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Registration certificate

Environmental Protection Act 1994

Certificate of Registration

No: ENRE02440811

This registration certificate is issued by the administering authority and takes effect from: 11-FEB-2011.

The anniversary day for the purposes of the Annual Return is 11th FEBRUARY.

This registration certificate is a requirement of section 73F of the *Environmental Protection Act 1994* and authorises the registered operator to undertake the activity listed below at the following place subject to the conditions set out in a development approval IPCE00239405A11 attached to the premises.

Registered Operator:-
Daintree River Barramundi
Lot 147 Daintree River
DAINTREE QLD 4873

Development Approval No:-
DERM Permit No:IPCE00239405A11

Place:-
Lot 147 Plan CI57223

Located at:-
Lot 147 Daintree River,DAINTREE QLD 4873

Registered Activity/ies: -
ERA 1 Aquaculture Threshold 2(a) - cultivating or holding marine, estuarine or freshwater organisms, other than crustaceans, in enclosures that are on land and have a total area of more than 100m2 to 10ha

Delegate
Bernadette Carter
Administering authority
Environmental Protection Act 1994

11-FEB-2011

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Section 3.3.16 and 3.3.18 *Integrated Planning Act 1997*
EPA Permit[1] number: IPCE00239405A11

EPA Permit[1] number:	IPCE00239405A11
Assessment Manager reference:	TPC1211
Date application received by EPA:	01-AUG-2005
Permit[1] Type:	Concurrence Response for a MCU involving an ERA
Date of Decision:	Approved with conditions
Decision:	07-JUN-2006
Relevant Laws and Policies:	*Environmental Protection Act 1994* and any subordinate legislation
Jurisdiction:	Item 1 in Table 2 of Schedule 2 of the *Integrated Planning Regulation 1998*

Development Description

Property	Lot/Plan	Aspect of Development
Lot 147 Daintree River DAINTREE QLD 4873	Lot 147 Plan CI57223	ERA 1(b) Aquaculture - cultivating or holding marine, estuarine or freshwater organisms (other than molluscs) in ponds or tanks or in enclosures in waters ("impoundments") - if the total area of the impoundments is less than 5 ha and wastes are released to waters.

Reasons for inclusion of development conditions

In accordance with section 3.3.18(7) of the *Integrated Planning Act 1997* and section 27B of the *Acts Interpretation Act 1954*, the reasons for the inclusion of development conditions are:

1) The Environmental Protection Agency is a concurrence agency under the *Integrated Planning Regulation 1998* for the purposes of the *Environmental Protection Act 1994*.
2) Any development conditions placed on this permit1 for an environmentally relevant activity are in accordance with section 73B of the *Environmental Protection Act 1994*.

Additional comments or advice about the application

Nil

Additional information for applicants

In addition to this permit, the person to carry out the ERA must be a registered operator under the *Environmental Protection Act 1994*. For the person to become a registered operator, they must apply for a registration certificate under section 73F of the *Environmental Protection Act 1994*.

As at the date of issue of this permit, no application has been received by the Environmental Protection Agency for registration of this operation.

[1] Permit includes licences, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation administered by the Environmental Protection Agency and the Queensland Parks and Wildlife Service

Environmental Protection Agency
www.epa.qld.gov.au ABN 87 221 158 786

Queensland Government
Environmental Protection Agency
Queensland Parks and Wildlife Service

Contaminated Land
It is a requirement of the *Environmental Protection Act 1994* that if an owner or occupier of land becomes aware a Notifiable Activity (as defined by Schedule 2 of the *Environmental Protection Act 1994*) is being carried out on the land or that the land has been affected by a hazardous contaminant, they must, within 30 days after becoming so aware, give notice to the Environmental Protection Agency.

Environmentally Relevant Activities
The aforementioned description of any environmentally relevant activity (ERA) for which this permit is issued is simply a restatement of the ERA as prescribed in the legislation at the time of issuing this permit. Where there is any conflict between the abovementioned description of the ERA for which this permit is issued and the conditions specified herein as to the scale, intensity or manner of carrying out of the ERA, then such conditions prevai to the extent of the inconsistency.

This permit authorises the ERA. It does not authorise environmental harm unless a condition within this permit explicitly authorises that harm. Where there is no such condition, or the permit is silent on a matter, the lack of a condition or silence shall not be construed as authorising harm.

Ingrid Fomiatti Minnesma
Delegate
Environmental Protection Agency
07-JUN-2006

CONDITIONS OF APPROVAL

ERA 1(b) Aquaculture - cultivating or holding marine, estuarine or freshwater organisms (other than molluscs) in ponds or tanks or in enclosures in waters ("impoundments") - if the total area of the impoundments is less than 5 ha and wastes are released to waters.

Agency Interest: General

(A1G1) Irrigation Monitoring Program.

Implement and maintain an irrigation monitoring program (IMP) for the release of contaminants to land(s). As a minimum, the IMP must include:
(a) soil and sub-soil analysis, including assessment of the soils including types, structure, phosphorus adsorption capacity, nutrient status, salinity and sodicity, cation exchange capacity and sodium absorption ratio (SAR) of the contaminant release area(s), to be carried out at least one (1) representative sites on an annual basis;
(b) ground water monitoring that determines the existence and rate of infiltration of effluent that has been irrigated to land, and the potential or actual impacts on ground water from such infiltration, to be carried out on an annual basis;
(c) assessment of nutrient export to be carried out on an annual basis utilising average nutrient concentration data provided by a recognised entity in agricultural research or published literature;
(d) determination of the quantity and quality of contaminants applied;
(e) reporting to the administering authority monitoring results, and an assessment of the impact of the releases on the contaminant release areas.

(A1G2) Prevent and/or minimise likelihood of environmental harm.

In carrying out an ERA to which this approval relates, all reasonable and practicable measures must be taken to prevent and / or to minimise the likelihood of environmental harm being caused.

(A1G3) Maintenance Of Measures, Plant and Equipment.

The operator of an ERA to which this approval relates must:
(a) install all measures, plant and equipment necessary to ensure compliance with the conditions of this approval; and
(b) maintain such measures, plant and equipment in a proper and efficient condition; and
(c) operate such measures, plant and equipment in a proper and efficient manner.

(A1G4) Records.

Record, compile and keep all monitoring results required by this approval and present this information to the administering authority when requested. All records required by this approval must be kept for 5 years.

(A1G5) Notification.

Telephone the EPA's Pollution Hotline or local office as soon as practicable after becoming aware of any release of contaminants not in accordance with the conditions of this approval.

(A1G6) Equipment Calibration.

All instruments, equipment and measuring devices used for measuring or monitoring in accordance with any condition of this approval must be calibrated, and appropriately operated and maintained.

Agency Interest: Air – nuisance

(A1A1)

The release of noxious or offensive odours or any other noxious or offensive airborne contaminants resulting from the activity must not cause a nuisance at any nuisance sensitive or commercial place.

(A1A2) Dust Nuisance.

The release of dust and/or particulate matter resulting from the ERA must not cause an environmental nuisance at any nuisance sensitive or commercial place.

Agency Interest: Land

(A1L1) The irrigation of aquaculture effluent must be carried out in a manner such that:
(a) vegetation is not damaged;
(b) soil erosion and soil structure damage is avoided;
(c) there is no surface ponding of effluent;
(d) percolation of effluent beyond the plant root zone is minimised
(e) the quality of ground water is not adversely affected.

(A1L2)

Spillage of all chemicals and fuels must be contained within an on-site containment system and controlled in a manner that prevents environmental harm.
NOTE: All petroleum product storage's must be designed, constructed and maintained in accordance with AS 1940 - Storage and Handling of Flammable and Combustible Liquids.

Agency Interest: Noise

(A1N1) Noise Nuisance.

Noise from the ERA must not cause an environmental nuisance at any nuisance sensitive place or commercial place.

Agency Interest: Social

(A1S1) Complaint Response.

The operator of the ERA must record the following details for all complaints received and provide this information to the administering authority on request:
a) time, date, name and contact details of the complainant;
b) reasons for the complaint;
c) any investigations undertaken;
d) conclusions formed; and
e) any actions taken.

Agency Interest: Water – discharges

(A1W1) Monitoring.

Monitoring must be undertaken and records kept of contaminant releases to waters from the discharge location. 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.

(A1W2)

Contaminants may only be released to surface waters at the following discharge location:
Discharge Location W1 - namely overflow point of Pond 1 located at the point Easting 321016, Northing 8203385 UTM
Discharge Location W2 - namely overflow point of Pond 3 located at the point Easting 321083, Northing 8203703 UTM

(A1W3)

Monitoring of water quality parameters listed in Table 1 for discharge waters must be undertaken for at least four (4) overflow events each calendar year. Records of monitoring results must be maintained in accordance with condition (A1G4).

(A1W4)

Monitoring of water quality parameters listed in Table 1 for discharge waters must be undertaken for at least four (4) overflow events each calendar year. Records of monitoring results must be maintained in accordance with condition (A1G4).

(A1W5)

Monitoring of water quality parameters listed in Table 1 for:
- Monitoring point W1, W2
- Monitoring point B1 located at the point Easting 321220, Northing 8203595 UTM
- Monitoring point I1 located at the point Easting 321992, Northing 8203596 UTM

must be undertaken within thirty (30) minutes of sampling each monitored overflow event. Records of monitoring results must be maintained in accordance with condition (A1G4)

(A1W6)

The release of pond waters from Discharge Locations W1 and/or W2 is not permitted other than overflow as a result of a rainfall event.

(A1W7)

All reasonable and practical measures are taken into consideration to prevent or minimise overflow from any discharge point as a result of rainfall.

(A1W8)

The volume of discharge released to waters must be estimated by an appropriate method and records kept of such determinations and estimates.

DEFINITIONS

Words and phrases used throughout this permit[1] are defined below. Where a definition for a term used in this permit[1] is sought and the term is not defined within this permit[1] the definitions provided in the relevant legislation shall be used.

"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*.
"approved plans" means the plans and documents listed in the approved plans section in the notice attached to this development approval.
"artificial waterway" means an artificial channel, lake or other body of water. Artificial waterway includes –

- an artificial channel that is formed because the land has been reclaimed from tidal water and is intended to allow boating access to allotments on subdivided land;
- other artificial channels subject to the ebb and flow of the tide; and
- any additions or alterations to an artificial waterway.

"authorised place" means the place authorised under this development approval for the carrying out of the specified environmentally relevant activities.
"canal" means an artificial waterway surrendered to the State. A canal is an artificial waterway connected, or intended to be connected, to tidal water; and from which boating access to the tidal water is not hindered by a lock, weir or similar structure.
"clinical waste" means waste that has the potential to cause disease including, for example, the following:

- animal waste;
- discarded sharps;
- human tissue waste;
- laboratory waste.

"coastal dune" means a ridge or hillock of sand or other material on the coast and built up by the wind.
"commercial place" means a place used as an office or for business or commercial purposes.
"dredge spoil" means material taken from the bed or banks of waters by using dredging equipment or other equipment designed for use in extraction of earthen material.
"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*.
"erosion prone area" means an area declared to be an erosion prone area under section 70(1) of the *Coastal Protection and Management Act 1995*.
"high water mark" means the ordinary high water mark at spring tides.
"infectious waste" means waste containing viable micro-organisms or their toxins which are known or suspected to cause disease in animals or humans.
"intrusive noise" means noise that, because of its frequency, duration, level, tonal characteristics, impulsiveness or vibration –

- is clearly audible to, or can be felt by, an individual; and
- annoys the individual.
- In determining whether a noise annoys an individual and is unreasonably intrusive, regard must be given to Australian Standard 1055.2 – 1997 Acoustics – Description and Measurement of Environmental Noise Part 2 – Application to Specific Situations.

"$L_{A\ 10,\ adj,\ 10\ mins}$" means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 10% of any 10 minute measurement period, using Fast response.
"$L_{A\ 1,\ adj,\ 10\ mins}$" means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 1% of any 10 minute measurement period, using Fast response.
"$L_{A,\ max\ adj,\ T}$" means the average maximum A-weighted sound pressure level, adjusted for noise character and measured over any 10 minute period, using Fast response.

"land" in the "land schedule" of this document means land excluding waters and the atmosphere.
"mg/L" means milligrams per litre.
"noxious" means harmful or injurious to health or physical well being.
"NTU" means nephelometric turbidity units.
"nuisance sensitive place" includes –

- a dwelling, residential allotment, 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 under the *Nature Conservation Act 1992*, the *Marine Parks Act 1992* or a World Heritage Area; or
- a public thoroughfare, park or gardens; or
- a place used as a workplace, an office or for business or commercial purposes and includes a place within the curtilage of such a place reasonably used by persons at that place.

"offensive" means causing offence or displeasure; is disagreeable to the sense; disgusting, nauseous or repulsive.
"ponded pasture" means a permanent or periodic pondage of water in which the dominant plant species are pasture species used for grazing or harvesting.
"protected area" means –

- a protected area under the *Nature Conservation Act 1992*; or
- a marine park under the *Marine Parks Act 1992*; or
- a World Heritage Area.

"quarry material" means material on State coastal land, other than a mineral within the meaning of any Act relating to mining. Material includes for example stone, gravel, sand, rock, clay, mud, silt and soil, unless it is removed from a culvert, stormwater drain or other drainage infrastructure as waste material.
"regulated waste" means non-domestic waste mentioned in Schedule 7 of the *Environmental Protection Regulation 1998* (whether or not it has been treated or immobilised), and includes -

- for an element - any chemical compound containing the element; and
- anything that has contained the waste.

"site" means land or tidal waters on or in which it is proposed to carry out the development approved under this development approval.
"tidal water" means the sea and any part of a harbour or watercourse ordinarily within the ebb and flow of the tide at spring tides.
"watercourse" means a river, creek or stream in which water flows permanently or intermittently-

- in a natural channel, whether artificially improved or not; or
- in an artificial channel that has changed the course of the watercourse.

"waters" includes river, stream, lake, lagoon, pond, swamp, wetland, unconfined surface water, unconfined water natural or artificial watercourse, bed and bank of any waters, dams, non-tidal or tidal waters (including the sea), stormwater channel, stormwater drain, roadside gutter, stormwater run-off, and groundwater and any part-thereof.
"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.
"50th percentile" means not more than three (3) of the measured values of the quality characteristic are to exceed the stated release limit for any six (6) consecutive samples for a release/monitoring point at any time during the environmental activity(ies) works.
"80th percentile" means not more than one (1) of the measured values of the quality characteristic is to exceed the stated release limit for any five (5) consecutive samples for a sampling point at any time during the environmental activity(ies) works

END OF CONDITIONS

Notice

Environmental Protection Act 1994

Decision on application for a suspended environmental authority

This notice is issued by the administering authority[1] pursuant to 284F of the Environmental Protection Act 1994 *to advise you of the decision made following the application to suspend an environmental authority.*

To:
Daintree River Barramundi
Lot 147 Daintree River
DAINTREE QLD 4873

Email: daintree.barra@bigpond.com

Attention: Jane King

Your reference: EPPR00502113
Our reference: 270403

Decision made on the application to suspend an environmental authority

1. Application details

Your application to suspend environmental authority EPPR00502113, dated 24 January 2017 for the period of 11 February 2017 to 11 February 2020 was received by the administering authority on 27 January 2017.

Property/location description: Lot 147 Daintree River, Daintree – Lot 147 on C157223.

2. Decision

The administering authority has decided to approve the application to suspend an environmental authority.

The environmental authority is suspended for the period of 11 February 2017 to 11 February 2020 unless you terminate the suspension earlier.

Signature	Date
	24/02/2017.

Kerynne Birch
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:
Permit and Licence Management
Department of Environment and Heritage Protection
GPO Box 2454
BRISBANE QLD 4001
Phone: 1300 130 372
Email: palm@ehp.qld.gov.au

[1] The Department of Environment and Heritage Protection is the administering authority under the *Environmental Protection Act 1994*.

ABN 46 640 294 485

Queensland Government