

Registration certificate

Environmental Protection Act 1994

Registration certificate

No: ENRE03357011

This registration certificate is issued by the administering authority and takes effect from: 16 November 2011.

The anniversary day for the purposes of the Annual Return is: 16 November.

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 attached to the premises.

Registered Operator:-

Bidwell Enterprises Pty Ltd
T/A Heritage Lodge & Spa
C/- Andrew G Marshall
193 Brisbane Terrace, GOODNA QLD 4300

Place:-

Lot 236 on RP74095

Located at:-

Turpentine Road, DAINTREE QLD 4873

Registered Activity: -

ERA 63 Sewage treatment Threshold 2(a) - operating sewage treatment works, other than no-release works, with a total daily peak design capacity of 21 to 100EP (i) if treated effluent is discharged to an infiltration trench or through an irrigation scheme



Delegate
Department of Environment and Resource Management
Environmental Protection Act 1994
16 November 2011



Queensland Government
Environmental Protection Agency
Queensland Parks and Wildlife Service

CNS348 9.4.01

Cairns District Office
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CNS348

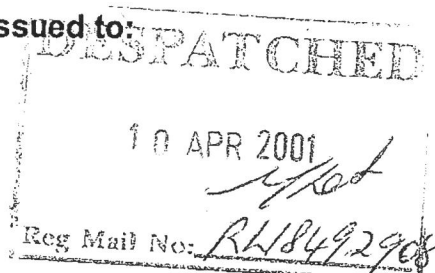
Licence No. FN0439
(without development approval)
Section 93 Environmental Protection Act 1994

C O P Y

This licence to carry out an environmentally relevant activity is issued in accordance with section 93 of the Environmental Protection Act 1994.

Under the provisions of the
Environmental Protection Act 1994 this licence is issued to:

Rainbow Seas Pty Ltd
 Trading as The Daintree Cape Tribulation Heritage Lodge
 Lot 236, Turpentine Road
 Cooper Creek
 CAPE TRIBULATION QLD 4873



in respect of carrying out the following environmentally relevant activity (ERA):

- **15(a) Sewage treatment - 21 or more equivalent persons but < 100 equivalent persons**

at the following place/s:

Lot 236, Plan 74095
 Parish of Alexandra, County of Diwan
 located at
 Turpentine Road
 Cooper Creek
 CAPE TRIBULATION QLD 4873.

This licence is subject to the conditions set out in the attached schedules.

The anniversary date of this licence is 23 May 2001.

This licence takes effect from 09 April 2001.

Rob Lawrence
 Signed

09 April 2001
 Date

Rob Lawrence
District Manager
Cairns District, Northern Region
Delegate of Administering Authority
Environmental Protection Act 1994

Note: This licence document is not proof of the current status of the licence. The current status of the licence may be ascertained by contacting the Environmental Protection Agency.



Schedule of Conditions

The aforementioned description of the ERA for which this authority is issued is simply a restatement of the activity as prescribed in the legislation at the time of issuing the authority. Where there is any conflict between the above description of the ERA for which this authority is issued and the conditions as specified in this authority as to the scale, intensity or manner of carrying out of the ERA, then such conditions prevail to the extent of the inconsistency.

This licence incorporates the following schedules of conditions relevant to various issues:

- Schedule A - General Conditions
- Schedule B - Air
- Schedule C - Water
- Schedule D - Stormwater Management
- Schedule E - Land Application
- Schedule F - Noise
- Schedule G - Waste Management
- Schedule H - Self Monitoring and Reporting
- Schedule I - Definitions
- Schedule J - Site Plan

SCHEDULE A - GENERAL CONDITIONS

Access to Copy of Environmental Authority

- (A1) A copy of this environmental authority must be kept in a location readily accessible to personnel carrying out the activity.

Records

- (A2) 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 (5) years and be available for examination by an authorised person.

Alterations

- (A3) 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.

Monitoring and Measurements

- (A4) 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 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.

Competency

- (A6) The holder of this environmental authority shall ensure that the operation and maintenance of the sewage treatment plant is carried out by or under the supervision of a person competent to operate and maintain the sewage treatment plant.



Inspections

- (A7) The holder of this environmental authority must ensure that the sewage treatment plant and irrigation system is to be inspected twice weekly for the purposes of ensuring it is operating efficiently.

END OF CONDITIONS FOR SCHEDULE A

SCHEDULE B - AIR

- (B1) Nil conditions.

END OF CONDITIONS FOR SCHEDULE B

Schedule C - Water

- (C1) Effluent from the sewage treatment plant must not be directly or indirectly released from the licensed place to groundwater where such release would cause the groundwater to exceed any standard for a water quality characteristic listed in Schedule C - Table 1 below.

Schedule C - Table 1

Waters	Water Quality Characteristic	Method of Testing	Standard
aquifer beneath licensed place	Faecal coliforms	Membrane Filtration	Less than one organism per 100ml
aquifer beneath licensed place	Faecal coliforms	Most Probable Number (MPN)	Less than two organisms per 100ml

END OF CONDITIONS FOR SCHEDULE C

SCHEDULE D - STORMWATER MANAGEMENT

- (D1) Nil conditions.

END OF CONDITIONS FOR SCHEDULE D

SCHEDULE E - LAND APPLICATION

Release of Contaminants to Land

- (E1) The contaminant release area must be maintained in a proper and efficient condition so as to provide adequate assimilation, percolation, evaporation and transpiration of the released contaminants.
- (E2) No spraying arising from the application of contaminants to the release area shall be allowed to drift beyond the boundaries of the licensed place.
- (E3) Public access to any contaminant release area must be denied during the release of contaminants to land and until the release area has dried.

Quality of Contaminants Released to Land

- (E4) The contaminant/s released must comply, at the sampling and in-situ measurement point/s specified in Schedule H, with each of the release limits specified in Schedule E - Table 1 for each quality characteristic.

Schedule E - Table 1

Release Quality Characteristic Limits

QUALITY CHARACTERISTICS	RELEASE LIMIT	LIMIT TYPE
5-day Biochemical Oxygen Demand (mg/l)	20 30	80th percentile maximum
Faecal coliforms	500 1000	80th percentile maximum
Free Residual Chlorine (mg/l)	0.5 – 2.0	range



Wet Weather Storage

- (E5) When weather conditions or soil conditions preclude the release to land of contaminants, the contaminants must be directed to a wet weather storage.
- (E6) The wet weather storage must be designed to hold a volume equivalent to two (2) days of effluent discharge.

END OF CONDITIONS FOR SCHEDULE E

SCHEDULE F - NOISE

Emission of Noise

- (F1) 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.

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)	Monday to Saturday 7 am - 6 pm
Background noise level plus 5 dB(A)	Monday to Saturday 6 pm - 10 pm
Background noise level plus 3 dB(A)	Monday to Saturday 10 pm - 7 am
Background noise level	All other times and public holidays
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)	Monday to Saturday 7 am - 6 pm
Background noise level plus 10 dB(A)	Monday to Saturday 6 pm - 10 pm
Background noise level plus 8 dB(A)	Monday to Saturday 10 pm - 7 am
Background noise level plus 5 dB(A)	All other times and public holidays

END OF CONDITIONS FOR SCHEDULE F

SCHEDULE G - WASTE MANAGEMENT

Sewage Sludge Handling and Disposal

- (G1) The holder of this environmental authority must keep and maintain permanent records for every load of regulated waste transported off the premises, and must include the following information:
- date of transport;
 - description of waste;
 - cross reference to relevant waste transport documentation;
 - quantity of waste;
 - destination of the waste; and
 - method of waste treatment, reprocessing or disposal to be used (where applicable).

NOTE: Records of documents maintained in compliance with a waste tracking system established under the *Environmental Protection Act 1994* or any other law for regulated waste will be deemed to satisfy this condition.

END OF CONDITIONS FOR SCHEDULE G



SCHEDULE H - SELF MONITORING AND REPORTING

Complaint Recording

- (H1) 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 with the following details:
- (a) time, date and nature of complaint;
 - (b) type of communication (telephone, letter, personal etc.);
 - (c) 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);
 - (d) response and investigation undertaken as a result of the complaint;
 - (e) name of person responsible for investigating complaint; and
 - (f) action taken as a result of the complaint investigation and signature of responsible person.

Monitoring of Contaminant Releases to Land

- (H2) The holder of this environmental authority is responsible for the making of determinations and keeping of records of the quality of the contaminants released for the sample points, quality characteristics, and at the frequency specified in Schedule H - Table 1.

Schedule H - Table 1

Required Release Point Determinations

QUALITY CHARACTERISTIC DETERMINATION	SAMPLE POINTS	FREQUENCY
5-day Biochemical Oxygen Demand (mg/l)	irrigation line filter case	not less frequently than quarterly
Faecal coliforms	irrigation line filter case	not less frequently than quarterly
Free Residual Chlorine	irrigation line filter case	weekly

- (H3) All determinations of the quality of contaminants released to land must be made in accordance with methods prescribed in the Department of Environment and Heritage Water Quality Sampling Manual, 2nd Edition, February 1995, or more recent additions or supplements to that document as such become available.

Monitoring of Volume of Release

- (H4) The holder of this environmental authority is responsible for the making of determinations and keeping of records of the quantity of flow of treated sewage effluent to the contaminant release area not less frequently than monthly.

Monitoring of Groundwater Quality

- (H5) The holder of this environmental authority must maintain a bore for the purpose of sampling and analysing groundwater at the location shown in condition number (J1).
- (H6) The holder of this environmental authority is responsible for ensuring a groundwater monitoring program is performed which complies with the following requirements:
- (a) standing water levels in metres must be measured and recorded on each occasion that samples are obtained. Such measurement must be undertaken prior to any disturbance by sampling and must be reported as the depth in metres from the top edge of the casing collar to the water surface within the bore;
 - (b) samples of groundwater must be taken from the bore at least quarterly each year; and
 - (c) the samples obtained in accordance with condition number (H6)(b) must be analysed for faecal coliforms.



Report Submission

- (H7) The results of all monitoring performed in accordance with this environmental authority must be submitted to the administering authority with the annual return.

Notification of Emergencies and Incidents

- (H8) Where the holder of this environmental authority has not given notification to the administering authority under section 37 of the Environmental Protection Act, as soon as practicable after becoming aware of any emergency or incident which results in the release of contaminants not in accordance, or reasonably expected to be not in accordance with the conditions of this environmental authority, the holder of this environmental authority must notify the administering authority of the release by telephone or facsimile.

END OF CONDITIONS FOR SCHEDULE H

SCHEDULE I - DEFINITIONS

Some of the words and phrases used throughout this licence are defined below:

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

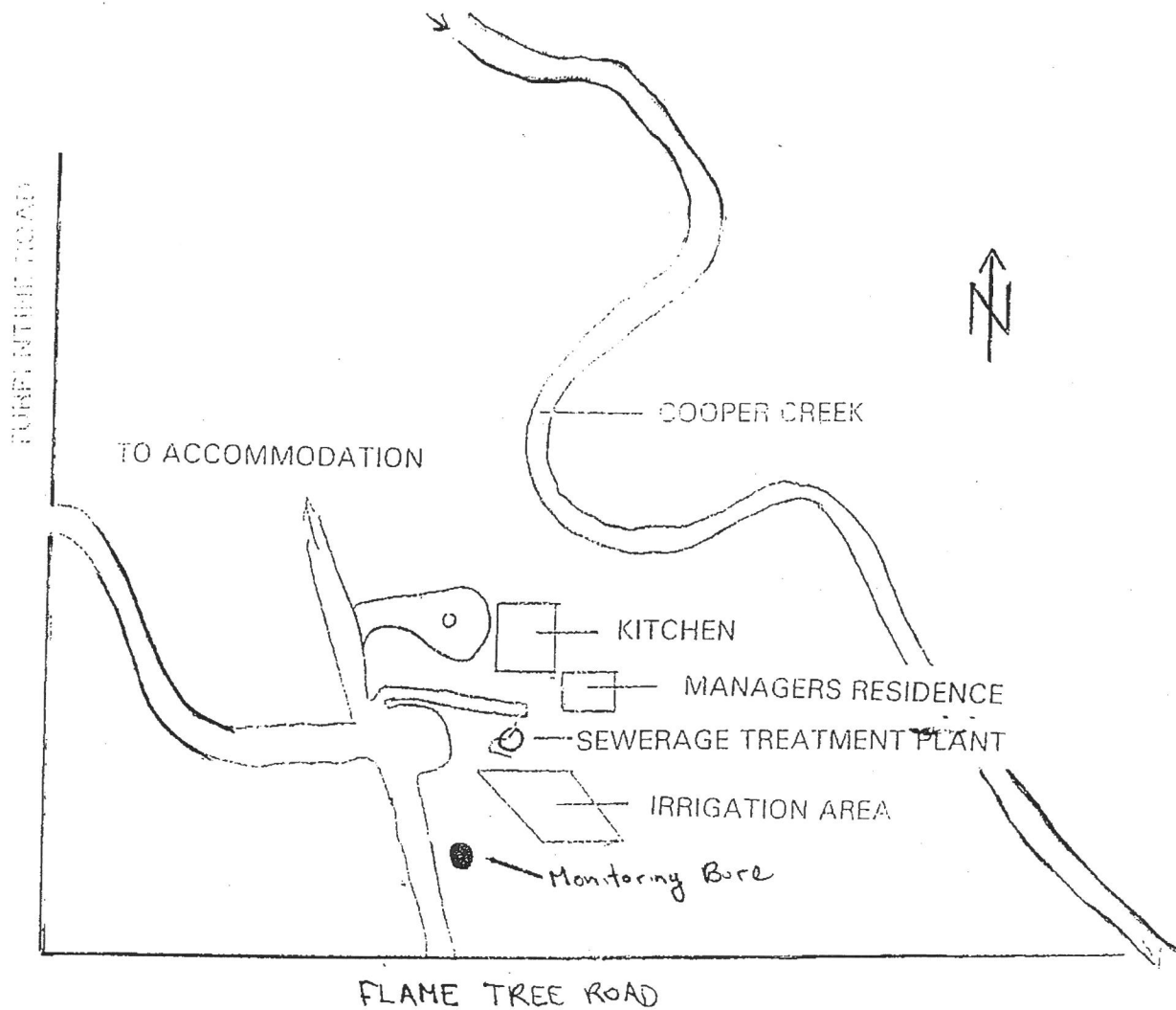
- (11) "administering authority" means the Environmental Protection Agency or its successor.
- (12) "mg/l" means milligrams per litre.
- (13) "maximum" means that the measured value of the quality characteristic or contaminant must not be greater than the release limit stated.
- (14) " $L_{Amax\ adj,T}$ " means the average maximum A-weighted sound pressure level, adjusted for noise character and measured over a time period of not less than fifteen (15) minutes, using Fast response.
- (15) "background noise level" means $L_{A90,T}$ being the A-weighted sound pressure level exceeded for 90 percent of the time period of not less than fifteen (15) minutes, using Fast response.
- (16) "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.
- (17) "commercial place" means a place used as an office or for business or commercial purposes.
- (18) "the holder of this environmental authority" means Rainbow Seas Pty Ltd.
- (19) "licensed place" means Lot 236, Plan 74095, Parish of Alexandra, County of Diwan, Turpentine Road, Cooper Creek, Cape Tribulation Qld 4873.
- (110) "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 (5) consecutive samples where the time interval between the taking of each consecutive sample is not less than three (3) days.

END OF CONDITIONS FOR SCHEDULE I



SCHEDULE J - SITE PLAN

(J1) Sewage Treatment Plant and Defined Contaminant Release Area



END OF CONDITIONS FOR SCHEDULE J
END OF ENVIRONMENTAL AUTHORITY