Permit

Environmental Protection Act 1994

Environmental authority EPPR00217913

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

Environmental authority number: EPPR00217913

Environmental authority takes effect on 09-09-2020

Environmental authority holder(s)

Name(s)	Registered address
TRINITY BAY BARRAMUNDI PTY LTD	46 Walker Rd YORKEYS KNOB QLD 4878 Australia

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
ERA 01 - Aquaculture 2: Cultivating or holding marine, estuarine or freshwater organisms, other than crustaceans, in enclosures that are on land and have a total area of (b) more than 10ha but not more than 100ha	Lot 2 on RP894172
ERA 01 - Aquaculture 1: Cultivating or holding crustaceans in enclosures that are on land and have a total area of (b) more than 10ha but not more than 100ha	Lot 2 on RP894172
ERA 27 - Seafood processing Seafood processing (the relevant activity) consists of processing, in a year, 500t or more of seafood or seafood products	Lot 2 on RP894172

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.

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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, 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.

Derek Robson
Department of Environment and Science
Delegate of the administering authority
Environmental Protection Act 1994

Date issued: 09 September 2020

Enquiries:
Coastal and Marine Assessment
Department of Environment and Science

Phone: 1300 130 372
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Obligations under the *Environmental Protection Act 1994*

In addition to the requirements found in the conditions of this environmental authority, the holder must also meet their obligations under the EP Act, and the regulations made under the EP Act. For example, the holder must comply with the following provisions of the Act:

- general environmental duty (section 319)
- duty to notify environmental harm (section 320-320G)
- offence of causing serious or material environmental harm (sections 437-439)
- offence of causing environmental nuisance (section 440)
- offence of depositing prescribed water contaminants in waters and related matters (section 440ZG)
- offence to place contaminant where environmental harm or nuisance may be caused (section 443)

Conditions of environmental authority

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

Agency interest: General	
Condition number	**Condition**
1.A1	This environmental authority applies to the operation of not more than seventeen (17) prawn ponds and four (4) settling ponds at the licensed place having a combined total area of not greater than twenty two (22) hectares.
1.A2	No change, replacement or operation of any plant or equipment is permitted if the change, replacement or operation of the plant or equipment increases, or is likely to substantially increase, the risk of environmental harm above that expressly provided by this environmental authority. An example of a substantial increase in the risk of environmental harm is an increase of 10% or more in the quantity of the contaminant to be released into the environment.
1.A3	A copy of this environmental authority and a copy of the Integrated Environmental Management System must be kept at the licensed place in a location readily accessible to personnel carrying out the activities.
1.A4	The holder of this environmental authority shall ensure that operation and maintenance of the environmentally relevant activities is carried out by or under the supervision of a person who is competent to operate and maintain the facilities.
1.A5	Any record or document required to be kept by a condition of this environmental authority must be kept at the licensed place for a period of at least five (5) years and be available for examination by an authorised person. For daily and weekly records, the record retention requirements of this condition will be satisfied if any daily and weekly records are kept for a period of at least three (3) years and these records are then kept in the form of annual summaries after that period.

1.A6	All determinations of the quality of contaminants released to the environment that are required by this environmental authority must be undertaken by a person or body possessing appropriate experience and qualifications to perform the required determinations and the required measurements.
1.A7	All instruments and devices used for the measurement or monitoring of any parameter under any condition of this environmental authority must be calibrated, and appropriately operated and maintained.
1.A8	The holder of this environmental authority must: (a) develop and implement an Integrated Environmental Management System which provides for the following functions: (i) the monitoring of releases of contaminants into the environment and an environmental assessment of the releases; and (ii) staff training and awareness of environmental issues; and (iii) the conduct of environmental and energy audits; and (iv) waste prevention, treatment and disposal; and (v) a program for continuous improvement; and (vi) reporting arrangements on the effectiveness of the environmental management of the activities.
1.A9	The holder of this environmental authority must advise the administering authority in writing when the commitments made in the IEMS submission have been fully implemented.
1.A10	Any amendment to the approved IEMS must be submitted to the administering authority with the Annual Return following the amendment.
1.A11	Waste Management: Nil conditions.
1.A12	All complaints received by the holder of this environmental authority relating to releases of contaminants from operations at the licensed place must be recorded and kept with the following details: (a) time, date and nature of complaint; (b) type of communication (telephone, letter, personal etc.); (c) name, contact address and contact telephone number of complainant (*Note: if the complainant does not wish to be identified then "Not identified" is to be recorded*); (d) response and investigation undertaken as a result of the complaint; (e) name of person responsible for investigating complaint; and (f) action taken as a result of the complaint investigation and signature of responsible person.
1.A13	Where the holder of this environmental authority has not given notification to the administering authority under section 320 of the *Environmental Protection Act*, as soon as practicable after becoming aware of any emergency or incident which results in the release of contaminants not in accordance, or reasonably expected to be not in accordance with the conditions of this environmental authority, the holder of this environmental authority must notify the administering authority of the release by telephone or facsimile.
1.A14	Where the holder of this environmental authority has not given notification to the administering authority under section 320 of the *Environmental Protection Act*, the notification of emergencies or incidents as required by condition number (1.A13) must include but not be limited to the following: (a) the holder of this environmental authority; (b) the location of the emergency or incident; (c) the number of the environmental authority; (d) the name and telephone number of the designated contact person; (e) the time of the release; (f) the time the holder of this environmental authority became aware of the release;

	(g) the suspected cause of the release; (h) the environmental harm and or environmental nuisance caused, threatened, or to be caused by the release; and (i) actions taken to prevent further any release and mitigate any environmental harm and or environmental nuisance caused by the release.
1.A15	The holder of this environmental authority must notify the administering author writing within twenty-eight (28) days of completion of analysis of any result of a monitoring program required by a condition of this environmental authority which indicates an exceedance of any limit specified in this environmental authority.
1.A16	The written notification required by condition number (1.A16) above must include: (a) the full analysis results; (b) and details of investigation or corrective actions taken; (c) and any subsequent analysis.
Agency interest: Air	
Condition number	**Condition**
1.B1	Notwithstanding any other condition of this environmental authority, no release of contaminants from the carrying out of the environmentally relevant activity is to cause a noxious or offensive odour at any odour sensitive place.
Agency interest: Water	
Condition number	**Condition**
1.C1	Contaminants must not be released directly or indirectly from any source on the licensed place to any waters at any location other than from: Release Point W1: Aquaculture Ponds to Richters Creek, via the discharge channel indicated in the site plan in condition number (J1) of this environmental authority; and Release Point W2: Aquaculture Ponds to Thomatis Creek, via the discharge channel indicated in the site plan in condition number (J1) of this environmental authority.
1.C2	The total quantity of contaminants (prawn pond and seafood processing effluent) released from Release Point W1 and Release Point W2 during any dry weather day must not exceed 17,000 cubic metres.
1.C3	The release of contaminants to waters from Release Points VV1 and W2 must comply with the limits for each quality characteristic specified in Table 1.C3.

Table 1.C3 - Schedule C - Release Quality Characteristic Limits

Quality characteristic	Discharge Limit	Limit Type
pH (pH Units)	6.5 to 8.5	range
Dissolved Oxygen (mg/L)	4.0	Minimum
5-day Biochemical Oxygen Demand (mg/L)	20 30	80th percentile maximum

	Suspended Solids (mg/L)	25 100	80th percentile maximum
	Total Nitrogen (mg/L)	1.5 4.0	80th percentile maximum
	Chlorophyll a (µg/L)	100	maximum
	Phosphorus as P (mg/L)	0.1 0.5	80th percentile maximum
1.C4	The release of contaminants to waters from Release Points W1 and W2 must not produce any slick or other visible floating oil, grease, scum or litter.		
1.C5	As far as is practicable, the release of contaminants to waters should only occur from one (1) hour after local high tide until one (1) hour before local low tide. Any releases outside this time range must be recorded in writing by the holder of the environmental authority.		
1.C6	Any wastewaters generated from seafood processing on the licensed place must be discharged to a treatment/settlement pond to remove contaminants prior to any discharge to the environment.		
1.D1	The environmentally relevant activities must be carried out by such practicable means necessary to prevent or minimise the contact of incident rainfall and stormwater runoff with aquaculture wastes or other contaminants, and prevent or minimise the release or likelihood of release of contaminated stormwater runoff from the licensed place.		
1.D2	Potential or actual acid sulphate soils must not be disturbed during the construction process or used for construction of either aquaculture or settlement ponds.		
1.D3	The aquaculture and settlement ponds must have a permeability of not more than 1×10^{-8} metres/second.		
1.D4	All chemical and fuel tank storages must be bunded so that the capacity of the bund is sufficient to contain at least 100% of the largest storage tank plus ten (10) percent of the second largest tank within the bund.		
1.D5	All chemical and fuel drum storages must be bunded so that the capacity of the bund is sufficient to contain at least twenty-five (25) percent of the maximum design storage volume within the bund.		
1.D6	All bunding must be constructed of materials which are impervious to the materials stored.		
1.D7	The base and walls of all bunded areas must be maintained free from gaps or cracks.		
1.D8	All required pipework from the bunded areas must be: (a) directed over the bund wall; or (b) effectively sealed against leakage if passing through the bund wall.		
1.D9	The holder of this environmental authority must ensure that: (a) drip trays and containers are positioned under taps fitted to chemical and detergent containers to collect drips and prevent residual liquid within the tap and associated pipe fittings from discharging freely; and (b) the drip trays and containers are cleaned regularly.		
1.D10	All empty drums must be stored with their closures in place.		
1.D11	The daily quantity of contaminants released from Release Point W1 and Release Point W2 must be determined daily by a method acceptable to the administering authority.		

1.D12	Records must be kept of the results of all determinations of the daily quantity of contaminants released to waters.
1.D13	The holder of this environmental authority is responsible for determining the quality of contaminant released to waters from each of Release Points W1 and W2 by determining those quality characteristics specified in Table 1.D13. When a discharge is occurring such determinations must be carried out at each of the release points as often as is necessary to check compliance with this environmental authority but not less frequently than the frequency shown in the table.

Table 1.D13 - Required Release Point Determinations

QUALITY CHARACTERISTIC DETERMINATION	MINIMUM SAMPLING FREQUENCY
pH	Weekly
Dissolved Oxygen	Weekly
5-day Biochemical Oxygen Demand	Monthly
Suspended Solids	Monthly
Total Nitrogen	Monthly
Chlorophyll a	Monthly
Phosphorus as P	Monthly

Agency interest: Land	
Condition number	**Condition**
1.E1	Land application; Nil conditions.
1.E2	Any material likely to be disturbed for construction of the new ponds must be laboratory tested for Acid Sulfate Potential in accordance with methods prescribed in the 1998 Department of Natural Resources "*Guidelines for the sampling and analysis of lowland Acid Sulfate Soils (ASS) in Queensland*" prior to construction.
1.E3	Records must be kept of the results of all determinations of Acid Sulfate Potential of the in-situ sampling of any material likely to be disturbed.

Agency interest: Noise	
Condition number	**Condition**
1.F1	In the event of a complaint about unreasonable noise generated on the licensed place that the administering authority considers to be neither frivolous nor vexatious, then the holder of this environmental authority must take action to ensure that the noise is no longer unreasonable.

Definitions

Key terms and/or phrases bolded in this environmental authority 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.

Act means the *Environmental Protection Act 1994.*

Administering authority means the Department of Environment and Science or its successors or predecessors.

Dry weather day refers to a day during which no rain falls within the catchment of the sewage treatment plant from the commencement of measurement for that day. The term also excludes days during which measurement is made which occur within three (3) days following cumulative rainfall of 100mm over the three (3) preceding days.

80th percentile means that the measured values of the quality characteristic must not be greater than the release limit for any more than one out of five consecutive samples.

Holder of this environmental authority means SGQ Pty Ltd.

Licensed place means Lot 2, Plan RP894172, located at Walker Road, Yorkeys Knob, QLD 4878.

Maximum means that the measured valued of the quality characteristic or contaminant must not be greater than the release limit stated.

µ/L means micrograms per litre.

mg/L means milligrams per litre.

Minimum means that the measured valued of the quality characteristic or contaminant must not be less than the release limit stated.

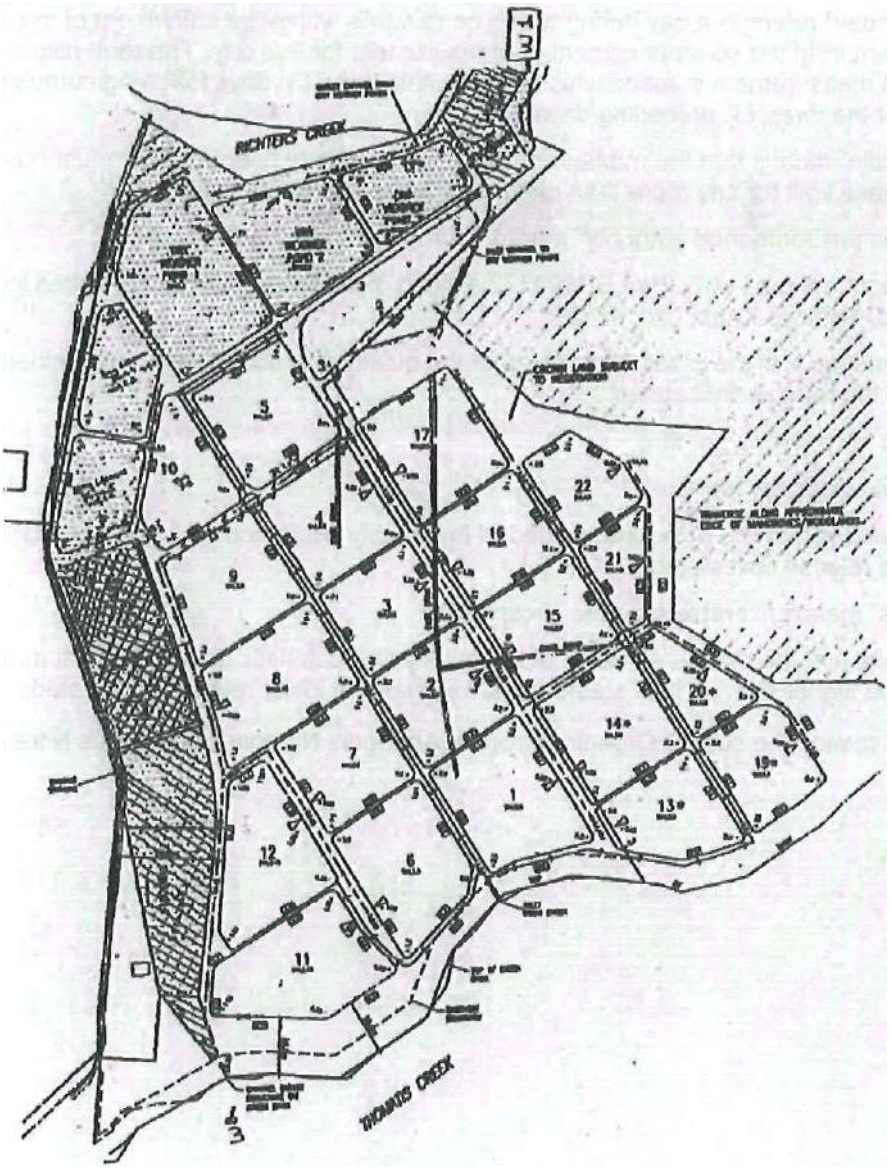
Phosphorus means filterable reactive phosphorus.

Range means that the measured value of the quality characteristic or contaminant must not be more than the higher release limit stated nor lower than the lower release limit stated.

Total Nitrogen means the sum of Organic Nitrogen, Ammonia Nitrogen, Nitrite plus Nitrate Nitrogen.

Schedule 14 – Site plan

Location Plan Showing Premises and Contaminant Release Points



END OF ENVIRONMENTAL AUTHORITY

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