

Section 3.5.15 Integrated Planning Act 1997

EPA Permit¹ number: IPDE00358906H12

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Assessment Manager reference:	as above
Date application received by EPA:	25-JAN-2006
Permit¹ Type:	Development Approval for a MCU involving an ERA
Decision:	Granted with conditions
Relevant Laws and Policies:	<i>Environmental Protection Act 1994</i> and any subordinate legislation

The development permit attaches to the land described below, which either connects to or receives the benefits of the structure or activity that is the ERA 19.

Development Description

Property	Lot/Plan	Aspect of Development
Hervey Bay Boat Club, URANGAN QLD 4655	Lot 253 Plan SP166261, Lot 4 Plan CP887735	ERA 19(b) Dredging material - dredging material from the bed of any waters (other than dredging by a port authority of material for which a royalty or similar charge is not payable) using plant or equipment having a design capacity of 5 000 t or more, but less than 100 000 t, a year.

Additional comments or advice about the application

nil

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.

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

Contaminated Land

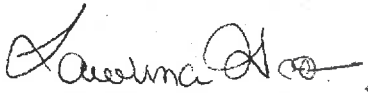
It is a requirement of the *Environmental Protection Act 1994* that if an owner or occupier of land becomes aware a Notifiable Activity (as defined by Schedule 2 of the *Environmental Protection Act 1994*) is being carried out on the land or that the land has been affected by a hazardous contaminant, 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 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*.



Lawrie Wade
Delegate
Environmental Protection Agency
15 May 2006

CONDITIONS OF APPROVAL

ERA 19(b) Dredging material - dredging material from the bed of any waters (other than dredging by a port authority of material for which a royalty or similar charge is not payable) using plant or equipment having a design capacity of 5 000 t or more, but less than 100 000 t, a year.

Agency Interest: General

(A1G1) 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.

(A1G2) 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.

(A1G3) 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.

(A1G4) Monitoring.

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

(A1G5) 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.

(A1G6) 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.

(A1G7) Spill Kit Training.

Persons operating under this approval must be trained in the use of the spill kit.

(A1G8) Site Based Management Plan.

From commencement of an ERA to which this approval relates, a site based management plan (SBMP) must be implemented. The SBMP must identify all sources of environmental harm, including

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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 ERA's 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 contaminant releases.
- (h) Conducting environmental impact assessments.
- (i) Staff training.
- (j) Record keeping.
- (k) Periodic review of environmental performance and continual improvement.

(A1G9) Records.

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

(A1G10) Acid Sulphate Soils.

The latest edition of the Queensland Environmental Protection Agency's INSTRUCTIONS FOR THE TREATMENT AND MANAGEMENT OF ACID SULFATE SOILS, 2001, ('the Instructions') must be complied with when treating and managing acid sulfate soils.

(A1G11) All ponds used for the storage or treatment of acid sulfate soils or other contaminants must be constructed, installed and maintained:

- (a) so as to prevent any release of contaminants through the bed or banks of the pond to any waters (including ground water); and
- (b) so that a freeboard of not less than 0.5 metre is maintained at all times; and
- (c) so as to ensure the stability of the ponds' construction.

(A1G12) The only area permitted to be dredged under this approval lies within the area defined as 'Extent of Works - Proposed Hervey Bay Boat Club Marina' as indicated in Figure 1 of Schedule 1.

(A1G13) Dredge spoil from the operation may only be placed in the area defined as 'Queensland Transport Bunded Area' as indicated in Figure 1 of Schedule 1.

(A1G14) Operating hours are restricted to 7:00 am to 6:00 pm Monday to Saturday.

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.

(A1A3) When requested by the administering authority, dust and particulate monitoring must be undertaken to investigate any complaint of environmental nuisance caused by dust and/or particulate matter, and the results notified within 14 days to the administering authority following completion of monitoring. Monitoring must be carried out at a place(s) relevant to the potentially affected dust sensitive place and at upwind control sites and must include:

- (a) for a complaint alleging dust nuisance, dust deposition; and
- (b) for a complaint alleging adverse health effects caused by dust, the concentration per cubic metre of particulate matter with an aerodynamic diameter of less than 10 micrometre (μm) (PM10) suspended in the atmosphere over a 24hr averaging time.

Agency Interest: Land

(A1L1) 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

(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:

- LA 10, adj, 10 mins
- LA 1, adj, 10 mins
- the level and frequency of occurrence of impulsive or tonal noise;
- atmospheric conditions including wind speed and direction;
- effects due to extraneous factors such as traffic noise; and
- location, date and time of recording.

- (A1N3) The method of measurement and reporting of noise levels must comply with the latest edition of the Environmental Protection Agency's Noise Measurement Manual.

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

- (A1W1) Measures must be taken to prevent or minimise the transport of suspended sediment material beyond the immediate area of the dredge. The measures must be continually in place and maintained when dredging is being undertaken.
- (A1W2) Suitable banks and/or diversion drains must be installed and maintained to exclude stormwater runoff from entering any ponds or other structures used for the storage or treatment of contaminants including acid sulphate soils or wastes.
- (A1W3) Erosion protection measures and sediment control measures must be implemented and maintained to minimise erosion and the release of sediment.
- (A1W4) Contaminants released to waters must comply with the release limits listed in Table 1 - Release Limits and Monitoring Requirements. Contaminants may only be released to waters at the following discharge locations:
- (a) Dredge - Immediately surrounding the cutter suction bucketwheel dredge; and
 - (b) Tailwater Discharge Pipe (TDP) - Release of settled and treated tailwater from the tailwater pond discharge pipe into the Urangan Boat Harbour.
- (A1W5) Notwithstanding condition Water (A1W4), any release to waters must not contain any contaminants in sufficient concentration to result in environmental harm.
- (A1W6) Monitoring.
- Monitoring values are to be collected from background and impact monitoring sites within 30 minutes of each other when conducting monitoring. Monitoring must be conducted on the outgoing tide.
- 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 - Release Limits and Monitoring Requirements. 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

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Agency Water Quality Sampling Manual; and

(b) carried out on samples that are representative of the discharge.

(A1W7) Monitoring of contaminant releases to waters must be undertaken at the monitoring points described for the quality characteristics and at the frequency specified in Table 1. Records must be kept of all monitoring results.

- (a) Monitoring Point BM1: Monitoring samples must be taken from a representative monitoring point(s) within the Urangan Boat Harbour at a location(s) unaffected by the dredging activity and the discharge from the tailwater ponds.
- (b) Monitoring Point R1: Monitoring samples must be taken from monitoring point R1, which is to be located in the Urangan Boat Harbour approximately 100 metres downstream of the 'Extent of Works' as shown in Figure 1 of Schedule 1.
- (c) Monitoring Point TP (Tailwater Ponds): Monitoring samples must be taken from tailwater prior to discharge from the tailwater ponds into the Urangan Boat Harbour.

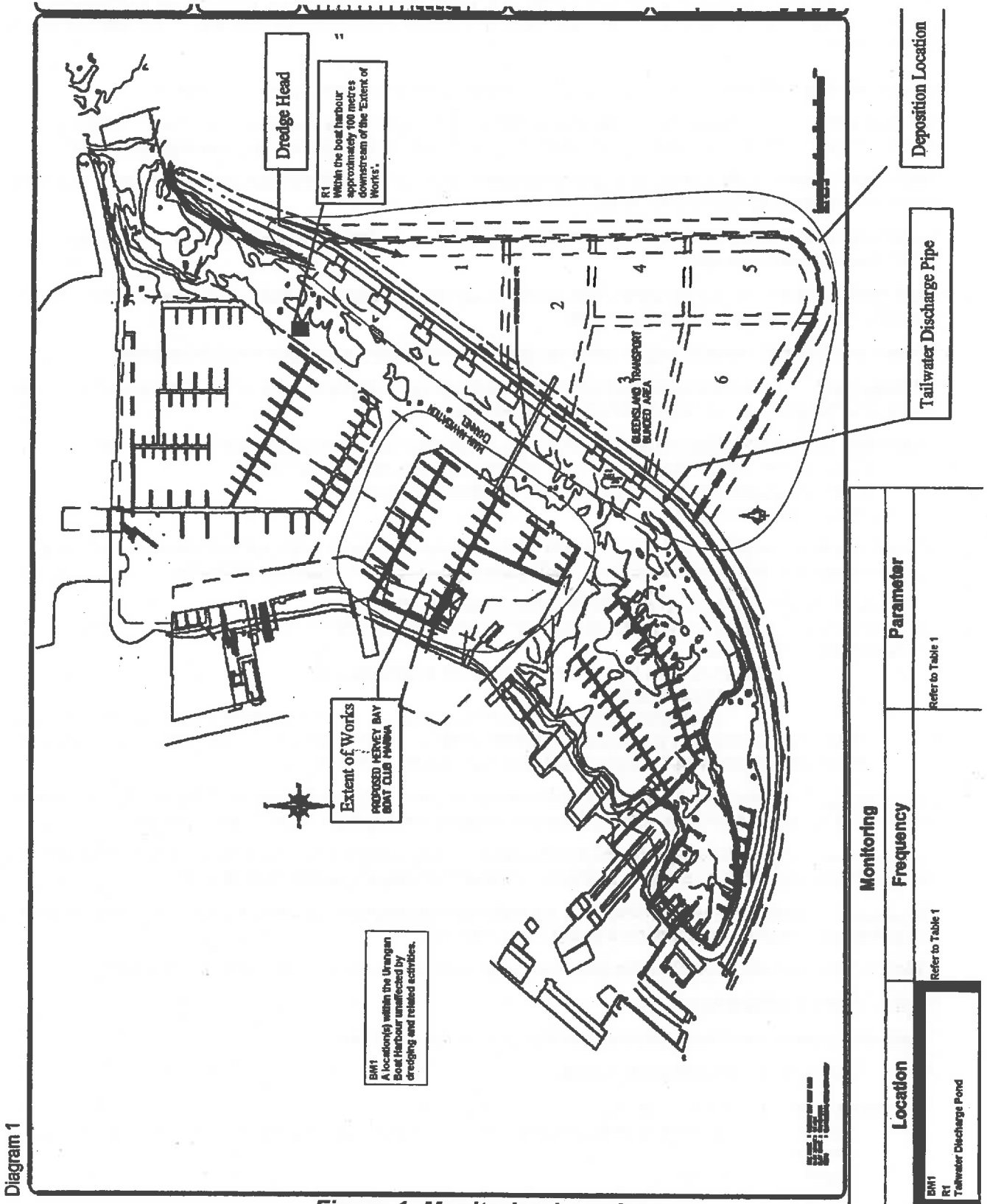
Table 1 - Release limits and monitoring requirements

Monitoring point	Discharge location	Quality characteristics	Maximum or Range	Monitoring frequency
BM1	n/a	Turbidity (NTU)	Background value	Once per day
BM1	n/a	Dissolved Oxygen (DO)	Background value	Once per day
BM1	n/a	Temperature	Background value	Once per day
BM1	n/a	pH	Background value	Once per day
BM1	n/a	Oil, grease, floating scum or litter	Background value	Twice per day
BM1	n/a	Visual assessment of water clarity	Background value	Twice per day
BM1	n/a	Suspended Solids (mg/L)	Background value	Weekly
R1	Dredge, Tailwater Discharge Pipe (TDP)	Turbidity (NTU)	Where background value ¹ is less than 20 NTU Maximum = background value ¹ + 2 NTU Where background value ¹ is greater than 20 NTU Maximum = background value ¹ + 10%	Once per day
R1	Dredge, TDP	Dissolved Oxygen (DO)	Not less than 10 % less than background value ¹	Once per day
R1	Dredge, TDP	Temperature	Ambient temperature range	Once per day
R1	Dredge, TDP	pH	6.5 – 8.5	Once per day
R1	Dredge, TDP	Oil, grease, floating scum or litter	Not visible	Twice per day
R1	Dredge, TDP	Visual assessment of water clarity	No noticeable difference discharge and receiving water	Twice per day
R1	Dredge, TDP	Suspended Solids (mg/L)	10 mg/L above background value ¹ where the background value ¹ < 100 mg/L or 10 percent greater than background value ¹ where the background value ¹ > 100 mg/L	Weekly
Tailwater Pond	TDP	Turbidity (NTU)	Where background value ¹ is less than 20 NTU Maximum = background value ¹ + 2 NTU Where background value ¹ is greater than 20 NTU Maximum = background value ¹ + 10%	Once per day
Tailwater Pond	TDP	pH	6.5 – 8.5	Once per day

Note 1: Background value¹ is the value obtained for a water quality characteristic at the sampling point(s) BM1 located within the Urangan Boat Harbour in an area unaffected by operations.

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Schedule 1



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DEFINITIONS

Words and phrases used throughout this permit¹ are defined below. Where a definition for a term used in this permit¹ is sought and the term is not defined within this permit¹ 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.

"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*.

"high water mark" means the ordinary high water mark at spring tides.

"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.

" $L_{A10, adj, 10 mins}$ " 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.

" $L_{A1, adj, 10 mins}$ " 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

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- 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.

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

"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.

END OF CONDITIONS

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Certificate of Registration

No: ENRE00480606

This registration certificate is issued by the Environmental Protection Agency and does not take effect until the associated development permit has been granted.

The anniversary day for the purposes of the Annual Return: 02 March.

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 the relevant development approval/s attached to the premises, or the relevant code of environmental compliance.

Registered Operator:-

Hervey Bay Boat Club Inc
Buccaneer Drive
URANGAN QLD 4655

Place:- Lot 4 Plan CP887735

Located At:- Buccaneer Drive URANGAN QLD

Registered Activity:- ERA 19(b) Dredging material - dredging material from the bed of any waters (other than dredging by a port authority of material for which a royalty or similar charge is not payable) using plant or equipment having a design capacity of 5 000 t or more, but less than 100 000 t, a year.



Ahmad Rahman

Delegate

Environmental Protection Agency

02-MAR-2006

Notice

Environmental Protection Act 1994

Decision on application for a suspended environmental authority

This notice is issued by the administering authority¹ pursuant to sections 284F and 698C of the Environmental Protection Act 1994 to advise you of the decision made following the application to convert a surrendered registration certificate into a suspended environmental authority.

To: Hervey Bay Boat Club Inc
PO Box 7020
HERVEY BAY QLD 4655

Attention: Lawrie Keleher

Our reference: CR2247

Decision made on the application to convert a surrendered registration certificate into a suspended environmental authority

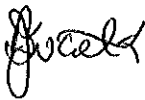
1. Application details

Your application to convert a surrendered registration certificate into a suspended environmental authority EPPR02650814 for the period of 11/11/2014 to 01/12/2014 was received by the administering authority on 06/11/2014.

Property/location description: Urangan Boat Harbour.

2. Decision

The administering authority has decided to approve the application to convert a surrendered registration certificate into a suspended environmental authority.



Signature

11/11/2014

Date

Jodie Brackenbury
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:
Margaret Jones
Permit and Licence Management
Department of Environment and Heritage Protection
GPO Box 2454
BRISBANE QLD 4001
Phone: 1300 130 372
Fax: (07) 3330 5875
Email: palm@ehp.qld.gov.au

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