



AQUACULTURE LICENCE

Aquaculture and
Commercial Fisheries
Branch

2500 Cliffe Avenue
Courtenay BC V9N 5M6
Ph: 250-897-7540
Fax: 250-334-1410

Licence Number: 104812

Effective Date: 2010/02/11

Expiry Date: 2010/12/18

Pursuant to the *British Columbia Fisheries Act* sections 13(5) and 14(2)

LICENCE HOLDER B.C. Pacific Oysters Ltd.
1525 29th Avenue W
Vancouver BC V6J 2Z1
ATTENTION: B.C. Pacific Oysters Ltd.

is authorized to carry on the business of aquaculture at the following location:

REFERENCE	LOCATION AND LEGAL DESCRIPTION
756	Hardy Island, Jervis Inlet UF, Group 1 Jervis Inlet New Westminster District. Land File #2402982

subject to the Conditions attached.

COMPLIANCE ADVISORY	Contravening a condition of this licence is an offence under the <i>Fisheries Act</i> , and may result in any or all of prosecution, suspension of the licence, revocation of the licence, and refusal of future licences.
TERM OF LICENCE	This licence is valid from the effective date to the expiry date.
DATE OF ISSUE	2010/05/03

GROWOUT	Licensed Production by Species
Species:	Gallo Mussel (<i>Mytilus galloprovincialis</i>): 94.5 tonnes Eastern Blue Mussel (<i>Mytilus edulis</i>): 94.5 tonnes Geoduck Clam (<i>Panope abrupta</i>): 54 tonnes Western Blue Mussel (<i>Mytilus trossulus</i>): 94.5 tonnes
Total Licensed Production of All Species per Annum:	148.5 t
Maximum Raft Area:	3600 m ²
Minimum Annual Site Production:	35588 \$/yr

Per

Minister of Agriculture and Lands



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Conditions

I. General

The licence holder must

- a) culture or husband only those species described on the face of the licence (the "cultured species");
- b) take reasonable precautions to prevent the escape of the cultured species when transporting them on, over or through water;
- c) ensure that the cultured species are given care and attention consistent with their biological requirements;
- d) undertake at the holder's expense, reasonable and lawful husbandry practices necessary for (a) preventative predator control and (b) disease control, including that required by competent governmental authorities;
- e) advise the Aquaculture Operations Branch at the address shown on the face of the licence within a reasonable time of any change in the holder's (a) address (b) telephone or facsimile machine number or electronic mailing address, and (c) contact person and that person's telephone, radio telephone, facsimile machine number or electronic mailing address;
- f) complete and submit the Annual Aquaculture Statistical Report (AASR) to the Aquaculture Operations Branch at the address shown on the face of the licence; and,
- g) comply with all laws applicable to the activities carried out under this licence.

Advisory: Web Links:

MAL Fisheries and Aquaculture site: <http://www.agf.gov.bc.ca/fisheries/index.htm>

Bona Fide information: http://www.sbr.gov.bc.ca/documents_library/bulletins/sst_050.pdf

II. Total Maximum Production

The licence holder must ensure that the sum of the weight of all production from all licensed species does not, in any calendar year, exceed the *Total Licensed Production of All Species per Annum* described on the face of the licence.

III. Maximum Raft Area

The licence holder must ensure that the total area of rafts do not, at any time during the licence term,



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exceed the Maximum Raft Area (in square metres) described on the face of the licence.

"*Maximum Raft Area*" is the total surface area (m^2) occupied by all growout rafts, including, but not limited to, floating upwelling systems and all other floating nursery and plant cultivation systems. It is calculated according to the formula:

$$\text{Sum of } [(length \text{ of raft in metres}) \times (width \text{ of raft in metres})]$$

IV. Maximum Production by Species

The licence holder must ensure that the weight of all production of each of the licensed species does not, in any calendar year, exceed the *Maximum Production by Species* described on the face of the licence.

V. Minimum Production

The licence holder must ensure that, five years from the date the site was first licensed, the average annual production from the site, averaged over three consecutive years of annual production, is not less than the annual Minimum Production described on the face of the licence.

VI. Shellfish General Conditions

The licence holder must:

- a) Confine all operations to within the boundaries of the licensed area.
- b) Not place any improvements or carry out any activity on the licensed area that impacts the riparian rights of a private upland owner without first obtaining that upland owner's permission to do so.
- c) Provide reasonable public access around and through the licensed area.
- d) Seek and obtain all required additional authorizations before any foreshore modification, fill (i.e. addition of sand or gravel), or dredging is undertaken.
- e) Maintain the farm site and infrastructure in a clean, safe and orderly state.
- f) Ensure that vehicle and vessel usage does not unduly damage marine vegetation, animals or their habitat.
- g) Restrict noise and light levels to those required to conduct culture and harvesting activities.
- h) Use sound suppression devices on machinery and ensure that these devices are well maintained.
- i) Employ operational practices that minimize farm odours.
- j) Ensure that released bio-fouling does not accumulate and impact the seabed.
- k) Not undertake destructive predator control without authorization from Fisheries and Oceans Canada.

VII. Geoduck

With respect to geoduck aquaculture, the licence holder or person acting on behalf of the licence holder must:

Immediately upon receipt of this licence and before any harvest, mark the tenure boundaries of the licensed area in the following manner,

for all subtidal areas, with 25 lb. cement blocks spaced every 50 meters and bounded by sinking ground



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line. Boundary marking must be maintained and visible at all times.

for all intertidal areas, with the industry standard red concrete blocks as specified in the Ministry Memorandum of July 8, 2005 'Regarding Standardized Marking of Shellfish Farms'.

Not begin seeding any subtidal areas for the first time, until authorization has been obtained in writing by the Ministry of Agriculture and Lands (MAL). Authorization to begin seeding will not be granted by MAL until:

an opportunity is afforded to a geoduck harvester(s) licensed and approved by Fisheries and Oceans Canada (DFO) to conduct a pre-seed harvest. If a pre-seed harvest is undertaken, the duration of the fishery shall be determined by MAL in consultation with DFO, and after tissue samples from 100 individual geoducks have been collected from wild stocks within the licensed area.

Before harvesting geoduck from the site for the first time, submit and receive approval in writing for a harvest plan acceptable to MAL in consultation with DFO. Upon approval of the harvest plan MAL (or its designate) will provide the licensee with a GEODUCK AQUACULTURE HARVEST NOTIFICATION, GEODUCK TAG INVENTORY RECORD, GEODUCK AQUACULTURE LANDING LOGBOOK AND SERIAL NUMBERED TAGS.

Notify MAL and DFO 72 hours prior to any geoduck harvest. A completed Geoduck Aquaculture Harvest Notification is to be used for this purpose. All contacts identified on the notification form are to receive a facsimile or electronic mail copy of the notification. Licensees must submit an amended Notification if their harvest plans change.

Attach a completed Serial Numbered Tag to each container of harvested geoducks on the vessel or beach where harvested, prior to movement off the licensed area. Serial Numbered Tags are to be obtained in advance of harvest from MAL (or its designate). The tags are to be visible and remain in the containers of harvested geoducks until delivered to a registered shellfish processing plant. Disposition of tag numbers must be recorded on a Geoduck Tag Inventory Record. Geoduck Tag Inventory Records must be kept up to date and are to be made available for inspection by Fisheries Inspectors upon request. Lost or stolen tags are to be reported to MAL immediately.

Complete an approved Geoduck Aquaculture Landing Logbook form for each shipment landed. A copy of the completed landing log must accompany each shipment of harvested geoducks from the vessel or beach landing site to the processing plant. Licensees are responsible for ensuring a scale, legal for trade, is used to obtain accurate weights of geoducks landed. A copy of each day's Landing Logbook form(s) must be faxed to the Fisheries Statistics Unit in Victoria within 24 hours of product landing. Hardcopies of Landing Logbook forms are to be submitted to the Fisheries Statistics Unit quarterly as per Logbook instructions.

Note all information contained on Serial Numbered Tags, the Geoduck Tag Inventory Record or the Geoduck Aquaculture Landing Logbook may be shared with DFO and used for enforcement purposes.