

Environmental authority

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

Permit¹ number: EPPR02103414

Environmental authority takes effect on the day this authority is issued.

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 \$8,454.50 will be due each year on this day.

Environmental authority holder(s)

Name	Registered address
Mungalli Creek Dairy Pty Ltd	RN 254 Brooks Road MUNGALLI QLD 4886

Environmentally relevant activity and location details

Environmentally relevant activity(ies)	Location(s)
26-Milk processing >200t yr	254 Brooks Road MUNGALLI QLD 4886 - Lot 261 Plan NR3649

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

Mark Cavicchiolo
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994



Date

Enquiries:
Luke Johnston
ES - Reg Serv - Cairns - William McCormack
PO Box 7230
CAIRNS QLD 4870
Phone: (07) 4222 5354
Fax: (07) 4222 5070
Email: luke.johnston@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

Location: 254 Brooks Road, MUNGALLI, QLD, 4886
Lot 261 on Plan NR3649

Relevant activity:

26-Milk processing >200t yr

The environmentally relevant activity 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.	Any breach of a condition of this environmental authority must be reported to the administering authority as soon as practicably possible, or at most, 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 minimise the likelihood of environmental harm being caused.
G3.	The activity must be undertaken in accordance with written procedures that: • identify potential risks to the environment from the activity during routine operations and emergencies • establish and maintain control measures that minimise the potential for environmental harm • ensure plant, equipment and measures are maintained in a proper and effective condition • ensure plant, equipment and measures are operated in a proper and effective manner • ensure that staff are trained and aware of their obligations under the <i>Environmental Protection Act 1994</i> • ensure that reviews of environmental performance are undertaken at least annually

G4.	The release of treated wastewater to land from the Mungalli Creek Dairy Effluent Pond(s) must be undertaken in accordance with written procedures that ensure: • volumes of treated wastewater released are determined daily; • appropriate treated wastewater quality parameters are monitored at a frequency no less than quarterly; • infiltration to groundwater and subsurface flows of contaminants to surface waters are prevented; • surface pondage and run-off of wastewater is prevented; • degradation of soil structure is minimised; • soil sodicity and the build-up of nutrients in the soil and subsoil are monitored and minimised; • appropriate soil monitoring parameters for the wastewater disposal areas are monitored at a frequency no less than annually; • spray drift or overspray do not carry beyond the wastewater disposal areas; • adequate storage and/or disposal of wastewater is available when weather or soil conditions preclude release to land; • appropriate withholding times for grazing are met; • access to irrigated pastures by humans is managed; • wastewater disposal areas are maintained with an appropriate crop in a viable state for transpiration and nutrient uptake; and • the crop on the wastewater disposal areas are harvested and removed from the disposal area.
G5.	Ponds used for the storage and/or treatment of aqueous waste must be constructed, installed and maintained to: • prevent any release of aqueous waste from the ponds; and • ensure the stability of the pond structure.
G6.	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 and provided to the administering authority upon request.
G7.	An appropriately qualified person must be responsible for developing the written procedure requirement associated with G4.
G8.	All analysis and tests required under this approval must be carried out by a laboratory that has NATA or equivalent certification for such analysis and tests.
G9.	Storage of chemicals and fuels in bulk or in containers of greater than 15 litres must be within a secondary containment system and releases from the containment system controlled in a manner that prevents environmental harm .
Agency interest: Air	
Condition number	Condition
A1	Odours or airborne contaminants which are noxious or offensive or otherwise unreasonably disruptive to public amenity or safety must not cause nuisance to any nuisance sensitive place or commercial place .
Agency interest: Water	
Condition number	Condition
WT1.	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.

Agency interest: Noise																																																										
Condition number	Condition																																																									
N1	Noise from the activity must not exceed the levels identified in Table 1 – Noise limits and the associated requirements at any nuisance sensitive place or commercial place Table 1 – Noise limits <table><tr><th rowspan="3">Noise level measured in dB(A)</th><th colspan="3">Monday to Saturday</th><th colspan="3">Sunday and Public Holidays</th></tr><tr><th>7am-6pm</th><th>6pm-10pm</th><th>10pm-7am</th><th>9am-6pm</th><th>6pm-10pm</th><th>10pm-9am</th></tr><tr><th colspan="6">Noise measured at a nuisance sensitive place</th></tr><tr><td>L_{Aeq adj,T}</td><td>Background +5</td><td>Background +3</td><td>Background +0</td><td>Background +5</td><td>Background + 3</td><td>Background + 0</td></tr><tr><td>MaxL_{pA,T}</td><td>Background +10</td><td>Background +8</td><td>Background +5</td><td>Background +10</td><td>Background +8</td><td>Background +5</td></tr><tr><th rowspan="3"></th><th colspan="6">Noise measured at a commercial place</th></tr><tr><td>Background +10</td><td>Background +8</td><td>Background +5</td><td>Background +10</td><td>Background +8</td><td>Background +5</td></tr><tr><td>Background +15</td><td>Background +13</td><td>Background +10</td><td>Background +15</td><td>Background +13</td><td>Background +10</td></tr></table>						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						Background +10	Background +8	Background +5	Background +10	Background +8	Background +5	Background +15	Background +13	Background +10	Background +15	Background +13	Background +10
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Agency interest: Land						
Condition number	Condition					
L1.	The only **contaminants** to be released to land are treated dairy product processing wastewater as a result of the site operations in accordance with the written procedures as required by G3 and G4.					
L2.	Other than as permitted within this authority, **contaminants** must not be released from the site to land.					
L3.	Treated wastewater must not be released to land: - within fifty metres of any **waters**; and - within ten metres of any property boundary.					
Agency interest: Waste						
Condition number	Condition					
WS1.	Waste must only be removed from the site by a transporter lawfully able to transport it to a place lawfully able to receive it.					

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 environmental authority relates.

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

Appropriately qualified person(s) means a person or persons who has professional qualifications, training, skills or experience relevant to the nominated subject matter and can give authoritative assessment, advice and analysis to performance relative to the subject matter using the relevant protocols, standards, methods or literature.

Aqueous Waste means any aqueous waste including process water, water that has otherwise been used in the carrying out of the activity or sewage, whether or not the waste has been treated, but excluding stormwater.

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 percent of the time period of not less than 15 minutes, using Fast response.

Boundary means within 1m of the cadastral **boundary** of the approved place.

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.

Contaminant(s) as defined in Section 11 of the *Environmental Protection Act 1994*.

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

$L_{Aeq\ adj,T}$ 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.

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

Measures has 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.

Release of a contaminant into the environment means to:

1. deposit, discharge, emit or disturb the contaminant; and
2. cause or allow the contaminant to be deposited, discharged, emitted or disturbed; and
3. fail to prevent the contaminant from being deposited, discharged emitted or disturbed; and
4. allow the contaminant to escape; and

5. fail to prevent the contaminant from escaping.

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 1992* or a World Heritage Area; or
6. a public thoroughfare, park or gardens; 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.

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