

# Permit

**Environmental Protection Act 1994**

**Environmental authority EPPR00754013**

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

## Environmental authority number: EPPR00754013

**Environmental authority takes effect on the day it is signed by the delegate. This is the take effect date.** The anniversary day of this environmental authority remains 6 November. The payment of the annual fee will be due each year on this day.

## Environmental authority holder

| Name                                                       | Registered address                           |
|------------------------------------------------------------|----------------------------------------------|
| Aquarium Avenue Pty Ltd trading as Greenacres Caravan Park | Unit 3/38 Wambool Street BULIMBA<br>QLD 4171 |

## Environmentally relevant activity and location details

| Environmentally relevant activity                                                                                                                                                                                                                                      | Locations                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| ERA 63 - Sewage Treatment, 1: Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of (b-i) 100 to 1500EP if treated effluent is discharged from the works to an infiltration trench or through an irrigation scheme | 508-520 Mt Cotton Road CAPALABA<br>QLD 4157 - Lot 3 Plan RP123875; and<br>Lot 5 Plan RP123875 |

## 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:

- 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](http://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.

#### **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. For example, this may include permits / approvals with your local Council (for planning approval), the Department of Transport and Main Roads (to access state controlled roads), the Department of Resources (to clear vegetation), and the Department of Agriculture and Fisheries (to clear marine plants or to obtain a quarry material allocation).

**Obligations under the *Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act)***

Matters of national environmental significance (MNES) are regulated under the Commonwealth EPBC Act rather than under state legislation. You may need to submit a referral if your project potentially impacts any matters protected under the EPBC Act. For more information on self-assessments, and referral and assessment processes please visit the Department of Climate Change, Energy, the Environment and Water webpage, <https://www.dcceew.gov.au/environment/epbc/advice>.

**Development Approval**

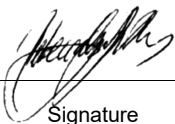
This permit is not a development approval under the *Planning Act 2016*. The conditions of this environmental authority are separate, and in addition to, any conditions that may be on the development approval. If a copy of this environmental authority is attached to a development approval, it is for information only, and may not be current. If you are unsure that you have the most current version of the environmental authority relating to this site please visit <https://apps.des.qld.gov.au/env-authorities/> to access all environmental authorities currently approved.

**Obligations under the *Aboriginal Cultural Heritage Act 2003* and *Torres Strait Islander Cultural Heritage Act 2003* (the Cultural Heritage Acts)**

The Cultural Heritage Acts require anyone who carries out a land-use activity to exercise a duty of care. This 'duty of care' means land users must take all reasonable and practicable measures to ensure their activity does not harm Aboriginal or Torres Strait Islander cultural heritage, and applies to any activity where Aboriginal or Torres Strait Islander cultural heritage is located. For more information on your obligations under this legislation, please visit the Department of Women, Aboriginal and Torres Strait Islander Partnerships and Multiculturalism webpage at, <https://www.tatsipca.qld.gov.au/>.

**Obligations under the *Water Supply (Safety and Reliability) Act 2008***

In order to lawfully operate you may also require permits / approvals under the *Water Supply (Safety and Reliability) Act 2008*, such as a Recycled Water Management Plan for dual reticulation.

  
Signature

26/11/2025  
Date

**Rebecca Griffiths**

Department of the Environment, Tourism, Science  
and Innovation  
Delegate of the administering authority  
*Environmental Protection Act 1994*

**Enquiries:**

Utilities and Government Organisations  
Assessment  
Phone: 1300 130 372 (option 4)  
Email: [palm@des.qld.gov.au](mailto:palm@des.qld.gov.au)

### Conditions of environmental authority

| Environmentally relevant activity                                                                                                                                                                                                                                      | Location                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| ERA 63 - Sewage Treatment, 1: Operating sewage treatment works, other than no-release works, with a total daily peak design capacity of (b-i) 100 to 1500EP if treated effluent is discharged from the works to an infiltration trench or through an irrigation scheme | 508-520 Mt Cotton Road CAPALABA QLD 4157 - Lot 3 Plan RP123875; and Lot 5 Plan RP123875 |

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

| Condition number | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General</b>   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>P1-A1</b>     | Inflows into the sewage treatment plant must not exceed 90,000 litres on any <b>day</b> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>P1-A2</b>     | All reasonable and practicable <b>measures</b> must be taken to prevent or minimise environmental harm caused, or likely to be caused, by the activities.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>P1-A3</b>     | Unless specifically authorised by a condition of this environmental authority, this environmental authority does not authorise a relevant act which is: <ul style="list-style-type: none"> <li>a) an act that causes serious or material environmental harm or an environmental nuisance; or</li> <li>b) an act that contravenes a noise standard; or</li> <li>c) a deposit of a contaminant, or release of stormwater run-off, mentioned in section 440ZG of the <i>Environmental Protection Act 1994</i>.</li> </ul>                                                                                                                     |
| <b>P1-A4</b>     | Unless specifically authorised by a condition of this environmental authority, this environmental authority does not authorise the <b>release of a contaminant into the environment</b> .                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>P1-A5</b>     | <b>Contravention of conditions</b><br>Details of any contravention of a condition of this environmental authority must: <ul style="list-style-type: none"> <li>a) be reported to the <b>administering authority</b> within 24 hours of becoming aware of the contravention; and</li> <li>b) include the nature and circumstances of the contravention and any immediate actions taken.</li> </ul>                                                                                                                                                                                                                                          |
| <b>P1-A6</b>     | As soon as reasonably practicable and within 20 <b>business days</b> of a report made under condition P1-A5 (or a longer period agreed to in writing by the <b>administering authority</b> ), an investigation must be undertaken to determine: <ul style="list-style-type: none"> <li>a) the potential circumstances and actions that may have contributed to the contravention; and</li> <li>b) the environmental impact of the contravention; and</li> <li>c) reasonable and practicable <b>measures</b> that will be implemented to address the cause of the contravention to prevent future contraventions of this nature.</li> </ul> |

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>P1-A7</b>  | As soon as reasonably practicable and within 20 <b>business days</b> of investigating a contravention under condition P1-A6 (or a longer period agreed to in writing by the <b>administering authority</b> ), the reasonable and practicable <b>measures</b> identified in the investigation must be implemented.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>P1-A8</b>  | The outcome of the investigation carried out under condition P1-A6 and the reasonable and practicable <b>measures</b> implemented under condition P1-A7 must be <b>recorded</b> and provided to the <b>administering authority</b> upon request.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>P1-A9</b>  | <p><b>Complaints</b></p> <p>The following details must be recorded for all <b>complaints</b> received and provided to the <b>administering authority</b> upon request:</p> <ul style="list-style-type: none"> <li>a) date and time the <b>complaint</b> was received; and</li> <li>b) if authorised by the <b>person</b> making the <b>complaint</b>, their name and contact details; and</li> <li>c) nature and details of the <b>complaint</b>.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>P1-A10</b> | As soon as reasonably practicable and within 5 <b>business days</b> of receiving a <b>complaint</b> (or a longer period agreed to in writing by the <b>administering authority</b> ), an investigation must be undertaken to determine: <ul style="list-style-type: none"> <li>a) the potential circumstances and actions on <b>site</b> that may have contributed to the basis of the <b>complaint</b>; and</li> <li>b) reasonable and practicable <b>measures</b> that will be implemented to address the <b>complaint</b>.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>P1-A11</b> | As soon as reasonably practicable and within 5 <b>business days</b> of investigating a <b>complaint</b> under condition P1-A10 (or a longer period agreed to in writing by the <b>administering authority</b> ), the reasonable and practicable <b>measures</b> identified in the investigation must be implemented.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>P1-A12</b> | The outcome of the investigation carried out under condition P1-A10 and the reasonable and practicable <b>measures</b> implemented under condition P1-A11 must be recorded.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>P1-A13</b> | <p><b>Environmental risk management procedures</b></p> <p>Written procedures must be developed and implemented by an <b>appropriately qualified person</b> that ensure:</p> <ul style="list-style-type: none"> <li>a) all potential risks to the environment from the carrying out of the <b>activity</b> are identified and assessed, including: <ul style="list-style-type: none"> <li>i) during routine operations; and</li> <li>ii) outside routine operations (e.g., maintenance, start up and shut down); and</li> <li>iii) during incidents (e.g., spills and bursts); and</li> <li>iv) during preparation; and</li> <li>v) in an emergency (e.g., fire, flood or other natural disaster); and</li> </ul> </li> <li>b) for each potential risk identified, any necessary <b>measures</b> to prevent or minimise the potential for environmental harm are implemented; and</li> <li>c) staff understand their obligations under this environmental authority and the <i>Environmental Protection Act 1994</i>; and</li> <li>d) environmental risk management procedures are continually reviewed and improved, based on a reasonable risk-management approach.</li> </ul> |

| <b>P1-A14</b>              | <b>Plant and equipment</b><br>An <b>appropriately qualified person(s)</b> must install, operate, calibrate, and maintain the plant and equipment required to carry out the <b>activity</b> (including <b>monitoring</b> devices) in a proper and effective manner.                                                                                                                                                                                                                                                                                                                                            |                        |                       |                            |                      |                            |                     |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------------------|----------------------------|----------------------|----------------------------|---------------------|
| <b>P1-A15</b>              | <b>Records</b> of installation, calibration and maintenance carried out under condition P1-A14 must be kept.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                        |                       |                            |                      |                            |                     |
| <b>P1-A16</b>              | <b>Record keeping</b><br>Unless otherwise specified by a condition of this environmental authority, <b>records</b> must be:<br>a) kept for the period outlined in <i>P1 - Table 1 – Record keeping requirements</i> ; and<br>b) provided to the <b>administering authority</b> upon request.<br><br><b>P1 - Table 1 – Record keeping requirements</b> <table border="1"> <tr> <th>Description of records</th><th>Retention requirement</th></tr> <tr> <td><b>Monitoring</b> results.</td><td>Retain for 15 years.</td></tr> <tr> <td>All other <b>records</b>.</td><td>Retain for 5 years.</td></tr> </table> | Description of records | Retention requirement | <b>Monitoring</b> results. | Retain for 15 years. | All other <b>records</b> . | Retain for 5 years. |
| Description of records     | Retention requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                       |                            |                      |                            |                     |
| <b>Monitoring</b> results. | Retain for 15 years.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                        |                       |                            |                      |                            |                     |
| All other <b>records</b> . | Retain for 5 years.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                        |                       |                            |                      |                            |                     |
| <b>P1-A17</b>              | <b>Chemical storage</b><br>Chemicals and fuels in containers of greater than 15 L must be stored within a <b>secondary containment system</b> .                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |                       |                            |                      |                            |                     |
| <b>P1-A18</b>              | <b>Monitoring and sampling</b><br>All <b>monitoring</b> and sampling required by the conditions of this environmental authority must be carried out, interpreted, and recorded by an <b>appropriately qualified person</b> .                                                                                                                                                                                                                                                                                                                                                                                  |                        |                       |                            |                      |                            |                     |
| <b>P1-A19</b>              | Unless otherwise authorised in writing by the <b>administering authority</b> , all laboratory analyses required under this environmental authority must be carried out by a laboratory that has National Association of Testing Authorities (NATA) accreditation for such analyses.<br><br>The only exception to this condition is for <i>in situ</i> <b>monitoring</b> of pH, electrical conductivity, total chlorine, and total chlorine.                                                                                                                                                                   |                        |                       |                            |                      |                            |                     |
| <b>P1-A20</b>              | An Annual Monitoring Report must be prepared by 30 November each year, for the preceding financial year, and provided to the <b>administering authority</b> upon request.                                                                                                                                                                                                                                                                                                                                                                                                                                     |                        |                       |                            |                      |                            |                     |
| <b>P1-A21</b>              | The Annual Monitoring Report must include the results of <b>monitoring</b> that is required by condition P1-C1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |                       |                            |                      |                            |                     |
| <b>Air</b>                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |                       |                            |                      |                            |                     |
| <b>P1-B1</b>               | Odours or airborne contaminants from the <b>activity</b> must not cause environmental nuisance to any <b>sensitive place</b> or <b>commercial place</b> .                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                        |                       |                            |                      |                            |                     |
| <b>P1-B2</b>               | <b>Effluent</b> generated by the <b>activity</b> must only be released to the <b>Effluent Disposal Area</b> , and only released via sub-surface pressure compensated drip.                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                       |                            |                      |                            |                     |
| <b>P1-B3</b>               | <b>Effluent</b> spray must not move beyond the <b>Effluent Disposal Area</b> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                        |                       |                            |                      |                            |                     |

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                       |                                              |                |                                     |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------|----------------------------------------------|----------------|-------------------------------------|
| P1-B4                                         | Public access to the <b>Effluent Disposal Area</b> must be prevented during the <b>effluent</b> release to the Effluent Disposal Area and until the area has dried.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                       |                       |                                              |                |                                     |
| Land                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                       |                                              |                |                                     |
| P1-C1                                         | <b>Effluent</b> generated by the <b>activity</b> must only be released to the <b>Effluent Disposal Area</b> when the following requirements are complied with:<br><br>a) the release limits for each quality characteristic are complied with at the <b>monitoring</b> locations and timing as specified in <i>P1 - Table 2 – Contaminant limits for releases to land</i> ; and<br><br>b) releases are <b>monitored</b> at all <b>monitoring</b> locations and at the minimum <b>monitoring</b> frequency for each quality characteristic specified in <i>P1 - Table 2 – Contaminant limits for releases to land</i> .<br><br><b>P1 - Table 2 - Contaminant limits for releases to land</b> |                                       |                       |                                              |                |                                     |
|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       | <b>Release limits</b> |                                              |                | <b>Minimum monitoring frequency</b> |
| <b>Monitoring location</b>                    | <b>Timing</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Quality characteristic (units)</b> | <b>Minimum</b>        | <b>Mean</b><br><small>Refer to P1-C4</small> | <b>Maximum</b> |                                     |
| Flow gauge / metre reading on irrigation pump | At all times                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Irrigation volume (L/day)             | -                     | < 20,000                                     | -              | Daily                               |
|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Irrigation rate (mm/day)              | -                     | < 2.96                                       | 4              | Daily                               |
| <b>Total Phosphorus</b> TP (mg/L as P)        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                     | -                     | 20                                           | Monthly        |                                     |
| <b>Total Nitrogen</b> TN (mg/L as N)          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                     | < 35                  | 60                                           | Monthly        |                                     |
| <b>Electrical Conductivity (EC)</b> (µS/cm)   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                     | < 1,600               | -                                            | Monthly        |                                     |
| pH (pH units)                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 5                                     | -                     | 8.5                                          | Monthly        |                                     |
| Total Chlorine (mg/L)                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                     | -                     | 3                                            | Monthly        |                                     |
| Escherichia coli (E.coli) cfu/100mL)          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                     | -                     | 1,000                                        | Weekly         |                                     |
| P1-C2                                         | <b>Monitoring</b> required by condition P1-C1 must be undertaken when <b>effluent</b> is being released, unless <b>effluent</b> release has ceased for longer than the relevant parameters specified minimum frequency (e.g., if pH was only required to be <b>monitored</b> once a week, then a pH sample would not be required after the first week following cessation of the release).                                                                                                                                                                                                                                                                                                  |                                       |                       |                                              |                |                                     |
| P1-C3                                         | The irrigation rate <b>monitoring</b> required by condition P1-C1 must be calculated based on the total area irrigated on that day, and the actual volume of <b>effluent</b> irrigated on that same day.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                       |                       |                                              |                |                                     |
| P1-C4                                         | <b>Mean</b> calculations required by condition P1-C1 must be calculated from consecutive samples taken over a 6-month period (on a rolling basis for limit calculations) where consecutive samples are taken at the minimum frequency specified in <i>P1 - Table 2 - Contaminant limits for releases to land</i> .                                                                                                                                                                                                                                                                                                                                                                          |                                       |                       |                                              |                |                                     |

|               |                                                                                                                                                                                                                                        |
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| <b>P1-C5</b>  | Volume <b>monitoring</b> required by condition P1-C1 must be undertaken using a flow meter.                                                                                                                                            |
| <b>P1-C6</b>  | The <b>Effluent Disposal Area</b> must contain irrigation infrastructure capable of delivering a minimum surface area of 6,750 m <sup>2</sup> of wetted coverage.                                                                      |
| <b>P1-C7</b>  | The release of <b>effluent</b> to the <b>Effluent Disposal Area</b> must be undertaken in a manner that ensures even distribution of <b>effluent</b> across the entire wetted coverage area within the <b>Effluent Disposal Area</b> . |
| <b>P1-C8</b>  | <b>Records</b> to demonstrate compliance with conditions P1-C6, and P1-C7 must be kept.                                                                                                                                                |
| <b>P1-C9</b>  | When soil in the <b>Effluent Disposal Area</b> is <b>saturated</b> , <b>effluent</b> must not be released to land.                                                                                                                     |
| <b>P1-C10</b> | Wet weather storage with a minimum volume of 40,000 L must be installed and maintained on the site for the storage of <b>effluent</b> .                                                                                                |
| <b>P1-C11</b> | Wet weather storage required by condition P1-C10 must be completely enclosed from rainfall collection.                                                                                                                                 |
| <b>P1-C12</b> | All organic material removed from vegetation growing in the <b>Effluent Disposal Area</b> , must be transported and disposed of in an area other than in the <b>Effluent Disposal Area</b> .                                           |
| <b>P1-C13</b> | Ponding of <b>effluent</b> within the <b>Effluent Disposal Area</b> must not occur.                                                                                                                                                    |
| <b>P1-C14</b> | Contaminants must not run off to areas beyond the <b>Effluent Disposal Area</b> .                                                                                                                                                      |
| <b>P1-C15</b> | The <b>Effluent Disposal Area</b> must be vegetated and maintained with kikuyu or a similar <b>improved pasture species</b> in a <b>viable state</b> .                                                                                 |
| <b>P1-C16</b> | Dried <b>sludge</b> from the sewage treatment plant may be released to land only within the <b>landscaped areas</b> of the <b>approved place</b> .                                                                                     |
| <b>Noise</b>  |                                                                                                                                                                                                                                        |
| <b>P1-D1</b>  | Noise generated by the <b>activity</b> must not cause environmental nuisance to any <b>sensitive place</b> or <b>commercial place</b> .                                                                                                |
| <b>Waste</b>  |                                                                                                                                                                                                                                        |
| <b>P1-E1</b>  | All waste must be lawfully reused, recycled or lawfully removed to a facility that can lawfully accept the waste.                                                                                                                      |
| <b>Water</b>  |                                                                                                                                                                                                                                        |
| <b>P1-F1</b>  | Contaminants must not be released to any <b>waters</b> .                                                                                                                                                                               |

## Definitions

Key terms and/or phrases bolded in this environmental authority are defined in this section. Where a word or phrase in this document is not defined in this definitions section, it has the meaning given to it in (in order of priority):

- the *Environmental Protection Act 1994* (EP Act), its regulations or its environmental protection policies;
- the *Acts Interpretation Act 1954*;
- the Macquarie Dictionary (taking account of the context in which the word or phrase is used in this document).

For example, environmental value, environmental harm, environmental nuisance, material environmental harm are defined in the EP Act and groundwater is defined in the Environmental Protection Regulation 2019.

Defined words or phrases in the singular include the plural and vice versa.

**Activity** means the environmentally relevant activity(ies) to which the relevant part of the environmental authority relates. An activity may be undertaken on the whole or a part of a site.

**Administering authority** means the Chief Executive administering the *Environmental Protection Act 1994*.

**Appropriately qualified person** means a person or persons who has professional qualifications, training, skills and experience relevant to the environmental authority (EA) requirements and can give authoritative assessment, advice and analysis in relation to the EA requirements using the relevant protocols, standards, methods and/or literature.

**Approved place** means Lot 3 Plan RP123875 and Lot 5 Plan RP123875.

**Business Day** means:

- (a) a day that does not occur during the period starting on 20 December in a year and ending 5 January in the following year; or
- (b) a day that is not a Saturday or Sunday; or
- (c) a public holiday, special holiday or bank holiday in the place in which any relevant act is to be or may be done.

**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.

**Complaints** means an expression of dissatisfaction, concern or report, whether written or verbal, about the **activity** and/or its impact on the environment.

**Day** means any 24-hour period of a calendar day.

**Effluent** means the liquid fraction of treated sewage.

**Effluent Disposal Area** referenced in this environmental authority means the purple shaded areas, excluding areas marked by a red cross, identified in *Appendix 1 – ERA 63 irrigation*.

**Electrical Conductivity 1:5 (EC)** means the electrical conductivity measured from a settled mixture of 1 part soil and 5 parts deionized water.

**Groundwater** means water that occurs naturally in, or is introduced artificially into, an aquifer.

**Ha** means hectare which is an area measurement equal to 10,000 square metres.

**Improved pasture species** means a high yield pasture with an enhanced nutrient and water uptake, as determined by an **appropriately qualified person**.

**Land** means land excluding **waters** and the atmosphere.

**Landscaped areas** include garden beds and do not include the **Effluent Disposal Area**, grazing areas, recreation areas, areas within 15 meters of waters, nor traffic thoroughfare areas.

**Mean** is the sum of a collection of numbers divided by the count of numbers in the collection.  
E.g.,  $(n_1+n_2+n_3)/3$ .

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

**Monitor, monitored and monitoring** means monitoring the impact of an **activity** on the receiving environment and includes analysing, assessing, examining, inspecting, measuring, modelling or reporting any of the following matters—

- (d) the quantity, quality, characteristics, timing and variability of the release of any contaminant; and
- (e) the effectiveness of any control measure; and
- (f) the characteristics of, and impact on, the receiving environment.

**Person** means an individual and a corporation, as per section 32D of the *Acts Interpretation Act 1954*.

**Records** include breach notifications, written procedures, analysis results, monitoring reports and monitoring programs required under a condition of this authority.

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

- (a) deposit, discharge, emit or disturb the contaminant; or
- (b) cause or allow the contaminant to be deposited, discharged, emitted or disturbed; or
- (c) fail to prevent the contaminant from being deposited, discharged emitted or disturbed; or
- (d) allow the contaminant to escape; or
- (e) fail to prevent the contaminant from escaping.

**Saturated** means the soil moisture level is greater than the soil field capacity. Field capacity means the amount of water retained in soil when the soil has been allowed to drain for 24hrs under normal gravity conditions.

**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 any of the following places:

- (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 kindergarten, school, university or other educational institution, or a medical centre or hospital; or
- (d) a protected area under the *Nature Conservation Act 1992*, the *Marine Parks Act 2004* or a World Heritage Area; or
- (e) a public park or garden; or

- (f) for noise, a place defined as a sensitive receptor for the purposes of the Environmental Protection (Noise) Policy 2019; or
- (g) the area within the curtilage of any of the above places.

**Sludge** means any residual, semi-solid material that is produced as a by-product from the activity. Sludge includes dewatered sludge or biosolids as defined in this environmental authority.

**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.

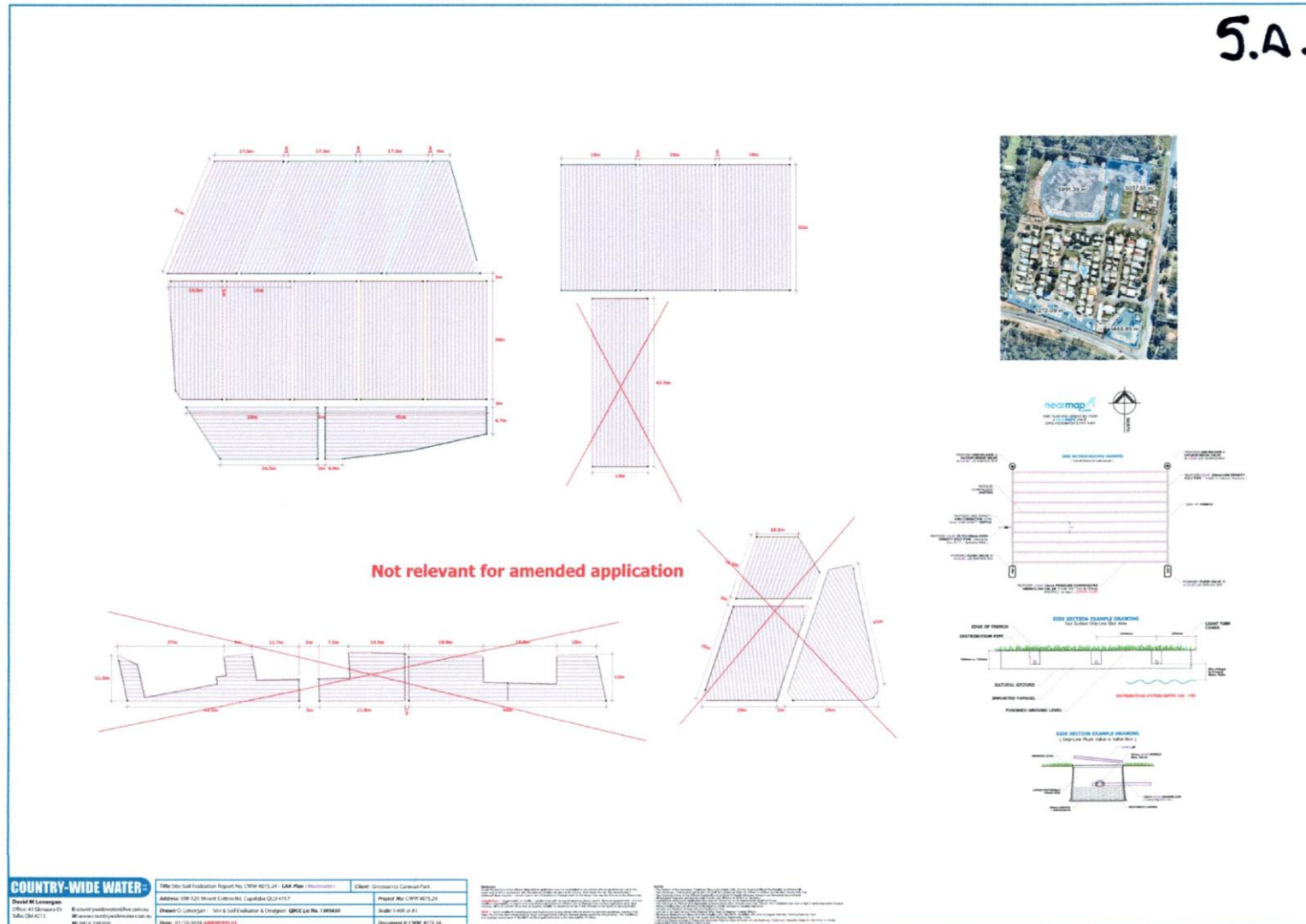
**Total Phosphorus (TP)** means the sum of the reactive phosphorus, acid-hydrolysable phosphorus and organic phosphorus, as mg/L of Phosphorus. This includes both the inorganic and organic fraction of phosphorus.

**Viable state** or viability means able to live and grow.

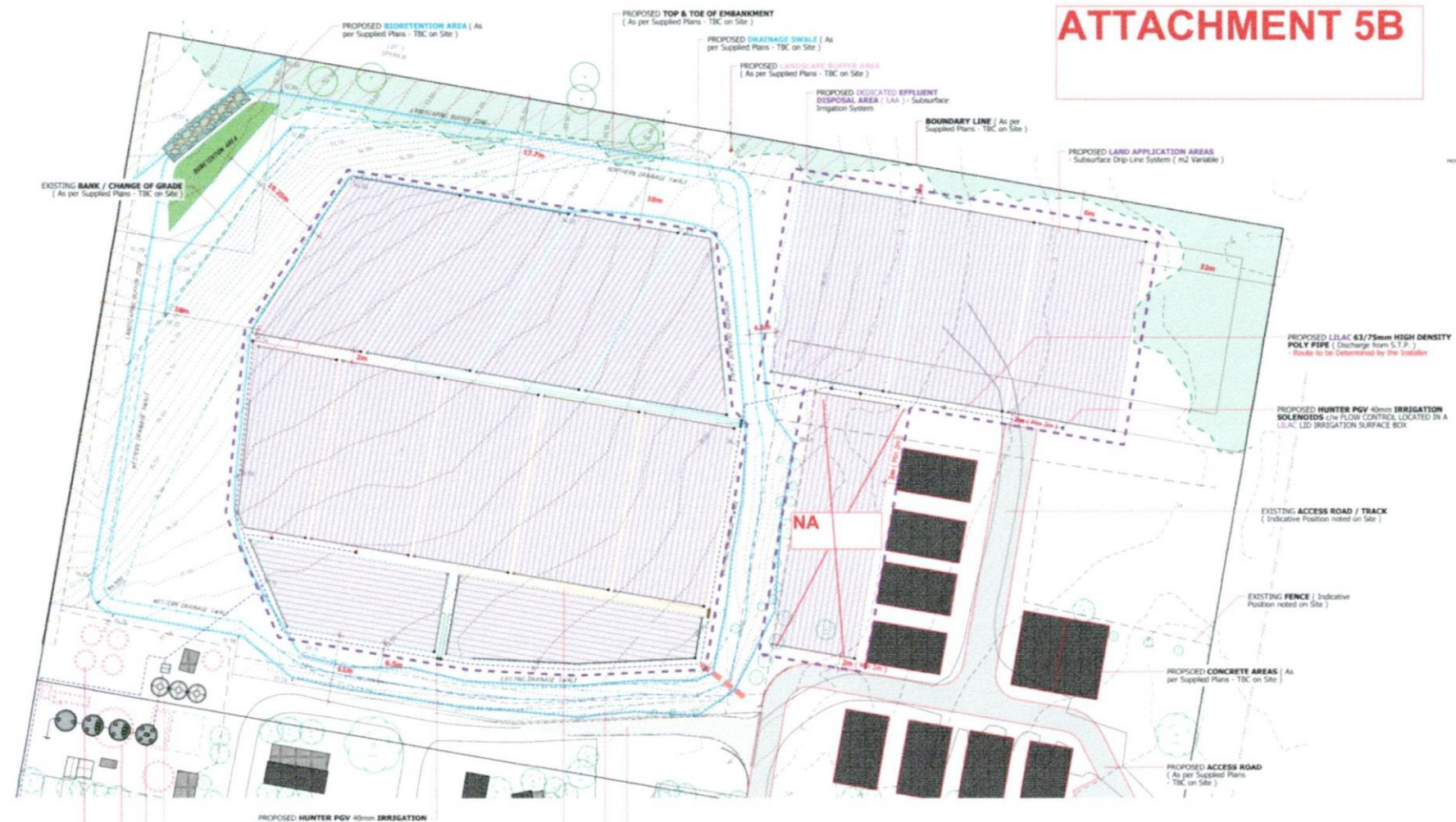
**Waters** includes river, stream, lake, lagoon, pond, swamp, wetland, unconfined surface water, unconfined water, natural or artificial watercourse, bed and bank of any waters, dams, non-tidal or tidal waters (including the sea), stormwater channel, stormwater drain, roadside gutter, stormwater run-off, and **groundwater** and any part thereof.

Appendix 1 – ERA 63 irrigation

5.A.



## Appendix 1 – ERA 63 irrigation (zoomed)



END OF ENVIRONMENTAL AUTHORITY