Permit

Environmental Protection Act 1994

Environmental authority EPPR00432913

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

Environmental authority number: EPPR00432913

Environmental authority takes effect on day the authority is issued.

The anniversary date of this environmental authority is the 14 August each year. The payment of the annual fee will be due each year on this day.

Environmental authority holder(s)

Name(s)	Registered address
YUN JI FAMILY PTY LTD	118 Hawthorn Cct STRETTON QLD 4116

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
ERA 01 - Aquaculture - 1(a) - Cultivating or holding crustaceans in enclosures that are on land and have a total area of more than 100 square metres	102/CK495

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.

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

13 May 2024

Date

Casey Sirl
Department of Environment, 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@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

Schedule A – General Conditions	
A1	**Access to Copy of Environmental Authority** A copy of this environmental authority must be kept in a location readily accessible to personnel carrying out the activity.
A2	**Records** Any record or document required to be kept by a condition of this environmental authority must be kept at the place to which the approval relates 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 leas three (3) years and these records are then kept in the form of annual summaries after that period.
A3	**Alterations** 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% of more in quantity of the contaminant to be released into the environment.
A4	**Monitoring and Measurements** All determinations of the quality of contaminants released to the environment and all measurement and reporting of noise levels that are required by this environmental authority must be undertaken by a person of body possessing appropriate experience and qualifications to perform the required determinations and the required measurements.
A5	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.
A6	**Site-Based Management Plan** You must: (a) develop and implement a **Site-Based Management Plan** which provides for the following functions: (i) the development and implementation of the **Stormwater Management Plan**; (ii) the development and implementation of the **Noise Management Plan**; (iii) the development and implementation of the **Waste Management Program**; (iv) routine operating procedures to prevent or minimise environmental harm; and (v) maintenance practices and procedures; and (vi) contingency plans and emergency procedures to deal with foreseeable risks and hazards; and

	(vii) monitoring of the release of contaminants into the environment; and (viii) assessment of the environmental impact of any releases of contaminants into the environment; and (ix) handling of environmental complaints; and (x) keeping and production of environmental records and reports; and (xi) staff training and awareness of environmental issues. (b) on or before **14 August 2002** have completed and implemented the **Site-Based Management Plan**.
A7	You must: • keep at the licensed place, in a location readily accessible to personnel carrying out the activity, a copy of the **Site-Based Management Plan**; • review the **Site-Based Management Plan** on at least an annual basis; • submit copies of the **Site-Based Management Plan** with the annual return following any amendment to the **Site-Based Management Plan** which would result in a contravention of any condition of this environmental authority.
A8	**Competency** Ensure the operation and maintenance of plant and equipment associated with the activities covered by this environmental authority is carried out by or under the supervision of a person competent to operate and maintain the equipment.
A9	**Area of Ponds** This environmental authority applies to the operation of not more than 4 hectares of aquaculture ponds.
Schedule B – Air	
B1	**Odour** Activities which are subject of this environmental authority must be carried out in such a manner to ensure that no odour deemed offensive to an authorised person and caused by the activities can be detected beyond the boundaries of the place to which this environmental authority relates.
Schedule C – Water	
C1	**Non-Specified Releases of Contaminants to Water** Except as otherwise provided by the conditions of the Water Schedule of this environmental authority, the activities which are the subject of this environmental authority must be carried out by such reasonable and practicable means necessary to prevent the release or likelihood of release of contaminants to water.
C2	Where it is not practicable to prevent a release of contaminants to water as required by condition (C1), the activities must be carried out by such reasonable and practicable means necessary to minimise the release or likelihood of any such release of contaminants to water.

C3	**Release of Contaminants to Waters** The only contaminants to be released from the place to which this environmental authority relates at the designated release point is effluent from the prawn farm growout ponds.
C4	**Release Points** Contaminants that may cause environmental harm must not be directly or indirectly released from any source on the place to which this environmental authority relates to any waters at any location other than the contaminants and sources at the location listed in *Schedule C Table 1 – Permitted Waste Releases*.
C5	**Sampling and Monitoring Point Details** To check conformity with the release quality characteristics specified by condition (C7), determinations of the quality of contaminants released to waters must be undertaken at the sampling point(s) described in *Schedule C Table 1 – Permitted Waste Releases*.
C6	**Quantity and Quality of Contaminants Released** The total quantity of contaminants released from the release point during any day must not exceed 5,000m^3.
C7	The release of contaminants to waters must comply, at the sampling and *in situ* monitoring point specified in condition (C5), with each of the limits, and at the frequency specified by *Schedule C Table 2 – Quality of Contaminants Released* for each quality characteristic.

C8

Monitoring of the quality of contaminants released to waters must include but is not limited to samples taken at a time when **maximum** flow rate is occurring from the outlet.

Schedule C Table 1 – Permitted Waste Releases

Release Point	Release Point Description	Permitted Contaminant Releases
W1	Discharge structure from settling pond to unnamed tributary of the Elliot River	Aquaculture pond effluents

Schedule C Table 2 – Quality of Contaminants Released

Quality Characteristic	Release Point	Release Limit	Limit Type	Monitoring Frequency
Total Nitrogen (**mg L^{-1}**)	W1	1.0	**Mean**	Monthly while discharging
		4.0	**Maximum**	
Total Phosphorus (**mg L^{-1}**)		0.2	**Mean**	
		0.6	**Maximum**	
Dissolved Oxygen (**mg L^{-1}**)		4.0	**Minimum**	Daily while discharging
Suspended Solids (**mg L^{-1}**)		Equal to background	**Mean**	Monthly while discharging
		Background + 10%	**Maximum**	
pH		6.5 – 8.5	**Range**	Daily while discharging
Chlorophyll ‘a’		0.02	**Maximum**	Monthly while discharging
BOD5		10	**Mean**	
		20	**Maximum**	

Note – Background value to be obtained from impact monitoring in accordance with condition (C15) and (C16).

C9

All determinations of the quality of contaminants released to waters must be made in accordance with methods prescribed in the **Water Quality Sampling Manual**.

C10

All determinations of the quality of contaminants must be performed by a person or body possessing appropriate experience and qualifications to perform the required measurements.

C11

Time of Release

Except as provided for in condition (C12), the release of contaminants to waters from release point W1 may only occur from 1 hour after local high water until 1 hour before local low water.

C12

A passive release of contaminants to waters from release point W1 must not exceed 20 litres per minute from 1 hour before local low water until 1 hour after local high water.

C13	**Monitoring of Volume of Release** The daily volume of effluent released must be determined by a method which is accurate to within 10% of the actual amount.
C14	Records must be kept of the results of all determinations of the daily quantity of contaminants released to waters.
C15	**Impact Monitoring** Environmental Impact Monitoring must be conducted to determine the presence of any impacts to water quality of the receiving water including, but not limited to, the monitoring of the following water quality criteria monthly while discharging, at the time of the monitoring required by condition (C7): (a) pH; (b) dissolved oxygen; (c) total nitrogen; (d) total phosphorus; (e) chlorophyll 'a'; and (f) suspended solids.
C16	Determination of water quality to assess impacts being caused by the Environmentally Relevant Activity in accordance with condition (C15) must be undertaken at the monitoring point described as: Monitoring Point 1: located midstream, up current and 100 metres from the outlet of the final settlement pond.
C17	Environmental Impact Monitoring must be conducted to determine the presence of any impacts to groundwater quality due to seepage of pond water. Such monitoring must include, but is not limited to, the monitoring of the following water quality criteria on at least a quarterly basis: (a) pH; (b) dissolved oxygen; (c) total nitrogen; (d) total phosphorus; (e) chlorophyll 'a'; and (f) suspended solids.
C18	The holder of this Environmental Authority must prepare an interpretative report on an annual basis on the results of impact monitoring required by conditions (C15) and (C17).
C19	**Spillage Control** Washing, degreasing, servicing or other maintenance of vehicles, plant or other equipment must not occur on the licensed place in any area where resulting contaminants will or may be released to any stormwater drain, land or water.
C20	**Sediment Storage Area** Runoff from any designated pond sediment storage area must be directed in such a manner as to be retained within the catchment of the settlement ponds.

<table>
<tr><td>C21</td><td>Stormwater Management Plan
You must develop and implement a Stormwater Management Plan which:
• diverts uncontaminated stormwater away from contaminated areas;
• minimises the size of contaminated areas;
• contains and treats contaminated stormwater on site before allowing it to leave the site.</td></tr>
<tr><td colspan="2">Schedule D – Land Application</td></tr>
<tr><td>D1</td><td>Release of Contaminants to Land
The release of pond sediment to land must only occur in a dedicated pond sediment storage area which is located, designed and operated to prevent the release of contaminants to the environment.</td></tr>
<tr><td colspan="2">Schedule E – Noise</td></tr>
<tr><td>E1</td><td>Emission of Noise
Noise from the Environmentally Relevant Activity must not cause an environmental nuisance at any sensitive place.</td></tr>
<tr><td>E2</td><td>For the purpose of condition (E1), the environmentally relevant activity (ERA) will not cause environmental nuisance where noise from the ERA does not exceed the criteria specified in Schedule E Table 1 – Outdoors Noise Criteria.

Schedule E Table 1 – Outdoors Noise Criteria[1]
<table>
<tr><td rowspan="2">Sound pressure level dB(A) measured as</td><td colspan="3">Monday to Sunday (inclusive)</td></tr>
<tr><td>7am – 6pm</td><td>6pm – 10pm</td><td>10pm – 7am</td></tr>
<tr><td></td><td colspan="3">Noise measured outside a ‘sensitive place’</td></tr>
<tr><td>$L_{Amax\ adj,T}$[2]</td><td>Background[2] + 5 dB(A)</td><td>Background + 5 dB(A)</td><td>Background + 3 dB(A)</td></tr>
<tr><td></td><td colspan="3">Noise measured outside a ‘commercial place’</td></tr>
<tr><td>$L_{Amax\ adj,T}$</td><td>Background + 10 dB(A)</td><td>Background + 10 dB(A)</td><td>Background + 5 dB(A)</td></tr>
</table>
[1] Schedule E Table 1 – Outdoors Noise Criteria does not purport to set operating hours or noise limits for the ERA.
[2] Where “T” is 15 minutes and “Background” means background sound pressure level measured in accordance with the latest edition of the Environmental Protection Agency Noise Measurement Manual.</td></tr>
</table>

<table>
<tr><td>E3</td><td>The environmentally relevant activity (ERA) must not cause noise exceeding the limit specified in Schedule E Table 2 – Indoors Noise Limits, and for the purposes of condition (E1) the ERA will cause environmental nuisance where noise from the ERA exceeds the limit specified in Schedule E Table 2 – Indoors Noise Limits.

Schedule E Table 2 – Indoors Noise Limits
<table><tr><th colspan="2">Indoors noise limits for habitable rooms[1] of a “sensitive place”</th></tr><tr><th>Period</th><th>Measured as $L_{A90,\ Adj\ T}$ being the A-weighted sound pressure level exceeded for 90 percent of a time period not less than 15 minutes, using Fast response, adjusted for noise characteristics</th></tr><tr><td>10pm – 7am</td><td>30 dB(A)</td></tr></table>[1] “habitable room” means any room within the confines of a building comprising a sensitive place other than a garage, storage area, laundry, toilet, pantry, patio, veranda or deck.</td></tr>
<tr><td>E4</td><td>Noise Monitoring

Noise monitoring must be undertaken as directed by the administering authority to investigate any complaint about noise nuisance being caused by the environmentally relevant activity, which complaint in the opinion of an authorised person is not frivolous, vexatious nor based on mistaken belief, and the results thereof notified to the administering authority within 14 days following completion of monitoring. For the purposes of this condition, noise monitoring must be done by a competent person in accordance with the latest edition of the Environmental Protection Agency Noise Measurement Manual and include:

(a) outdoors $L_{A\ max\ adj,\ T}$ and/or indoor $L_{A90,\ Adj\ T}$;

(b) relevant outdoor background and sound level;

(c) the level and frequency of occurrence of impulsive or tonal noise;

(d) atmospheric conditions including wind speed and direction; and

(e) location, date and time of measurements.</td></tr>
<tr><td>E5</td><td>Noise Management Plan

You must carry out the environmentally relevant activities under a Noise Management Plan. The terms the Noise Management Plan must deal with include, but are not limited to, the following:

(a) measures to be taken under the plan to minimise the adverse effects of the noise relevant activity on the environmental values of the receiving environment; and

(b) who is responsible for carrying out each of the measures; and

(c) the recording of noise complaints received by the holder of this environmental authority. Details to be recorded include:

(i) time, date and nature of noise complaint;

(ii) type of communication (telephone, letter, personal etc);

(iii) 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);</td></tr>
</table>

	(iv) response and investigation undertaken as a result of the noise complaint; (v) name of person responsible for investigating the noise complaint; and (vi) action taken as a result of the complaint investigation and signature of responsible person.
Schedule F – Waste Management	
F1	**General** The holder of this environmental authority must develop and implement a **Waste Management Program** which addresses the following matters: • a description of the authorised activities that may generate waste; • the types and amounts of waste that may be generated by the authorised activities; • how the waste will be dealt with, including a description of the types and amounts of waste that will be dealt with under each of the waste management practices mentioned in the waste management hierarchy of Section 10 of the *Environmental Protection (Waste Management) Policy 2000*; • procedures for identifying and implementing opportunities to minimise the amount of waste generated, promote efficiency in the use of resources and otherwise improve the waste management practices employed; • procedures for dealing with accidents, spills and other incidents that may impact on the waste management; • details of any accredited management system employed or planned to be employed, to deal with the waste; • how often the performance of the waste management practices will be assessed; • the indicators or other criteria on which the performance of the waste management practices will be assessed; • staff training on matters relevant to waste management.

Definitions

For the purposes of this environmental authority the following definitions apply:

mg L^{-1} means milligrams per litre.

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

Administering authority means the Department of Environment, Science and Innovation or its successor at law.

Background noise level means either:

- LA90,T being the A-weighted sound pressure level exceeded for 90 percent of the time period of not less than 15 minutes, using fast response; or
- Ladj,T being the arithmetic average of the **minimum** readings measured in the absence of the noise under investigation during a representative time period of not less than 15 minutes, using Fast response.

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

Competent person means a person with sufficient demonstrated skill, knowledge and qualifications required to carry out a task to a necessary standard for protection of the environment.

Dwelling means any of the following structures or vehicles that is principally used as a place for human habitation –

- a house, unit, motel, nursing home or other building or part of a building;
- a caravan, mobile home or other vehicle or structure on land; and
- a water craft in a marina.

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

Mean (maximum) means that the arithmetic mean of the measured values of any five consecutive samples must not be greater than the release limit stated.

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

Noise Management Plan means the Noise Management Plan which is required by condition (E2) of this environmental authority.

Noise Measurement Manual means the following document or more recent additions or supplements to that document as such become available:

- Environmental Protection Agency. (2000). *Noise Measurement Manual Third Edition*, Environmental Protection Agency, Brisbane, Australia.

Noise sensitive place means –

- a **dwelling**, mobile home or caravan park, residential marina or other residential premises; or

- a motel, hotel or hostel; or
- a kindergarten, school, university or other educational institution; or
- a medical centre or hospital; or
- a protected area; or
- a public 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.

Sensitive place includes –

- a **dwelling**, residential allotment, mobile home or caravan park, residential marina or other residential premises;
- a motel, hotel or hostel;
- a kindergarten, school university or other educational institution;
- a medical centre or hospital;
- a protected area under the *Nature Conservation Act 1992* or the *Marine Parks Act 1992*, or a World Heritage Area;
- a public thoroughfare, park or gardens; and
- a **commercial place**;
- and includes that part of the curtilage of a building or structure used for purposes usually or reasonably associated with the building or structure.

Site-Based Management Plan means the Site-Based Management Plan required by condition (A6) of this environmental authority. Reference to the Site-Based Management Plan also includes reference to the **Stormwater Management Plan**, **Noise Management Plan** and **Waste Management Program**.

Stormwater Management Plan means the Stormwater Management Plan which is required by condition (C20) of this environmental authority.

Waste Management Program means the Waste Management Program which is required by condition (F1) of this environmental authority.

Water Quality Sampling Manual means the following document or more recent additions or supplements to that document as such become available:

- Environmental Protection Agency. (1999). *Water Quality Sampling Manual Third Edition*, Environmental Protection Agency, Brisbane, Australia.

END OF ENVIRONMENTAL AUTHORITY