

**APPLICATION FOR VARIATION OF AN AQUACULTURE  
LICENCE**

**by**

**Abrolhos Aquaculture Australia Pty Ltd**

**Abrolhos Islands WA**

**November 2021**

**DEPARTMENT OF PRIMARY INDUSTRIES AND  
REGIONAL DEVELOPMENT (DPIRD)  
APPLICATION FOR VARIATION OF AN AQUACULTURE LICENCE  
ABROLHOS AQUACULTURE AUSTRALIA PTY LTD  
ABROLHOS ISLANDS WA**

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| <b>File Ref</b>                      | L2532/13-02  |
| <b>Date of Application</b>           | August 2021  |
| <b>General Location</b>              | Rat Island, Easter Group, Abrolhos Islands, WA   |
| <b>Species</b>                       | Sea Cucumbers ( <i>Actinopyga</i> spp),<br>Akoya Pearl Oyster ( <i>Pinctada fucata</i> ),<br>Saucer Scallop ( <i>Amusium balloti</i> )<br>Bat Wing Pearl Oyster ( <i>Pteria penguin</i> )<br>Black Lip Pearl Oyster ( <i>Pinctada margaritifera</i> )<br>Crinkly Scallop ( <i>Chlamys australis</i> )<br>Beche-de-mer ( <i>Holothuriidae</i> spp)<br>Hymedesmiidae (Order <i>Poecilosclerida</i> )<br>Iridiidae ( Order <i>Dictyoceratida</i> ),<br>Latrunculiidae(Order <i>Poecilosclerida</i> )<br>Mycalidae ( Order <i>Poecilosclerida</i> )<br>Western rock oyster ( <i>Saccostrea</i> spp,)<br>Spongiidae (Order <i>Dictyoceratida</i> )<br>Clams ( <i>Tapes dorsatus</i> )<br>Clams ( <i>Tapes literatus</i> )<br>Thorectidae (Order <i>Dictyoceratida</i> )<br>Sea Urchins ( <i>Toxopneustidae</i> )<br>Clams ( <i>Tridacna maxima</i> )<br>Clams ( <i>Tridacna squamosal</i> ),<br>Sea Urchins ( <i>Tripneustes gratilla</i> )<br>Sea Urchins ( <i>Tripneustes</i> spp.) |
| <b>Culture Method</b>                | Collectors and ropes on longlines<br>Grow-out- longlines   |
| <b>Other Sites (within 5 n mile)</b> | Huon Aquaculture Company Pty Ltd<br>Nathan Boothman<br>Radar Holdings Pty Ltd<br>Little Rat Coral Farm Pty Ltd<br>Grange Court Pty Ltd<br>Rat Island Coral Aquaculture Pty Ltd<br>Wtn Nominees Pty Ltd & Pelsaert (WA) Pty Ltd<br>Cappoquin Fisheries Pty Ltd  |
| <b>Proposed Variation</b>            | Addition of seaweed species.   |

**Further Information**

Contact Druimé Nolan at DPIRD Aquaculture  
Branch on (08) 6319 3659 or  
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# Information provided by the applicant relevant to applications for grant or variation of an aquaculture licence and lease

*Abrolhos Aquaculture Australia Pty Ltd*

August 2021

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## Introduction

This document outlines information for consideration by agencies, stakeholders and community and industry groups regarding an application submitted by Abrolhos Aquaculture Australia Pty Ltd (AAA) for variation of its aquaculture licence IDCA 1574 (Licence).

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## Background

On 17 August 2021, AAA made an application to the Department of Primary Industries and Regional Development (Department) to vary its licence, which authorises the aquaculture of various species of oysters, scallops, clams, sea cucumbers, sponges and sea urchins at an offshore site near the Easter Group at the Abrolhos Islands.

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## Proposed Variation

Under the variation application, AAA proposes to add to its Licence various species of algae for aquaculture purposes.

The proposed species are:

Asparagopsis spp., Gracilaria spp., Gelidium spp., Laurencia spp.  
Meristotheca spp., Solieria spp., Porphyra spp., Portieria spp.  
Pterocladia spp., Pyropia spp.  
Cladosiphon spp., Sargassum spp., Ecklonia spp.  
Caulerpa spp., Enteromorpha spp., Halimeda spp., Ulva spp.

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## Source of Stock and Methods

New licence conditions will be imposed to authorise the collection of seedstock of proposed species. The cuttings/juveniles will then be attached to a suitable grow-out system within the proposed lease site. No supplementary feeding is required therefore there will no increase in nutrient levels in adjoining surface waters arising from the introduction of manufactured feeds.

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## Management and Environmental Monitoring

AAA has amended its Management and Environmental Monitoring Plan (MEMP), which was approved in 2018, to accommodate the additional culture of new species as listed above. The MEMP already includes biosecurity and quarantine protocols and the risk of disease being introduced to the area is considered low.

Screening of wastewater and management of wastes was dealt with in the approved MEMP.

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## **Risks**

The proposed aquaculture activity poses no significant environmental issues, with identified risks accommodated by AAA's MEMP.

The proposed species of seaweed occur naturally in the surrounding environment, therefore the risk of the introduction of disease is low. All larvae, juveniles or spat produced for grow-out will be the progeny of local Broodstock and will be transferred to Aquaculture Licence Site 1574 near Rat Island, or other approved transfer sites as per licence conditions.