

Template

Proposal Content Document

Table 1: General proposal content description

Proposal title	Ocean Barramundi Expansion Project
Proponent name	Tassal Operations Pty Ltd
Short description	Tassal (formerly Marine Produce Australia) propose to expand its barramundi farm operations to seven sites spread across the Buccaneer Archipelago, in the Kimberley region.

Table 2: Proposal content elements

Proposal element	Location / description	Maximum extent, capacity or range
Physical elements		
Sea-pen Infrastructure Development Envelope: 7 separate sites each consisting of either 84 12 x 120 m pens (12 per site), or 140 x 80 m pens (20 per site), all managed under a single aquaculture lease provided by DPIRD	Figure 1, 2	Direct disturbance of 0.12 ha within the Sea-Pen Development Envelope due to placement of anchors. Development envelope (total extent of proposed sites) within which temporary disturbance of benthic environment via indirect effects is expected – 817 ha
Operational elements		
Sea-pen fish production	Figure 1, 2	Maximum standing biomasses of ~4,500 tonnes per site (consisting of 7 separate sites under a single aquaculture lease). Expected maximum total annual production/standing biomass of 17,500 tonnes across all 7 sites once they are fully operational (leases will not all be stocked at maximum standing biomass at any one time).
Proposal elements with greenhouse gas emissions		
Construction elements:		
Construction vessel usage – 53 tCO ₂ -e total	Scope 1	

None	Scope 2	
None	Scope 3	
Operation elements:		
Operational vessel usage per farm – 859 tCO2-e annual total and 6,012 tCOe across 7 farms	Scope 1	
None	Scope 2	
None	Scope 3	
Rehabilitation		
NA		
Commissioning		
NA		
Decommissioning		
Removal and dismantling of all sea-cages, anchorages and vessels if aquaculture operations are discontinued. Decommissioning of aquaculture sites, if not undertaken by the lease holder, is completed by DPIRD, with any costs incurred recouped through legal means if necessary (pursuant to the relevant provisions of the Fisheries Resources Management Act (FRMA) and the Fish Resources Management Regulations 1995 (FRMR)).		
Other elements which affect extent of effects on the environment		
Proposal time*	Maximum project life	>42 years (each site is continued if the proponent complies with the licence and lease conditions)
	Construction phase	Total 10-year construction timeline (intermittently over that period as each site comes online – actual pens once constructed offsite only take two-three days to install onsite).
	Operations phase	>42 years (each site is continued if the proponent complies with the licence and lease conditions)
	Decommissioning phase	~6 months if operations are discontinued

* Proponents should only provide realistic timeframes to avoid unnecessary change to proposal applications at referral (section 38C), assessment (section 43A) or post assessment (section 45C).

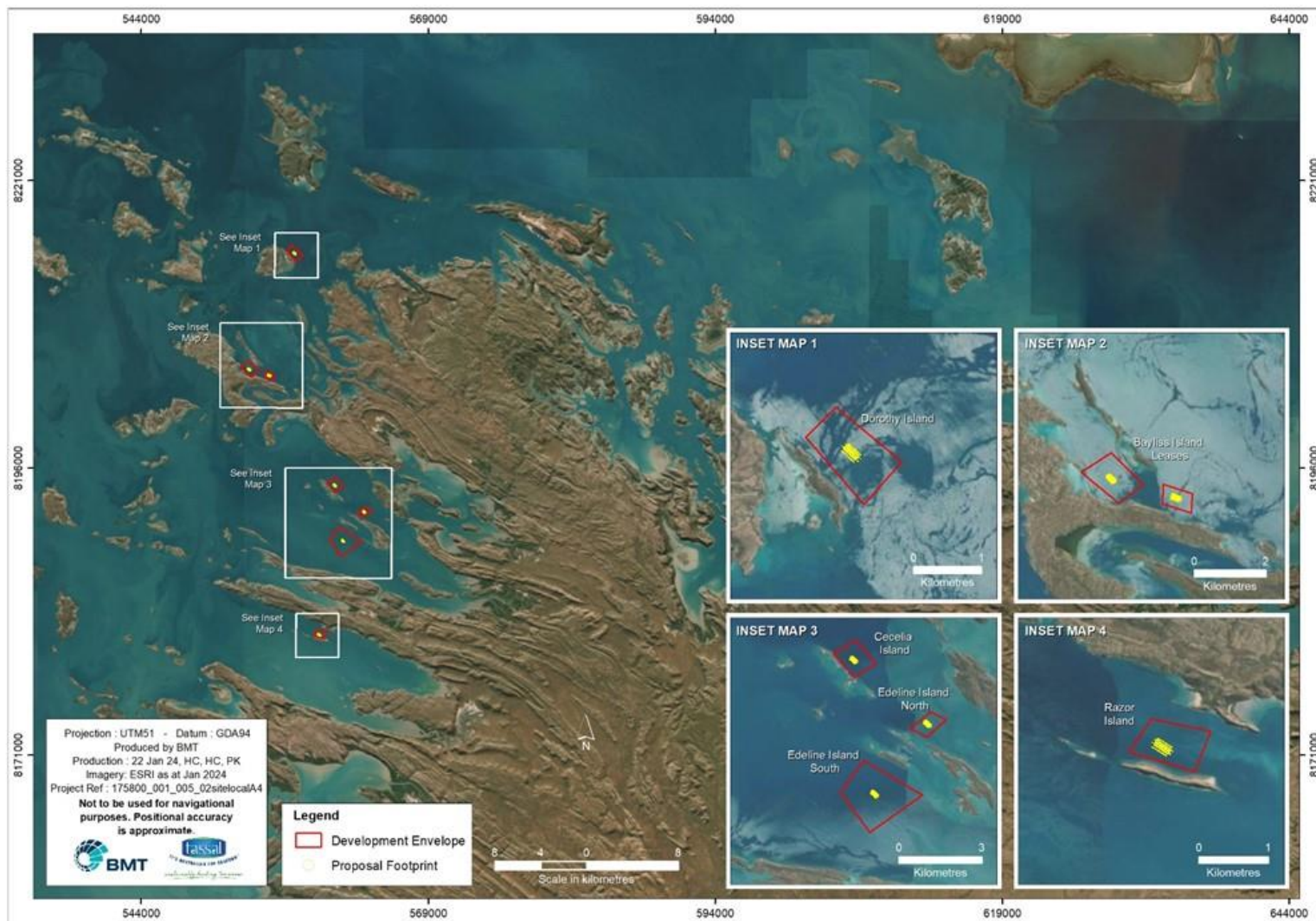


Figure 1 Proposed development envelope/footprint of the 7 sites under one aquaculture lease

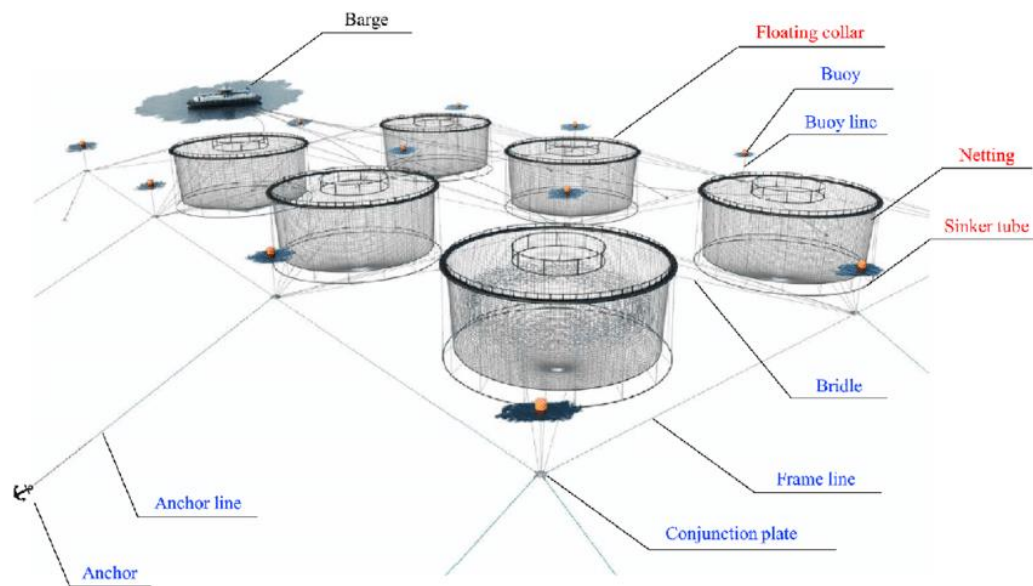


Figure 2 Indicative sea-pen configuration and anchoring