

(Pursuant to section 34 of the Waste Management and Pollution Control Act)

Licensee TASMANIAN SEAFOODS PTY. LTD.

Licence Number EPL276

Registered Business

Address

TASMANIAN SEAFOODS PTY. LTD.

66 Frances Bay Drive Stuart Park NT 0820

ACN 009 495 694 ABN 51 009 495 694

Premises Address Section 02413 Hundred of Cavenagh plan(s) S2001/169B

160 WILLIAM RD, BERRY SPRINGS

Anniversary Date: 11 September

Commencement Date: 11/09/2019

Expiry Date: 10/09/2024

Scheduled Activity Collecting, transporting, storing, re-cycling, treating or disposing

of a **listed waste** (as per Table 1) on a commercial or fee for service basis, other than in or for the purpose of a sewage

treatment plant.

Operating **premises**, other than a sewage treatment plant, associated with collecting, transporting, storing, re-cycling, treating or disposing of a **listed waste** (as per Table 1) on a

commercial or fee for service basis.

**Description** Operation of a sea cucumber aquaculture nursery and hatchery

(including algae production), which results in the **storage**, **treatment**, **recycling** and **disposal** of a listed waste (**animal effluent and residues**) via the authorised discharge point to

Darwin River.

Table 1 - Listed Wastes Authorised to be Handled

Listed Waste	Collection	Transport	Storage	Treatment	Recycling	Disposal
Animal effluent and residues	×	×	<b>~</b>	<b>~</b>	<	✓

<sup>✓</sup> Activity authorised by this licence

<sup>×</sup> Activity not authorised by this licence

# **TABLE OF CONTENTS**

NFORMATION ABOUT THIS LICENCE	5
RULES FOR INTERPRETING THE CONDITIONS OF THIS LICENCE	7
ICENCE CONDITIONS	8
GENERAL	8
ARLY SURRENDER OF LICENCE	9
DPERATIONAL	9
DISCHARGES AND EMISSIONS	
ONITORING	10
RECORDING AND REPORTING	
PERFORMANCE IMPROVEMENT	13
DEFINITIONS	15

# **ATTACHMENTS**

- 1 Attachment 1 Monitoring Plan
- 2 Attachment 2 Site Plan
- 3 Attachment 3 Monitoring Locations

#### INFORMATION ABOUT THIS LICENCE

This licence does not in any way relieve the licence holder from its obligations to comply with the Waste
 Management and Pollution Control Act (WMPC Act), including the general environmental duty in section
 12 of the WMPC Act and the duty to notify of incidents causing or threatening to cause pollution under
 section 14 of the WMPC Act.

# Duration of a licence (section 40, 43 and 45 of the WMPC Act)

- A licence will remain in force until its expiry date or until it is surrendered by the licensee or is suspended
  or cancelled in accordance with the WMPC Act.
- The licensee must notify the Northern Territory Environment Protection Authority (NT EPA) within 14 days after ceasing to conduct the activity.
- The licensee may, with the approval of the NT EPA, surrender the licence to the NT EPA.

# Amendment or Revocation of a licence (section 37 of the WMPC Act)

- The licensee may apply to amend or revoke a condition of this licence.
- A fee applies and the application must be made using the designated form via NT EPA Online.
- The NT EPA may also amend or revoke a condition of this licence as set out in section 38 of the WMPC Act.

# Transfer of a licence (section 46 of the WMPC Act)

The licensee can apply to transfer their licence to another person.

# Renewal of a licence (section 40 of the WMPC Act and section 3 of the Regulations)

- The licensee may apply for the renewal of their licence not earlier than 90 days, and not later than 30 days, before their licence expires.
- A fee applies and the application must be made via NT EPA Online.

# **Public Register**

- A copy of environment protection licences and any plans for environmental management, reports, submissions or documents required as a condition of an environment protection licence, will be placed on a register in accordance with section 9 of the WMPC Act.
- A copy of the Annual Return will be placed on the register.
- The NT EPA makes this register freely available from the NT EPA website.

# Environment Protection Objectives (Part 4 of the WMPC Act), and Water Quality Standards (section 73 of the Water Act)

- An Environment Protection Objective (EPO) is a statutory instrument to establish principles on which:
  - a. environmental quality is to be maintained, enhanced, managed or protected;
  - **b.** pollution, or environmental harm resulting from pollution, is to be assessed, prevented, reduced, controlled, rectified or cleaned up; and
  - **c.** effective waste management is to be implemented or evaluated.
- In accordance with section 18 of the WMPC Act a beneficial use, quality standard, criteria or objective declared under section 73 of the Water Act and in force is an environment protection objective for the purposes of the WMPC Act.

- The following EPOs and Beneficial Use Declarations (BUDs) are relevant to this licence:
  - Darwin Rural Water Control District
  - Darwin Harbour Region

# **Environmental Interests**

- This section highlights sensitivity of the surrounding land use and environment associated with the location of the approved activity.
- Sites of Conservation Significance (SOCS) are:
  - Darwin Harbour

# **Cultural Interests**

• It is the licensee's responsibility to contact the Aboriginal Areas Protection Authority, appropriate land council or other governing body and ensure that any Authority Certificates required as a result of conducting the licenced activity are obtained and complied with.

# RULES FOR INTERPRETING THE CONDITIONS OF THIS LICENCE

- Where there is a discrepancy between the conditions of this licence and any plan, standard, guideline or other document referred to in this licence, the conditions of this licence prevail to the extent of the inconsistency.
- Any reference to any standard (Australian or international) in this licence means the relevant parts of the current version of that standard.
- A reference to any guideline or code of practice (or to the relevant parts of any guideline or code of practice) in this licence means the current version of the guideline or code of practice.
- Under section 39 of the WMPC Act, any contravention of or failure to comply with this licence by the licensee may be an offence.
- In determining whether the licensee has committed an offence, the licensee may be liable for the conduct of its directors, employees or agents.
- The licensee should ensure that each of its directors, employees, contractors or agents are aware of, and comply with, this licence.
- In this licence, unless the contrary intention appears, words that are defined in the WMPC Act are intended to have the meaning given to them in that Act.

# LICENCE CONDITIONS

#### **GENERAL**

- The licensee must ensure the contact details recorded in NT EPA Online for this licence are correct at all times.
- 2 The licensee must at all times have a 24 hour emergency contact.
- The licensee must pay the annual fee calculated in accordance with the method prescribed in the Regulations within 50 business days of the anniversary of the commencement date of this licence, for each year or part of a year that this licence is in force.
- The licensee must cause clear and legible signage, in English, to be displayed in a prominent location at each public entrance to the premises that includes the following details:
  - 4.1 environment protection licence number issued under the WMPC Act; and
  - 4.2 24 hour emergency contact details.
- 5 The licensee must cause a copy of this licence to be available:
  - 5.1 for inspection by any person, in hard copy form, at the premises; and
  - 5.2 on the licensee's website.
- The licensee must provide to the NT EPA, within 10 business days of a request, a copy of any document, monitoring data or other information in relation to the activity, in the format requested by the NT EPA.
- All notices, reports, documents or other correspondence required to be provided as a condition of this licence, unless otherwise specified as a condition of this licence, must be provided in electronic form by uploading the document via NT EPA Online (or by emailing waste@nt.gov.au).
- The NT EPA may require the licensee to revise or amend and resubmit any amended document. Where the NT EPA requires a document to be resubmitted, the licensee must submit it to the NT EPA by the date specified by the NT EPA.
- 9 The licensee must, for the duration of this licence, implement, maintain and follow a Consultation and Communication Plan, which includes a strategy for communicating with persons who are likely to have a real interest in, or be affected by, the activity.
- The licensee must maintain a Complaint Log for all complaints received by the licensee in relation to the activity.
- The licensee must ensure that the Complaint Log includes, for each complaint received by the licensee, the following information:
  - 11.1 the person to whom the complaint was made;
  - 11.2 the person responsible for managing the complaint;
  - 11.3 the date and time the complaint was reported;
  - 11.4 the date and time of the event(s) that led to the complaint;
  - the contact details of the complainant if known, or where no details are provided a note to that effect;

- 11.6 the nature of the complaint;
- 11.7 the nature of event(s) giving rise to the complaint;
- 11.8 prevailing weather conditions at the time (where relevant to the complaint);
- 11.9 the action taken in relation to the complaint, including any follow-up contact with the complainant; and
- 11.10 if no action was taken, why no action was taken.
- The licensee must implement, maintain and follow an Emergency Response Plan that addresses procedures for responding to emergencies associated with the activity that may cause environmental harm.

# **EARLY SURRENDER OF LICENCE**

Any reports, records or other information required or able to be provided by the licensee under this licence must be submitted to the NT EPA prior to the licensee surrendering the licence. If the date on which a report, record or other information is required falls after the date the licensee requests to surrender this licence, the licensee must provide the report, record or information as far as possible using data available to the licensee up to and including the date the request to surrender the licence is made.

# **OPERATIONAL**

- The licensee must not collect, transport, store, recycle, treat or dispose of listed waste other than the listed waste specified in Table 1.
- 15 The licensee must ensure any plant and equipment used by the licensee in conducting the activity:
  - 15.1 is reasonably fit for the purpose and use to which it is put;
  - 15.2 is maintained:
  - 15.3 is operated by a person trained to use the plant and equipment; and
  - 15.4 is operated by, or operated by a person accompanied by, a person trained to handle, store or dispose of listed waste in connection with the activity.
- No change, replacement, or alteration of plant or equipment is permitted if the change, replacement or alteration increases the risk of environmental harm for the licenced activity, unless approved by the NT EPA.

# **DISCHARGES AND EMISSIONS**

# Discharges to water

17 This licence authorises discharge of wastewater to Darwin River from the authorised discharge point as identified in Table 2, and as otherwise allowed in accordance with the conditions of this licence.

**Table 2 Authorised Discharge Point** 

Authorised Discharge Point	Description	Source	Location
AD1	Pond outlet into rip-rap reinforced discharge channel.	Continuous flow of wastewater from supply ponds, culture raceways and hatchery.	Latitude: -12.716360 Longitude: 130.956849

Note: See Attachment 2 Site Plan and Attachment 3 Monitoring Locations (including AD1).

- 18 The licensee must ensure that the discharge from the authorised discharge point consist only of waste from the source(s) as specified in Table 2.
- 19 The licensee must, for the authorised discharge point, install, operate and maintain a device to measure and record:
  - 19.1 the discharge rate of flow; and
  - 19.2 the discharge volume.
- 20 The licensee must, where the Hatchery contributes to the total volume of wastewater discharged at AD1, measure and record, for each discharge event from the Hatchery:
  - 20.1 the time the discharge commenced and the duration of the discharge;
  - 20.2 the discharge rate of flow; and
  - 20.3 the discharge volume.
- 21 Where the NT EPA directs the licensee to cease discharge for an authorised discharge point, the licensee must immediately cease the discharge.
- The licensee must ensure that the discharge from the authorised discharge point does not exceed the trigger values at the compliance point, in accordance with Attachment 1.
- 23 The licensee must ensure that the discharge from the authorised discharge point does not:
  - 23.1 contain any floating debris, oil, grease, petroleum hydrocarbon sheen, scum, litter or other objectionable matter;
  - 23.2 cause or generate odours which would adversely affect the use of surrounding waters;
  - 23.3 cause algal blooms in the receiving water;
  - 23.4 cause visible change in the behaviour of fish or other aquatic organisms in the receiving water;
  - 23.5 cause mortality of fish or other aquatic organisms; or
  - 23.6 cause adverse impacts on plants.

#### MONITORING

- The licensee must conduct surface water and groundwater monitoring in accordance with Attachment 1.
- The licensee must ensure that all monitoring samples and field environmental data are representative of the conditions at the time of sampling.

- The licensee must ensure that all monitoring samples and field environmental data are collected in accordance with recognised Australian Standards and guidelines (such as AS/NZS 5667, ANZECC/ARMCANZ)
- The licensee must ensure that all monitoring samples are analysed at a laboratory with current NATA accreditation or equivalent, for the parameters to be measured.
- 28 The licensee must for all land based monitoring points specified in Attachment 1:
  - 28.1 install and maintain appropriate identification signage so that they are reasonably identifiable at all times; and
  - 28.2 maintain safe access and egress, as is reasonably practicable.
- The licensee must ensure any monitoring samples collected in accordance with Attachment 1 or in connection with the activity or this licence, are obtained by, or under the supervision of a qualified sampler.
- The licensee must ensure that, for each monitoring sample collected in accordance with the Attachment 1 or the activity, the following information is recorded and retained:
  - 30.1 the date on which the sample was collected;
  - 30.2 the time at which the sample was collected;
  - 30.3 the location at which the sample was collected;
  - 30.4 the name of the person who collected the sample;
  - 30.5 the chain of custody forms relating to the sample;
  - 30.6 the field measurements (if any) and analytical results (if any) relating to the sample; and
  - 30.7 laboratory quality assurance and quality control documentation.

#### RECORDING AND REPORTING

- The licensee must retain records relating to waste, including listed waste, as required by the conditions of this licence, for a period of 2 years after the end of the 12 month period to which the record relates.
- The licensee must keep records of all non-compliances with this licence. These records must be adequate to enable the licensee to comply with the non-compliance notification conditions of this licence.
- The licensee must notify the NT EPA of any non-compliance with this licence by completing the Non-Compliance Notification via NT EPA Online (or by emailing waste@nt.gov.au), as soon as practicable after (and in any case within 24 hours after) first becoming aware of the non-compliance.
- 34 The licensee must include in the notification of non-compliance the following information:
  - 34.1 when the non-compliance was detected and by whom;
  - 34.2 the date and time of the non-compliance;
  - 34.3 the actual and potential causes and contributing factors to the non-compliance;
  - 34.4 the risk of environmental harm arising from the non-compliance;
  - 34.5 the action(s) that have or will be undertaken to mitigate any environmental harm arising from the non-compliance;

- 34.6 corrective actions that have or will be undertaken to ensure the non-compliance does not reoccur;
- 34.7 if no action was taken, why no action was taken; and
- 34.8 a date when an incident investigation report will be submitted to the NT EPA.
- A non-compliance with this licence includes:
  - an exceedance of a trigger value specified in Attachment 1, on three consecutive sampling occasions:
  - an exceedance of three times or more a trigger value specified in Attachment 1, on a single sampling occasion;
- The licensee must keep electronic records of all water quality monitoring results for both laboratory analysis and field parameters, as specified in Attachment 1.
- The licensee must keep records of all exceedances of trigger values specified in Attachment 1. These records must include the following information:
  - 37.1 when the exceedance was detected and by whom;
  - 37.2 the date and time of the exceedance;
  - 37.3 the actual and potential causes and contributing factors to the exceedance;
  - 37.4 the risk of environmental harm arising from the exceedance assessed in accordance with Attachment 1;
  - 37.5 the action(s) that have or will be undertaken to address the exceedance and/or environmental harm; and
  - 37.6 if no action was taken, why no action was taken.
- The licensee must as soon as practicable (and in any case within 24 hours) after becoming aware, notify the NT EPA of any potential or actual environmental harm or pollution.
- 39 The licensee must comply with the requirements of section 14 of the WMPC Act.
- The licensee must submit a completed Annual Return via NT EPA Online within 10 business days after each anniversary date of this licence, which relates to the preceding 12 month period.
- The licensee must complete and provide to the NT EPA a Monitoring Report, as prescribed by this licence, within 10 business days after each anniversary date of this licence.
- The licensee must ensure that each Monitoring Report:
  - 42.1 is prepared in accordance with the requirements of the NT EPA 'Guideline for Reporting on Environmental Monitoring';
  - 42.2 includes a tabulation of all monitoring data required as a condition of this licence, provided both as an attachment to the Monitoring Report and electronically in Microsoft Excel format;
  - 42.3 includes an analysis of the monitoring data to demonstrate any influence on water quality associated with the activity;
  - 42.4 includes a long term trend analysis of monitoring data to demonstrate environmental impact associated with the activity, once the data set is available for a minimum period of three years;
  - 42.5 includes an assessment of environmental impact from the activity; and

- 42.6 includes a review of the water quality monitoring program and provides recommendations on monitoring frequency, parameters and site specific trigger values (SSTVs).
- The NT EPA may require the licensee to revise or amend and resubmit any Monitoring Report. Where the NT EPA requires the Monitoring Report to be resubmitted, the licensee must submit it to the NT EPA by the date specified by the NT EPA.

#### PERFORMANCE IMPROVEMENT

- The licensee must provide to the NT EPA, within 12 months of the commencement date of this licence, an updated Consultation and Communication Plan, which addresses the requirements of condition 9.
- The licensee must provide to the NT EPA, within 12 months of the commencement date of this licence, an updated Emergency Response Plan that outlines mitigation and preventative measures specific to real environmental threats and emergencies in the area, relating to the licenced activity. The licensee must ensure that the emergency response plan is drafted by or in consultation with a qualified professional and addresses requirements of condition 12.
- The licensee must provide to the NT EPA, within 12 months of the commencement date of this licence, an updated Environmental Management Plan. The licensee must ensure that the Environmental Management Plan:
  - 46.1 is drafted by or in consultation with a qualified professional or consultant;
  - 46.2 is drafted in accordance with requirements the NT EPA Guideline 'Preparation of an Environmental Management Plan'; and
  - 46.3 provides information on how potential risks from nutrient enrichment in the receiving environment associated with the licenced activity will be minimised.

# **END OF LICENCE CONDITIONS**

This licence is not valid unless signed below:

Leonie Cooper

Director Environment Authorisations Delegate of the Northern Territory Environment Protection Authority

Dated: 12/09/2019

# **DEFINITIONS**

All terms in the Licence which are defined in the *Waste Management and Pollution Control Act* have the meaning given in that Act unless otherwise or further defined in this section.

DEFINITION In this licence, unless a contrary intention appears:

24 hour emergency

contact

the phone number of a person who can be contacted at any time and be capable of responding to and providing information about any incident associated with the

activity.

Activity the Scheduled activity as described on the covering page of this licence.

Annual fee yearly fee payable in respect of the activity as specified in the WMPC Act and the

Regulations.

Annual Return an NT EPA prescribed format for demonstrating and reporting compliance with the

conditions of this licence and providing information on waste volumes for the

preceding 12 month period.

ANZECC/ARMCANZ Australian and New Zealand Environment and Conservation Council and Agriculture

and Resource Management Council of Australia and New Zealand, 2000: National Water Quality Management Strategy: Australian Guidelines for Water Quality

Monitoring and Reporting.

Business days a day not Saturday, Sunday or a public holiday, in the Northern Territory.

Complaint Log a register of complaints to be maintained by the Licensee that records the details of

each complaint received in relation to the activity.

Consultation and Communication Plan

a written plan documenting proposed consultation and communications for the activity before, during and after the activity which includes a strategy for

communicating with members of the public who are likely to have a real interest in,

or be affected by, the activity.

Contact details includes the 24 hour emergency contact, and name, position title and phone number

of a representative of the licensee who can be contacted about the licence and

activity.

Contaminant a solid, liquid or gas or any combination of such substances and includes:

(a) noise, odour, heat and electromagnetic radiation;

(b) a prescribed substance or prescribed class of substances; and

(c) a substance having a prescribed property or prescribed class of properties.

Discharge allow a liquid, gas or other substance to flow out from where it has been confined.

**Emergency Response** 

Plan

a written plan documenting the licensee's procedures for responding to

emergencies caused by, resulting from or associated with the activity and that may

cause environmental harm.

Environmental harm (a) any harm to or adverse effect on the environment; or

(b) any potential harm (including the risk of harm and future harm) to or potential adverse effect on the environment, of any degree or duration and includes

environmental nuisance.

Environmental nuisance means:

(a) an adverse effect on the amenity of an area that:

(i) is caused by noise, smoke, dust, fumes or odour; and

(ii) unreasonably interferes with or is likely to unreasonably interfere with the enjoyment of the area by persons who occupy a place within the area or are otherwise lawfully in the area; or

(b) an unsightly or offensive condition caused by contaminants or waste.

Incident includes:

(a) an accident, emergency or malfunction; and

(b) a deliberate action, whether or not that action was taken by the person conducting the activity in the course of which the incident occurred.

Land includes water and air on, above or under land.

Listed waste a waste included under Schedule 2 of the Regulations.

Maintain kept in a manner that it does not present or cause a risk of environmental harm or a hazard to persons or property or, for the purposes of documents including plans, a process of reviewing and amending documentation to ensure it is relevant.

Material environmental

harm

environmental harm that:

(a) is not trivial or negligible in nature;

(b) consists of an environmental nuisance of a high impact or on a wide scale;(c) results, or is likely to result, in not more than \$50,000 or the prescribed amount (whichever is greater) being spent in taking appropriate action to prevent or minimise the environmental harm or rehabilitate the environment; or

(d) results in actual or potential loss or damage to the value of not more than

\$50,000 or the prescribed amount (whichever is greater).

NATA National Association of Testing Authorities, Australia.

Non-compliance failure or refusal to comply, whether by act or omission, with obligations or

requirements and includes any exceedance of a licence limit.

Non-compliance notification

an NT EPA prescribed format for notifying the NT EPA of a non-compliance.

NT EPA Online online system for Environment Protection Licence (EPL), Environment Protection

Approval (EPA) and Waste Discharge Licence (WDL) lodgement and maintenance.

Plant and equipment all material items used in association with the activity, including (but not limited to)

storage vessels and containers, pipe work and hosing, vehicles (including vessels),

tools, and measuring equipment.

Point source discharge means any discernible, confined or discrete conveyance from which contaminants

or waste are or may be discharged.

Pollute (a) emit, discharge, deposit, or disturb, directly or indirectly, a contaminant or waste;

or

(b) cause, permit, or fail to prevent, directly or indirectly, the emission, discharge,

deposition, disturbance or escape of a contaminant or waste.

Pollution (a) a contaminant or waste that is emitted, discharged, deposited or disturbed or

that escapes; or

(b) a contaminant or waste, effect or phenomenon, that is present in the

environment as a consequence of an emission, discharge, deposition, escape or

disturbance or a contaminant or waste.

Premises the premises identified in this licence which includes equipment, plant and

structures, whether stationary or portable, and the land on which premises are

situated.

Public entrance access to the premises that is utilised by the public.

Qualified professional a person who has professional qualifications, training and skills and experience

relevant to the nominated subject matters and can give authoritative assessment, advice and analysis about performance relevant to the subject matters using

relevant protocols, standards, methods and literature.

Qualified sampler a person who has training and experience in obtaining samples from the relevant

environmental medium.

Regulations Waste Management and Pollution Control (Administration) Regulations.

Serious environmental

harm

environmental harm that is more serious than material environmental harm and includes environmental harm that:

(a) is irreversible or otherwise of a high impact or on a wide scale;

(b) damages an aspect of the environment that is of a high conservation value, high

cultural value or high community value or is of special significance;

(c) results or is likely to result in more than \$50,000 or the prescribed amount (whichever is greater) being spent in taking appropriate action to prevent or minimise the environmental harm or rehabilitate the environment; or

(d) results in actual or potential loss or damage to the value of more than \$50,000 or

the prescribed amount (whichever is greater).

Stormwater water flowing over ground surfaces, in natural streams and drains as a direct result

of rainfall over a catchment and consists primarily of rainfall runoff.

Trigger values assigned value for each indicator used to assess the risk to an environmental value,

a value that initiates some type of pre-defined management action.

Waste (a) a solid, a liquid or a gas; or

(b) a mixture of such substances,

that is or are left over, surplus or an unwanted by-product from any activity (whether or not the substance is of value) and includes a prescribed substance or class of

substances.

Waste transport certificate the NT EPA waste tracking documentation used to track listed waste being

transported interstate as required in accordance with the National Environment Protection (Movement of Controlled Waste Between States and Territories)

Measure.

Wastewater water that contains a contaminant or waste.

Water includes:

(a) surface water, ground water and tidal waters;

(b) coastal waters of the Territory, within the meaning of the Coastal Waters

(Northern Territory Powers) Act 1980 of the Commonwealth; and

(c) water containing an impurity.

WMPC Act the Northern Territory Waste Management and Pollution Control Act.