Permit

Environmental Protection Act 1994
Environmental authority EPPR00460113

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

Environmental authority number: EPPR00460113

Environmental authority takes effect on day the authority is issued.

The anniversary date of this environmental authority is 15 December each year.

The payment of the annual fee will be due each year on this day.

Environmental authority holder(s)

Name(s)	Registered address
Mackay Compost Farms (NQ) Pty Ltd	139 Sturt Street TOWNSVILLE CITY QLD 4810

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	2/RP746393

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:

- 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.

	**29 May 2026**
Signature	Date

Casey Sirl
Department of the Environment, Tourism, Science and Innovation
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:
Permits and Licence Management
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 Natural Resources and Mines, Manufacturing and Regional and Rural Development (to clear vegetation), and the Department of Primary Industries (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.nrmmrrd.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 the Environment, Tourism, Science and Innovation to ensure that you have the most current version of the environmental authority relating to this site.

Conditions of environmental authority

Agency interest: Schedule A – General Conditions	
Condition number	**Condition**
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 licensed place for a period of at least five 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.
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% or more in the 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 or body possessing appropriate experience and/or 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	Within twelve (12) months from the date of issue of this notice, the operator of the ERA must develop and implement a site-based management plan (SBMP). The SBMP must identify all sources of environmental harm, including but not limited to the actual and potential release of all contaminants, the potential impact of these sources and what actions will be taken to prevent the likelihood of environmental harm being caused. The SBMP must also provide for the review and "continual improvement" in the overall environmental performance of all ERAs that are carried out. The SBMP must address the following matters: (a) Environmental commitments - a commitment by senior management to achieve specified and relevant environmental goals. (b) Identification of environmental issues and potential impacts. (c) Control measures for routine operations to minimise likelihood of environmental harm. (d) Contingency plans and emergency procedures for non-routine situations. (e) Organisational structure and responsibility. (f) Effective communication. (g) Monitoring of contaminants releases. (h) Staff training. (i) Record keeping. (j) Periodic review of environmental performance and continual improvement.
A7	The SBMP must not be implemented or amended in a way that contravenes any condition of this approval.

<table>
<tr><th colspan="2">Agency interest: Schedule B - Air</th></tr>
<tr><th>Condition number</th><th>Condition</th></tr>
<tr><td colspan="2">Nil Conditions</td></tr>
<tr><th colspan="2">Agency interest: Schedule C - Water</th></tr>
<tr><th>Condition number</th><th>Condition</th></tr>
<tr><td>C1</td><td>Release of Contaminants to Waters
The only contaminants permitted to be released from the licensed place at the release point W1, are waste waters from aquaculture ponds.</td></tr>
<tr><td>C2</td><td>Release Points
Contaminants that may cause environmental harm must not be directly or indirectly released from any source on the licensed place to any waters at any location other than the contaminants and sources at the locations listed below:

Release Point W1 - Waste water discharge from aquaculture ponds to waters described as Alligator Creek, at a location described as adjacent to the premises.</td></tr>
<tr><td>C3</td><td>Quantity of Contaminants Released

The quantity of contaminants released during any day from release point W1 must be equivalent to no more than an average of 5% over the crop plus the volume of 1 harvested pond.</td></tr>
<tr><td>C4</td><td>Contaminant release limits to waters
Monitoring must be undertaken and records kept of contaminant releases to waters from the discharge location for the quality characteristics listed in Schedule C Table 1 – Contaminant release limits to waters and not less frequently than specific in Schedule H Table 1.

Table 1 – Contaminant release limits to waters
<table>
<tr><th rowspan="2">Monitoring Point</th><th rowspan="2">Quality Characteristics</th><th colspan="2">Release Limit</th></tr>
<tr><th>Minimum</th><th>Maximum</th></tr>
<tr><td rowspan="5">Release Point W1</td><td>Suspended Solids</td><td></td><td>75mg/L</td></tr>
<tr><td>pH</td><td>6.5</td><td>9.0</td></tr>
<tr><td>Dissolved Oxygen</td><td>4 mg/L</td><td></td></tr>
<tr><td>Total Nitrogen</td><td></td><td>3.0 mg/L</td></tr>
<tr><td>Total Phosphorous</td><td></td><td>0.40 mg/L</td></tr>
</table></td></tr>
<tr><td>C5</td><td>Times of Release
As far as practical release of contaminants to waters should occur on the out going tide.</td></tr>
<tr><td>C7</td><td>Notwithstanding any other condition of this environmental authority, any release of contaminants to waters 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><th colspan="2">Agency interest: Schedule D – Stormwater Management</th></tr>
<tr><th>Condition number</th><th>Condition</th></tr>
<tr><td>D1</td><td>Stormwater Management Plan
All spillage control compounds must be constructed and maintained so as to be sufficiently impervious to allow retention and recovery of any materials being stored within the compound.</td></tr>
</table>

D2	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 waters.
D3	Any acid sulphate soils or potential acid sulphate soils existing at the licensed place must be maintained in a submerged state. Any leachate from acid sulphate soils or potential acid sulphate soils existing at the licensed place must be treated prior to being released.

Agency interest: Schedule E – Land Application	
Condition number	**Condition**
E1	**Release of Contaminants to Land** Pond sediments shall be disposed of to land at the licensed premises in such a manner that contaminated rainfall and runoff is prevented from entering any State waters.
E2	The release of pond sediment to land must only occur in pond sediment conditioning areas identified in the application for environmental authority.

Agency interest: Schedule F - Noise	
Condition number	**Condition**
F1	**Emission of Noise** In the event of a complaint about noise that the administering authority considers is reasonable, then the emission of noise from the activity must not result in levels greater than those specified in Table 1 of the Noise Schedule until the circumstances which gave rise to the complaint are resolved.

F2

The value of the background level to be used in conjunction with the noise criteria in Table 1 above is to be obtained from Table 2 of the Noise Schedule below using the following methodology:

1. If the measured background level is above the upper limit of the appropriate range, the upper limit of the appropriate range must be used.
2. If the measured background level is below the lower limit of the appropriate range, the lower limit of the appropriate range must be used.
3. If the measured background level is within the appropriate range, then the measured value must be used.

Schedule F Table 1

Noise Level at a Noise Sensitive Place Measured as the Adjusted Maximum Sound Pressure Level L (Amax adj, T)	Period
Background noise level plus 5 dB(A)	7am – 6pm
Background noise level plus 5 dB(A)	6pm – 10pm
Background noise level plus 3 dB(A)	10pm – 7am
Noise Level at a Commercial Place Measured as the Adjusted Maximum Sound Pressure Level L (Amax adj, T)	Period
Background noise level plus 10 dB(A)	7am – 6pm
Background noise level plus 10 dB(A)	6pm – 10pm
Background noise level plus 8 dB(A)	10pm – 7am

Schedule F Table 2

Range of Values of Background to be Used in Conjunction with Noise Criteria in Table 1

Time Period	Range of Background Levels dB(A)
Monday to Saturday 7am – 6pm	45 – 50
Monday to Saturday 6pm – 10pm	40 – 45
Monday to Saturday 10pm – 7am	35 – 40
All other times and public holidays	30 – 35

Agency interest: Schedule G – Waste Management

Condition number	**Condition**
Nil Conditions	

<table>
<tr><th colspan="2">Agency interest: Schedule H – Self Monitoring and Reporting</th></tr>
<tr><th>Condition number</th><th>Condition</th></tr>
<tr><td>H1</td><td>Complaint Recording

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 in a log book with the following details:
(i) time, date and nature of complaint;
(ii) type of communication (telephone, letter and 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);
(iv) response and investigation undertaken as a result of the complaint;
(v) name of person responsible for investigating complaint; and
(vi) action taken as a result of the complaint investigation and signature of responsible person.</td></tr>
<tr><td>H2</td><td>Monitoring of Contaminant Releases to Waters

The holder of this environmental authority is responsible for making determinations and keeping records of the quality of the contaminants released for the release points, quality characteristics, and at the frequency specified in Schedule H Tables 1 and 2.

Schedule H – Table 1
<table>
<tr><th>Quality Characteristic Determination</th><th>Measurement Point</th><th>Frequency</th></tr>
<tr><td>Suspended Solids</td><td>W1</td><td>once per month in each month that a discharge occurs</td></tr>
<tr><td>pH</td><td>W1</td><td>on each day that a discharge occurs</td></tr>
<tr><td>Dissolved Oxygen</td><td>W1</td><td>on each day that a discharge occurs</td></tr>
<tr><td>Total Nitrogen as N</td><td>W1</td><td>once per month in each month that a discharge occurs</td></tr>
<tr><td>Chlorophyll a</td><td>W1</td><td>once per month in each month that a discharge occurs</td></tr>
<tr><td>Total Phosphorous as P</td><td>W1</td><td>once per month in each month that a discharge occurs</td></tr>
</table>
Schedule H – Table 2
<table>
<tr><th>Quality Characteristic Determination</th><th>Measurement Point</th><th>Frequency</th></tr>
<tr><td>Suspended Solids</td><td>W1</td><td>During the first, last and median hour of the draining during harvest for three harvests per year</td></tr>
<tr><td>Turbidity</td><td>W1</td><td>During each hour of the draining during harvest for the same harvests as for suspended solids</td></tr>
</table></td></tr>
<tr><td>H3</td><td>Samples for determination of quality of contaminants released must be taken, at least, in duplicate, and the duplicate sample must be analysed if:
a) The primary sample is destroyed or otherwise rendered unsuitable for analysis before an accurate analytical result is obtained; or
b) The analysis of the primary sample is not considered to be accurate</td></tr>
</table>

H4	**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 Schedule of this environmental authority, must be undertaken at the sampling and in situ monitoring point(s) described as: **Release Point W1 – Wastewater discharge from aquaculture ponds to waters described as Alligator Creek, at a location described as adjacent to the premises.**
H5	All determinations of the quality of contaminants released must be: a) made in accordance with methods prescribed in the latest edition of the Environment Protection Agency Water Quality Sampling Manual; and b) carried out on samples that are representative of the discharge in Schedule C Table 1 - Contaminant release limits to waters.
H6	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.
H7	**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.
H8	Records must be kept of the results of all determinations of the daily quantity of contaminants released to waters.
H9	**Monitoring of Contaminant Releases to Waters** Monitoring the quality of contaminants released to waters must include but not be limited to samples taken at a time when maximum flow rate is occurring from the outlet.
H10	**Report Submission** The holder of this environmental authority must ensure that the results of all monitoring performed in accordance with this environmental authority for the period covered by the financial year are submitted by 15 July of each year.
H11	**Impact Monitoring** The holder of this environmental authority must: (a) develop and undertake an Environmental Impact Monitoring Program, in relevant creeks which flow into the Pacific Ocean, adjacent to and downstream from the licenced premises, to determine: (i) presence of water quality disturbances, and (ii) any changes to representative natural biological communities, with an 80% certainty of detecting any such changes should any be present; and (b) on or before 1 August 1997, lodge a detailed description of Environmental Impact Monitoring Program with the administering authority for its review and comment; and (c) have due regard to that comment in the finalisation of the Environmental Impact Monitoring Program; and (d) on or before 1 October 1997 have commenced the Environmental Impact Monitoring Program.
H12	A copy of the Environmental Impact Monitoring Program must be kept at the licensed place where practical.
H13	Participation in an Environmental Assessment Study undertaken by the Australian Prawn Farmers Association, which has been approved by the Department of Environment, is deemed to fulfil the requirements of conditions H11 and H12.

Schedule I – 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.

"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 where the time interval between the taking of each consecutive sample is not less than three days.

"administering authority" means the Environmental Protection Agency or its successor.

"annual return" means the return required by the annual notice (under section 316 of the Environment Protection Act 1994) for the section 73F registration certificate that applies to the development approval.

"approval" means 'notice of development application decision' or 'notice of concurrence agency response' under the Integrated Planning Act 1997.

"authorised place" means the place authorised under this development approval for the carrying out of the specified environmentally relevant activities.

"Background noise level" means either:

$LA_{90,T}$ 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

$L_{Abg,T}$ 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.

"composite" in respect of sampling means either time-based taken at hourly intervals to cover the period in the 24 hours of the sampling day during which a contaminant release occurs; or taken after set flow volumes to cover the period of the sampling day during which the contaminant release occurs.

"dwelling" means any of the following structures or vehicles that is principally used as a residence:

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;

a water craft in a marina.

"Environmental Protection Agency" means the department or agency (whatever called) administering the Coastal Protection and Management Act 1995 or the Environmental Protection Act 1994.

"$L_{amax\ adj,\ T}$" 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.

"land" in the "land schedule" of this document means land excluding waters and the atmosphere.

"MaxL $_{pA,T}$" means the maximum A-weighted sound pressure level measured over a time period of not less than 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.

"mg/L" This stands for 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 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.

"site" means land or tidal waters on or in which it is proposed to carry out the development approved under this development approval.

"Total Nitrogen": This refers to the combined amount of Organic Nitrogen, Ammonia Nitrogen, and Nitrite plus Nitrate Nitrogen.

"works" or "operation" means the development approved under this development approval.

"you" means the holder of this development approval or owner/occupier of the land which is the subject of this development approval.

Schedule J – Site Plans

Site plans are not required.

END OF ENVIRONMENTAL AUTHORITY