Notice of Decision – Permit[1] Amendment

This notice is issued by the Department of Environment and Heritage Protection (EHP) to advise of a statutory decision made under section 72 of the Environmental Protection Act 1994

Department of Agriculture Fisheries and Forestry
Northern Fisheries Centre
PO Box 5396
BRISBANE CITY QLD 4000

Our Reference: 316156

Dear Sir/Madam,

Please find attached your Registration Certificate which has been amended as a result of information provided on your annual return dated 28 AUGUST 2012 requesting an amendment to the exisiting permit.

Action	Permit Number	Decision
Amend Registration Certificate under Environmental Protection Act 1994 – Amendment of Registered Business Name	ENRE00694307	Granted

If you require more information please contact Nathan Sirl on the telephone number listed below.

Yours sincerely

Derek Robson
Delegate:
Department of Environment and Heritage Protection
07 SEPTEMBER 2012

Enquiries:
Permit and Licence Management
Implementation and Support Unit
Department of Environment and
Heritage Protection
GPO Box 2454 BRISBANE QLD 4001
Phone: 1300 130 372
Fax: 07 3896 3342
Email: palm@ehp.qld.gov.au

Department of Environment and Heritage Protection
www.ehp.qld.gov.au ABN 46 640 294 485

Queensland Government

Registration certificate

No: ENRE00694307

This registration certificate is issued by the administering authority and takes effect from: 07 SEPTEMBER.

The anniversary day for the purposes of the Annual Return remains: 28 AUGUST 2012.

This registration certificate is a requirement of section 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 attached to the premises, or the relevant code of environmental compliance.

Registered Operator:-
Department of Agriculture Fisheries and Forestry
38-40 Tingira Street
CAIRNS QLD 4870

Place:-
Lot 101 Plan NR843614

Located at:-
DPI & F Monkman Research Centre, GREEN ISLAND QLD 4871

Registered Activity: -
ERA 1 Aquaculture Threshold 1(a) - cultivating or holding crustaceans in enclosures that are on land and have a total area of more than 100m2 to 10ha

Derek Robson
Delegate
Department of Environment and Heritage Protection
Environmental Protection Act 1994
07 SEPTMBER 2012

Department of Environment and Heritage Protection
www.ehp.qld.gov.au ABN 46 640 294 485

Queensland Government

CNS7108

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DESPATCHED
RP346/0428
01 OCT 2007

Section 3.5.15 *Integrated Planning Act 1997*

EPA Permit[1] number: IPDE00689607

EPA Permit[1] number:	IPDE00689607
Assessment Manager reference:	316156
Date application received by EPA:	03-AUG-2007
Permit[1] Type:	Development Approval for a MCU involving an ERA
Date of Decision:	28-SEP-2007
Decision:	Approved with conditions
Relevant Laws and Policies:	*Environmental Protection Act 1994* and any subordinate legislation

Development Description

Property	Lot/Plan	Aspect of Development
DPI & F Monkman Research Centre GREEN ISLAND QLD 4871	Lot 101 Plan NR843614	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.

Additional information for applicants

The standard currency periods stated in section 3.5.21 of the Integrated Planning Act 1997 or the nominated currency period, apply to each aspect of development in this permit1. For information on when this permit1 takes effect and the relevant currency periods, please see point 3 in the Notice of Decision.

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.

[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

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 prevail 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.

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.

Paul Neilson
District Manager
Cairns District, Northern Region
Delegate
Environmental Protection Agency

28-SEP-2007

CONDITIONS OF APPROVAL

Condition for: 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 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.

A1G2 Records.

Record, compile and keep all monitoring results required by this approval and present this information to the administering authority when requested.

A1G3 All records required by this approval must be kept for a minimum of 5 years.

A1G4 Acid sulfate soils must be managed such that contaminants are not directly or indirectly released to any waters.

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 Information About Spills.

A written notice detailing the following information must be provided to the EPA within 14 days of any advice provided in accordance with condition:

(a) the name of the operator, including their approval / registration number;

(b) the name and telephone number of a designated contact person;

(c) quantity and substance released;

(d) vehicle and registration details;

(e) person/s involved (driver and any others);

(f) the location and time of the release;

(g) the suspected cause of the release;

(h) a description of the effects of the release;

(i) the results of any sampling performed in relation to the release,

(j) actions taken to mitigate any environmental harm caused by the release; and

(k) proposed actions to prevent a recurrence of the release.

A1G7 Monitoring.

A competent person(s) must conduct any monitoring required by this approval.

A1G8 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.

A1G9 Spill Kit.

An appropriate spill kit, personal protective equipment and relevant operator instructions/emergency procedure guides for the management of wastes and chemicals associated with the ERA must be kept at the site.

Agency Interest: Air

A1A1 Nuisance.

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 Provision of Treated Effluent To Other Persons.

If responsibility of the treated effluent is given or transferred to another person:

(a) the responsibility of such effluent must only be given or transferred in accordance with a written agreement (the third party agreement);

(b) include in the third party agreement a commitment from the person utilising the effluent to use effluent in such a way as to prevent environmental harm or public health incidences and specifically make the persons aware of the General Environmental Duty (GED) under section 319 of the Environmental Protection Act 1994, environmental sustainability of any effluent disposal and protection of environmental values of waters; and

28/1/07

(c) upon being notified or otherwise becoming aware that the person's use of effluent is causing or threatens to cause environmental harm or is posing a human health risk, and if the person does not rectify the situation upon written request, the giving and transferring responsibility for such effluent must cease.

Agency Interest: Noise

A1N1 Noise Nuisance.

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

A1N2 Noise Monitoring.

When requested by the administering authority, noise monitoring must be undertaken to investigate any complaint of noise nuisance, and the results notified within 14 days to the administering authority. Monitoring must include:

(a) LA 10, adj, 10 mins;

(b) LA 1, adj, 10 mins;

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

(d) atmospheric conditions including wind speed and direction;

(e) effects due to extraneous factors such as traffic noise; and

(f) location, date and time of recording.

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

A1WA1 Monitoring.

Monitoring must be undertaken and records kept of contaminant releases to waters from the discharge location for the quality characteristics and not less frequently than specified in Table [1] - Contaminant release limits to water. 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.

Table 1 - Contaminant Release Limits to Water

Monitoring point	Discharge location	Quality characteristics	Release limit				Monitoring frequency
			Minimum	50th Percentile	80th Percentile	Maximum	
Final Effluent Tap	W1	Total Nitrogen mg/L	-	2	-	5	Monthly
Final Effluent Tap	W1	Total Phosphorus mg/L	-	1	-	2	Monthly
Final Effluent Tap	W1	Dissolved Oxygen mg/L	2	-	-	-	Weekly
Final Effluent Tap	W1	pH	8.0	-	-	8.4	Weekly
Final Effluent Tap	W1	5 Day Biochemical Oxygen Demand (BOD^5)	-	-	-	20	Monthly
Final Effluent Tap	W1	Suspended Solids mg/L	-	10	-	25	Monthly

A1WA2 Maximum Daily Release of Discharge Waters

The total amount of discharge of waste waters from the aquaculture facility must not exceed the permitted quantity of release listed in Table 2 - Maximum Permitted Quantity of Release.

Table 2 - Maximum permitted quantity of release

Release point	Maximum release on any one day
W1	50,000 Litres

A1WA3 Erosion protection and sediment control measures must be implemented and maintained to minimise erosion and the release of sediment.

A1WA4 Location of Discharge

Contaminants must only be released to surface waters in compliance with the release limits listed in Table 1- Contaminant Release Limits to Water at the discharge location W1.

Discharge Location W1 is defined as the point of release of treated aquaculture waste water from the Monkman Research Centre to the discharge location beyond the reef flat at Green Island.

A1WA5 Daily Record of Effluent Disposal

The daily volume of contaminants released to waters must be determined or estimated by an appropriate method, for example a flow meter, 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.

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

"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.

"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.

"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.

"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 section 284F of the Environmental Protection Act 1994 *to advise you of the decision made following the application to suspend an environmental authority.*

To: Mr David van Cuyenburg
Department of Argiculture and Fisheries
Monkman Research Centre
38-40 Tingira Street
CAIRNS QLD 4870

Email: david.vancuylenburg@daf.qld.gov.au

Attention: Mr David van Cuyenburg

Your reference: Monkman Research Centre / EPPR00860013
Our reference: Ecotrack project number 316156

Decision made on the application to suspend an environmental authroity

1. Application details

Your application to suspend environmental authority EPPR00860013 for the period of 8 August 2016 to 8 August 2017 was received by the administering authority on 2 August 2016.

Property/location description: Monkman Research Centre, Green Island, Lot101 on Plan NR843614.

2. Decision

The administering authority has decided to approve the application to suspend environmental authority EPPR00860013.

The environmental authority is suspended for the period of 8 August 2016 to 8 August 2017 unless you terminate the suspension earlier.

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

ABN 46 640 294 485

Signature	Date
CMooney	4/8/16

Chris Mooney
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:
Graham Rennex
Heritage, Utilities and Government Organisations Assessment
Department of Environment and Heritage Protection
GPO Box 2454
BRISBANE QLD 4001
Phone: 1300 130 372
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