# Permit

***Environmental Protection Act 1994***

## Environmental authority EPPR00543713

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

## Environmental authority number: EPPR00543713

**Environmental authority takes effect on day the authority was issued.**

The anniversary date of this environmental authority is 30 September each year.

## Environmental authority holder(s)

| Name(s) | Registered address |
|---|---|
| The Trustee for THE SALVATION ARMY (QLD) PROPERTY TRUST | 97 School Street<br>SPRING HILL QLD 4000 |

## Environmentally relevant activity and location details

| Environmentally relevant activity/activities | Location(s) |
|---|---|
| ERA 63 - Sewage Treatment - 1(a-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 | 132/SP253260 |
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**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.



Queensland Government

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

Mobile and temporary activities

If you operate a mobile and temporary environmentally relevant activity (ERA), other than regulated waste transport, you are required to maintain a work diary. You must:

- use the approved form for a work diary (ESR/2015/1696);
- keep the work diary records for 2 years after the last entry;
- inform the administering authority within 7 days of the work diary being lost or stolen;
- record the information required in the work diary for each location within 1 day of leaving the location.

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, 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.



Signature

**5 August 2025**

Date

Casey Sirl
Department of the Environment, Tourism, Science And Innovation

Delegate of the administering authority
*Environmental Protection Act 1994*

**Enquiries:**
Permits and Licensing/Operational Support
GPO Box 2454, BRISBANE QLD 4001

Phone: 1300 130 372

Email: palm@detsi.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)

**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 *Mining and Quarrying Safety and Health Act 1999***

If you are operating a quarry, other than a sand and gravel quarry where there is no crushing capability, you will be required to comply with the *Mining and Quarrying Safety and Health Act 1999*. For more information on your obligations under this legislation contact Mine Safety and Health at www.resources.qld.gov.au, or phone 13 QGOV ( 13 74 68 ) or your local Mines Inspectorate Office.

**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. Please contact the Department of Environment and Science to ensure that you have the most current version of the environmental authority relating to this site.

**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 | All reasonable and practicable measures must be taken to prevent the likelihood of environmental harm being caused. |
| G2 | Any breach of a condition of this environmental authority must be reported to the **administering authority** 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. |
| G3 | Other than as permitted by this environmental authority, the **release of a contaminant into the environment** must not occur. |
| G4 | 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 **administering authority** upon request and in the format requested. |
| G5 | An **appropriately qualified person(s)** 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. |
| G6 | All analyses required under this environmental authority must be carried out by a laboratory that has National Association of Testing Authorities (**NATA**) certification, or an equivalent certification, for such analyses. The only exception to this condition is for *in situ* monitoring of pH and electrical conductivity. |
| G7 | When required by the **administering authority**, monitoring must be undertaken in the manner prescribed by the **administering authority**, to investigate a **complaint** not considered by the **administering authority** to be frivolous or vexatious, of **environmental nuisance** arising from the **activity**. The monitoring results must be provided to the **administering authority** upon request. |
| G8 | The **activity** must be undertaken in accordance with written procedures that:<br>a) identify potential risks to the environment from the **activity** during routine operations, closure and an emergency<br>b) establish and maintain control measures that minimise the potential for environmental harm<br>c) ensure plant, equipment and measures are maintained in a proper and effective condition<br>d) ensure plant, equipment and measures are operated in a proper and effective manner<br>e) ensure that staff are trained in and aware of their obligations under the *Environmental Protection Act 1994*<br>f) ensure that reviews of environmental performance are undertaken at least annually. |

| | |
|---|---|
| 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 controlled in a manner that prevents environmental harm. |
| G10 | Buffer zones must be maintained between the **activity** and the boundary of the specific environmental values in accordance with Table 1 – Buffer Zones.<br>**Table 1 – Buffer Zones**<br>**Environmental value** / **Minimum buffer distance**<br>Bore used for domestic supply / 30m<br>Watercourse wetland or spring / 100m<br>Bore used for town water supply / 1000m |

| **Agency interest: Air** | |
|---|---|
| **Condition number** | **Condition** |
| A1 | Odours or airborne contaminants must not cause **environmental nuisance** at a **sensitive place** or **commercial place**. |

| **Agency interest: Water** | |
|---|---|
| **Condition number** | **Condition** |
| WT1 | Stormwater contaminated by the **activity** must be managed to minimise or prevent any adverse effect on the environmental values of the receiving environment. |

| **Agency interest: Noise** | |
|---|---|
| **Condition number** | **Condition** |
| N1 | Noise from the activity must not cause an environmental nuisance at any noise affected premises. |

| **Agency interest: Land** | |
|---|---|
| **Condition number** | **Condition** |
| L1 | The only contaminant to be released to land is treated sewage effluent in accordance with Table 2 and the associated requirements.<br>**Table 2 – Treated effluent release limits to irrigation area** |

| Quality characteristics | Units[1] | Minimum | Median | Maximum | Monitoring frequency 1[2, 5] | Monitoring frequency 2[2, 6] |
|---|---|---|---|---|---|---|
| Total nitrogen[3] | mg/L as nitrogen | - | - | 45 | Monthly | Quarterly |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Total phosphorous[3] | mg/L as phosphorus | - | - | 15 | | |
| | Electrical conductivity | microSiemens/cm | - | - | 1600 | | |
| | pH | scale | 6.0 | - | 8.5 | | |
| | *E. coli* | colony forming units/100mL | - | <50[4] | 100 | | |

Associated requirements:

1. Monitoring must be in accordance with the **administering authority**'s Water Quality Sampling Manual and all monitoring devices must be effectively calibrated and maintained.
2. Monitoring must be undertaken when treated sewage effluent is being irrigated, unless irrigation has ceased for longer than the relevant parameters specified minimum frequency (e.g. if TSS was only required to be monitored once a week, then a TSS sample would not be required after the first week following cessation of the release).
3. Indicators for TN and TP are recommended to be done as grab samples.
4. Means median of five consecutive samples taken at not less than ½ hourly intervals
5. Monitoring Frequency 1 – Monitoring frequency to be implemented for a minimum of 3 months following any exceedance of quality characteristics.
6. Monitoring Frequency 2 – Monitoring frequency to be implemented following demonstrated compliance with quality characteristics for monitoring frequency 1.

| | |
|---|---|
| L2 | The maximum daily irrigation rate must not exceed 16,500 litres/day. |
| L3 | Taking into account condition G10, the treated effluent must be evenly distributed over a minimum area of 0.9 hectares. |
| L4 | Treated effluent released to land must be done in accordance with documentation that ensures:<br>a) effective monitoring locations are identified (including moisture, soil types and depths)<br>b) drainage to groundwater and subsurface flows of contaminants to surface waters are prevented<br>c) surface pondage and run-off of effluent is prevented<br>d) degradation of soil structure is minimised<br>e) soil sodicity and the build-up of nutrients and heavy metals in the soil and subsoil are minimised<br>f) spray drift or overspray does not carry beyond effluent disposal areas<br>g) effluent disposal areas are maintained with an appropriate crop in a viable state for transpiration and nutrient uptake<br>h) in addition to condition G10, sufficient buffer zones are maintained between irrigation sites and sensitive environmental receptors.<br>i) the crop on the disposal area is harvested and removed from the disposal area. |
| L5 | When weather conditions or soil conditions preclude the release of treated sewage effluent to land, effluent must not be irrigated to land. |
| L6 | Soil monitoring must be undertaken for topsoil and subsoil samples from representative sites in accordance with Table 3.<br>**Table 3 – Soil monitoring parameters and frequency requirements** |

| Quality Characteristics | Units | Monitoring Frequency |
|---|---|---|
| pH | pH scale | Biennially |
| Specific Conductance or electrical conductivity (1:5) | µS/cm | Biennially |

| | | | |
|---|---|---|---|
| | Calcium | mg/kg | Biennially |
| | Magnesium | mg/kg | Biennially |
| | Potassium | mg/kg | Biennially |
| | Cation Exchange Capacity | meq/100g | Biennially |
| | Exchangeable calcium | meq/100g | Biennially |
| | Exchangeable magnesium | meq/100g | Biennially |
| | Exchangeable sodium | meq/100g | Biennially |
| | Exchangeable potassium | meq/100g | Biennially |
| | Exchangeable aluminium | meq/100g | Biennially |
| | Sodium Adsorption Ratio | ratio | Biennially |
| | Total Nitrogen as N | mg/kg | Biennially |
| | Extractable Phosphorus | mg/kg | Biennially |
| | Boron | mg/kg | Biennially |

**Agency interest: Waste**

| Condition number | Condition |
|---|---|
| WS1 | Other than treated effluent released to land in accordance with condition (L1), 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. 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.

**Day** means any 24 hour period.

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

**Median** means the middle value, where half the data are smaller and half the data are larger. If the number of samples is even, the median is the arithmetic average of the two middle values.

**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:

a) deposit, discharge, emit or disturb the contaminant

b) cause or allow the contaminant to be deposited, discharged, emitted or disturbed

c) fail to prevent the contaminant from being deposited, discharged emitted or disturbed

d) allow the contaminant to escape

e) 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) 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

d) a medical centre or hospital; or

e) a protected area under the *Nature Conservation Act 1992*, the *Marine Parks Act 1992* or a World Heritage Area; or

f) a public thoroughfare, park or gardens; or

g) for noise, a place defined as a sensitive receptor for the purposes of the Environmental Protection (Noise) Policy 2008.

**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.

**END OF ENVIRONMENTAL AUTHORITY**