

## Permit<sup>1</sup>

*Environmental Protection Act 1994*

### Environmental authority EPPR03336315

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

**Permit<sup>1</sup> number: EPPR03336315**

**Environmental authority takes effect on 25 August 2015.**

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 take effect date. An annual return and the payment of the annual fee will be due each year on this day.

#### Environmental authority holder

Name	Registered address
Adermina Pty Ltd T/A Mount Kooyong Convalescent Home	62 Mount Kooyong Road JULATTEN QLD 4871

#### Environmentally relevant activity and location details

Environmentally relevant activity	Location
ERA 63(1a)(i) – Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of – 21 to 100EP – if treated effluent is discharged from the works to an infiltration trench or through an irrigation scheme	62 Mount Kooyong Rd and Julatten - Lot 2 Plan RP748307

#### 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

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,

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



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.

JAM:K-

Signature

25-AUG-2015

Date

James Mackenzie  
Department of Environment and Heritage Protection  
Delegate of the administering authority  
*Environmental Protection Act 1994*

**Enquiries:**  
Department of Environment and Heritage  
Protection  
GPO Box 2454  
BRISBANE QLD 4001  
Phone: 1300 130 372  
Fax: 07 3330 6037  
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

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	<p><b>Activities</b> under this environmental authority must be conducted in accordance with the following limitations:</p> <ol style="list-style-type: none"> <li>1. Inflows to the Advanced Enviro Septic (AES) system must not exceed the peak design capacity of 5000 litres per day.</li> <li>2. Inflows to the two existing septic tanks must not exceed the peak design capacity of 7000 litres per day.</li> <li>3. In carrying out the <b>activity</b>, all reasonable and practicable <b>measures</b> must be taken to prevent and/or minimise environmental harm to <b>Matters of State Environmental Significance</b>, including: <ul style="list-style-type: none"> <li>• Regional Ecosystem 7.3.10a - regulated vegetation,</li> <li>• Wildlife habitat, and</li> <li>• Wetland of high ecological significance.</li> </ul> </li> </ol>
G2	All reasonable and practicable <b>measures</b> must be taken to prevent the likelihood of environmental harm being caused.
G3	Any breach of a condition of this environmental authority must be reported to the <b>administering authority</b> as soon as practicable, 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 undertaken.
G4	Other than treated effluent released in accordance with conditions L1 and L2, the <b>release of a contaminant into the environment</b> must not occur.
G5	All information and records required by the conditions of this environmental authority must be kept for a minimum of five years with the exception of environmental monitoring results which must be kept until surrender of this environmental authority. All information and records required by the conditions of this environmental authority must be provided to the <b>administering authority</b> upon request and in the format requested.
G6	An <b>appropriately qualified person(s)</b> 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 ( <b>NATA</b> ) certification, or an equivalent certification, for such analyses.

G8	<p><b>You</b> must record the following details for all environmental <b>complaints</b> received:</p> <ul style="list-style-type: none"> <li>a) date and time complaint was received</li> <li>b) name and contact details of the complainant</li> <li>c) nature of the complaint</li> <li>d) investigations undertaken</li> <li>e) conclusions formed</li> <li>f) actions taken.</li> </ul>
G9	Storage of chemicals and fuels in bulk or in containers of greater than 15 litres must be within a <b>secondary containment system</b> and releases controlled in a manner that prevents environmental harm.
G10	When required by the <b>administering authority</b> , monitoring must be undertaken in the manner prescribed by the <b>administering authority</b> , to investigate a <b>complaint</b> not considered by the <b>administering authority</b> to be frivolous or vexatious, of <b>environmental nuisance</b> arising from the <b>activity</b> . The monitoring results must be provided to the <b>administering authority</b> upon request.
G11	<p>The <b>activity</b> must be undertaken in accordance with written procedures that:</p> <ol style="list-style-type: none"> <li>1. identify potential risks to the environment from the <b>activity</b> during routine operations, closure and an emergency</li> <li>2. establish and maintain control <b>measures</b> that minimise the potential for environmental harm</li> <li>3. ensure plant, equipment and <b>measures</b> are maintained in a proper and effective condition</li> <li>4. ensure plant, equipment and <b>measures</b> are operated in a proper and effective manner</li> <li>5. ensure that staff are trained in and aware of their obligations under the <i>Environmental Protection Act 1994</i></li> <li>6. ensure that reviews of environmental performance are undertaken at least annually.</li> </ol>
<b>Agency interest: Air</b>	
<b>Condition number</b>	<b>Condition</b>
A1	Odours or airborne contaminants must not cause <b>environmental nuisance</b> at a <b>sensitive place</b> or <b>commercial place</b> .
<b>Agency interest: Water</b>	
<b>Condition number</b>	<b>Condition</b>
WT1	Stormwater contaminated by the activity must be managed to minimise or prevent any adverse effect on the environmental values of the receiving environment.
WT2	<p>Structures used for the storage or treatment of effluent or wastes must be constructed, installed and maintained to:</p> <ul style="list-style-type: none"> <li>a) prevent any release of effluent or wastes from the structure; and</li> <li>b) ensure the stability of the structure.</li> </ul>

Agency interest: Land	
Condition number	Condition
L1	Treated effluent released to land must be done in accordance with documentation that ensures: <ul style="list-style-type: none"><li>a) drainage to groundwater and subsurface flows of contaminants to surface waters are prevented</li><li>b) surface pondage and run-off of effluent is prevented</li><li>c) degradation of soil structure is minimised</li><li>d) soil sodicity and the build-up of nutrients and heavy metals in the soil and subsoil are minimised</li><li>e) effluent disposal areas are maintained with an appropriate crop in a viable state for transpiration and nutrient uptake</li><li>f) sufficient buffer zones are maintained between the land application area and sensitive environmental receptors.</li></ul>
L2	When weather conditions or soil conditions preclude the release of treated sewage effluent to land, effluent must not be released to land.
Agency interest: Waste	
Condition number	Condition
W1	Other than treated effluent released to land through the land application area, all waste generated in carrying out the activity must be reused, recycled or lawfully disposed of offsite.

## 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.

**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 under Chapter 1 of the *Environmental Protection Act 1994*.

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

**Matter of State Environmental Significance (MSES)** as defined in Schedule 2 of the *Environmental Offsets Regulation 2014*.

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

**NATA** means National Association of Testing Authorities.

**Release of a contaminant into the environment** means to:

- deposit, discharge, emit or disturb the contaminant
- cause or allow the contaminant to be deposited, discharged, emitted or disturbed
- fail to prevent the contaminant from being deposited, discharged emitted or disturbed
- allow the contaminant to escape
- fail to prevent the contaminant from escaping.

**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:

- a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or
- a motel, hotel or hostel; or
- a kindergarten, school, university or other educational institution; or
- a medical centre or hospital; or
- a protected area under the *Nature Conservation Act 1992*, the *Marine Parks Act 1992* or a World Heritage Area; or
- a public thoroughfare, park or gardens; or
- for noise, a place defined as a sensitive receptor for the purposes of the Environmental Protection (Noise) Policy 2008.

**Total Nitrogen (TN)** means the sum of Organic Nitrogen, Ammonia Nitrogen, Nitrite plus Nitrate Nitrogen, expressed as mg/L as Nitrogen. This includes both the inorganic and organic fraction of nitrogen.

**Total Phosphorus (TP)** means the sum of the reactive phosphorus, acid-hydrolysable phosphorus and organic phosphorus, as mg/L of Phosphorus. This includes both the inorganic and organic fraction of phosphorus.

**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 PERMIT**