APPLICATION FOR THE VARIATION OF AN AQUACULTURE LICENCE

by

Central Regional TAFE
Geraldton

October 2019

DEPARTMENT OF PRIMARY INDUSTRIES AND REGIONAL DEVELOPMENT (DPIRD)

APPLICATIONS FOR THE VARIATION OF AN AQUACULTURE LICENCE

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File Ref	L1874/13-02
Date of Application	29 August 2019
General Location	Batavia Coast Maritime Institute, Geraldton
Species	Marine ornamental species
Culture Method	Hatchery
Further Information	Contact Clara Alvarez at DPIRD Aquaculture Branch on (08) 6551 4346 or clara.alvarez@dpird.wa.gov.au.

Information provided by the applicant relevant to an application for variation of an aquaculture licence

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Introduction

This document outlines the information for consideration by agencies, stakeholders and community and industry groups regarding a proposal submitted by Central Regional TAFE (CRT) for the variation of its Aquaculture Licence No. 1625 (the Licence), which authorises the culture of aquatic species at CRT's Batavia Coast Maritime Institute facility in Geraldton.

CRT has made an application to the Department of Primary Industries and Regional Development to vary its Licence

Proposal

CRT has been producing marine ornamental species for the last eight years for training, research and commercial purposes and is seeking to vary its Licence by adding the following marine ornamental species.

Common name	**Species name**
Anthias	*Pseudanthias engelhardi*
	Pseudanthias hutomoi
Assessors	*Assessor flavissimus*
	Assessor macneilli
Basslets	*Raiinfordia opercularis*
Blennies	*Meiacanthus atrodorsalis*
	Meiacanthus lineatus
	Meiacanthus grammistes
Damsels	*Amblyglyphidodon aureus*
	Chrysiptera starcki
Dottybacks	*Manonichthys splendens*
	Manonichthys paranox
	Lubbockichthys multisquamatus
	Cypho purpurascens
	Pictichromis paccagnella
	Ogilbyina queenslandiae
	Ogilbyina novaehollandiae
Dragonets	*Synchiropus morrisoni*
Gobies	*Nemateleotris decora*
	Nemateleotris magnifica
	Nemateleotris helfrichi
Grammidae	*Gramma dejongi*
Pipefish	*Haliichthys taeniophorus*
Pomacanthidae	*Centropyge eibli*
	Centropyge colini
	Centropyge acanthops
	Centropyge fisheri
	Centropyge argi
	Centropyge vroliki
	Centropyge heraldi

	Centropyge aurantia
	Centropyge favicaudia
	Centropyge potteri
	Centropyge interrupta
	Centropyge flavissima
	Centropyge shepardi
	Centropyge multicolor
	Centropyge resplendens
	Paracentropyge multifasciatus
Rabbitfish	*Siganus vulpinus*
Echinoderms	*Heliocidaris* spp.
	Centrostephanus spp.

Diagram

Figure 1:
Recirculating system at the CRT facility

Source of Stock and Methods

CRT proposes to source broodstock from licensed marine aquarium collectors, licenced importers, other aquaculture licence holders and, or, from the wild via an exemption.

CRT proposes to use the same hatchery rearing methods as those used for the existing marine ornamental species authorised under the Licence. All marine ornamental species are held in recirculating tanks. All new individuals go through a rigorous quarantine process before they are incorporated to the current stock.

Management and Environmental Monitoring

CRT has submitted an updated Management and Environmental Monitoring Plan (MEMP), which includes biosecurity controls and incident and emergency responses in the event of a disease outbreak.

CRT uses seawater from an intake pipeline. Incoming seawater is stored in various tanks prior to use and a number of parameters such as dissolved oxygen are monitored on a daily basis.

All wastewater in the facility is treated and filtered prior to being released. Following these procedures, wastewater is injected in a bore 40-metre-deep and located 200 metres from the high tide mark.