Permit

Environmental Protection Act 1994

Environmental authority EPPR00215213

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

Environmental authority number: EPPR00215213

Environmental authority takes effect on 3 October 2024.

The anniversary date of this environmental authority is 31 August each year.

Environmental authority holder(s)

Name(s)	Registered address
Seafarm Queensland Pty Ltd	Level 11, 255 St Georges Terrace PERTH WA 6000

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
ERA 1 Aquaculture (1)(a) – Cultivating or holding crustaceans in enclosures that are on land and have a total area of more than 100m^2 but less than 10ha.	Lot 235 on NR7590 112 Ella Bay Road FLYING FISH POINT QLD 4860

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).

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:

Queensland Government

- 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.

The anniversary day of this environmental authority is the same day each year as the effective date. The payment of the annual fee will be due each year on this day. An annual return will be due each year on 01 April.

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.

Amanda Gray	3/10/2024
Signature	Date

Amanda Gray
Department of Environment, Science and Innovation
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:
Coastal and Marine Assessment
Department of Environment, Science and Innovation

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)

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

GENERAL	
G1	**Compliance with Environmental Authority** In carrying out the environmentally relevant activity, **you** must take all reasonable and practical measures to minimise releases and the likelihood of releases of contaminants to the environment, except as otherwise provided by the conditions of this environmental authority.
G2	**You** must: (a) install and operate all works and control equipment; and (b) take all measures, perform all acts and do all things, necessary to ensure compliance with the conditions of this environmental authority.
G3	**Display of Environmental Authority** A copy of this environmental authority must be kept in a location readily accessible to personnel carrying out the activity.
G4	**Records** 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. 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.
G5	Copies of any record required to be kept by a condition of this environmental authority must be provided to any authorised person or the **administering authority** on request.
G6	**Alterations** No change, replacement or operation of any plant or equipment is permitted if the changes, 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.
G7	**Calibration** 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.
G8	**Nuisance** Notwithstanding any other condition of this environmental authority, this environmental authority does not authorise any release of contaminants which causes or is likely to cause an environmental nuisance beyond the boundaries of the licensed place.
AIR	

A1	Notwithstanding any other conditions of this environmental authority, no release of contaminants from the licensed place is to cause a noxious or offensive odour beyond the boundaries of the licensed place.
WATER	
WT1	**Release of Contaminants to Waters** Contaminants must not be directly or indirectly released from the licensed place to any waters or the bed and banks of any waters except as permitted under the Water conditions or the Stormwater Management conditions of this environmental authority, or to a sewer as permitted or otherwise agreed from time to time by the Local Government.
WT2	The only contaminants permitted to be released from the licensed place at the Release Points W1, W2, W3, W4 as shown in Schedule 1 – Appendix 1 Site Plan, are aquaculture wastes from the hatchery and grow-out ponds.
WT3	**Release Points** Contaminants must not be directly or indirectly released from the licensed place to any waters at any location other than the contaminants and sources at the locations listed below: (a) Release Points W1, W2, W3, W4 – Aquaculture wastes to waters described as an unnamed swamp east of the premises.
WT4	**Quantity of Contaminants Released** The total quantity of contaminants released from Release Points W1, W2, W3, W4 during any day must not exceed 6,200 cubic metres in total.

<table>
<tr><td>WT5</td><td>

Quality Characteristics of Release to Waters

Cardwell Aquaculture Farm

The release of contaminants to waters must comply, at the sampling and in-situ measurement point(s) specified in condition number MR5, with each of the limits specified in *Table 1: Release Quality Characteristics Limits*, for each quality characteristic.

Table 1: Release Quality Characteristics Limits

<table>
<tr><th>Quality Characteristics</th><th>Release Point</th><th>Discharge Limit</th><th>Limit Type</th></tr>
<tr><td>Suspended Solids (mg/L)</td><td>W1, W2, W3, W4</td><td>50 / 70 / 200</td><td>Median / 80th Percentile / Maximum</td></tr>
<tr><td>pH (pH Units)</td><td>W1, W2, W3, W4</td><td>6.5 – 8.7</td><td>Range</td></tr>
<tr><td>Dissolved Oxygen (mg/L)</td><td>W1, W2, W3, W4</td><td>3.5</td><td>Minimum</td></tr>
<tr><td>Total Nitrogen (mg/L)</td><td>W1, W2, W3, W4</td><td>2.0 / 2.5 / 5.0</td><td>Median / 80th Percentile / Maximum</td></tr>
<tr><td>Chlorophyll a (µg/L)</td><td>W1, W2, W3, W4</td><td>50 / 200</td><td>80th Percentile / Maximum</td></tr>
<tr><td>Total Phosphorus as P (mg/L)</td><td>W1, W2, W3, W4</td><td>0.40 / 0.60</td><td>Median / Maximum</td></tr>
</table>

</td></tr>
<tr><td>WT6</td><td>For all parameters in *Table 1: Release Quality Characteristic Limits*, except dissolved oxygen concentration, where a **median** and/or **80th percentile** and/or **maximum** limit is specified, the set of data describing the release quality characteristics must have a **median** lower in value than the **median** limit and/or an **80th percentile** lower in value than the **80th percentile** limit and/or a **maximum** lower in value than the **maximum** limit.</td></tr>
<tr><td>WT7</td><td>For dissolved oxygen concentration, the set of data describing the release quality characteristics must have a **minimum** higher in value than the **minimum** limit.</td></tr>
<tr><td>WT8</td><td>The release must not produce any slick or other visible evidence of oil or grease, nor contain visible floating oil, grease, scum, litter or other objectionable matter.</td></tr>
<tr><td colspan="2">STORMWATER MANAGEMENT</td></tr>
<tr><td>SM1</td><td>Pond Sludge Conditions Areas
Runoff from pond sludge stockpiles must be managed so that it does not directly enter natural waterways.</td></tr>
<tr><td colspan="2">WASTE</td></tr>
<tr><td>W1</td><td>You must not:
(a) burn waste at or on the licensed place; nor</td></tr>
</table>

<table>
<tr><td></td><td>(b) allow waste to burn or be burned or on the licensed place; nor
(c) remove waste from the licensed place and burn such waste elsewhere.</td></tr>
<tr><td colspan="2">NOISE</td></tr>
<tr><td>N1</td><td>Emission of Noise
The environmentally relevant activity must be carried out by such practicable means necessary to prevent the emission or likelihood of emission of noise that constitutes environmental nuisance.</td></tr>
<tr><td>N2</td><td>Where it is not practicable to prevent any emission of noise as required by condition number N1, the environmentally relevant activity must be carried out by such practicable means necessary to minimise any such emission of noise that constitutes annoyance.</td></tr>
<tr><td>N3</td><td>In the event of a complaint about noise that constitutes annoyance being made to the administering authority, that the administering authority considers is not frivolous or vexatious, then the emission of noise from the licensed place must not result in levels greater than those specified in Table 2: Noise Limits.
Table 2: Noise Limits
<table>
<tr><th>Noise Level at a Noise Sensitive Place Measured as the Adjusted Maximum Sound Pressure Level $L_{(Amax\ adj,\ T)}$</th><th>Period</th></tr>
<tr><td>Background noise level plus 5 dB(A)</td><td>7am – 6pm</td></tr>
<tr><td>Background noise level plus 5 dB(A)</td><td>6pm – 10pm</td></tr>
<tr><td>Background noise level plus 3 dB(A)</td><td>10pm – 7am</td></tr>
<tr><th>Noise Level at a Commercial Place Measured as the Adjusted Maximum Sound Pressure Level $L_{(Amax\ adj,\ T)}$</th><th>Period</th></tr>
<tr><td>Background noise level plus 10 dB(A)</td><td>7am – 6pm</td></tr>
<tr><td>Background noise level plus 10 dB(A)</td><td>6pm – 10pm</td></tr>
<tr><td>Background noise level plus 8 dB(A)</td><td>10pm – 7am</td></tr>
</table></td></tr>
<tr><td colspan="2">MONITORING AND REPORTING</td></tr>
<tr><td>MR1</td><td>Complaint Recording
All complaints received by you, relating to releases of contaminants from operations at the licensed place must be recorded and kept in a log book 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 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</td></tr>
</table>

<table>
<tr><td></td><td>(f) action taken as a result of the complaint investigation and signature of the responsible person.</td></tr>
<tr><td>MR2</td><td>Monitoring of Volume of Release
The daily quantity of contaminants released must be determined by a method which is accurate to within 10% of the actual amount released.</td></tr>
<tr><td>MR3</td><td>Records must be kept of the results of all determinations of the daily quantity of contaminants released to waters.</td></tr>
<tr><td>MR4</td><td>Monitoring of Contaminant Release to Waters
You are responsible for the making of determinations and keeping of records of the quality of the contaminants released for the release points, quality characteristics, and at the frequency specified in Table 3: Required Release Point Determinations.
Table 3: Required Release Point Determinations
<table>
<tr><th>Determination Required</th><th>Release Point Numbers</th><th>Frequency</th></tr>
<tr><td>Suspended Solids</td><td rowspan="6">Any of W1, W2, W3 or W4</td><td rowspan="6">Twice annually</td></tr>
<tr><td>pH</td></tr>
<tr><td>Dissolved Oxygen</td></tr>
<tr><td>Total Nitrogen</td></tr>
<tr><td>Total Phosphorus</td></tr>
<tr><td>Chlorophyll a</td></tr>
</table></td></tr>
<tr><td>MR5</td><td>Sampling and Monitoring Point Details
Determinations of the quality of contaminants released to waters to check conformity with the release quality characteristics specified in the Water conditions of this environmental authority must be undertaken at the sampling and measurement point(s) described as:
(a) Any one of W1, W2, W3, W4, provided the sample is from grow-out pond discharge waters, or a combination of grow-out pond/harvest discharge waters.</td></tr>
<tr><td>MR6</td><td>All determinations of the quality of contaminants released to waters must be made in accordance with methods prescribed in the administering authority's Water Quality Sampling Manual, 2nd Edition, February 1995, or more recent additions or supplements to that document as such become available.</td></tr>
<tr><td>MR7</td><td>All determinations of the quality of contaminants released must be performed by a person or body possessing appropriate experience and qualifications to perform the required measurements.</td></tr>
<tr><td>MR8</td><td>Report Submission
The results of the release point monitoring program must be submitted to the administering authority as soon as they become available.</td></tr>
</table>

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.

Administering authority means the Department of Environment and Heritage Protection or its successor or predecessors.

Background noise level means $L_{(A90, T)}$ being the A-weighted sound pressure level exceeded for 90 percent of the time period not less than fifteen (15) minutes using Fast response.

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

$L_{(Amax\ adj, T)}$ means the average maximum A-weighted sound pressure level, adjusted for noise character measured over a time period of not less than fifteen (15) minutes, using Fast response.

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

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.

mg/L means milligrams per litre.

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

Noise sensitive place means:

(a) a dwelling, 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; or

(f) a park or gardens.

Range means that the measured value of the quality characteristic or contaminant must not be greater 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.

You means the holder of the environmental authority.

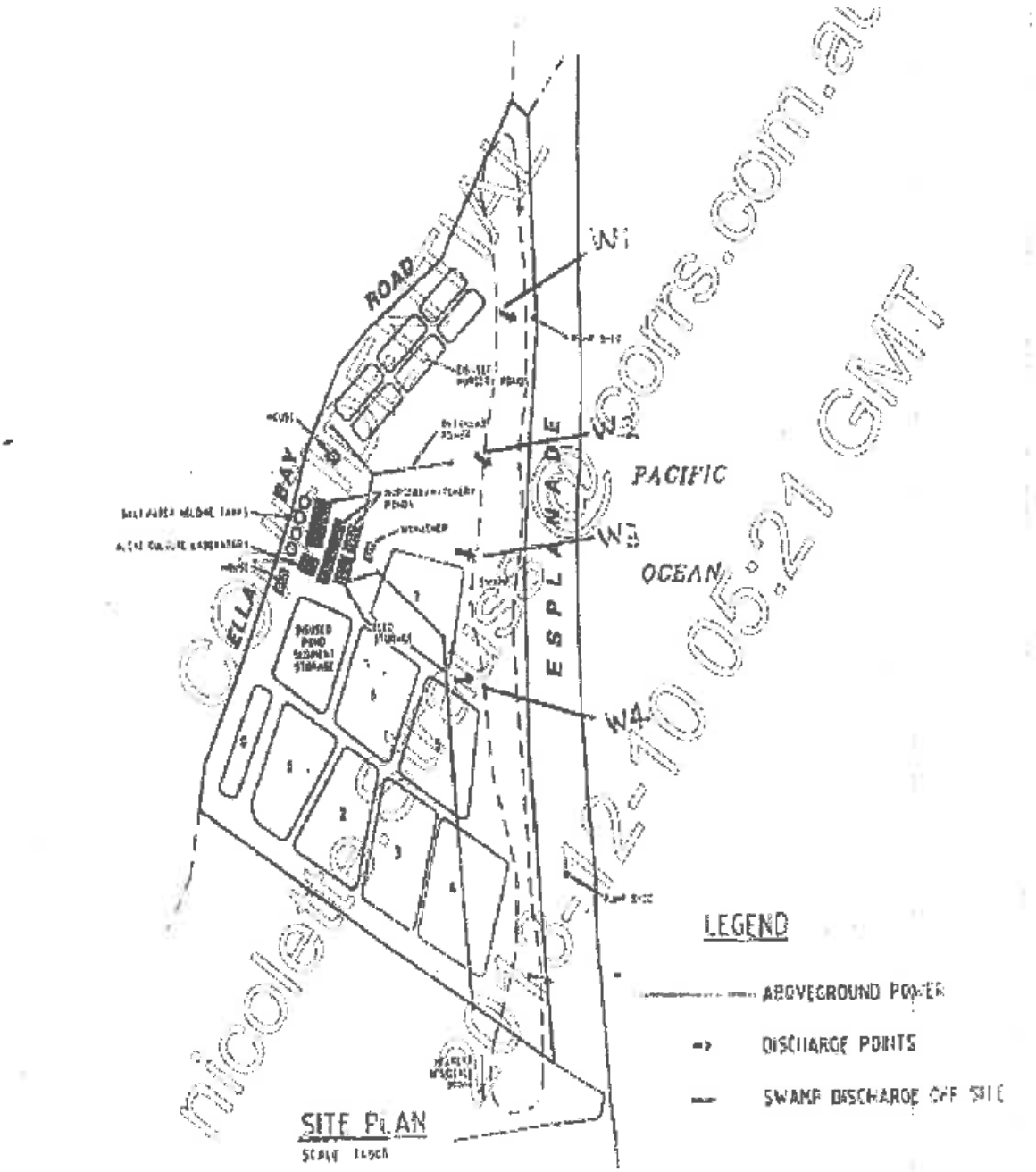
80^{th} percentile means that the measured values of the quality characteristic must not be greater than the release limit for any more than one out of five consecutive samples where the time interval between the taking of each consecutive sample is not less than three days.

Appendices

Appendix 1 – Site Plan

Lot 235 on Plan NR7590

Aquaculture Ponds and Release Points W1, W2, W3 and W4.



END OF ENVIRONMENTAL AUTHORITY