

Registration certificate

Environmental Protection Act 1994

Registration certificate

No: ENRE03695512

This registration certificate is issued by the administering authority and takes effect from: 07-MAR-2012.

The anniversary day for the purposes of the Annual Return is 7 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 development approval attached to the premises.

Registered Operator:-

SWX2 Pty Ltd
Trading as Daintree Crocodylus Village
C/- Simon Keirle Accountant
Suite 8, 50 Macrossan Street, PORT DOUGLAS QLD 4877

Development Approval Number: IPDE02267610 (formerly FN0270)

Place:-

Lot 5 Plan RP39768

Located at:-

Lot 5, Buchanan Creek Road, COW BAY 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
Linda Gorman
Department of Environment and Resource Management
Environmental Protection Act 1994

07-MAR-2012



Queensland Government
Environmental Protection Agency
Queensland Parks and Wildlife Service

Calms District Office
 PO Box 2066 CAIRNS QLD 4870
 Phone: (07) 4046 6602 Fax: (07) 4046 6606
 www.env.qld.gov.au ABN: 87221158786

Licence No. FN0270
(without development approval)
Section 93 Environmental Protection Act 1994

This licence to carry out an environmental 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:

Crocodylus Village Pty Ltd
 Trading as Crocodylus Village
 Lot 5, Buchanan Creek Road
 COW BAY QLD 4873

in respect of carrying out the environmental relevant activity:

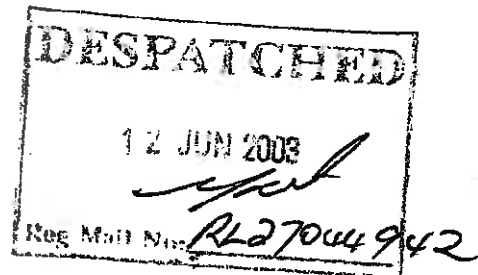
15(b) Sewage treatment - Operating a standard sewage treatment works having a peak design capacity to treat sewage of 100 or more equivalent persons but less than 1 500 equivalent persons

at the following place(s):

Lot 5, RP739768
 Parish of Alexander, County of Solander.

located at:

Lot 5, Buchanan Creek Road
 COW BAY QLD 4873



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

The anniversary date of this licence is 18 August.

This amended licence takes effect from 11 June 2003.

Signed

11 June 2003
 Date

Ingrid Minnesma
Acting 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 plans

Schedule A - General conditions

The following conditions are prescribed:

Monitoring and Measurements

- (A1) All determinations of the quality of contaminants released to the environment 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.
- (A2) 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.

END OF CONDITIONS FOR SCHEDULE A

Schedule B - Air

The following conditions are prescribed:

- (B1) In the event of a complaint made to the administering authority (which is neither frivolous or vexatious) about odour generated on the licensed place, and the odour is considered by the administering authority to be an unreasonable release, the holder of this environmental authority must take action to mitigate the odour to ensure that it is no longer an unreasonable release.

END OF CONDITIONS FOR SCHEDULE B

Schedule C - Water

The following conditions are prescribed:

Sullage Pond and Environment Lagoon



- (C1) Contaminants that may cause environmental harm must not be directly or indirectly released from any source on the licensed place to any waters.
- (C2) The sullage pond and environment lagoon as shown in condition number (J1) of this environmental authority must be constructed, managed and maintained so as to:
 - (a) minimise any seepage through the beds and banks;
 - (b) maintain a minimum freeboard of at least 500 mm;
 - (c) minimise erosion of the inner banks of the ponds;
 - (d) minimise erosion of the outer banks of the ponds; and
 - (e) suppress weed growth and mosquito breeding.

END OF CONDITIONS FOR SCHEDULE C

Schedule D - Stormwater management

The following conditions are prescribed:

General

- (D1) The environmentally relevant activity must be carried out in a manner that prevents:
 - (a) the contact of incident rainfall and stormwater runoff with sewage sludge or grease trap wastes; and
 - (b) the release of any stormwater contaminated by sewage sludge or grease trap wastes to any stormwater drain or waters or the bed or banks of any such waters.
 - (c) the release of sewage effluent from the sullage pond and environment lagoon to any stormwater drain or waters or the beds and banks of any such waters.
- (D2) Any spillage during pumping out of sewage sludge or grease trap wastes must be cleaned up as quickly as practicable and by the use of appropriate methods to prevent such spills from contaminating stormwater or groundwater.
- (D3) By the 30 July 2001 all fuel tank storages must be bunded so that the capacity of the bund is sufficient to contain at least 100% of the largest storage tank plus 10% of the second largest tank within the bund.
- (D4) By the 30 July 2001 all drum storages of chemicals, oil or fuel must be bunded so that the capacity of the bund is sufficient to contain at least 25% of the maximum design storage volume within the bund.
- (D5) All bunding must be constructed of material which are impervious to the materials stored.

END OF CONDITIONS FOR SCHEDULE D

Schedule E - Land application

The following conditions are prescribed:

- (E1) Nil conditions.

END OF CONDITIONS FOR SCHEDULE E



Schedule F - Noise

The following conditions are prescribed:

- (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 5dB(A)	7 am - 6 pm
Background noise level plus 5dB(A)	6 pm - 10 pm
Background noise level plus 3dB(A)	10 pm - 7 am
Noise Limits at a Commercial Place Measured as the Adjusted Maximum Sound Pressure Level $L_{Amax adj, T}$	Period
Background noise level plus 10dB(A)	7 am - 6 pm
Background noise level plus 10dB(A)	6 pm - 10 pm
Background noise level plus 8dB(A)	10 pm - 7 am

END OF CONDITIONS FOR SCHEDULE F

Schedule G - Waste management

The following conditions are prescribed:

General

- (G1) Grease traps must be inspected and emptied as often as is necessary to ensure effective operation of the traps, and to avoid overflows.
- (G2) The lids of all grease traps must be kept closed except for maintenance or checking of operating efficiency.

Sewage Sludge Handling and Disposal

- (G3) The removal of sludges from the septic tanks and grease traps must be carried out in a manner that minimises the risk of spillage of sludge or any other release of contaminants to the environment.
- (G4) Sludges referred to condition number (G3) must only be disposed of to premises whose operator is licensed under the Environmental Protection Act to accept such wastes.

Off Site Movement

- (G5) The holder of this environmental authority must keep and maintain permanent records for every load of sewage sludge and/or grease trap wastes transported off the premises, and must include the following information:
- (a) date of transport;
 - (b) description of waste;
 - (c) cross reference to relevant waste transport documentation;
 - (d) quantity of waste;
 - (e) destination of the waste;
 - (f) results of analysis (where applicable); and



- (g) 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.

Notification of Improper Disposal of Regulated Waste

- (G6) If the holder of this environmental authority becomes aware that a person has removed waste from the licensed place and disposed of that waste in a manner which is not authorised by this environmental authority, or improper or unlawful, then the holder of this environmental authority must, as soon as practicable, notify the administering authority of all relevant facts, matters and circumstances known concerning the disposal.

END OF CONDITIONS FOR SCHEDULE G

Schedule H - Self monitoring and reporting

The following conditions are prescribed:

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.

Septic Tanks

- (H2) All sewage treatment tanks must be visually inspected at least monthly to check their condition and to determine if a pump-out is required, and if that inspection reveals that the tanks should have the sludge contained in them removed, the holder of this environmental authority must arrange for such works to be done as soon as is practicable.
- (H3) Records shall be made of the results of the inspection program referred to in condition number (H2) of any remedial works undertaken.

Monitoring of Groundwater Quality

- (H4) By July 2001, the holder of this environmental authority must install a minimum of three (3) monitoring bores for the purpose of sampling and analysing groundwater as follows:
- (a) Bore 1 must be installed down gradient and within approximately 150 metres of the sullage pond to intercept any aquifer likely to be affected by the sullage pond effluent;
 - (b) Bore 2 must be installed down gradient and within approximately 150 metres of the environment lagoon (or at the property boundary down gradient of the lagoon, whichever is closer) to intercept any aquifer likely to be affected by the environment lagoon effluent; and
 - (c) Bore 3 (reference bore) must be installed in a location that is representative of the ground water quality which is not affected by effluent from the sullage pond or environment lagoon.
- (H5) The holder of this environmental authority must sink the monitoring bores to a depth where groundwaters likely to be affected by sewage effluent can be identified.



- (H6) The holder of this environmental authority is responsible for ensuring groundwater monitoring is performed in accordance with the following requirements:
- (a) standing water levels in the monitoring bores must be measured and recorded on each occasion that samples are obtained. Such measurement must be undertaken prior to any disturbance by sampling; and
 - (b) the samples must be analysed for the water quality characteristics specified in Schedule H, Table 1 and must be taken not less frequently than at the frequency specified in that table.

Schedule H - Table 1

WATER QUALITY CHARACTERISTICS	MINIMUM SAMPLING FREQUENCY
Faecal Coliforms (organisms/100mL)	Biyearly
Total Nitrogen (mg/L)	Biyearly

Monitoring of Effluent Pond Quality

- (H7) The holder of this environmental authority must provide a sampling point in both the sullage pond and environment lagoon which must be maintained to be readily accessible to authorised officers at any reasonable time.
- (H8) The holder of this environmental authority is responsible for ensuring that the waters of the sullage pond and environment lagoon are monitored in accordance with the following requirements:
- (a) the samples must be taken within thirty (30) minutes of completion of the groundwater sampling; and
 - (b) the samples must be analysed for the water quality characteristics specified in Schedule H, Table 2 and must be taken not less frequently than at the frequency specified in that table.

Schedule H - Table 2

WATER QUALITY CHARACTERISTIC	MINIMUM SAMPLING FREQUENCY
Faecal Coliforms (organisms/100mL)	Biyearly
Total Nitrogen(mg/L)	Biyearly

Report Submission

- (H9) The results of all groundwater and pond monitoring performed in accordance with this environmental authority must be submitted to the administering authority in writing within twenty-eight (28) days of completion of analysis.

Environmental Event Recording

- (H10) The holder of this environmental authority must keep a record, in the form of a log, of any equipment failures or events likely to have adversely affected the environmental performance of the licensed place whilst still complying with this environmental authority. This log must include at least the following details:
- (a) time, date and nature of event;
 - (b) response and investigation undertaken to deal with the event;
 - (c) name of person responsible for investigating the event;
 - (d) action taken as a result of the event investigation, and signature of responsible person; and
 - (e) must be made available upon request to any authorised person who must be permitted to make copies thereof.

Monitoring



- (H11) All environmental monitoring determinations 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.

END OF CONDITIONS FOR SCHEDULE H

Schedule I - Definitions

Words and phrases used throughout this licence.

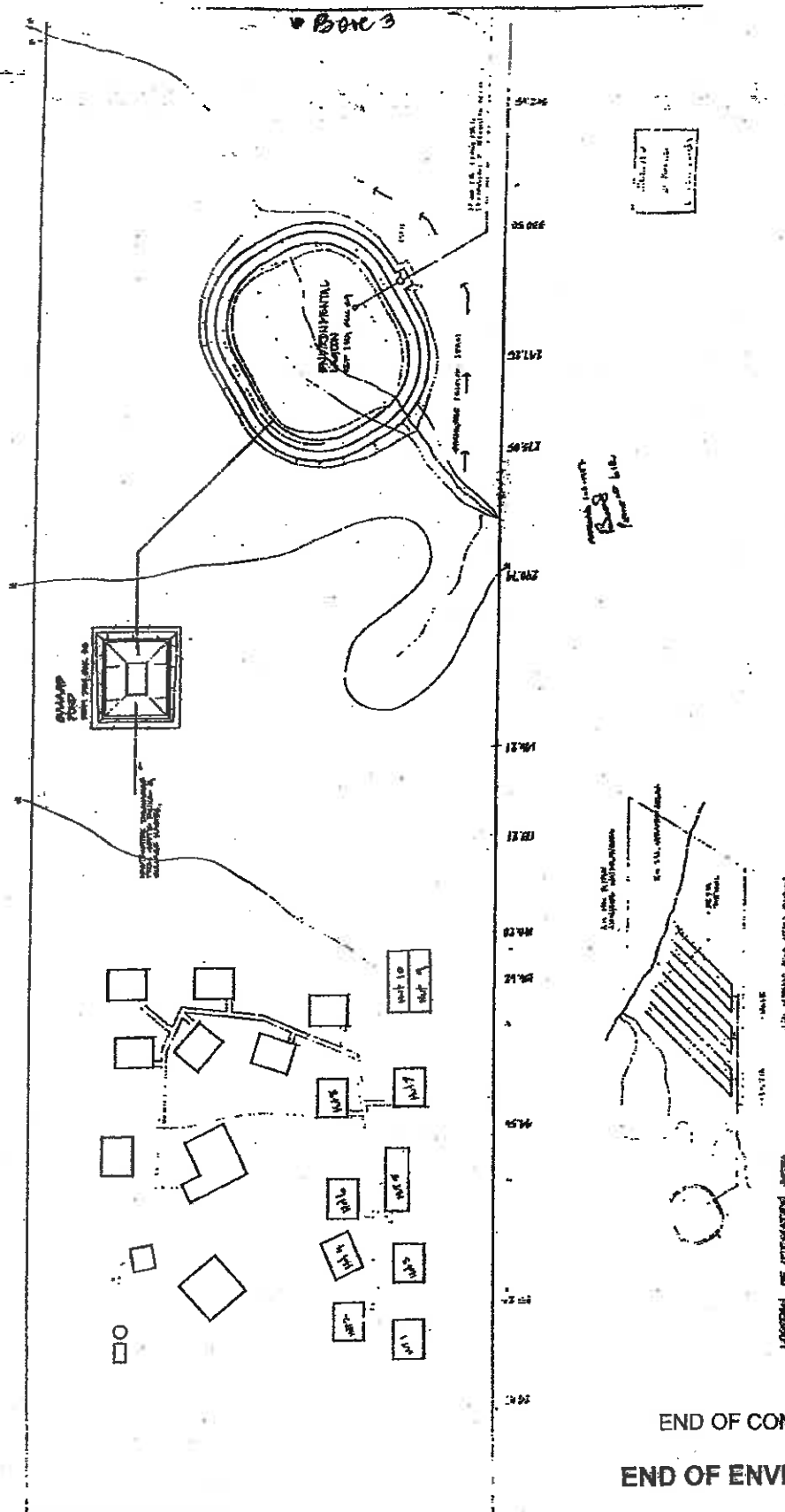
Some of the words and phrases used throughout this licence are defined below:

- (11) "administering authority" means the Environmental Protection Agency or its successor.
- (12) "Total Nitrogen" means the sum of Organic Nitrogen, Ammonia Nitrogen, Nitrite plus Nitrate Nitrogen
- (13) "mg/L" means milligrams per litre.
- (14) "licensed place" means Lot 5, RP739768, Parish of Alexander, County of Solander located at Buchanan Creek Road, Cow Bay Qld 4873.
- (15) "the holder of this environmental authority" means Crocodylus Village Pty Ltd.
- (16) "biyearly" means at least once in February and August of each year.

END OF CONDITIONS FOR SCHEDULE I

Schedule J - Site plans

(J1) Sullage Pond and Environmental Lagoon



END OF ENVIRONMENTAL AUTHORITY