COPY

Item Id 1431247

NOR/ 045153

Registration certificate

Environmental Protection Act 1994

Registration certificate

No: ENRE00974909

This registration certificate is issued by the administering authority and takes effect from: 24-NOV-2011.

The anniversary day for the purposes of the Annual Return is 29 November.

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

Registered Operator:-
Mr Donald Ernest & Mrs Eunice Jennifer Thompson
325 Crocodile Creek Road
CAPE CLEVELAND QLD 4810

Development Approval Number: IPDE02172910 (formerly NR0070)

Place:-
Lot 12 Plan RP743775
Located at:-
325 Crocodile Creek Road, CAPE CLEVELAND QLD 4810
Registered Activities:-
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
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
Derek Robson
Department of Environment and Resource Management
Environmental Protection Act 1994

24-NOV-2011

Department of Environment and Resource Management
www.derm.qld.gov.au ABN 46 640 294 485

Queensland Government

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Queensland Government

Enquiries Dearne Sauer
Telephone (07) 4722 5353
Your reference NR0070
Our reference TSV110

3/11/03 JS

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Environmental Protection Agency

Incorporating the
Queensland **Parks and Wildlife Service**

Mr Don Thompson
Pacific Ocean Fisheries
12 Crocodile Creek Road
CAPE CLEVELAND QLD 4816
Fax: 47788133

Dear Mr Thompson

Amended Environmental Authority

Please find attached your amended Environmental Authority (licence) NR0070. This amended licence will take effect from 6 November 2003.

EPA wishes to reconfirm the following points with regard to the amended licence.

- To ensure compliance with your current QPWS permit, a maximum of 600m^3 of wastewater per day has been licenced for release from your operation. It is a requirement that this is measured at the discharge point of the settlement pond immediately prior to release onto the saltpan on your property.
- There can be no alterations or additions to your existing farm intake structures.

As stated in previous correspondence, this amended licence applies to a higher category of environmentally relevant activity than your previous licence and thus has a resultant higher annual fee, i.e. $1000.00 per annum as opposed to $500.00 per annum.

You would have recently received notification that the $500.00 annual fee is due for your original licence, which has an anniversary date of 29 November 2003. You are requested to disregard the amount indicated on this notice and instead pay the $1000.00 annual fee associated with your amended licence. This will be due by 29 November 2003 as was indicated in the original notice.

If you have any questions regarding this matter please contact Mr Les Mills on 4722 5353.

Yours sincerely

.....

Rob Curtis
District Manager, Townsville
Environmental Operations
Northern Region

Date: 3/11/03

Encl: Amended Environmental Authority NR0070

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Page 1 of 1

Old Quarantine Station, Cape Pallarenda
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Queensland 4810 Australia
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access
environmental licences and permits

Notice

Environmental Operations

Decision to grant an amendment to an environmental authority

This statutory notice is issued by the administering authority pursuant to section 126 of the *Environmental Protection Act 1994*, to advise you of a decision or action.

DE & EJ Thompson
Lot 12 Crocodile Creek Road
CLEVEDON QLD 4816

Your reference :

Our reference : TSV110

Attention: Mr D. Thompson,

Re: Application for amendment of a licence (without development approval) by DE & EJ Thompson to carry out Environmentally Relevant Activity (ERA) 1(c) Aquaculture on land located at Lot 12 Crocodile Creek Road, Clevedon.

Thank you for your application to amend environmental authority number NR0070. Your application, which was received by this office on 27 October 2003, has been approved.

The amendment takes effect 6 November 2003.

Should you have any queries in relation to this Notice, Dearne Sauer of the EPA on telephone 47225353 would be happy to assist you.

SIGNATURE

3 November 2003

DATE

Rob Curtis
District Manager, Townsville
delegate
Environmental Protection Act 1994

Enquiries:
Northern Region (Townsville Office)
Phone: 47225353 Fax: 47225351
PO Box 5391 Townsville 4810

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

Queensland Government
Environmental Protection Agency
Queensland Parks and Wildlife Service

00375

ENVIRONMENTAL PROTECTION ACT 1994

Queensland Government
Environmental Protection Agency
Queensland **Parks and Wildlife Service**

Northern Regional Office (Townsville)
PO Box 5391 TOWNSVILLE MC QLD 4810
Phone: (07) 4722 5353 Fax: (07) 4722 5351
www.env.qld.gov.au ABN: 87221158786

Licence No. NR0070 (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:

DE & EJ Thompson
Lot 12 Crocodile Creek Road
CLEVEDON QLD 4812

in respect of carrying out the environmental relevant activity:

1(c) Aquaculture - Cultivating or holding marine, estuarine or freshwater organisms (other than molluscs) in ponds or tanks or in enclosures in waters (the 'impoundments') if the total area of the impoundments is 5 ha or more but less than 10 ha and wastes are released to waters

at the following place(s):

Lot 12 on Plan RP143775.

located at:

Crocodile Creek Road, Clevedon.

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

The anniversary date of this licence is **29 November**

This amended licence takes effect from **6 November 2003**.

R Curtis — Signed

3/11/03 — Date

Rob Curtis
District Manager
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.

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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 this 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 authority incorporates the following schedules of conditions relevant to various issues:

Schedule A - General Conditions

Schedule B - Water

Schedule C - Stormwater Management

Schedule D - Land Application

Schedule E - Noise

Schedule F - Waste Management

Schedule G - Self Monitoring and Reporting

Schedule H - Approved Documents

Schedule I - Definitions

Schedule A - General Conditions

Compliance with Environmental Authority

(A1) In carrying out the environmentally relevant activity/activities, the holder of this environmental authority must take all reasonable and practical measures to minimise releases and the likelihood of releases of contaminants to the environment, except as otherwise provided by the conditions of this environmental authority.

(A2) The holder of this environmental authority must:

(a) install and operate all works and control equipment, and
(b) take all measures, perform all acts and do all things,

necessary to ensure compliance with the conditions of this environmental authority.

Display of Environmental Authority

(A3) A copy of the conditions of this environmental authority must be kept in a location readily accessible to personnel carrying out the activity.

Records

(A4) 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 years and be available for examination by an authorised person. The record retention requirements of this condition will be satisfied if any daily and weekly records are kept for a period of at least three (3) years and these records are then kept in the form of annual summaries after that period.

(A5) Copies of any record required to be kept by a condition of this environmental authority must be provided to any authorised person or the administering authority on request.

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Alterations

(A6) 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.

Calibration

(A7) 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.

Nuisance

(A8) Notwithstanding any other condition of this environmental authority, this environmental authority does not authorise any release of contaminants which causes or is likely to cause an environmental nuisance beyond the boundaries of the licensed place.

Number and Area of Ponds

(A9) This environmental authority applies to the operation of not more than 10 aquaculture growout ponds having a combined total area of less than 10 hectares.

Competency

(A10) The licensee shall ensure that the operation and maintenance of the aquaculture facility is carried out by or under the supervision of a person competent to operate and maintain the aquaculture facility.

Site Based Management Plan

(A11) From commencement of the expanded operations (i.e. operations above 3ha growout ponds), a Site Based Management Plan (SBMP) must be implemented. The SBMP must identify all sources of environmental harm, including 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 Environmentally Relevant Activities that are carried out.

The site based management plan must address the following matters:

- Environmental commitments - a commitment by senior management to achieve environmental goals.
- Identification of environmental issues and potential impacts.
- Control measures for routine operations to minimise likelihood of environmental harm.
- Contingency plans and emergency procedures for non-routine situations.
- Organisational structure and responsibility.
- Effective communication.
- Monitoring of the contaminant releases.
- Conducting environmental impact assessments.
- Staff training.
- Record keeping.
- Periodic review of environmental performance and continual improvement.

Acid Sulfate Soils (ASS)

(A12) You must comply with the latest edition of the Queensland Environmental Protection Agency's INSTRUCTIONS FOR THE TREATMENT AND MANAGEMENT OF ACID SULFATE SOILS, 2001, produced by the Queensland Environmental Protection Agency in consultation with the Department of Natural Resources and Mines and the Department of Primary Industries.

(A13) Acid sulfate soils must be managed such that contaminants are not to be directly or indirectly released,

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as a result of the activity, to any waters or the bed and banks of any waters or into the adjacent National Park.

End of Conditions for Schedule A

Schedule B - Water

Release of Contaminants to Waters

(B1) Contaminants must not be directly or indirectly released from the licensed place to any waters or the bed and banks of any waters except as permitted under the water schedule or the stormwater management schedule, or to a sewer as permitted or otherwise agreed from time to time by the relevant Local Government.

(B2) The only contaminants permitted to be released from the licensed place at the release point W1 are aquaculture wastes from the aquaculture ponds.

Release Points

(B3) Contaminants must not be directly or indirectly released from any source on the licensed place to any waters at any location other than the contaminants and sources at the locations listed below:

Release point W1	**Aquaculture wastes from the discharge structure of the secondary settlement pond to an on-site salt pan adjacent to a tributary of Crocodile Creek GPS location S19°20'58.0" E147°00'32.2" (WGS 84)**

(B4) Notwithstanding any other condition of this environmental authority, the wastes must be directed from the discharge structure in a manner which does not erode or otherwise disturb mangrove vegetation, the stream bed, the stream banks or the habitat in general.

Quantity of Contaminants Released

(B5) The total quantity of contaminants released from release point W1 during any day must not exceed 600 cubic metres. The total quantity of wastes discharged during one calendar year shall not exceed 219 600 cubic metres.

(B6) Should a staged development of the project be undertaken or less than the full number of ponds be in operation at one time, the quantity of wastes discharged during any day, the total quantity of wastes discharged during one calendar year and the average flow per day must be limited to a proportion of the above volumes, based on the number of ponds in operation in relation to the full development of 9.8 hectares of growout ponds.

Quality Characteristics Of Release to Waters

(B7) The release of contaminants to waters must comply, at the sampling and in-situ measurement point/s specified in Schedule G, with each of the limits specified in Schedule B Table 1 for each quality characteristic.

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Schedule B Table 1 –
Release Quality Characteristic Limits

Quality Characteristics	Release Point	Discharge Limit	Limit Type
Suspended Solids (mg/L)	*W1*	*25/100*	*Median/Maximum*
pH (pH Units)	*W1*	*6.5 - 8.7*	*Range*
Dissolved Oxygen (mg/L)	*W1*	*4.0/5.5*	*Minimum/Median*
Total Nitrogen (mg/L)	*W1*	*1.1/2.5/3.5*	*Median/80th Percentile/Maximum*
Chlorophyll *a* (µg/L)	*W1*	*20/100*	*Median/Maximum*
Total Phosphorus as P (mg/L)	*W1*	*0.11/0.35/0.45*	*Median/80th Percentile/Maximum*

(B8) For all parameters in Table 1, except dissolved oxygen concentration, where a median and/or 80th percentile and/or maximum limit is specified, the set of data describing the release quality characteristics must have a median lower in value than the median limit and/or an 80th percentile lower in value than the 80th percentile limit and/or a maximum lower in value than the maximum limit.

For dissolved oxygen concentration, the set of data describing the release quality characteristics must have a median higher in value than the median limit and a minimum higher in value than the minimum limit.

(B9) Notwithstanding any other condition of this environmental authority, any release of contaminants to waters must not produce any slick or other visible evidence of oil or grease, nor contain visible floating oil, grease, scum, litter or other objectionable matter.

End of Conditions for Schedule B

Schedule C - Stormwater Management

Spillage Control

(C1) All existing chemical tank storages must be within a spillage control compound sufficient to contain at least 100% of the largest storage tank.

(C2) All chemical tank storages constructed after 1 October 1996 must be within a spillage control compound sufficient to contain at least 100% of the largest storage tank plus 10% of the second largest tank within the compound.

(C3) All spillage control compounds must be constructed and maintained so as to be sufficiently impervious to allow retention and recovery of any materials being stored within the compound.

(C4) All chemical package storage and handling areas must be within a spillage control compound sufficient to contain at least 100% of the capacity of the largest package plus 25% of the storage capacity up to 10 000 L, together with 10% of the storage capacity beyond 10 000 L.

(C5) Notwithstanding Condition C3, floors forming part of the spillage control compound for the chemical package storage and handling areas must be impervious and not liable to degradation.

(C6) Washing, degreasing, servicing or other maintenance of vehicles, plant, or other equipment must not occur on the licensed place in any area where resulting contaminants will or may be released to any stormwater drain, land or waters.

Pond Sludge Conditioning Areas

(C7) Runoff from pond sludge conditioning areas must be directed in such a manner as to be retained within

the catchment of the discharge channel or in such other manner as to ensure that runoff does not directly enter natural waterways.

End of Conditions for Schedule C

Schedule D - Land Application

Release of Contaminants to Land

(D1) The release of pond sludge to land must only occur in pond sludge conditioning areas identified in the application for environmental authority or identified in an approved document listed in Schedule I of this environmental authority.

End of Conditions for Schedule D

Schedule E - Waste Management

General

(E1) The holder of this environmental authority must not:

(i) burn waste at or on the licensed place; nor
(ii) allow waste to burn or be burned at or on the licensed place; nor
(iii) remove waste from the licensed place and burn such waste elsewhere.

End of Conditions for Schedule E

Schedule F - Self Monitoring And Reporting

Complaint Recording

(F1) 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 in a log book with the following details:

(i) time, date and nature of complaint;
(ii) type of communication (telephone, letter, personal etc.);
(iii) 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);
(iv) response and investigation undertaken as a result of the complaint;
(v) name of person responsible for investigating complaint; and
(vi) action taken as a result of the complaint investigation and signature of responsible person.

Incident Recording

(F2) A record must be maintained of events including but not limited to:

(i) the time date and duration of equipment malfunctions where failure of such equipment may result in environmental contamination;
(ii) any shut-downs of treatment systems
(iii) any disease outbreak in ponds

Notification of Emergencies and Incidents

(F3) 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, facsimile or submission of a program notice in accordance with Section 350 of the Act.

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(F4) The notification of emergencies or incidents as required by condition number F3 must include but not be limited to the following:

(i) The holder of the environmental authority;
(ii) the location of the emergency or incident;
(iii) the number of the environmental authority;
(iv) the name and telephone number of the designated contact person;
(iv) the time of the release;
(v) the time the holder of the environmental authority became aware of the release;
(vi) the suspected cause of the release;
(vii) the environmental harm and or environmental nuisance caused, threatened, or suspected to be caused by the release; and
(viii) actions taken to prevent further any release and mitigate any environmental harm and or environmental nuisance caused by the release;

unless a program notice in accordance with Section 350 of the Act is submitted.

(F5) Not more than 3 months following the initial notification of an emergency or incident, the holder of the environmental authority must provide written advice of the information supplied in accordance with condition number F4 in addition to:

(i) proposed actions to prevent a recurrence of the emergency or incident,
(ii) outcomes of actions taken at the time to prevent or minimise environmental harm and or environmental nuisance, and
(iii) the results of any environmental monitoring performed.

(F6) A draft environmental management program dealing with the activity submitted to the administering authority for approval, fulfils the requirements of condition number (F5)(i).

Monitoring of Contaminant Releases to Waters

(F7) Monitoring the quality of contaminants released to waters must include but not be limited to samples taken at a time when maximum flow rate is occurring from the outlet.

(F8) 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 release points, quality characteristics, and at the frequency specified in Schedule F Table 1.

Sampling and Monitoring Point Details

(F9) Determinations of the quality of contaminants released to waters to check conformity with the release quality characteristics specified in the Water Schedule of this environmental authority must be undertaken at the sampling and measurement point(s) described as:

W1 - Samples are to be taken and in-situ measurements made at the discharge structure of the secondary settlement pond to an on-site salt pan adjacent to a tributary of Crocodile Creek GPS location S19°20'58.0" E147°00'32.2" (WGS 84)

Schedule F - Table 1

Quality Characteristic Determination	Release Point	Frequency
Suspended Solids (by NATA accredited laboratory method)	W1	*once per month in each month that a discharge occurs*
pH.	W1	*on each day that a discharge occurs*
Dissolved Oxygen.	W1	*on each day that a discharge occurs*
Temperature - Celsius degrees.	W1	*on each day that a discharge occurs*
Total Nitrogen as N	W1	*once per month in each month that a discharge occurs*
Chlorophyll *a*	W1	*once per month in each month that a discharge occurs*
Total Phosphorus as P	W1	*once per month in each month that a discharge occurs*

Harvest Monitoring

(F10) The holder of this environmental authority is responsible for determining the quality of the contaminants released from the Release Points during harvest by determining those quality characteristics specified in Schedule F Table 2, at the Release Points specified in that table and at the frequency specified in that table:

Schedule F - Table 2

Quality Characteristic Determination	Release Points	Frequency
Suspended Solids (by NATA accredited laboratory method)	W1	*during the first, last and median hour of the draining during harvest for one harvest per year*
Turbidity or Suspended Solids (by indicative field measurement)	W1	*during each hour of the draining during harvest for one harvest per year*

(F11) Samples for determination of quality of contaminants released must be taken, at least, in duplicate and the duplicate sample must be analysed if:

a) The primary sample is destroyed or otherwise rendered unsuitable for analysis before an accurate analytical result is obtained; or
b) The analysis of the primary sample is not considered to be accurate.

(F12) All determinations of the quality of contaminants released to waters must be made in accordance with methods prescribed in the Department of Environment Water Quality Sampling Manual, 2nd Edition, February 1995, or more recent additions or supplements to that document as such become available.

(F13) All determinations of the quality of contaminants released must be performed by a person or body possessing appropriate experience and qualifications to perform the required measurements.

Monitoring Of Volume of Release

(F14) The daily quantity of contaminants released must be determined by a method which is accurate to within 5% of the actual amount released. The operator must be able to certify the required accuracy.

(F15) Records must be kept of the results of all determinations of the daily quantity of contaminants released to waters.

Impact Monitoring

(F16) Environmental Impact Monitoring, in accordance with the Approved Document "Environmental Impact Monitoring Program for DE and EJ Thompson" dated 4 November 1996, must be undertaken, in the salt pans adjacent to Crocodile Creek to determine the presence of sediment quality disturbances.

Report Submission

(F17) The holder of this environmental authority must ensure that the results of all monitoring performed in accordance with this environmental authority for the period covered by the return are submitted with the Annual Return.

Exception Reporting

(F18) The holder of this environmental authority must notify the administering authority in writing of any monitoring result which indicates an exceedance of any licence limit within 28 days of completion of analysis.

(F19) The written notification required by condition number F18 above must include:

(i) The full analysis results, and
(ii) Details of investigation or corrective actions taken, and
(iii) Any subsequent analysis.

(F20) Submission of a program notice in accordance with Section 350 of the Act fulfils the requirements of condition number F18 and F20.

End of Conditions for Schedule F

Schedule G - Approved Documents

(G1) The environmentally relevant activity must be constructed, operated and maintained in accordance with all undertakings of the environmental authority application, documents supporting the application and any other documents approved by the administering authority as set out in the Approved Documents Schedule.

(G2) In the event of any inconsistency arising between the undertakings of the environmental authority application or other approved documents as set out in the Approved Documents Schedule and the conditions of this environmental authority, the conditions of this environmental authority must apply.

For the purposes of this environmental authority the following stated documents are approved documents:

Environmental Impact Monitoring Program for DE and EJ Thompson dated 4 November 1996

End of Conditions for Schedule G

3/11/03

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Schedule H - Definitions

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

(H1) **"Act"** means the *Environmental Protection Act 1994.*

(H2) **"Administering Authority"** means the Environmental Protection Agency or its successor.

(H3) **"Land"** means land excluding waters and the atmosphere.

(H4) **"Total Nitrogen"** means the sum of Organic Nitrogen, Ammonia Nitrogen, Nitrite plus Nitrate Nitrogen

(H5) **"mg/l"** means milligrams per litre.

(H6) **"ug/L"** means micrograms per litre

(H7) **"80th percentile"** means the value for a data set covering a 12 month period where at least eight tenths (8/10) of the data are smaller.

(H8) **"median"** means the middle value for a data set covering a 12 month period, where half the data are smaller, and half the data are larger. If the number of samples is even, the median is the arithmetic average of the two middle values.

(H9) **"maximum"** means that the measured value of the quality characteristic or contaminant must not be less than the release limit stated.

(H10) **"minimum"** means that the measured value of the quality characteristic or contaminant must not be less than the release limit stated.

(H11) **"range"** means that the measured value of the quality characteristic or contaminant must not be higher than the higher release limit stated not lower than the lower release limit stated.

(H12) **"compound"** means an area bounded by natural ground contours or by a bund, sufficiently impervious to retain spillage or leakage pending recovery.

(H13) **"bund"** means an embankment or wall which may form part of all of the perimeter of a compound.

End of Conditions for Schedule G

END OF ENVIRONMENTAL AUTHORITY

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5/11/03