

AQUATIC FARMING OPERATION AND DEVELOPMENT PLAN - PART B

Complete one operation and development plan for each species using a reasonable expectation of what you believe is possible for each year of the 10-year lease and operation permit. This is a projection to help you visualize a 10-year farming plan. By the end of year 5, sales must meet or exceed the commercial use requirement and be maintained or increased in the remaining years of the lease. Commercial use equals the annual sum of farm sales from all species combined. An amendment is needed to make any significant changes to gear or acquired numbers.

Name	DNR ADL	ADF&G Permit No.	Species (scientific and common name)				
			Sugar (<i>Saccharina latissima</i>), bull kelp (<i>Nereocystis leutkeana</i>), ribbon kelp (<i>Alaria marginata</i>)				
Calendar Year	Installation Schedule			Seed Acquisition		Projected Harvest and Sales	
	(What you plan to install each year; type, number, and dimensions/poundage; needs to correspond with diagrams and drawings. Note if removed annually.)			# of Hatchery Produced Seed	OR # of Seed from Natural Set on Gear or Wild stock	Projected Sales ³	# of Organisms or # of Pounds
Support Facilities ¹	Equipment/Gear ²	Anchoring Systems	Total seed to be acquired (shellfish) or total feet of line (aquatic plants).	Only for indigenous species to be collected for farm. Not broodstock.			
(Year 1) 2022	None	40 - 100 ft lines Removed annually	4 - 1,000 lbs pyramid anchors, remain installed	4,000 ft of line	NA	\$ 0	0
(Year 2) 2023	none	80 - 100 ft lines removed annually	+4 - 1,000 lbs pyramid anchors, remain installed	8,000 ft of line	NA	\$ 10,000	40,000 lbs
(Year 3) 2024	none	Same as above	No new anchors	8,000 ft of line	NA	\$ 20,000	80,000 lbs
(Year 4) 2025	none	Same as above	No new anchors	8,000 ft of line	NA	\$ 20,000	80,000 lbs
(Year 5) 2026	none	Same as above	No new anchors	8,000 ft of line	NA	⁴ \$ 20,000	80,000 lbs

I understand I must improve productivity according to above operation and development plan for this species and that this plan can be amended to reflect any changes as the aquatic farm operations develop.

Signature

Date

¹ Support facilities examples: caretaker, storage, or processing facilities, work rafts, etc. This must correspond to diagrams and drawings.

² Equipment examples: grow-out rafts, longlines, buoys, etc. Gear examples: trays, tiers of lantern nets, or predator netting. This must correspond to diagrams and drawings.

³ Projected sales are based on Farm Gate Income which is defined as the unprocessed value, excluding the cost of packaging or transport of the product to its' first point of sale.

⁴ For new operations, by the end of the 5th year, projected sales for all species combined must meet the commercial use requirement (CUR) defined as the annual sales of at least \$3,000 per acre or fraction of an acre, or \$15,000 per farm, whichever is less (11 AAC 63.03(b)). The CUR applies to the combined total of all species, is not a "per species" requirement and must be maintained or increased in Years 6 - 10.