



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

PACIFIC MARINE FINFISH 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 the 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

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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

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? Addit	tional Pages or Supporting Material Attached:	○Yes	○ No
	ent:		





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

Tenure Area Change	
Expansion Reduction	Complete the following: PART I PART II PART III: Section C PART IV PART V
Infrastructure	
Addition of Infrastructure Change meets conditions of "Incidental Aquaculture Use" (IAU) Removal	Complete the following: PART I PART II: complete only if does not meet IAU PART III: Sections B (if applicable), C & D PART IV PART V Complete the following: PART III
Species and/or Production	PART V
Species and/or Froduction	
Addition of Species	Complete the following: PART I: Sections A, B & C
Change in Production	PART III : Sections A, C & D PART V
Removal	





PART I - SECTION B1: FEDERAL APPROVAL APPLICANT INFORMATION

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CHECK THIS BOX IF SAME APPLICANT INFORMATION WILL BE USED FOR PROVINCIAL APPROVAL

1. Applicant Type (complete only one type):						
Desirtant Project	Registered Business Name:					
Registered Business	BC Inc. #, B	C Registration # or BC	Society #:			
Individual(s)						
First:	Mic	ldle:	Last	:		
2. Applicant Mailing Address:	·	Telephone:				
		Cell:				
		Fax:				
		Email:				
3. Physical Business Address:		<u>'</u>				
Same as above						
4. Primary Contact Mailing Ad	dress:	Same as above	ve			
		Name:				
		Telephone:	Telephone:			
		Cell:	Cell:			
		Fax:	Fax:			
		Email:	Email:			
5. Agent/Representative Maili	ing Address:	Letter of Author	Letter of Authorization Enclosed:			
	Name:	Name:				
		Telephone:	Telephone:			
	Cell:	Cell:				
	Fax:	Fax:				
	Email:	Email:				





PART I – SECTION B2: PROVINCIAL APPROVAL APPLICANT INFORMATION

(COMPLETE SECTION B2 ONLY IF APPLICANT INFORMATION IS DIFFERENT THAN SECTION

1. Applicant Type (complete o	1. Applicant Type (complete only one type):				
	Registered Business Name:				
Registered Business	Business Num	ber:			
Individual(s)					
First:	Middle	2:	Last:		
2. Applicant Mailing Address:	·	Telephone:			
		Cell:			
		Fax:			
		Email:			
3. Physical Business Address:					
Same as above					
4. Primary Contact Mailing Ad	dress:	Same as above			
		Name:	Name:		
		Telephone:			
		Cell:			
		Fax:			
		Email:			
5. Agent/Representative Mail	ing Address:	Letter of Authorization Enclo	Letter of Authorization Enclosed:		
		Name:			
		Telephone:			
		Cell:	Cell:		
		Fax:	Fax:		
Email:					





PAR	T I – SECTION C: SITE GENERAL INFORMATION					
1.	DFO Facility Reference Number:					
2.	Land File Number:					
3.	Navigation Protection Program Number:					
4.	Site Common Name:					
5.	Pacific Fishery Management Area (PFMA):	Sub Area:				
PAR	T I - SECTION D: LICENSED AREA CHANGE					
1.	. Land Ownership and/or Tenure Type:					
	Provincial Crown Land (if Crown land: Lease Licer Federal Land Private Land Harbour Authority First Nation Reserve Other (describe):	nce of Occupation O Investigative Use Licence)				
2.	GPS coordinates for the center of the application area /	Latitude (DD DD.ddddd):				
	tenure (Report in Degree Decimal Minutes):	Longitude (DD DD.ddddd):				

CURRENTLY

LICENSED (hectares)

PROPOSED CHANGE

(hectares)

Remove

Add

Estimated Application Area

Intensive Use Area of Site

Extensive Use Area of Site

Estimated Total Area of Site

PROPOSED

CUMULATIVE TOTAL

(hectares)





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

Check	Attach the following maps, diagrams and documents in Adobe format (.pdf). They must be submitted with a
each box	title, to scale and be consistent with the other information in this application.
to confirm	Please refer to the Mapping Descriptions and Sample Mapping located in the Guide to Pacific Marine Finfish
attached	Aquaculture. All maps should be provided using CHS Marine Charts unless specified otherwise.
	1. General Location Map: A 1:50,000 to 1:100,000 indicating the general location of area under application, noting the location of significant geographic features, such as a lake, mountain, road, community, etc.
	2. Detailed Location Map: A map with a scale between 1:20,000 and 1:40,000, showing the detailed location of the area under application.
	3. Application Area Map (submit one of the following):
	 (a) Shape file: Attach a shapefile or ".kmz" file, geo-referenced to BC Albers projection (NAD 83), including a reference map with a Point of Commencement (POC); OR (b) Metes & Bounds: A topographic map showing a UTM/latitude and longitude of POC and a
	corresponding text description on a separate piece of paper that describes the metes & bounds of the proposed shape.
	4. Top View Operational Diagram(s):
	 (a) A 1:5000 scale site plan showing proposed change(s) to existing tenure boundaries and: (i) new containment array. If several arrays are proposed, provide one site plan per array; AND/OR (ii) any proposed changes to existing containment array(s). If changes are proposed to several containment arrays, provide one site plan per array; AND
	(b) A single 1:5000 scale site plan showing currently licenced containment array(s) and all proposed additions and/or changes as outlined in 4(a); AND
	(c) A 1:5000 scale site plan for each array showing anticipated final array to be used in licenses. Ensure the diagrams have no colours, cross hatching in any of the pens.
	5. Side View Operational Diagram: A map(s) showing a cross section diagram of the containment array(s) that itemize all structures above the surface and include all underwater structures and the high and low water mark.
	6. Habitat Map: A 1:5000 map showing boundaries of the application area and including habitat characteristics from the habitat assessments.
	7. Intensive Use Area of site (Hectares): Attach a worksheet showing the total Intensive Use Area (IUA) calculation for the infrastructure configuration which occupies the largest IUA.

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" (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: http://www2.gov.bc.ca/gov/content/environment/natural-resource-stewardship/consulting-with-first-nations.

Is a summary of information sharing attached?	O Yes	\bigcirc No
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PART I - SECTION G: INFRASTRUCTURE INFORMATION SECTION G1 – CONTAINMENT ARRAY(S)

1. Proposed changes to Containment Array(s):						
DESCRIPTIONS	CURRENTLY LICENSED	PROPOSED CHANGE ***	PROPOSED CUMULATIVE TOTAL			
CAGE ARRAY	Square Circle	No Changes ☐ Add ☐ Remove ☐ Square ☐ Circle	Square Circle			
QUANTITY						
CONFIGURATION						
DIMENSIONS *						
TOTAL AREA **						
and width of the	lated using the length and outer circle anchoring grid	width of the outside edges, including walkway for circle cages. ently licensed and proposed cumulative total)	ys of a square cage array and the length			
DESCRIPTIONS	CURRENTLY LICENSED	PROPOSED CHANGE ***	PROPOSED CUMULATIVE TOTAL			
CAGE ARRAY	☐ Square ☐ Circle	No Changes Add Remove Square Circle	Square Circle			
QUANTITY						
CONFIGURATION						
DIMENSIONS *						
TOTAL AREA **						
DESCRIPTIONS	CURRENTLY LICENSED	PROPOSED CHANGE ***	PROPOSED CUMULATIVE TOTAL			
CAGE ARRAY	Square Circle	No Changes Add Remove Square Circle	Square Circle			
QUANTITY						
CONFIGURATION						
DIMENSIONS *						
TOTAL AREA **						





PART I SECTION G1 – CONTAINMENT ARRAY(S) CONTINUED: (7)

DESCRIPTIONS	CURRENTLY LICENSED	PROPOSED CHANGE ***	PROPOSED CUMULATIVE TOTAL
CAGE ARRAY	Square Circle	No Changes ☐ Add ☐ Remove Square ☐ Circle	Square Circle
QUANTITY			
CONFIGURATION			
DIMENSIONS *			
TOTAL AREA **			
and width of the	llated using the length and outer circle anchoring grid	width of the outside edges, including walkwa for circle cages. ently licensed and proposed cumulative total	
DESCRIPTIONS	CURRENTLY LICENSED	PROPOSED CHANGE ***	PROPOSED CUMULATIVE TOTAL
CAGE ARRAY	Square Circle	No Changes Add Remove Square Circle	Square Circle
QUANTITY			
CONFIGURATION			
DIMENSIONS *			
TOTAL AREA **			
DESCRIPTIONS	CURRENTLY LICENSED	PROPOSED CHANGE ***	PROPOSED CUMULATIVE TOTAL
CAGE ARRAY	Square Circle	No Changes Add Remove Square Circle	Square Circle
QUANTITY			
CONFIGURATION			
DIMENSIONS *			
TOTAL AREA **			





PART I - SECTION G2: ANCILLARY AND NAVIGATIONAL STRUCTURES

2.	Proposed Ancillary and Navigational Structure For applications with more than one cage are Aquaculture Application.		ew ancillary sec	ction in the Guide t	o Marine Finfish
	DESCRIPTION	PROPOSED CHANGE	QUANTITY	DIMENSIONS (m)	TOTAL AREA (m²)
е.	g. Feed barge	☐ Add <u>or</u> ☑ Remove	1	40m x 30 m	1450m²
		Add Remove			
		Add Remove			
		Add Remove			
		Add Remove			
		Add Remove			
		Add Remove			
		Add Remove			
		Add Remove			
		Add Remove			
		Add Remove			
		Add Remove			
		Add Remove			
Вι	uoys	Add Remove			
Aı	nchor Blocks	Add Remove			
M	ooring lines	Add Remove			
O	ther				



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 may be required to provide additional information in some situations

1.	1. Does your proposal infringe on the riparian rights of an upland owner?					
	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:					
	Describe any applicable bylaws or zoning for the proposed area:					
	If <u>No</u> , have you contacted the local government?		O Yes	O No		
	Summary of interactions with local government attached:	O Yes	O No	O N/A		
3.	Is the site situated greater than 1 km in all directions from a First Nations reserve?		O Yes	O No		
	If "No", written support from the First Nation(s) is attached:	O Yes	O No	O N/A		
4.	Is the site situated greater than 1 km in a direct line of sight from existing federal parks, region district parks, provincial parks, marine protected areas, and conservancies (or approved proposer these)?		O Yes	O No		
	If No, have you contacted the relevant agency?		O Yes	O No		
	Summary of correspondence with governing agency enclosed:	O Yes	O No	O N/A		
5.	Is the site situated greater than 1 km from ecological reserves smaller than 1000 ha or approve proposals for ecological reserves smaller than 1000 ha?	∍d	O Yes	O No		
	Summary of communication with BC Parks is attached:	O Yes	O No	O N/A		



PART II - SECTION A: SITING CONSIDERATIONS CONTINUED:

6.	Is the site situated greater than 1 km from the mouth of an anadromous salmonid-bearing stream determined as significant by the Province?						O No		
	Supporting documents is attached:							O N/A	
	Provide the title of the supporting document(s	s) attached	d:	•	,				
7.	Is the intended use consistent with a local ar	O Yes	O No	O N/A					
	Identify the relevant plan(s) and describe any applicable sections of those plans for the proposed area:								
	Provide details of communications and relevant correspondence with your application.								
PA	RT II - SECTION B: ADDITIONAL CROW	N LAND	S IN	IFORMATION					
1.	Are all applicants Canadian Citizens or Perma or if a corporation, registered partnership, co				registered in	BC?	O Yes	O No	
2.	Is/Are applicant(s) 19 years of age or older?						O Yes O No		
3.	. For applications made by more than one individual: O N/A O Joint Tenants OR O Tenants in Common								
4.	Is the applicant a spouse of a provincial emp	oyee?	,	Yes / No					
) the applicant have any other tenures?	Yes /	No	If yes, please list land	file(s):				
PA	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 (Com	plete Question 2 & 3)					
	accommodations or other purposes?	O No planned water usage (continue to Part III)							
2.	Fresh water source: Ground Water Surface Water (check all that apply)								
Water Source Name:									
3.	Do you have any existing water licences	O Yes	Ар	plication Tracking Numb	er:				
	and/or have you submitted any water licence applications?		Lice	ence Number:					
	○ 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: CULTURED SPECIES AND PRODUCTION

Check all species that you intend to culture and estimate the Combined Peak Biomass in metric tonnes (t).								
SPECIES COMMON NAME	CURRENTLY LICENSED	ADD	REMOVE					
Atlantic salmon								
Chinook salmon								
Coho salmon								
Sablefish								
Rainbow trout								
*Other:				PROP CUMULAT				
Combined Peak Biomass (t):								
*If "Other" species are requested, see g	guidebook for more	details.						
PART III - SECTION B: DOMESTIC	WASTE MANAG	EMENT						
COMPLETE THIS SECTION IF APPLYING	FOR A NEW SITE OF	R MODIFYING LIVING	G ACCOMMODATIO	N TO AN EXIS	TING SITE			
Is there a floating living accommod Provide description of domestic set			application area?					
Provide description of domestic se	Provide description of domestic sewage treatment works:							
2. Location of the sewage discharge point (include depth of outfall line):								



PART III - SECTION C: WILD FISH, FISH HABITAT AND SITING CONSIDERATIONS



NOTE: Qualified professionals must conduct the habitat assessment and sediment sampling survey(s) and reporting.

IS ATTACHED	NOT REQUIRED	DOCUMENT (C	heck each box to	confirm that documents are attached)							
C1 MODELING	ODELING & CURRENTS										
		1.1 Diagram(s) of prediction(s) at maximum feed rate (1g, 5g and 10g contour)									
		1.2 Diagram(s) of prediction(s) at average feed rate (1g, 5g and 10g contour)									
		1.3 Summary to	ables and results								
		1.4 Current Dat	ta								
C2 FISH AND F	H AND FISH HABITAT SURVEYS										
		2.1 Nearshore	Survey								
		2.2 Deepwater	Survey								
C3 SEDIMENT	SAMPLING										
		* Check "NOT I	REQUIRED" if sub	strate cannot be sampled							
C4 SENSITIVE	AND CRITICAL HAB	SITAT SURVEY(S) O	R DATA								
IS ATTACHED	ТҮРЕ		IS ATTACHED	ТҮРЕ							
	Stream survey			Glass sponge complexes							
	Historic herring	g spawn	Shellfish beds								
	Marine Mammal usage area Abalone										
	Eelgrass beds			Lingcod							
	Kelp beds			Rockfish rearing/nursery areas							
C5 REFERENCE	STATION DATA										
		Video data an	d Sediment Sam	pling							
PART III - SEC	TION D: MANA	GEMENT PLAN	S								
The following fa	acility managemer	nt plans <u>must be at</u>	ttached to your a	pplication. Check each box to confirm is attached.							
IS ATTACHED	PLAN										
	D1 INVENTORY PLAN - A 24 month Inventory Plan for all licensed species including biomass and age class.										
	D2 CONTAINMENT ARRAY MANAGEMENT PLAN - describes the structural operational components and location of compliance monitoring stations.										
	D3 HEALTH MANAGEMENT PLAN (HMP) - outlines the actions or procedures that operator must use at a facility to meet fish health requirements.										
	D4 ESCAPE PF			outlines the infrastructure and practices employed to ed fish into the marine environment.							
	D5 MARINE MAMMAL INTERACTION MANAGEMENT PLAN - describes measures to deter and minimize predator interactions.										

NOTE: Upon approval, the CONTAINMENT ARRAY AND HEALTH MANAGEMENT PLANS will be incorporated into the Conditions of Licence.



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

Waterway Name:							
Width (m):	Depth Range (m):						
Nearest Community:							
Is this Work: New Existing Modification of Existing Work							
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)							
	Width (m): Nearest Community: Is this Work: New Existing To help with the review process, please include the Photographs at the site of the proposed/existin						





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 http://www.frontcounterbc.gov.bc.ca/contact/ or call the toll free number 1-877-855-3222.

FEDERAL FEES: http://www.pac.dfo-mpo.gc.ca/aquaculture/licence-permis/index-eng.html. 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) or authorized representative	Printed name(s) of Applicant(s) or authorized representative*	Date (yyyy/mm/dd)

PACIFIC MARINE FINFISH AQUACULTURE AMENDMENT APPLICATION EFFECTIVE DATE: OCTOBER 18, 2017

^{*}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



DIMENSIONS *

TOTAL AREA**



FOR INTERNAL USE ONLY (DO NOT COMPLETE THIS PAGE IF FILLING IN APPLICATION ELECTRONICALLY)

	(DO NOT CO	MPLETE THIS PA	GE IF I	FILLING IN A	(PP	LICATION ELEC	CIR	ONICALLY)		
Site Information:										
Site Common Nan	ne									
DFO Facility Re	ference Number	Land	d File N	umber		Intensive Us Area of Site (h	_	Extensive U Area of Site		Total Area (ha)
Proposed Cage Ar	Proposed Cage Arrays:									
DESCRIPTION	CAGE ARRAY 1	CAGE ARRAY 2	CAG	E ARRAY 3	C	AGE ARRAY 4	CA	AGE ARRAY 5	CAC	GE ARRAY 6
QUANTITY										
CONFIGURATION										

Proposed Ancillary and Navigational Structures:

DESCRIPTION			
QUANTITY			
DIMENSIONS *			
TOTAL AREA**			

NOTE: Only first 5 rows of the Anicillary strucutures are listed here, remainder on page 9 of the application.

^{*}Dimensions (m OR m2) for each structure

^{**} Total Area including all walkways or area between circular cages