



FOR INTERNAL USE				
File Number:	Project Number:			
Disposition Number:	Client Number:			

# PACIFIC SHELLFISH AQUACULTURE AMENDMENT APPLICATION

MINISTRY OF FORESTS, LANDS, NATURAL RESOURCE OPERATIONS AND RURAL DEVELOPMENT
FISHERIES AND OCEANS CANADA
TRANSPORT CANADA

Prior to completing this application refer to approved **Federal Aquaculture Licence and Provincial Site Management plans** for details on currently approved activities at the site. If you require a copy, please contact **WestCoast.LandReferrals@gov.bc.ca** 

# PART I – GENERAL INFORMATION

Any time you see this symbol, hold mouse pointer over top and additional information will appear.

For each question, select only one check box or circle unless otherwise directed.

#### **PART I - SECTION A1: SUMMARY**

Provide a general overview of the proposed amendment:	•		
? Additional	Pages or Supporting Material Attached:	○Yes	ONo
	- ·· ·		





## PART I - SECTION A2: AMENDMENT TYPE (CHECK ALL THAT APPLY)

Tenure Area Change		
Expansion	Complete the following:  PART I  PART III  PART IIII: Section B  PART IV  PART V	
Reduction	Complete: PART I PART IV PART V	
Infrastructure		
Addition or Expansion of Infrastructure  Change meets conditions of "Incidental Aquaculture Use" (IAU)	Complete the following:  PART I: Sections A. B, C, E (maps 3 & 4), F & G  PART II: unless Incidental Aquaculture Use  PART III: Section B  PART IV  PART V	
Removal or Reduction of Infrastructure	Complete the following: PART I: Sections A, B, C, E (map 3), F & G PART V	
Culture Type and/or Culture Area		
Addition of new Culture Type or Change to Culture Area	Complete the following:  PART I: Sections A, B, C, E (maps 3 & 4), F & G  PART III: Section B  PART V	
Removal of Culture Type	Complete the following: PART I: Sections A, B, C, E (map 3) F & G PART V	
Species and/or Production		
Addition of Species  OR  Increase in Production greater than approved in shellfish fish management plan	Complete the following: PART I: Sections A, B, C, E PART III: Section A	
Removal of Species	PART I: Sections A, B, C, List Species To Be Removed: PART V	
Substrate Modification	Complete the following: PART I: Sections A, B, C, E (map 3), F, & G PART III: Section B PART V	





#### **PART I - SECTION B: APPLICANT INFORMATION**

V	•

1. Licence Information						
Licensee Name(s):						
Mailing Address:	Telephone:					
	Cell:					
	Fax:					
	Email:					
BC Inc. #, BC Registration # or BC Society #:		Not Applicable				
Physical Business Address:	Physical Business Address:  Same as Mailing Address					
2. Primary Contact Information:		Same as Licensee				
2. Primary Contact Information:  Name:	Telephone:	Same as Licensee				
	Telephone: Cell:	Same as Licensee				
Name:	<u> </u>	Same as Licensee				
Name: Title:	Cell:	Same as Licensee				
Name: Title:	Cell:	Same as Licensee  Not Applicable				
Name: Title: Email:	Cell:					
Name:  Title: Email:  3. Agent/Representative Information:	Cell: Fax:					





## PART I - SECTION C: SITE GENERAL INFORMATION (2)

**DFO Facility Reference Number:** 

2.	. Land File Number:								
3.	3. Navigation Protection Program Number:								
4.	4. Site Common Name:								
PAR	RT I - SECT	TON D: LICENSED AI	REA CHANGE						
1.	Prov		e (if Crown land: O L	Lease O Licence of Occupation					
		er (describe):	Federal Land	Harbour Authority	First Nation Reserve				
2.	GPS coord	linates for the center of	the application area /	, Latitude (DD DD.ddddd):					
tenure (Report in Degree Decimal Minutes):			Minutes):	Longitude (DD DD.ddddd):					
3.	Estimated	Application Area	CURRENTLY LICENSED (hectares)	PROPOSED CHANGE +/- (hectares)	PROPOSED CUMULATIVE TOTAL (hectares)				
		Total Area of Site							
PAR	RT I - SECT	ION E: MAPS, DIAG	RAMS AND ADDIT	IONAL REQUIRED DOCUME	ENTS				
box	neck each to confirm attached		e Mapping Descriptio	cuments. All documents must be ns and Sample Mapping in the G	·				
			tion, noting the location	of 1:50,000 to 1:100,000 indication of significant geographic feature.	-				
	<ul> <li>2. Application Area Map (submit one of the following): <ul> <li>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</li> <li>b) Metes &amp; 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.</li> </ul> </li> </ul>								
		location that clear		Marine chart at the largest scale of all planned infrastructure in reessary).					
	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.								





#### PART I - SECTION F: 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" (<a href="http://www2.gov.bc.ca/gov/content/environment/natural-resource-stewardship/consulting-with-first-nations">http://www2.gov.bc.ca/gov/content/environment/natural-resource-stewardship/consulting-with-first-nations</a>).

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: <a href="http://www2.gov.bc.ca/gov/content/environment/natural-resource-stewardship/consulting-with-first-nations.">http://www2.gov.bc.ca/gov/content/environment/natural-resource-stewardship/consulting-with-first-nations.</a>

Is a summary of information sharing attached? O Yes O No

#### PART I - SECTION G: CULTURE AND INFRASTRUCTURE INFORMATION

1. Culture Type /Area Change:								
CULT	URE TYPE	<b>EXISTING AREA</b> (hectares)	PROPOSED CHANGE (+/-) (hectares)	PROPOSED CUMULATIVE TOTAL (hectares)				
Intertidal Beach Culture								
Deepwater Suspended Culture								
Subtidal On/	In Bottom Culture							
For Subtidal also	a) What is the maximum	m subtidal culture depth	within the proposed application	on area (m)?				
complete:	b) How much of the application area has depths greater than 30 m (hectares)?							

Shellfish aquaculture conditions of licence prohibit the introduction of refuse into the marine environment. Do you have a plan in place to manage your infrastructure, gear and equipment to minimize the generation of debris and ensure any debris generated does not enter the marine environment? 

O Yes O No





#### PART I - SECTION G: CULTURE AND INFRASTRUCTURE INFORMATION CONTINUED:

2. Infrastructure: Complete the table below for all licensed and requested infrastructure. Refer to the approved Shellfish Site Management for details on currently approved structures at the site. Where applicable, note the quantity and dimensions of each structure.

STRUCTURE	CULTURE TYPE	CURRENTLY LICENSED AREA (m²)	PROPOSED CHANGE	DIMENSIONS OF EACH NEW STRUCTURE	PROPOSED TOTAL AREA OF STRUCTURE(S) (m²)
e.g. Culture Rafts	☑ Deepwater	1000	+ 10 rafts	5 m x 5 m	1250
Living Accommodation	Deepwater				
Work Float with Toilet	Deepwater				
Work Float(s)	Deepwater				
Culture Rafts	Deepwater				
	□ Intertidal				
Longlines	☐ Deepwater				
	☐ Subtidal				
	☐ Intertidal				
Predator Netting	☐ Deepwater				
	☐ Subtidal				
Predator Protection	☐ Intertidal				
Tubes	☐ Subtidal				
	☐ Intertidal				
Rack and Bag	☐ Subtidal				
	☐ Intertidal				
Vexar Fencing	☐ Subtidal				
Floating Upweller System (FLUPSY)	Deepwater				
Other (Explain):	□ Intertidal				
	☐ Deepwater				
	Subtidal				





#### PART I - SECTION G: CULTURE AND INFRASTRUCTURE INFORMATION CONTINUED:

3. Proposed Changes to A	ncillary and Navigational Structures:
STRUCTURE	DESCRIPTION OF CHANGE
Site Markings	Replacing 6 red concrete blocks with staked signage
Remote Setting Equipment	
Site Marking	
Navigational Markers	
Anchor blocks	
Other Structures	
4. Proposed Substrate Mo	dification: ?
Describe:	



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

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

## PART II - SECTION A: SITING CONSIDERATIONS ?

applicants must respond	to each consideration and	l may be required to pr	rovide additional inform	ation in some situations

1.	Does your proposal infringe on the riparian rig	O Ye	es O No					
		O Ye	es O No O N/A					
•	Is the intended use consistent with approved and zoning?	O Ye	es 🔘 No					
	Provide the name of the local government(s) for	r the ar	ea ui	nder application:				
	Describe any applicable bylaws or zoning for the proposed area:							
	If <b>No</b> , have you contacted the local governmen	t?			O Ye	es O No		
	Summ	ary of in	nterac	ctions with local government attached:	O Ye	es O No O N/A		
PAF	RT II - SECTION B: ADDITIONAL CROWN	LAND	S IN	FORMATION				
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?							
2.	Is/Are applicant(s) 19 years of age or older?					O Yes O No		
3.	For applications made by more than one indiv	idual:	01	N/A O Joint Tenants OR O Tena	nts in	Common		
4.	Is the applicant a spouse of a provincial empoy	yee?	,	Yes / No				
. ]	the applicant have any other tenures?	Yes /	No	If yes, please list land file number(s	s):			
PAI	RT II - SECTION C: WATER USE							
1.	Will fresh water be diverted or used at the site for the operation of the facility, living	O Yes (Complete Question 2 & 3)						
	accommodations or other purposes?	O No	plan	ned water usage (continue to Part III)				
2.	Fresh water source: (check all that apply)	☐ Gr	ound	Water Surface Water				
	(check all that apply)	Water Source Name:						
3.	Do you have any existing water licences and/or have you submitted any water licence	○ Ye		Application Tracking Number:				
	applications?	0		Licence #:				
		O No						



# PART III – INFORMATION FOR FISHERIES AND OCEANS CANADA (DFO)

The following information along with Part I and Part V is required for the review of the federal Aquaculture Licence application pursuant to the federal *Fisheries Act, Pacific Aquaculture Regulations*.

#### **PART III - SECTION A: PROPOSED SPECIES**

TABLE A:		FIRST YEAR Of	PRODUCTION	SOURCE OF STOCK		тоск
SPECIES NAME	CULTURE TYPE	PRODUCTION  ?	ESTIMATE (t)	Hatchery	Natural Set	Other (complete Table B)
Drop-Down List	Intertidal Deepwater Subtidal					
Drop-Down List	Intertidal Deepwater Subtidal					
Drop-Down List	Intertidal Deepwater Subtidal					
Drop-Down List	Intertidal Deepwater Subtidal					
Drop-Down List	Intertidal Deepwater Subtidal					
Drop-Down List	Intertidal Deepwater Subtidal					
TABLE B: PROVIDE A SHORT D	ESCRIPTION OF "OT	HER " SEED SOUR	CE STOCK BY SPECIES	S AS APPLIC	CABLE:	



#### 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.

1.	Inte	ertidal Culture Operation	ns	Not Applicable	
?	a)	a) Are you proposing to use any temporary or permanent aquaculture structures or equipme install <b>g</b> eoduck tubes or rack and bag structures, etc) in <u>any</u> of the following habitats?			
		?	i.	intertidal stream channels	O Yes ○ No
		?	ii.	eelgrass beds ( <i>Zostera</i> sp.)	○ Yes ○ No
		?	iii.	fish spawning areas	○ Yes ○ No
		?	iv.	SARA listed species, critical habitat, and/or residence	O Yes O No
		If <u>Yes</u> , describe the structure all information is provide		s, habitat and method for installation.Please refer to the Shellfish Guid	
	b)	Will you use a Mechanic	al Cl	am Harvesting Machine or 'stinger' harvest gear in the intertidal?	O Yes O No
?	c)	How will you be accessing	ng th	e proposed area?	

**NOTE:** Please note aquaculture activities may not occur in salt marsh habitat.



2.	De	ep Water/Suspended Culture Operations Not Applicable				
?	a)	Are you proposing to install any aquaculture structures or conduct aquaculture activities (including anchor system placement) in waters shallower than the 10m bathymetric contour?	O Yes O No			
?	b)	Are you proposing to install any aquaculture structures or conduct aquaculture activities (including anchor system placement) in waters deeper than 10m (measured from chart datum) and over any of the following habitats?				
		i. rocky reefs	O Yes ○ No			
		? ii. kelp beds	O Yes ○ No			
		iii. eelgrass beds ( <i>Zostera</i> sp.)	O Yes ○ No			
		iv. fish spawning areas	O Yes ○ No			
		<ul><li>v. glass sponge complexes (Hexactinellidae) and/or coral complexes</li></ul>	O Yes ○ No			
		vi. SARA listed species, critical habitat, and/or residence	○ Yes ○ No			
	If <u>Yes</u> , describe the structures, habitat and method for installation.Please refer to the Shellfish Guide to ensure all information is provided.					
	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.	Suk	btidal On / In-Bottom Culture Operations Not Applicable				
(e.g. bags on bottom, cages, nursery structures, geoduck tubes, predator no		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?				
		(2) i) rocky reefs	O Yes O No			
		ii) kelp beds	O Yes O No			
		iii) eelgrass beds (Zostera sp.)	O Yes O No			
		iv) fish spawning areas	O Yes O No			
		<ul><li>v) glass sponge complexes (Hexactinellidae) and/or coral complexes</li></ul>	O Yes O No			
		i) SARA listed species, critical habitat, and/or residence	O Yes O No			
If <u>Yes</u> , describe the structures, habitat and method for installation.Please refer to the Shellfish Guide to ensall information is provided.						



# 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 *Navigation Protection Act* (NPA) approval.

#### **PART IV - SECTION A: SITING CONSIDERATIONS**

Applicants may be required to provide additional information in some situations.

#### PART IV - SECTION B: ADDITIONAL TRANSPORT CANADA INFORMATION

1.	Waterway Name:						
	Width (m):	Depth Range (m):					
2.	Nearest Community:						
3.	Is this Work: New Existing Modification of Existing Work						
4.	To help with the review process, please include the following if available. Check each box to confirm is attached.						
	Photographs at the site of the proposed/existing work and surrounding area						
	Environmental Assessment documents (if any)						





## PART V – INFORMATION FOR ALL AGENCIES

Incomplete applications will be returned to applicant.

#### **PROVINCIAL FEES:**

Application fees for Crown land tenures are due upon submission. Fees for new applications and amendments to existing tenures are established in the Crown Land Fee regulation – see link

http://www.bclaws.ca/civix/document/id/lc/statreg/177\_2003. Note that the fee structure does not include that taxes that apply.

#### 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 <a href="http://www.frontcounterbc.gov.bc.ca/contact/">http://www.frontcounterbc.gov.bc.ca/contact/</a> or call the toll free number 1-877-855-3222.

**FEDERAL FEES:** <a href="http://www.pac.dfo-mpo.gc.ca/aquaculture/licence-permis/index-eng.html">http://www.pac.dfo-mpo.gc.ca/aquaculture/licence-permis/index-eng.html</a>. Federal fees will be invoiced prior to licensing and are only payable online using the National Online Licensing System.

#### **DISCLOSURE:**

The information you provide may be subject to the following legislation: British Columbia Freedom of Information and Protection of Privacy Act (FOIPPA); 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 (a), (c) and (e) and 27(1) (a) (i) of the FOIPPA. The collection, use, and disclosure of personal information is subject to the provisions of the FOIPPA.

The Province of British Columbia and the federal Fisheries and Oceans Canada 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 Act or the federal Access to Information Act.

Personal information may be disclosed by FrontCounter BC to local, provincial and federal governments; First Nations; and the public on an as needed basis for the purposes of reviewing and processing your inquiry or application(s) under the BC Land Act, BC Fish and Seafood Act, federal Fisheries Act and the federal Navigation Protection Act. The information, with the exception of date of birth, may be posted on a public webpage and may be accessed outside of Canada. Contact information may be accessed and used by FrontCounter BC for survey purposes.

For more information regarding the collection, uses, and/or disclosure of your personal information, please contact: FrontCounter BC at 1-877-855-3222 or at FrontCounter BC Program Director, 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.

**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.\*

I understand that the information supplied will be used and disclosed as described above,

Signature(s) of applicant(s)	Printed name(s) of Applicant(s) or authorized representative*	Date (yyyy/mm/dd)

<sup>\*</sup>If signature is by an authorized representative please supply a letter granting authorization to act on behalf of the applicant.





# Submit completed application, and additional supporting information (if applicable) 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: WestCoast.LandReferrals@gov.bc.ca

Fees: Upon review of your application, you will be notified by FrontCounter

BC of the applicable provincial application fee.

#### **IN PERSON:**

Any FrontCounter BC office.

Visit http://www.frontcounterbc.gov.bc.ca for the location nearest you.

#### **BY MAIL:**

FrontCounter BC, 142-2080 Labieux Road, Nanaimo, BC V9T 6J9

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