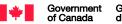




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	RNAL USE
File Number:	Project Number:
Disposition Number:	Client Number:
PACIFIC AQUATIC PLANT OR CO-	CULTURE NEW SITE APPLICATION
Aquatic Plants Only OR	Aquatic Plants and Shellfish
	URCE OPERATIONS AND RURAL DEVELOPMENT, ADA AND TRANSPORT CANADA
Incomplete applications will	be returned to the applicant.
PART I – GENERA	L INFORMATION
PART I - SECTION A: PROJECT SUMMARY Provide a general overview of the proposed proje	ct and rationale for site selection
Additional Pages or	Supporting Material Attached: OYes ONo





PART I - SECTION B: APPLICANT INFORMATION

If there will be a different applicant name for the Federal Department of Fisheries and Oceans and/or Transport Canada, please check this box and fill out the additional Appendix A1 and/or A2 as applicable. Appendices are found at the end of this document.						
	Registered Business					
Applicant Type:	Individual					
1. Applicant Conta	act Information:					
Registered Business	Name (if applicable):					
BC Inc. #, BC Registr	ation # or BC Society # (if applicable)	:				
Individual Legal nai	me (if applicable):					
First name:		Middle name:				
Last name:						
Business Contact In	formation:					
Telephone:		Fax:				
Email:						
Mailing Address:						
Physical Addres	Physical Address: Same as above					





2.	Primary Contact Information:				
	Name:	Telephone:			
	Title:	Cell Phone:			
	Email:	Fax:			
3.	Agent/Representative Information:	Not Applicable			
	Name:	Telephone:			
	Email:	Cell Phone:			
	Letter of Authorization Enclosed OYes ONo	Fax:			
PA	RT I - SECTION C: SITE GENERAL INFORMATION A	AND AREA			
1.	Geographic Location of Site:				
2.	Site Common Name:				
3.	Pacific Fishery Management Area (PFMA)	Sub Area			
4.	For Aquatic Plants Only:	☐ Hatchery			
5.	Land Ownership and Tenure Type				
	Provincial Park/Conservancy (managed pursuant to Park Act)				
	Other Provincial lands (managed pursuant to the	he Land Act)			
	Requested tenure type				
	O Lease O Licence of Occupation O Investigative Use Licence				
	Private Land Federal Land	Harbour Authority			
	First Nation Reserve Other (describe):				





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6.	Is the application area surveyed?	$_{ extstyle e$			
		O No – Attach se as outlined in Se	eparate Metes and Bounds document and/or shapefile ction D		
7.	7. GPS coordinates for the center of the application area/tenure (Report in Decimal Degree Minutes):		Latitude: (DD DD.ddddd): Longitude: (DD DD.ddddd):		
8.	Estimated Application Area (he	ctares):			

PART I - SECTION D: MAPS, DIAGRAMS AND ADDITIONAL REQUIRED DOCUMENTS

Check each box to confirm attached	Attach the following maps, diagrams and documents. All documents must be titled, and maps must have a scale. Please refer to the Mapping Descriptions and Sample Mapping in the Pacific Shellfish Application Guidebook.
	1. General Location Map: A map at a scale of 1:50,000 to 1:100,000 indicating the general location of the area under application, noting the location of significant geographic features, such as a lake, mountain, road, community, etc.
	 2. Application Area Map (submit one of the following): a) Shape file: attach a shapefile or .kmz geo-referenced to BC Albers Project (NAD 83), and including a reference map with a Point of Commencement OR b) Metes & Bounds: A map showing a UTM/latitude and longitude of a point of commencement (POC) and a corresponding text description on a separate piece of paper that describes the metes and bounds of the proposed shape.
	3. Top View Operational Diagram: A diagram at the largest scale available for the project location that clearly shows the location of all planned infrastructure, including anchors and anchor lines (if applicable) in relation to the bathymetry at the site (include more than 1 diagram if necessary).
	4. Side View Operational Diagram, based on the culture type: A scaled schematic diagram(s) showing a side view of the proposed operation, which includes all infrastructure, including anchors and anchor lines (if applicable). Distances from seabed to infrastructure, and infrastructure to LLWM must be included. All depths of works within water column to be displayed.
	5. Debris Management Plan : A plan outlining the management of infrastructure, gear, and equipment to minimize the generation of debris and ensure any debris generated does not enter the marine environment. Aquatic Plant culture conditions of licence prohibit the introduction of refuse and debris into the marine environment – Debris Management Plan guidance is found https://example.com/here.com/





PART I - SECTION E: FIRST NATIONS CONSIDERATION

Canada and the Province of British Columbia are legally obligated to consult and, where appropriate, accommodate First Nations on decisions that could impact treaty rights or Aboriginal rights and title ("Aboriginal Interests"). Federal and Provincial decision makers are responsible for ensuring adequate and appropriate consultation and accommodations.

For more information please review the information available on the Ministry of Forests, Lands, Natural Resource Operations and Rural Development website: 'Consulting with First Nations'. Specifically, proponents are advised to review: "Guide to Involving Proponents When Consulting First Nations" (http://www2.gov.bc.ca/gov/content/environment/natural-resource-stewardship/consulting-with-first-nations).

Proponents are encouraged to engage with First Nations as early as possible in the planning stages to build relationships and for information sharing purposes. You may use the Province's Consultative Areas Database to identify which First Nations to engage:

https://www2.gov.bc.ca/gov/content/data/geographic-data-services/land-use/contacts-for-first-nation-consultation-areas





PART I - SECTION F: CULTURE AND INFRASTRUCTURE INFORMATION

1. Proposed Culture Type:		
CULTURE TYPE	SHELLFISH/AQUATIC PLANTS/BOTH	Proposed Area (hectares)
Intertidal Beach Culture		
Intertidal Beach Culture		
Deepwater Suspended Culture		
Deepwater Suspended Culture		
Subtidal On/In Bottom Culture		
Subtidal On/In Bottom Culture		
What is the maximum subtidal culture deptharea (m)?		
How much of the subtidal application area h (hectares)?	nas depths greater than 30m	

2.	Proposed In	frastructure:			
STRUC	TURE	CULTURE TYPE	QUANTITY	DIMENSIONS (m OR m²) OF EACH STRUCTURE	TOTAL AREA (m²) OF STRUCTURE(S)
Culture	e Rafts	☑ Deepwater	10	25m x 25m	6250 m²
Living /	Accommodation	Deepwater			
Work F	loat with Toilet	Deepwater			
Work F	loat(s)	Deepwater			

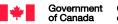




PART I - SECTION F: CULTURE AND INFRASTRUCTURE INFORMATION CONTINUED:

2. Proposed Infrastructure (cont'd):					
STRUCTURE	CULTURE TYPE	SPECIES	QUANTITY	DIMENSIONS (m OR m²) OF EACH STRUCTURE	TOTAL AREA (m²) OF STRUCTURE(S)
Longlines	Intertidal				
	Deepwater				
	Subtidal				
Culture Rafts	Deepwater				
Predator	☐ Intertidal				
Netting	Deepwater				
	Subtidal				
Predator Protection	☐ Intertidal				
Tubes	Subtidal				
Retention	☐ Intertidal				
Fencing	Subtidal				
Floating Upweller System (FLUPSY)	Deepwater				
Other:	☐ Intertidal				
	Deepwater				
	Subtidal				
Other:	☐ Intertidal				
	Deepwater				
	Subtidal				
Other:	☐ Intertidal				
	Deepwater				
	Subtidal				





PART I - SECTION F: CULTURE AND INFRASTRUCTURE INFORMATION CONTINUED

3. Proposed Ancillary and Navigational Structures:				
STRUC	TURE	DESCRIPTION		
Site Ma	rkings	concrete blocks placed along the perimeter of the site as per site diagram		
Remote Equipm	e Setting nent			
Site Ma	rking			
Naviga	tion Markers			
Anchor blocks				
Other S	Structures:			
4.	Proposed Substr	ate Modification:		
Describe:				





PART II – INFORMATION FOR THE BC MINISTRY OF FORESTS, LANDS, NATURAL RESOURCE OPERATIONS AND RURAL DEVELOPMENT (FLNRORD)

The following information, along with Part I and Part V is required for the review of the Provincial Crown Land Tenure application pursuant to the BC *Land Act*.

PART II - SECTION A: SITING CONSIDERATIONS

Applicants must respond to each consideration and may be required to provide additional information in some situations.

1.	Does your proposal have the potential to infringe on the riparian rights of an upland owner?	O Yes O No
	Letter of upland owner consent enclosed:	O Yes O No O N/A
2.	Is the intended use consistent with approved local government bylaws for land use planning and zoning?	O Yes O No
	Provide the name of the local government(s) for the area under application [require	ed]:
	Describe any applicable bylaws or zoning for the proposed area:	
	If No , have you contacted the local government?	O Yes O No
	Summary of interactions with local government attached:	O Yes O No O N/A

PART II - SECTION B: ADDITIONAL CROWN LANDS INFORMATION

1.	Are all applicants Canadian Citizens or Permanent Residents; or if a corporation, registered partnership, cooperative or non-profit society, is it registered in BC?	○ Yes ○ No
2.	Is/Are applicant(s) 19 years of age or older?	○ Yes ○ No
3.	For applications made by more than one individual:	○ N/A ○ Joint Tenant OR ○ Tenants in Common





PART II - SECTION C: WATER USE

1.	Will fresh water be diverted or used at the site for the operation of the	O Yes (Complete Question 2 & 3)		
	facility, living accommodations or other purposes?	O No planned water usage (continue to Part III)		
2.	Fresh water source: (check all that apply)	Groun	nd Water Surface Water	
	(спеск ан спас арргу)	Water So	urce Name:	
3.	Do you have any existing water licences and/or have you submitted any water licence applications?	O Yes	Application Tracking Number: Existing Water Licence Number:	
		O No		





PART III – INFORMATION FOR THE BC MINISTRY OF FORESTS, LANDS, NATURAL RESOURCE OPERATIONS AND RURAL DEVELOPMENT (FLNRORD) AND FISHERIES AND OCEANS

Aquatic Plants are licenced by the Provincial Government pursuant to the BC Fish and Seafood Act

Shellfish is licenced by Fisheries and Oceans pursuant to the Pacific Aquaculture Regulations

PART III - SECTION A1: PROPOSED SHELLFISH SPECIES

		FIRST YEAR Of	ANNUAL	SOUI	RCE OF STO	OCK
SPECIES NAME	CULTURE TYPE	PRODUCTION (click or tap each box to select date)	PRODUCTION ESTIMATE (t)	Hatchery	Natural Set	Other (complete Table B)
	Intertidal Deepwater Subtidal					
	☐ Intertidal ☐ Deepwater ☐ Subtidal					
	☐ Intertidal ☐ Deepwater ☐ Subtidal					
	☐ Intertidal ☐ Deepwater ☐ Subtidal					
	Intertidal Deepwater Subtidal					
	Intertidal Deepwater Subtidal					





PART III - SECTION A1: PROPOSED SHELLFISH SPECIES CONTINUED

TABLE B: PROVIDE A SHORT DESCRIPTION OF "OTHER" SEED SOURCE STOCK BY SPECIES IF APPLICABLE:					
SPECIES	SEED SOURCE STOCK				

PART III - SECTION A2: PROPOSED AQUATIC PLANT SPECIES

	CULTURE TYPE	FIRST YEAR OF PRODUCTION (click or tap each box to select date)	ANNUAL PRODUCTION ESTIMATE (t)	SOURCE OF STOCK		
SPECIES NAME				Seed Stock (within 50 km)	Seed Stock (Other) Complete Table B	
	Intertidal Deepwater Subtidal					
	Intertidal Deepwater Subtidal					
	Intertidal Deepwater Subtidal					
	Intertidal Deepwater Subtidal					
	Intertidal Deepwater Subtidal					
	Intertidal Deepwater Subtidal					





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TABLE B: PROVIDE BY SPECIES SUPPORTING INFORMATION WHY SEED STOCK SOURCING GREATER THAN 50 KM:					
SPECIES	SUPPORTING INFORMATION				

PART III - SECTION B: FISHERIES PROTECTION

Fisheries and Oceans Canada – Aquaculture Management Division (DFO - AMD) is responsible for the sustainable management of aquaculture in British Columbia. Like other types of industrial development taking place in and around water, aquaculture projects have the potential to affect fish and fish habitat.

NOTE: Aquaculture activities must not result in harm to a Species at Risk Act (SARA) listed species, their residence, or their critical habitat, as defined in the associated Recovery Strategy, or Action Plan. Aquaculture activities are not permitted in Wildlife Management Areas.

1.	Int	ertidal	Culture Operations	Not	Applicable
	a) Are you proposing to use any temporary or permanent aquaculture structures or equipment i.e install geoduck tubes or rack and bag structures, a motorized vehicle or "stinger" (high pressure water wand harvesting gear) in <u>any</u> of the following habitats?				
		i.	intertidal stream channels	O Yes	O No
		ii.	eelgrass beds (<i>Zostera</i> sp.)	O Yes	O No
		iii.	fish spawning areas	O Yes	O No
		iv.	SARA listed species, critical habitat, and/or residence	O Yes	O No
		If <u>Yes</u> ,	describe the activities:		
	b)	_	u use a Mechanical Clam Harvesting Machine or 'stinger' harvest gea intertidal?	O Yes	O No
	c)	How w	rill you be accessing the proposed area?		

NOTE: Aquaculture activities may not occur in salt marsh habitat.





2.	Deep	Water/S	Suspended Culture Operations	Not Ap	plicable
	а	quacultu	roposing to install any aquaculture structures or conduct re activities (including anchor system placement) in waters than the 10m bathymetric contour?	O Yes	O No
	а	nchor sys	roposing to install any aquaculture structures or conduct aquacustem placement) in waters deeper than 10m (measured from chaing habitats/areas?		
		i.	rocky reefs	O Yes	O No
		ii.	eelgrass beds (<i>Zostera</i> sp.)	O Yes	O No
		iii.	kelp beds	O Yes	O No
		iv.	fish spawning areas	O Yes	O No
		V.	glass sponge complexes (<i>Hexactinellidae</i>) and/or coral complexes	O Yes	O No
		vi.	SARA listed species, critical habitat, and/or residence	O Yes	O No
		vii.	Rockfish Conservation Areas	O Yes	O No
http	os://www	Viii. <u>w.pac.dfo-m</u>	Southern Resident Killer Whale management areas po.gc.ca/whales-baleines/srkw-measures-mesures-ers-eng.html	O Yes	O No
<u>htt</u> r	os://www	ix. w.pac.dfo-m	Federal Integrated Geoduck Management Framework Red Zones po.gc.ca/aquaculture/management-gestion/geoduck-panope/index-eng.html	O Yes	O No
	If	Yes, des	cribe the structures, habitat, and method for installation:		
	c) What is the minimum depth (m) below structures at zero tide (as measured from the deepest hanging trays, lines, etc. to the sea floor)?:				



3.	Su	btidal On	/ In-Bottom Culture Operations	□ No	ot Applicable
	a) Are you proposing to install any temporary or permanent in- or on-bottom aquaculture structures (e.g. bags on bottom, cages, nursery structures, geoduck tubes, predator netting, etc.) other than site boundary markers in any of the following important or sensitive habitats?				
		i.	rocky reefs	O Yes	O No
		ii.	eelgrass beds (<i>Zostera</i> sp.)	O Yes	O No
		iii.	kelp beds	O Yes	O No
		iv.	fish spawning areas	O Yes	O No
		V.	glass sponge complexes (<i>Hexactinellidae</i>) and/or coral complexes	O Yes	O No
		vi.	SARA listed species, critical habitat, and/or residence	O Yes	O No
		If <u>Yes</u> , des	scribe the structures, habitat, and method for installation:		



PART IV - INFORMATION FOR TRANSPORT CANADA (TC)

The following information, along with Part I and Part V is required for the review of the federal *Canadian Navigable Waters Act* (CNWA) approval.

PART IV - SECTION A: SITING CONSIDERATIONS

In determining whether to issue the approval, the Minister must consider the following:

- (a) the characteristics of the navigable water in question;
- (b) the safety of navigation in that navigable water;
- (c) the current or anticipated navigation in that navigable water;
- (d) the impact of the work on navigation, including as a result of its construction, placement, alteration, rebuilding, removal, decommissioning, maintenance, operation or use;
- (e) the impact of the work, in combination with other works, on navigation, if the Minister is provided with, or has in his or her possession, information relating to that cumulative impact;
- (f) any Indigenous knowledge that has been provided to the Minister;
- (g) any comments that he or she receives from interested persons within the period provided for under subsection (4);
- (h) the record of compliance of the owner under this Act; and
- (i) any other information or factor that he or she considers relevant.

PART IV - SECTION B: ADDITIONAL TRANSPORT CANADA INFORMATION

3.	waterway Name:			
	Width (m):	Depth Range (m):		
4.	Is this Work: New Existing	Modification of Existing Work		
PA	RT IV - SECTION C: ADDITIONAL REQUIR	RED DOCUMENTS		
	Construction Methodology - Include: t vessel utilization.	iming of works, mobilization of equipment, and all		





PART V - INFORMATION FOR ALL AGENCIES

Incomplete applications will be returned to the applicant.

PROVINCIAL FEES:

Application fees for Crown land tenures and Aquatic Plant culture licences are due upon submission.

Crown land fee for a new Aquatic plant application, as per the **Land Use Operational Fee - Aquaculture**.

Aquatic culture fee, as per the **Fish and Seafood Licencing Regulation**.

Forms of payment:

- Cheques or Money orders must be in Canadian Funds to Minister of Finance.
 (FrontCounter BC will not accept personal cheques drawn on US banks, regardless of what currency.)
- Debit Card (in-person only).
- Visa, AMEX and MasterCard payments are accepted in-person or over the telephone. To locate a FrontCounter BC office, visit the website at http://portal.nrs.gov.bc.ca or call the toll free number 1-877-855-3222.

DISCLOSURE:

The information you provide may be subject to the following legislation: British Columbia *Freedom of Information and Protection of Privacy Act* (FOIPP Act); the federal *Access to Information Act*; and the federal *Privacy Act*. Personal information is collected by FrontCounter BC under the legal authority of section 26 (c) and 27 (1) of the Freedom of Information and *Protection of Privacy Act* (the Act). The collection, use, and disclosure of personal information is subject to the provisions of the Act. The personal information collected by FrontCounter BC will be used to process your inquiry or application(s). It may also be shared when strictly necessary with partner agencies that are also subject to the provisions of the Act. The personal information supplied in the application package may be used for referrals or notifications as required. Personal information may be used by FrontCounter BC for survey purposes. For more information regarding the collection, use, and/or disclosure of your personal information by FrontCounter BC, please contact FrontCounter BC at 1-877-855-3222 or at: FrontCounter BC Program Director, FrontCounter BC, Provincial Operation, 441 Columbia Street, Kamloops, BC V2C 2T3 or the Director, Access to Information and Privacy Secretariat at the Department of Fisheries and Oceans Canada and Transport Canada. The Province of British Columbia and Transport Canada do not consider the information submitted in this form to be confidential unless it is subject to the privacy protection of the *Freedom of Information and Protection of Privacy Act* or the *Access to Information Act*.

I understand that the information supplied will be used to review my applications under the BC *Land Act*, BC *Fish and Seafood Act*, the federal *Fisheries Act* and the federal *Canadian Navigable Waters Act* and information will be shared amongst the other agencies, First Nations and/or with the public.

IMPORTANT: Federal regulations require that applications submitted on behalf of a company be signed by a company director. Please email **aquaculture.licensing@dfo-mpo.gc.ca** for direction regarding supporting documentation.

Signature(s) of applicant(s) or authorized representative	Printed name(s) of Applicant(s) or authorized representative*	Date

^{*}If signature is by an authorized representative please supply a signed letter granting authorization to act on behalf of the applicant.





Submit completed application and any additional supporting information to:

BY EMAIL:

Email Subject line: **Proponent Name, Application Type**

Attachments: The application and attachments to be submitted as one

"unprotected" PDF document. If not, name as following:

Proponent_Application Type_1of2

Proponent_Description of Supporting documents_2of2

Email to: <u>WestCoast.LandReferrals@gov.bc.ca</u>

Fees: Payment is required prior to the review of an application

and can be submitted in the methods noted on the previous

page.

IN PERSON:

Any FrontCounter BC office.

Visit http://portal.nrs.gov.bc.ca for the location nearest you.

BY MAIL:

FrontCounter BC, 142-2080 Labieux Road, Nanaimo, BC V9T 6|9

PLEASE RETAIN A COPY OF THIS APPLICATION FOR YOUR RECORDS

APPLICATIONS ARE NOT TRANSFERABLE

THE SUBMISSION OF THIS FORM DOES NOT IN ANY MANNER CONVEY ANY RIGHTS TO USE OR OCCUPY CROWN LAND AND/OR CONDUCT REQUESTED ACTIVITIES





APPENDIX A1: Federal Department of Fisheries and Oceans Applicant Information: (COMPLETE APPENDIX A1 ONLY IF APPLICANT INFORMATION IS DIFFERENT THAN IN SECTION B)

Note: Federal Approvals will not be issued in names of multiple parties.

Applicant Type:	Registered Business				
Applicant Type:	Individual				
1. Applicant Cont	act Information:				
Registered Business	Name (if appliable):				
Individual Legal na	me (if applicable):				
First name:		Middle name:			
Last name:		'			
Mailing Address:		Tele	ephone:		
			Cell	:	
			Fax	:	
			Ema	ail:	
BC Inc. #, BC Registration # or BC Society #:			-		Not Applicable
Physical Business Ad	dress:		-		Same as Mailing Address
2. Primary Contact I	nformation:				Same as Licensee
Name:	Name:			Telephone:	
Title:	Title:			Cell:	
Email:	Email:			Fax:	
3. Agent/Represent	ative Information:				Not Applicable
Name:				Telephone:	
Email:				Cell:	
Letter of Authoriz	ation Enclosed OYes	Ono		Fax:	





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APPENDIX A2: Transport Canada Applicant Information:

(COMPLETE APPENDIX A2 ONLY IF APPLICANT INFORMATION IS DIFFERENT THAN IN APPENDIX A1 OR SECTION B)

1. Licence Information	
Licensee/Owner Name:	
Mailing Address:	Telephone:
	Cell:
	Fax:
	Email:
BC Inc. #, BC Registration # or BC Society #:	Not Applicable
Physical Business Address:	Same as Mailing Address
2. Primary Contact Information:	Same as Licensee
Name:	Telephone:
Title:	Cell:
Email:	Fax:
3. Agent/Representative Information:	Not Applicable
Name:	Telephone:
Email:	Cell:
Letter of Authorization Enclosed OYes O	No Fax: