

Far North West

MARINE FARMING DEVELOPMENT PLAN 1999

Far North West Marine Farming Development Plan 1999 has been prepared to incorporate the approved Standardised Marine Farming Management Controls 2023, while also consolidating any previous amendment(s) into this Plan.

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Author: Marine Resources
Publisher: The Department of Natural Resources and Environment Tasmania
ISBN: 978-1-74380-243-4 (pdf)
Date: Revised December 2025

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The Crown in right of the State of Tasmania gives no warranty, either express or implied, that the marine farming zones identified in the Marine Farming Development Plan are suitable for marine farming activities.

Persons considering marine farming within a zone contained within this Marine Farming Development Plan are solely responsible for establishing the suitability or otherwise of the zone for that purpose.

CAUTION: The maps shown throughout this document are not to be used for navigation. For navigation purposes, appropriate hydrographic charts should be used.

In this Plan 'high water mark' means a line between State waters, as defined under Section 5 of the *Living Marine Resources Management Act 1995*, and adjacent land, landward of that line.

For the purposes of this Plan the Secretary means the Secretary of the Department of Natural Resources and Environment Tasmania (NRE Tas) or an employee of NRE Tas acting as the delegate of the Secretary.



Marine Farming Development Plan

I Marine Farming Development Plan area

The area covered by the Far North West Marine Farming Development Plan 1999 (Plan) is all that area of state waters bounded by the high water mark (HWM) to the west by a line from Shoal Inlet to the northern point of Kangaroo Island to a point on Robbins Island (320387E, 5490575N) and to the east by a line from Cape Ellie (on Robbins Island) to Kingston Point (Perkins Island) then to Pelican Point.

The Plan area is shown in Figure I.





Figure 1 - Far North West Marine Farming Development Plan Area

0 5 10 15 Km N GDA 2020

Department of Natural Resources & Environment Tasmania Tasmanian Government

Legend

□ Marine Farming Development Plan Area



2 Marine farming zones

The following table summarises the zones identified in the Far North West Marine Farming Development Plan 1999.

Table 1. List of marine farming zones.

Zone	Location	Category of fish	Zone area (ha)	Maximum leasable area (ha)
1A	Duck Bay	Shellfish and seaweed	102.3	62.00
1B	Duck Bay	Shellfish and seaweed	11.69	10.50
2	Kemp Bay	Shellfish and seaweed	25.09	15.00
3	Big Bay	Shellfish and seaweed	517.90	100.00
7	Robbins Passage	Shellfish and seaweed	40.73	30.00
8	Montagu	Shellfish and seaweed	123.00	57.00
9	Robbins Passage	Shellfish and seaweed	42.48	25.00
11	South-East Montagu Island	Shellfish and seaweed	27.46	2.00
12	Welcome Inlet	Shellfish	19.04	4.58
Total			909.69	306.08

The following information describes the marine farming zones identified by the Far North West Marine Farming Development Plan 1999.

Figure 2 shows the marine farming zones in the context of the Far North West Marine Farming Development Plan 1999. Figures 3.1, 3.2, 4 and 5 show the locations of the zones at a smaller scale. All points are described by eastings and northings and by latitude and longitude using Geocentric Datum of Australia (GDA) 2020.





2.1 Zone 1A (Duck Bay)

Location

Zone 1A is located in Duck Bay (Figure 3.1).

Zone 1A consists of all that area bounded by a line being from points defined by GDA 2020 co-ordinates shown in Table 2.

Table 2. Zone 1A co-ordinates.

ID	Easting	Northing	Latitude	Longitude	
1	338244.46	5481892.15	40° 47.8829' S	145° 4.9534' E	thence to
2	338334.08	5482035.95	40° 47.8063' S	145° 5.0194' E	thence to
3	339694.78	5482115.00	40° 47.7796' S	145° 5.9879' E	thence to
4	339699.57	5482023.15	40° 47.8293' S	145° 5.9898' E	thence to
5	339527.71	5481907.02	40° 47.8900' S	145° 5.8659' E	thence to
6	339265.10	5481744.47	40° 47.9747' S	145° 5.6767' E	thence to
7	338680.98	5481622.59	40° 48.0337' S	145° 5.2596' E	thence to
8	338675.37	5481485.29	40° 48.1078' S	145° 5.2534' E	thence to
9	338031.82	5481388.59	40° 48.1525' S	145° 4.7944' E	thence to
10	337429.39	5481732.99	40° 47.9593' S	145° 4.3716' E	thence to
11	337504.45	5481912.03	40° 47.8634' S	145° 4.4277' E	thence to
12	337237.00	5482048.97	40° 47.7863' S	145° 4.2397' E	thence to
13	337346.97	5482221.56	40° 47.6944' S	145° 4.3206' E	thence to
1	338244.46	5481892.15	40° 47.8829' S	145° 4.9534' E	

GDA 2020

Zone area

The area of zone 1A is approximately 102.3 hectares.

Maximum leasable area

The maximum leasable area within zone 1A is 62.00 hectares.

Category of fish

The category of fish allowed for culture within zone 1A, subject to the provisions of a marine farming licence, is shellfish and seaweed.



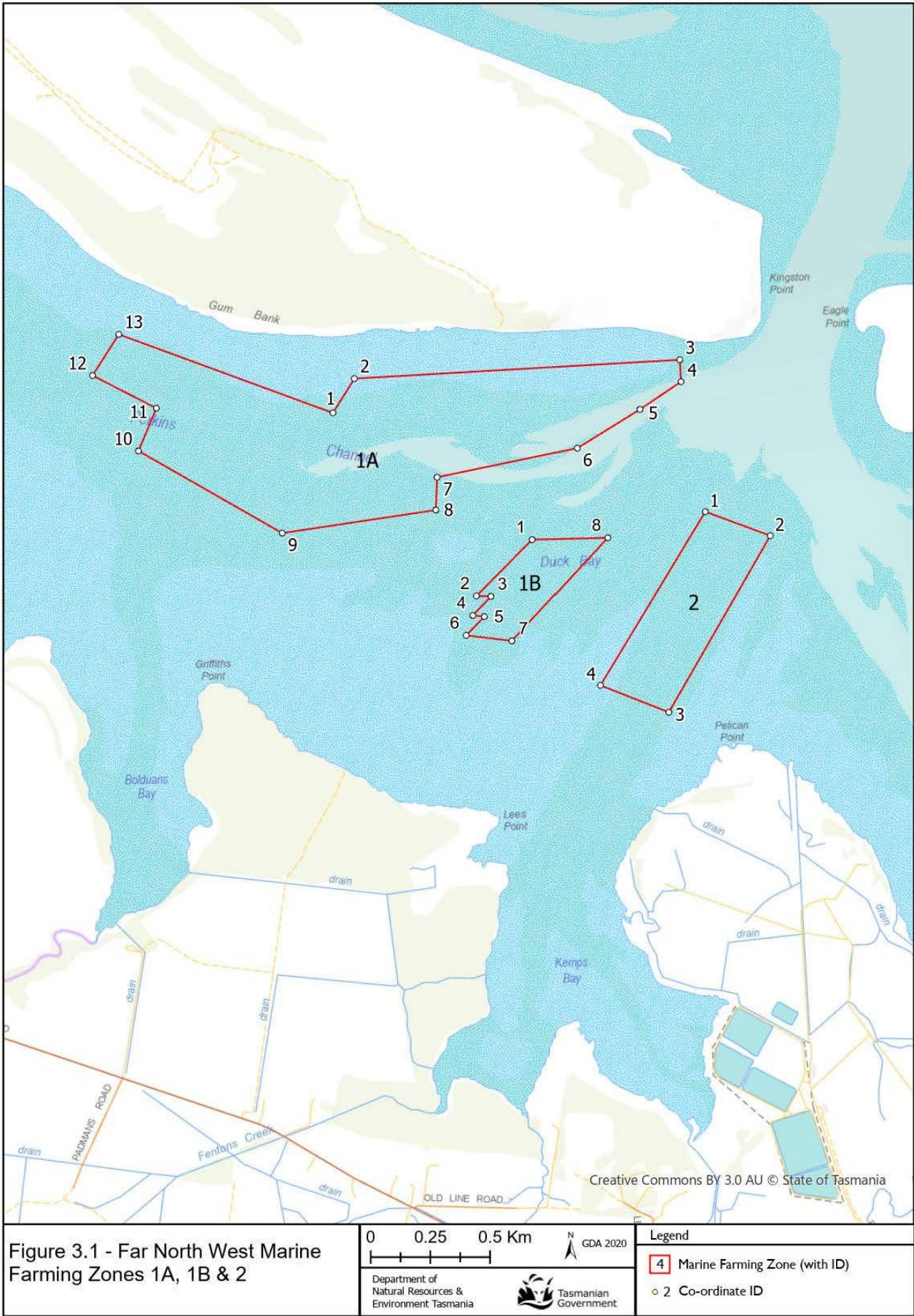
Management controls

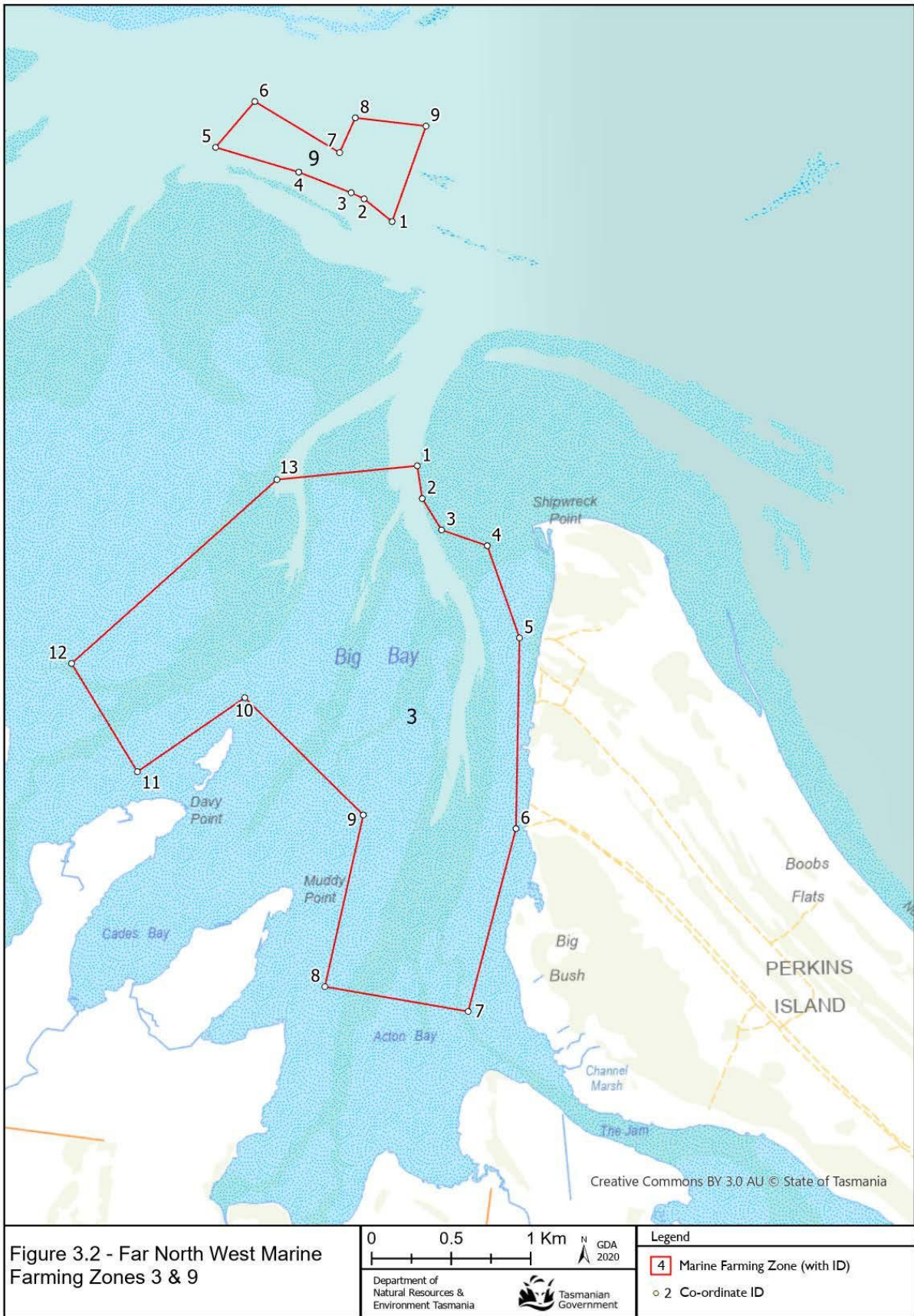
The management controls for zone IA are prescribed in Section 3 of this Plan.

Special Management controls

The special management controls for zone IA are prescribed in Section 3.15 of this Plan.







2.1 Zone IB (Duck Bay)

Location

Zone IB is located in Duck Bay (Figure 3.1).

Zone IB consists of all that area bounded by a line being from points defined by GDA 2020 co-ordinates shown in Table 3.

Table 3. Zone IB co-ordinates.

ID	Easting	Northing	Latitude	Longitude	
1	339079.12	5481361.17	40° 48.1796' S	145° 05.5385' E	thence to
2	338845.51	5481125.38	40° 48.3042' S	145° 05.3688' E	thence to
3	338906.60	5481123.57	40° 48.3059' S	145° 05.4122' E	thence to
4	338830.83	5481043.55	40° 48.3483' S	145° 05.3571' E	thence to
5	338878.91	5481038.79	40° 48.3514' S	145° 05.3912' E	thence to
6	338802.78	5480960.13	40° 48.3930' S	145° 05.3359' E	thence to
7	338994.17	5480936.88	40° 48.4078' S	145° 05.4716' E	thence to
8	339393.05	5481368.99	40° 48.1791' S	145° 05.7618' E	thence to
1	339079.12	5481361.17	40° 48.1796' S	145° 05.5385' E	

GDA 2020

Zone area

The area of zone IB is approximately 11.69 hectares.

Maximum leasable area

The maximum leasable area within zone IB is 10.5 hectares.

Category of fish

The category of fish allowed for culture within zone IB, subject to the provisions of a marine farming licence, is shellfish and seaweed.

Management controls

The management controls for zone IB are prescribed in Section 3 of this Plan.



2.2 Zone 2 (Kemp Bay)

Location

Zone 2 is located in Kemp Bay (Figure 3.1).

Zone 2 consists of all that area bounded by a line being from points defined by GDA 2020 co-ordinates shown in Table 4.

Table 4. Zone 2 co-ordinates.

ID	Easting	Northing	Latitude	Longitude	
1	339801.42	5481478.14	40° 48.1249' S	145° 6.0538' E	thence to
2	340073.77	5481377.87	40° 48.1823' S	145° 6.2459' E	thence to
3	339648.73	5480637.79	40° 48.5771' S	145° 5.9323' E	thence to
4	339362.10	5480750.53	40° 48.5128' S	145° 5.7303' E	thence to
1	339801.42	5481478.14	40° 48.1249' S	145° 6.0538' E	

GDA 2020

Zone area

The area of zone 2 is approximately 25.09 hectares.

Maximum leasable area

The maximum leasable area within zone 2 is 15.00 hectares.

Category of fish

The category of fish allowed for culture within zone 2, subject to the provisions of a marine farming licence, is shellfish and seaweed.

Management controls

The management controls for zone 2 are prescribed in Section 3 of this Plan.



2.3 Zone 3 (Big Bay)

Location

Zone 3 is located in Big Bay (Figure 3.2).

Zone 3 consists of all that area bounded by a line being from points defined by GDA 2020 co-ordinates shown in Table 5.

Table 5. Zone 3 co-ordinates.

ID	Easting	Northing	Latitude	Longitude	
1	334048.57	5487495.16	40° 44.8060' S	145° 2.0601' E	thence to
2	334079.68	5487288.91	40° 44.9178' S	145° 2.0789' E	thence to
3	334201.46	5487091.57	40° 45.0259' S	145° 2.1623' E	thence to
4	334488.98	5486992.63	40° 45.0828' S	145° 2.3649' E	thence to
5	334691.25	5486413.35	40° 45.3982' S	145° 2.4994' E	thence to
6	334669.21	5485213.89	40° 46.0458' S	145° 2.4647' E	thence to
7	334368.79	5484064.30	40° 46.6632' S	145° 2.2330' E	thence to
8	333467.86	5484220.29	40° 46.5680' S	145° 1.5953' E	thence to
9	333709.41	5485299.72	40° 45.9879' S	145° 1.7842' E	thence to
10	332964.57	5486037.51	40° 45.5803' S	145° 1.2668' E	thence to
11	332289.34	5485572.00	40° 45.8235' S	145° 0.7796' E	thence to
12	331875.73	5486252.25	40° 45.4509' S	145° 0.4967' E	thence to
13	333166.64	5487408.41	40° 44.8422' S	145° 1.4323' E	thence to
1	334048.57	5487495.16	40° 44.8060' S	145° 2.0601' E	

GDA 2020

Zone area

The area of zone 3 is approximately 517.90 hectares.

Maximum leasable area

The maximum leasable area within zone 3 is 100.00 hectares.

Category of fish

The category of fish allowed for culture within zone 3, subject to the provisions of a marine farming licence, is shellfish and seaweed.



Management controls

The management controls for zone 3 are prescribed in Section 3 of this Plan.



2.4 Zone 7 (Robbins Passage)

Location

Zone 7 is located in Robbins Passage (Figure 4).

Zone 7 consists of all that area bounded by a line being from points defined by GDA 2020 co-ordinates shown in Table 6.

Table 6. Zone 7 co-ordinates.

ID	Easting	Northing	Latitude	Longitude	
1	327576.01	5489937.74	40° 43.4067' S	144° 57.5032' E	thence to
2	327902.39	5489750.47	40° 43.5112' S	144° 57.7318' E	thence to
3	327153.83	5488904.15	40° 43.9597' S	144° 57.1863' E	thence to
4	326833.51	5489065.60	40° 43.8685' S	144° 56.9615' E	thence to
1	327576.01	5489937.74	40° 43.4067' S	144° 57.5032' E	

GDA 2020

Zone area

The area of zone 7 is approximately 40.73 hectares.

Maximum leasable area

The maximum leasable area within zone 7 is 30.00 hectares.

Category of fish

The category of fish allowed for culture within zone 7, subject to the provisions of a marine farming licence, is shellfish and seaweed.

Management controls

The management controls for zone 7 are prescribed in Section 3 of this Plan.



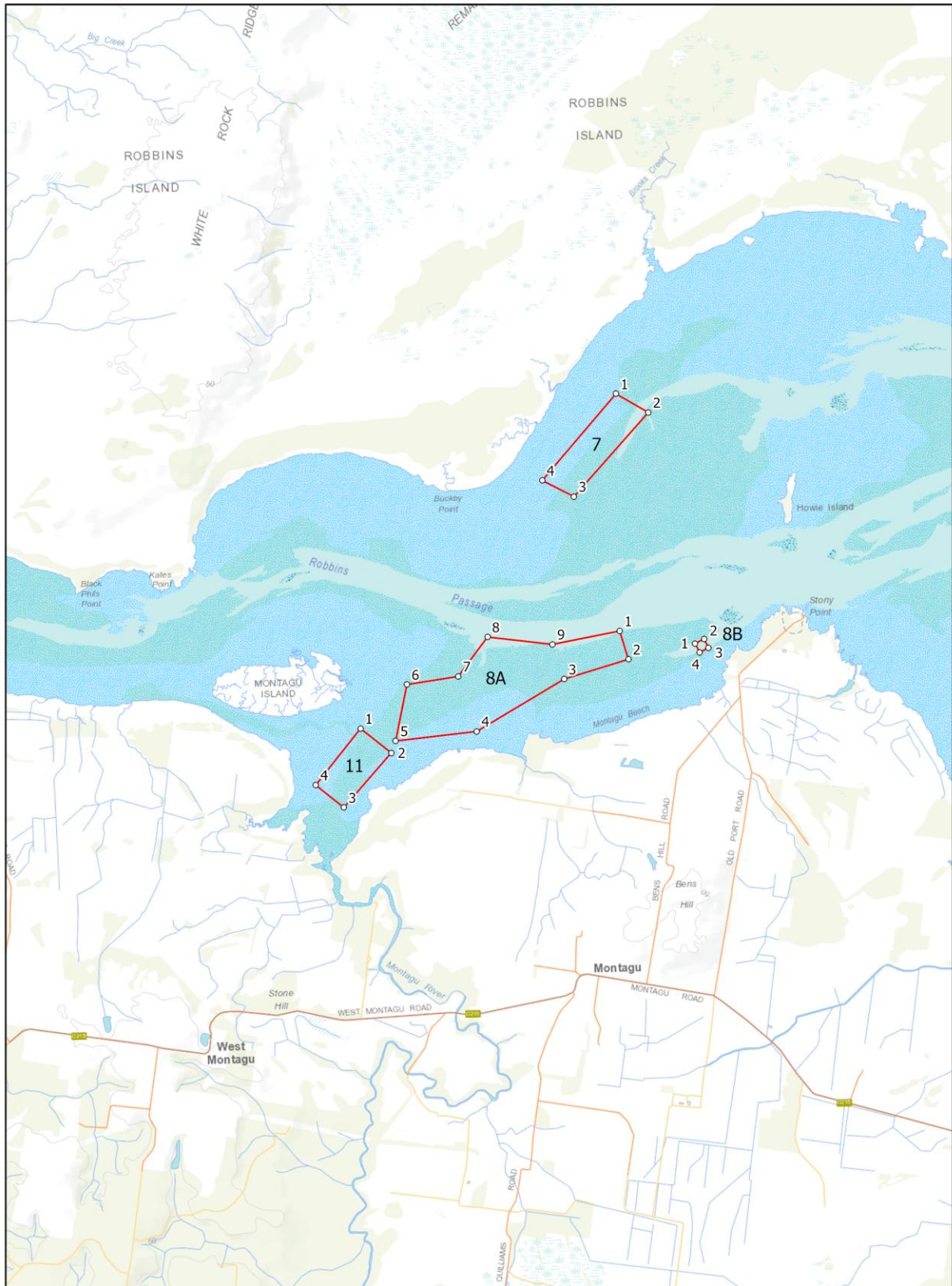


Figure 4 - Far North West Marine Farming Zones 7, 8A, 8B & 11

	 GDA 2020
Department of Natural Resources & Environment Tasmania	 Tasmanian Government

Legend	
4	Marine Farming Zone (with ID)
o 2	Co-ordinate ID



2.5 Zone 8A (Montagu)

Location

Zone 8A is located at Montagu (Figure 4).

Zone 8A consists of all that area bounded by a line being from points defined by GDA 2020 co-ordinates shown in Table 7.

Table 7. Zone 8A co-ordinates.

ID	Easting	Northing	Latitude	Longitude	
1	327614.36	5487552.36	40° 44.6957' S	144° 57.4910' E	thence to
2	327700.95	5487267.11	40° 44.8509' S	144° 57.5478' E	thence to
3	327054.35	5487067.93	40° 44.9504' S	144° 57.0852' E	thence to
4	326175.68	5486541.88	40° 45.2234' S	144° 56.4524' E	thence to
5	325358.81	5486445.88	40° 45.2649' S	144° 55.8705' E	thence to
6	325471.92	5487012.97	40° 44.9600' S	144° 55.9604' E	thence to
7	325988.52	5487095.33	40° 44.9221' S	144° 56.3287' E	thence to
8	326282.81	5487491.13	40° 44.7120' S	144° 56.5443' E	thence to
9	326937.94	5487417.26	40° 44.7602' S	144° 57.0084' E	thence to
1	327614.36	5487552.36	40° 44.6957' S	144° 57.4910' E	

GDA 2020

Zone area

The area of zone 8A is approximately 122.00 hectares.

Maximum leasable area

The maximum leasable area within zone 8A is 56.00 hectares.

Category of fish

The category of fish allowed for culture within zone 8A, subject to the provisions of a marine farming licence, is shellfish and seaweed.

Management controls

The management controls for zone 8A are prescribed in Section 3 of this Plan.



2.5 Zone 8B (Montagu)

Location

Zone 8B is located at Montagu (Figure 4).

Zone 8B consists of all that area bounded by a line being from points defined by GDA 2020 co-ordinates shown in Table 8.

Table 8. Zone 8B co-ordinates.

ID	Easting	Northing	Latitude	Longitude	
1	328373.68	5487426.88	40° 44.7730' S	144° 58.0283' E	thence to
2	328462.94	5487472.36	40° 44.7496' S	144° 58.0924' E	thence to
3	328508.32	5487383.29	40° 44.7983' S	144° 58.1232' E	thence to
4	328419.05	5487337.81	40° 44.8217' S	144° 58.0590' E	thence to
1	328373.68	5487426.88	40° 44.7730' S	144° 58.0283' E	

GDA 2020

Zone area

The area of zone 8B is approximately 1.00 hectare.

Maximum leasable area

The maximum leasable area within zone 8B is 1.00 hectare.

Category of fish

The category of fish allowed for culture within zone 8B, subject to the provisions of a marine farming licence, is shellfish and seaweed.

Management controls

The management controls for zone 8B are prescribed in Section 3 of this Plan.



2.6 Zone 9 (Robbins Passage)

Location

Zone 9 is located in Robbins Passage (Figure 3.2).

Zone 9 consists of all that area bounded by a line being from points defined by GDA 2020 co-ordinates shown in Table 9.

Table 9. Zone 9 co-ordinates.

ID	Easting	Northing	Latitude	Longitude	
1	333893.77	5489038.36	40° 43.9705' S	145° 1.9747' E	thence to
2	333717.69	5489181.24	40° 43.8912' S	145° 1.8519' E	thence to
3	333636.47	5489219.87	40° 43.8693' S	145° 1.7949' E	thence to
4	333306.97	5489349.23	40° 43.7954' S	145° 1.5630' E	thence to
5	332784.27	5489505.29	40° 43.7048' S	145° 1.1943' E	thence to
6	333030.51	5489793.60	40° 43.5520' S	145° 1.3738' E	thence to
7	333563.60	5489471.93	40° 43.7323' S	145° 1.7472' E	thence to
8	333662.51	5489690.78	40° 43.6152' S	145° 1.8209' E	thence to
9	334106.95	5489638.78	40° 43.6487' S	145° 2.1356' E	thence to
1	333893.77	5489038.36	40° 43.9705' S	145° 1.9747' E	

GDA 2020

Zone area

The area of zone 9 is approximately 42.48 hectares.

Maximum leasable area

The maximum leasable area within zone 9 is 25.00 hectares.

Category of fish

The category of fish allowed for culture within zone 9, subject to the provisions of a marine farming licence, is shellfish and seaweed.

Management controls

The management controls for zone 9 are prescribed in Section 3 of this Plan.



2.7 Zone II (South-East Montagu Island)

Location

Zone II is located at South-East Montagu Island (Figure 4).

Zone II consists of all that area bounded by a line being from points defined by GDA 2020 co-ordinates shown in Table 10.

Table 10. Zone II co-ordinates.

ID	Easting	Northing	Latitude	Longitude	
1	325004.65	5486570.85	40° 45.1929' S	144° 55.6211' E	thence to
2	325314.54	5486326.34	40° 45.3289' S	144° 55.8371' E	thence to
3	324837.01	5485776.52	40° 45.6198' S	144° 55.4886' E	thence to
4	324553.71	5486001.37	40° 45.4947' S	144° 55.2912' E	thence to
1	325004.65	5486570.85	40° 45.1929' S	144° 55.6211' E	

GDA 2020

Zone area

The area of zone II is approximately 27.46 hectares.

Maximum leasable area

The maximum leasable area within zone II is 2.00 hectares.

Category of fish

The category of fish allowed for culture within zone II, subject to the provisions of a marine farming licence, is shellfish and seaweed.

Management controls

The management controls for zone II are prescribed in Section 3 of this Plan.

Special Management controls

The special management controls for zone II are prescribed in Section 3.15 of this Plan.



2.8 Zone 12 (Welcome Inlet)

Location

Zone 12 is located at Welcome Inlet (Figure 5).

Zone 12 consists of all that area bounded by a line being from points defined by GDA 2020 co-ordinates shown in Table 11.

Table 11. Zone 12 co-ordinates.

ID	Easting	Northing	Latitude	Longitude	
1	312254.45	5489830.74	40° 43.2635' S	144° 46.6237' E	thence to
2	312033.04	5489828.95	40° 43.2614' S	144° 46.4665' E	thence to
3	312057.15	5490503.01	40° 42.8977' S	144° 46.4957' E	thence to
4	312039.29	5490641.38	40° 42.8227' S	144° 46.4856' E	thence to
5	312065.27	5490903.06	40° 42.6817' S	144° 46.5087' E	thence to
6	312243.68	5490629.05	40° 42.8322' S	144° 46.6304' E	thence to
1	312254.45	5489830.74	40° 43.2635' S	144° 46.6237' E	

GDA 2020

Zone area

The area of zone 12 is approximately 19.04 hectares.

Maximum leasable area

The maximum leasable area within zone 12 is 4.58 hectares.

Category of fish

The category of fish allowed for culture within zone 12, subject to the provisions of a marine farming licence, is shellfish.

Management controls

The management controls for zone 12 are prescribed in Section 3 of this Plan.

Special Management Controls

The special management controls for zone 12 are prescribed in Section 3.15 of this Plan.





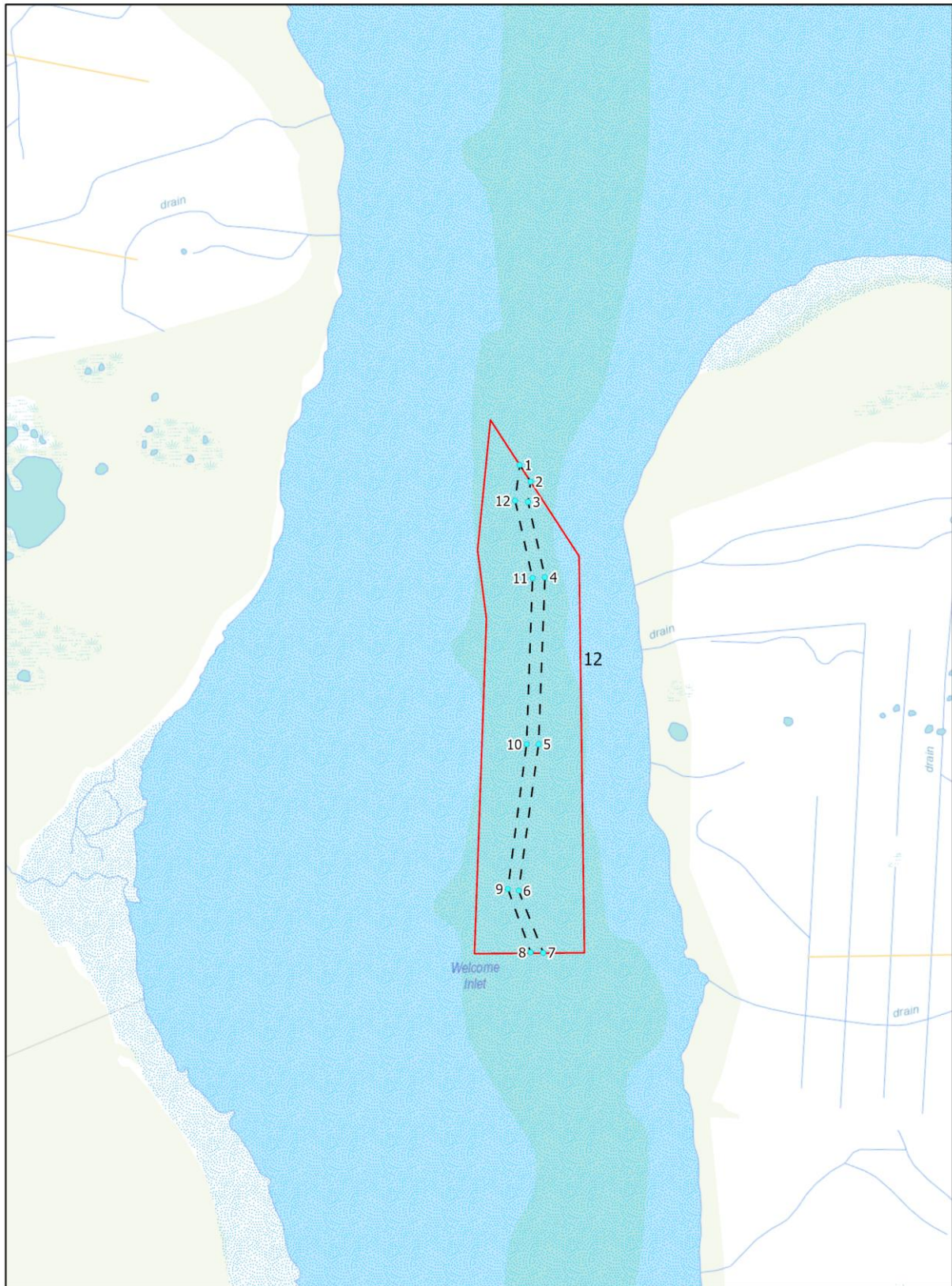


Figure 6 - Far North West Marine Farming Zone 12 (equipment prohibited area)

0 0.15 0.3 Km N GDA 2020

Department of Natural Resources & Environment Tasmania

Tasmanian Government

Legend

4 Marine Farming Zone (with ID)

o 2 Co-ordinate ID



3 Management Controls

The management controls are prepared in accordance with Section 24 of the *Marine Farming Planning Act 1995*. Management controls must contain any measures necessary to manage and mitigate negative effects that marine farming operations may have within the Plan area.

When one or more of these management controls is inconsistent with any standard or program established in accordance with related legislation and related to marine farming activities (including but not limited to a Biosecurity Program implemented under the *Biosecurity Act 2019*, the Environmental Standard, the conditions of a marine farming or an environmental licence), the Environmental Standard or environmental licence condition shall prevail over the management controls, to the extent of any inconsistency.

3.1 General management controls

All categories of fish

- 3.1.1 Lessees must comply with any written notice or request given by the Secretary and must not undertake, cause or permit another person to undertake an activity contrary to the Secretary's written notice or request.

Finfish

- 3.1.2 This management control does not apply to this Plan.

All categories of fish

- 3.1.3 In these management controls:

'Act' means the *Marine Farming Planning Act 1995*.

'authorised person' means any person authorised as a 'fisheries officer' under the *Living Marine Resources Management Act 1995* or authorised (in writing or otherwise) by the Secretary to conduct the activities required by the Secretary in relation to these management controls.

'biomass' means the weight of farmed finfish held in a given location.

'biosecurity inspector' means an inspector within the meaning of the *Animal Health Act 1995* and includes an 'authorised officer' within the meaning of the *Biosecurity Act 2019*.

'Biosecurity Program' means the Biosecurity Program: Tasmanian Salmonid published by the Secretary, Department of Natural Resources and Environment Tasmania (NRE Tas) under the *Biosecurity Act 2019*, or any Program that supersedes the Biosecurity Program, regardless of whether it has the same name.

'Chief Veterinary Officer' has the same meaning as in the *Biosecurity Act 2019*.

'Director, EPA' has the meaning given by section 3 of the *Marine Farming Planning Act 1995*.



‘environmental licence’ means an environmental licence granted under Division 8 of Part 3 of the *Environmental Management and Pollution Control Act 1994*.

‘Environmental Standard’ means the Standard relating to finfish farming published by the Department, or any regulation that supersedes the Environmental Standard, regardless of whether it has the same name.

‘EPA’ means the Environment Protection Authority established by section 12 of the *Environmental Management and Pollution Control Act 1994*.

‘finfish’ means as defined in section 3 of the *Environmental Management and Pollution Control Act 1994*.

‘finfish farming’ has the same meaning as section 5C of the *Environmental Management and Pollution Control Act 1994*.

‘fish’ means fish as defined in the *Living Marine Resources Management Act 1995*.

‘lessee’ means any leaseholder of a marine farming lease, or (if a lease is subleased) any sublease holder of a marine farming lease as granted under Part 4, Division 1 of the *Marine Farming Planning Act 1995*.

‘licenced’ in relation to finfish farming means authorised under a licence granted under Part 3, Division 8 of the *Environmental Management and Pollution Control Act 1994*.

‘Marine and Safety Authority’ has the meaning given by section 3 of the *Marine Farming Planning Act 1995*.

‘marine farming licence’ means a marine farming licence issued under Part 4 of the *Living Marine Resources Management Act 1995*.

‘notifiable disease’ means a List A or List B disease under Part 5 of the *Animal Health Act 1995*.

‘Secretary’ means the Secretary of the Department of Natural Resources and Environment Tasmania (NRE Tas) or an employee of NRE Tas acting as the delegate of the Secretary.

‘Shellfish Market Access Program (ShellMAP)’ means the shellfish quality assurance program for Tasmania, a partnership between the Tasmanian Government, Oysters Tasmania and Seafood Industry Tasmania.

3.2 General controls for all marine farming zones

Finfish only

3.2.1 This management control does not apply to this Plan.

3.2.2 This management control does not apply to this Plan.



Shellfish only

- 3.2.4 There must be no unacceptable environmental impact, as specified in the relevant marine farming licence, outside the boundary of the lease area.
- 3.2.5 Lessees must monitor all environmental parameters in accordance with the requirements specified in the relevant marine farming licence.

3.3 Controls relating to nitrogen outputs from finfish farming

- 3.3.1 This management control does not apply to this Plan.
- 3.3.2 This management control does not apply to this Plan.
- 3.3.3 This management control does not apply to this Plan.
- 3.3.4 This management control does not apply to this Plan.
- 3.3.5 This management control does not apply to this Plan.
- 3.3.6 This management control does not apply to this Plan.
- 3.3.7 This management control does not apply to this Plan.
- 3.3.8 This management control does not apply to this Plan.

3.4 Environmental controls relating to carrying capacity

Finfish only

- 3.4.1 This management control does not apply to this Plan.
- 3.4.2 This management control does not apply to this Plan.
- 3.4.3 This management control does not apply to this Plan.
- 3.4.4 This management control does not apply to this Plan.
- 3.4.5 This management control does not apply to this Plan.
- 3.4.6 This management control does not apply to this Plan.
- 3.4.7 This management control does not apply to this Plan.

Shellfish only



- 3.4.8 In all lease areas used for the farming of shellfish, there must not be more than the equivalent¹ of either:
- (a) 1 km of stocked racking per hectare of developed lease area; or
 - (b) [not defined in this Plan] km of stocked effective backbone longline per hectare of developed lease area; or
 - (c) [not defined in this Plan] metres of effective backbone longline per hectare of developed lease area; or
unless otherwise specified in the relevant marine farming licence; or
 - (d) 3 km of stocked post and wire farming equipment (commonly known as the BST system) per hectare of lease area,

unless otherwise specified in the relevant marine farming licence.

3.4.9 Containers of oysters in intertidal lease areas must be clear of the seabed, and there shall be no layering of containers on the racking.

3.4.10 All longlines and associated equipment (other than moorings for shellfish) must be maintained at least one metre clear of the seabed.

3.5 Environmental controls relating to monitoring

Finfish only

Baseline environmental survey requirements

3.5.1 This management control does not apply to this Plan.

Environmental monitoring and reporting requirements

3.5.2 This management control does not apply to this Plan.

3.5.3 This management control does not apply to this Plan.

3.5.4 This management control does not apply to this Plan.

3.5.5 This management control does not apply to this Plan.

3.5.6 This management control does not apply to this Plan.

3.5.7 This management control does not apply to this Plan.

3.5.8 This management control does not apply to this Plan.

3.5.9 This management control does not apply to this Plan.

¹ For the purpose of 3.4.8 above, each 100 metres of stocked racking shall be deemed equivalent to 300 metres of stocked post and wire farming equipment where both systems are used in a lease area at the same time.



3.5.10 This management control does not apply to this Plan.

Shellfish only

Baseline environmental survey requirements

3.5.11 Lessees must provide a baseline environmental survey as specified by the Secretary. A baseline environmental survey must be undertaken prior to the commencement of marine farming operations on those areas:

- (a) where a new lease area is being established;
- (b) when required as a condition of varying or expanding a lease area; or
- (c) where a marine farming licence is varied to allow the farming of another species not addressed by the existing baseline survey for the lease.

NOTE: The Secretary will use the information from the baseline environmental survey to assess whether the area to be farmed contains any rare or endangered species or any unusual habitat and to determine marine farming licence conditions.

Environmental monitoring requirements

3.5.12 Lessees must comply with the environmental monitoring requirements for collection, analysis and reporting as specified in the relevant marine farming licence.

NOTE: The Secretary will use the information from the environmental monitoring surveys when determining marine farming licence conditions.

3.5.13 Lessees farming or taking bivalve shellfish from the lease area for human consumption or on-growing for human consumption, must comply with the Shellfish Market Access Program.

3.5.14 Lessees must measure the growth of samples of shellfish and report to the Secretary in relation thereto (as required by the Secretary) in areas where the growth rates of shellfish have declined, and the Secretary is concerned that the carrying capacity of the area is being exceeded.

3.5.15 Lessees will provide to the Marine Resources Division (NRE Tas) estimated numbers or biomass of each species of shellfish in a lease area for which a marine farming licence is held as requested or otherwise on an annual basis.

3.6 Abalone farm audits

3.6.1 All abalone marine farming must be conducted in accordance with the Department of Natural Resources and Environment Tasmania's abalone farm reporting and recording procedures and requirements.



3.7 Chemical controls

- 3.7.1 All chemical use must comply with the requirements of the *Agriculture and Veterinary Chemicals (Control of Use) Act 1995*.

3.8 Controls on waste

- 3.8.1 Lessees must dispose of wastes from:
- (a) harvesting;
 - (b) processing of produce;
 - (c) removal of fouling organisms; and
 - (d) production

in accordance with relevant Acts or regulations, and in a manner that the Secretary is satisfied will not cause an unacceptable effect on the ecology of the marine environment or nearby shorelines.

- 3.8.2 All mortalities arising in connection with marine farming operations must be disposed of at a site that has the necessary approvals to receive this material.
- 3.8.3 This management control does not apply to this Plan.
- 3.8.4 Lessees must ensure that blackwater and greywater resulting from the servicing of marine farming operations is not released into the marine environment, unless otherwise authorised.

3.9 Disease Controls

- 3.9.1 Lessees must notify a biosecurity inspector of any suspicion of a notifiable disease in accordance with the *Animal Health Act 1995*.
- 3.9.2 This management control does not apply to this Plan.
- 3.9.3 Lessees must participate in any fish health management plan or fish biosecurity program as directed in writing by the Chief Veterinary Officer or Secretary.

3.10 Visual controls

- 3.10.1 All marine farming structures and equipment within marine farming lease areas must conform to the following controls:
- (a) All fish cages, buoys, netting and other floating marine farming structures and equipment on state waters (other than that specified for navigational requirements) must be grey to black in colour or be any other colour that is specified in the relevant marine farming licence.
 - (b) Marine farming structures and equipment must be low in profile and be of a uniform size and shape to the satisfaction of the Secretary. The Secretary will determine what constitutes a low profile and uniform size and shape.
 - (c) Posts on each section of racking on intertidal lease areas are to be of uniform height above sea level.



- (d) Row markers on intertidal lease areas are to be of uniform height above sea level.
- (e) The lease area must be kept neat and tidy to a standard acceptable to the Secretary.
- (f) Lessees are to ensure (to the satisfaction of the Director, EPA) that light generated from marine farming operations does not create a nuisance.

3.11 Access controls

- 3.11.1 Lessees must mark the external boundaries of the lease area in whatever manner is required by the Secretary and by Marine and Safety Tasmania.
- 3.11.2 Lessees must identify the lease area in a manner specified by the Secretary.
- 3.11.3 Anchors and mooring lines that extend outside the lease area, must be at least five metres below the surface at the boundary of the lease area and must not extend outside a marine farming zone.

3.12 Odour controls

- 3.12.1 Lessees must ensure to the satisfaction of the Director, EPA, that odour generated from marine farming operations does not create an odour nuisance.

3.13 Fish escapes

- 3.13.1 Lessees must not intentionally release into state waters fish of the species authorised in the relevant marine farming licence, unless authorised to do so by that licence.
- 3.13.2 Lessees must report to the Secretary any significant incident of fish escapes within 24 hours of becoming aware of the escape. A significant escape is defined as any loss of licenced species to the marine environment in excess of 500 individuals in a single event.
- 3.13.3 This management control does not apply to this Plan.

3.14 Other controls

- 3.14.1 Lessees must ensure that noise generated from marine farming operations does not create an environmental nuisance.
- 3.14.2 Lessees must maintain marine farming structures and equipment in a serviceable condition on lease areas held by them.
- 3.14.3 Lessees must remove fouling organisms from marine farming equipment, as directed by the Secretary or Director, EPA and in a manner that the Secretary or Director, EPA is satisfied will not cause an unacceptable effect on the ecology of the marine environment or nearby shorelines.
- 3.14.4 Lessees must remove redundant, dilapidated or loose marine farming structures and equipment from state waters, as directed by the Secretary.
- 3.14.5 If any part(s) of marine farming structures or equipment break away from the lease area, lessees must take action as soon as is reasonably possible to recover those structures and



equipment and return them to the lease area or otherwise dispose of them in an appropriate manner.

- 3.14.6 Lessees must permit authorised persons (as directed by the Secretary or Director, EPA) to enter into and inspect the lease area at all reasonable times.
- 3.14.7 Lessees must not undertake, cause or permit another person to deliberately interact with wildlife, except in accordance with the *Nature Conservation Act 2002*.
- 3.14.8 Lessees must comply with any operational requirements (notified by the Secretary) in relation to managing, mitigating or avoiding interactions with wildlife, as defined by the *Nature Conservation Act 2002*.
- 3.14.9 The Secretary may from time to time, determine requirements for the marking and monitoring of marine farming equipment.
- 3.14.10 Upon making a determination under 3.14.9, the Secretary is to notify any lessees of the determination.
- 3.14.11 A lessee notified in accordance with 3.14.10 must comply with that notice.
- 3.14.12 Vessels (other than vessels that enter the lease area on a transient or itinerant basis) must not be located within a marine farming lease area, unless authorised under the relevant marine farming licence.
- 3.14.13 A lessee who becomes aware of a potential hazard to navigation must as soon as practicable after becoming aware of the hazard, notify Marine and Safety Tasmania and take any other action directed by Marine and Safety Tasmania and/or considered necessary by the lessee.
- 3.14.14 In the event of the cessation of marine farming where the holder of the environmental licence is unable or unwilling to remediate or monitor the lease area, the Director, EPA may impose a remediation or monitoring plan.

3.15 Special Management Controls

3.15.1 Zone 1A & Zone 1B (Duck Bay)

- 3.15.1.1 Controls have been set on the stocking density for this zone. The length of stocked racking is to be 850m/ha for zone 1A and zone 1B.
- 3.15.1.2 Conversion ratios for different growing methods: 0.5 for tray systems, 3 for BST system and 1 for basket system.

3.15.2 Zone 11 (South-East Montagu Island)

- 3.15.2.1 Any marine farming lease allocated within zone 11 must not be located within the channel originating from the Montagu River, running through zone 11, as defined at low water.

3.15.3 Zone 12 (Welcome Inlet)

- 3.15.2.1 Lessees must ensure that all Pacific oysters cultured within zone 12 are triploid Pacific oysters.



- 3.15.3.2 Lessees must ensure that triploid Pacific oysters cultured within zone 12 are fully enclosed within containers.
- 3.15.3.3 Lessees must ensure that lease areas within zone 12 are completely destocked when not needed for management purposes.
- 3.15.3.4 Marine farming equipment is not permitted to be located within the area defined by GDA 2020 co-ordinates shown in Table 10 and Figure 6.

Table 10. Zone 12 marine farming equipment prohibited area.

ID	Easting	Northing	Latitude	Longitude	
1	312124.15	5490812.63	40° 42.7314' S	144° 46.5489' E	thence to
2	312146.01	5490779.04	40° 42.7498' S	144° 46.5638' E	thence to
3	312140.93	5490738.28	40° 42.7718' S	144° 46.5594' E	thence to
4	312175.04	5490586.52	40° 42.8542' S	144° 46.5809' E	thence to
5	312162.09	5490250.66	40° 43.0354' S	144° 46.5657' E	thence to
6	312121.99	5489955.64	40° 43.1942' S	144° 46.5319' E	thence to
7	312171.50	5489831.03	40° 43.2622' S	144° 46.5648' E	thence to
8	312146.33	5489831.57	40° 43.2616' S	144° 46.5470' E	thence to
9	312100.38	5489959.29	40° 43.1920' S	144° 46.5167' E	thence to
10	312137.95	5490250.51	40° 43.0352' S	144° 46.5486' E	thence to
11	312149.88	5490584.88	40° 42.8547' S	144° 46.5630' E	thence to
12	312114.96	5490740.60	40° 42.7702' S	144° 46.5411' E	thence to
1	312124.15	5490812.63	40° 42.7314' S	144° 46.5489' E	

GDA 2020





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