Permit

Environmental Protection Act 1994

Environmental authority EPPR01308613

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

Environmental authority number: EPPR01308613

Environmental authority takes effect on 14 January 2019

Environmental authority holder(s)

Name(s)	Registered address
QUEENSLAND CORRECTIVE SERVICES	Level 16, Northbank Plaza 69 Ann Street BRISBANE CITY QLD 4000

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
Prescribed ERA, ERA 63 - Sewage Treatment, 2: Operating a sewage pumping station mentioned in subsection (1)(b)	Lot 11/SP197731

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);

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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.

Rebecca Griffiths
Department of Environment and Science
Delegate of the administering authority
Environmental Protection Act 1994

Date issued: 14 January 2019

Enquiries:
Extraction, Energy and Chemical Industries Assessment
Department of Environment and Science
Phone: 1300 130 372
Email: palm@des.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)

Legislative requirements

Obligations under the *Environmental Protection Act 1994*

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- 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.

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.dnrm.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.

Environmentalil relevant activities	Location
ERA 63 (2) Sewage treatment – operating a sewage pumping station (1)(b)	Lot 11 Plan SP197731- 3103 Ipswich Road WACOL QLD 4076

Conditions of environmental authority

The environmentally relevant activitie(s) conducted at the location(s) as described above must be conducted in accordance with the following conditions of approval.

Agency interest: General	
Condition number	**Condition**
G1	**Flooding** The **operator** must, when considering **major upgrades** of **existing pumping stations**, undertake a review of the construction and consider improvements to reduce the potential for storm and flood **waters** to enter the pump well.
G2	**Maintenance of measures, plant and equipment** The **operator** must: (a) maintain all measures, plant and equipment in an effective condition and keep records of the maintenance (b) operate such measures, plant and equipment in an effective manner.
G3	**Integrated environmental management system (IEMS)** For **existing pumping stations** the **operator** must document and comply with an IEMS within 12 months of the date this **approval** takes effect.
G4	The IEMS must identify all causes of **environmental harm** including, but not limited to, the actual and potential release of any contaminants, the nature of the **environmental harm** and the actions that will be taken to prevent **environmental harm** being caused.
G5	The IEMS must achieve the following outcomes: (a) environmental aspects *and potential impacts are* identified; (b) a contingency plan and emergency response plan are in place; (c) a network plan of the sewage collection system including connected pumping stations and likely overflow points is maintained; (d) control measures that minimise the potential for **environmental harm** are in place; (e) organisational structures, accountability and responsibilities are recorded; (f) effective, practical communication arrangements, including documentation of such; (g) all contaminant releases, and an estimate of their impact on the receiving environment are recorded; and (h) staff are trained and aware of the requirements of this **approval**.
G6	**Contingency plan** For **existing pumping stations** the **operator** must document and comply with a contingency plan within 24 months of the date this **approval** takes effect.

G7	For **existing pumping stations** the **operator** must document and comply with a contingency plan within 24 months of the date this **approval** takes effect. The contingency plan must consider: (a) emergency storage; or (b) standard connections for emergency by-pass pumping; or (c) standard connections for mobile generators (where practical), or a back-up power source that automatically starts in the event of power failure pump (where practical); and (d) stand-by pumping equipment and associated controls; and (e) identification of critical components and a system to ensure adequate and timely access to spare parts; and (f) access for maintenance and emergency activities; and (g) testing and validation of any relevant equipment used or related to the contingency plan as necessary.
G8	**Emergency response plan** For **existing pumping stations** the **operator** must document and comply with an emergency response plan within 24 months of the date this **approval** takes effect.
G9	The emergency response plan must provide for: (a) an implementation manual; (b) staff training; (c) identification of the part of the environment to which a sewage release may occur (e.g. for water bodies, a description of where contaminants may enter the particular water body); (d) remediation and clean-up of areas affected by sewage releases; (e) receiving environment (surface **waters/**land) monitoring program for all notifiable releases to examine and assess environmental impacts; and (f) ongoing investigation and review to establish the cause of sewage releases, initiate corrective and/or preventative measures, and report on the effectiveness of such corrective and/or preventative measures.
G10	**The sewage overflow abatement plan** For **existing pumping stations** the **operato**r must document and comply with a sewage overflow abatement plan within 24 months of the date this **approval** takes effect.
G11	The sewage overflow abatement plan must consider the existing performance and trends, and the potential receiving environment of the pumping station. It must: (a) identify where the greatest risks of causing **environmental harm** are; (b) identify and evaluate measures in place to reduce the incidence of overflows; (c) develop a program of works with a timetable for implementation; and (d) assess performance and trends for any implemented works.
G12	**Records** The **operator** must record, compile and keep all maintenance and monitoring results, plans and documents required by this **approval** and present this information to an **authorised person** or the **administering authority** when requested.
G13	**Release to land and waters** The **operator** must ensure that contaminants are not released to land or **waters** (including the bed and banks of any **waters**) as a result of the **activity**.

G14	**Notifiable release** The **operator** must notify the **administering authority** via the 24 hour Pollution Hotline or the district office no later than three hours after becoming aware of a sewage release that: (a) poses a threat to public health (e.g. contamination of **waters** with primary recreation values); (b) results in any observable environmental impact (e.g. fish kill, distress to wildlife, marine plants or other aquatic life); (c) discharges to, or is likely to impact, a sensitive environment (e.g. Ramsar wetland, marine park, or area designated as a conservation zone *under* a relevant planning scheme); or (d) is 10 000 L or more during dry weather.
G15	Within 24 hours after becoming aware of a notifiable release in accordance with condition **G14**, email or written notification of the release must be submitted to the **administering authority** outlining the event, its nature and the circumstances in which it happened.
G16	A final report must be provided to the **administering authority** within 14 business days of the conclusion of the spill response and remediation of a notifiable release, but no later than 20 business days after the commencement of the release.
G17	**General release monitoring** All releases must be reported to the **administering authority** in the form of an annual report by 30 September covering the period 1 July-30 June of the previous year.
G18	Annual reports outlining all releases in accordance with condition **G17** must clearly identify: (a) the waste water treatment plant which the pumping station is connected to; (b) the number of releases; (c) the volume (or estimate of the volume) of *each* release; (d) the location of each release by suburb post code; and (e) if the release was reported under ss. 320 - 320G of the *Environmental Protection Act 1994.*
G19	**Monitoring** The operator must ensure that all monitoring, assessments and reports required by this **approval** are conducted by a person with appropriate experience and/or qualifications. Water monitoring must be undertaken in accordance with the **administering authority's** Water Quality Sampling Manual and other relevant standards.
G20	**Trained/experienced operator(s)** The **operator** must ensure that the daily **operation** and maintenance of the pumping station is carried out by a person with experience and/or qualifications appropriate to ensuring the effective **operation** of the pumping station.
G21	**Equipment calibration** The **operator** must ensure that all instruments, equipment and measuring devices used for measuring or monitoring in accordance with any condition of this **approval** are calibrated, operated and maintained in accordance with the manufacturer's specifications.

G22	**Complaint response** The **operator** must record the following details for all complaints received and this information must be provided to an **authorised person** or the **administering authority** on request: (a) time, date, name and contact details of the complainant; (b) reasons for the complaint; (c) any investigation undertaken; (d) conclusions formed; and (e) any actions taken.
Agency interest: Air	
Condition number	**Condition**
A1	**Air nuisance** The **operator** must ensure that the release of odours or airborne contaminants resulting from the **activity** do not cause **environmental nuisance** at a nuisance **sensitive place** or **commercial place**.
Agency interest: Water	
Condition number	**Condition**
W1	**Responding to potential release** The **operator** must ensure that there are appropriate physical systems in place to anticipate a potential release.
W2	Any system developed in line with condition **W1** must be able to operate for a sufficient time to allow for notification of the potential release to the **operator** and an appropriate response.
W3	Any identification of a potential release must be responded to by the **operator**.
Agency interest: Noise	
Condition number	**Condition**
N1	N**oise nuisance** The **operator** must ensure that noise resulting from the **activity** does not cause **environmental nuisance** at a nuisance **sensitive place** or **commercial place**.
N2	**Noise monitoring** When requested by the **administering authority**, the **operator** must undertake noise monitoring to investigate any complaint of noise nuisance. The monitoring must be undertaken and results must be notified to the **administering authority** in the format and within the time specified by the **administering authority**. Monitoring must include: (a) measurement of $\mathbf{L_{A90,\ adj,\ 15\ mins}}$; (b) measurement of $\mathbf{L_{A10,\ adj,\ 10\ mins}}$;

	(c) measurement of $L_{Aeq.\ adj,\ 10\ mins}$; (d) the level and frequency of occurrence of impulsive or tonal noise; (e) atmospheric conditions including wind speed and direction; (f) effects due to extraneous factors such as traffic noise; and (g) the location, date and time of monitoring.
N3	The **operator** must ensure that the method of measurement and reporting of noise levels complies with the latest edition of the **administering authority's** Noise Measurement Manual.

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.

One in 100 year flood level means the level reached by a flood event with an annual recurrence interval of one in **100** years.

Activity means ERA 63 (2).

Administering authority means the Department of Environment and Heritage Protection, or the department responsible *for administering* the *Environmental Protection Act 1994.*

Authorised person means a person authorised under the *Environmental Protection Act 1994.*

Approval means a notice of 'Development Application Decision' or notice of 'Concurrence Agency Response' under the *Sustainable Planning Act 2009.*

Commercial place means a place used as an office or for business or commercial purposes.

Environmental harm (as defined in Section 14 of the *Environmental Protection Act 1994)* is any adverse effect, or potential adverse effect (whether temporary or permanent and of whatever magnitude, duration or frequency) on an environmental value, and includes environmental nuisance. Environmental harm may be caused by an activity:

(a) whether the harm is a direct or indirect result *of* the activity; and
(b) whether the harm results from the activity alone or from the combined effects of the activity and other activities or factors.

Environmental nuisance (as defined in Section 15 of the *Environmental Protection Act 1994)* means— 'unreasonable interference or likely interference with an environmental value' caused by: aerosols, fumes, light, noise, odour, particles or smoke an unhealthy, offensive or unsightly condition because of contamination another way prescribed by regulation.

Existing pumping stations means pumping stations that were constructed before 1 January 2009.

$\mathbf{L_{A\ 90,\ adj,\ 10\ mins}}$ means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 90 per cent of any 15 minute measurement period, using fast response.

$\mathbf{L_{A\ 10,adj,\ 10\ mins}}$ means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 10 per cent of any 10 minute measurement period using fast response.

$\mathbf{L_{A\ eq,\ 10\ mins}}$ means the equivalent continuous A-weighted sound pressure level of the residual noise determined over a specified time interval.

Major upgrades means upgrades which will involve expenditure in excess of $150 000. This figure is relevant as of 1 January 2012 and wall increase by three per cent as of 1 January *hereafter.*

Operation means the development approved under this approval.

Operator means arty of the following: a person having the benefit of this approval the holder of a registration certificate *for this* approval anyone undertaking the activity to which this approval relates
Note: it is an offence to carry out work under an approval without a relevant registration certificate.

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Sensitive place means: a dwelling (including residential allotment, mobile home or caravan park, residential marina or other residential premises, motel, hotel or hostel a library, childcare centre, kindergarten, school, university or other educational institution a medical centre, surgery or hospital a protected area a public park or garden that is open to the public (whether or not on payment of money) for use other than for sport or organised entertainment.

Waters means all Queensland waters and includes rivers, streams, lakes, lagoons, ponds, swamps, wetlands, surface waters, bed and bank of any waters, dams, non-tidal or tidal waters (including the sea), any ground water and any part thereof.

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