

FOR INTERNAL USE			
File Number:	1415360	Project Number:	848983
Disposition Number:		Client Number:	

## PACIFIC MARINE FINFISH AQUACULTURE NEW SITE APPLICATION

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

### PART I – GENERAL INFORMATION

#### PART I - SECTION A: SUMMARY

Provide a general overview of the proposed project and rational for site selection:



Akvafuture Salmon Ltd. is applying for authorization to operate a closed containment Level 2 salmon farm, as defined in the 2024 Marine Finfish Conditions of Licence. The farm will be located in Neroutsos Inlet immediately northwest of Jeune Landing which is within the Traditional Territory of the Quatsino First Nation. The Quatsino First Nation is fully supportive of the proposed operation and has provided a Band Council Resolution in the form of a letter of intent.

The proposed farm will consist of eight 48m x 48m pods, each containing a 120m circle pen, in a 1 x 8 array. The requested licenced biomass is 5,000MT. The pods are comprised of solid walls isolating the cultured salmon from the marine environment. Each pod has a system that separates organic material (particulate feed and feces) from the effluent exiting the bottom of the pod which is subsequently conveyed to a filtration system located on one of the two barges associated with the farm. The resulting biosolids will be stored on the barge until such time as they are transported to a facility to be used for biofuel, and/or for soil enhancement purposes, both of which are considered to be representative of the circular economy. There will be a 131m long floating walkway/dock on the shore side of the array which will not be connected to the upland in this phase of the project.

The farm's primary source of power is the BC Hydro power grid (BC Hydro project #4982243) and will be conveyed to the farm from the shoreline by a submarine cable (utility line). There are two options for the location of the utility line. The first is beneath the walkway/dock and the second is from the point of land to the northwest of the pod, running to the southeast to connect to one of the two barges. (see top view diagram). Four diesel generators are on site for backup power in case of a power disruption.

Each generator services two pods and is associated with a diesel tank with a 500-litre capacity. Each generator/tank combination is situated in an enclosed building and each tank is located within containment with a capacity of 110% of the tank. A single 5,000 - 10,000 litre diesel tank is located within one of the two barges which is used to fill up the 400 litre tanks when necessary. It also has a 110% of tank capacity containment system.

Fish feed is stored on one of the barges and oxygen may be generated from the feed storage barge as well.

The treated effluent outfall line will be in a fixed location as it will be tethered to one of the anchor lines running from the array in a SW direction towards the middle of Neroutsos Inlet, terminating at 30m depth, as shown in the side view and end view diagrams.

A land-based phase of the operation is also being considered which will include infrastructure to support the marine operation, however additional logistic studies are required prior to committing to this phase. This application is solely focused on the marine-based operation.

**PART I - SECTION B1: FEDERAL APPROVAL APPLICANT INFORMATION**

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

<b>1. Applicant Type (complete only one type):</b>		
<input checked="" type="checkbox"/> Registered Business	Registered Business Name: Akvafuture Salmon Ltd	
	BC Inc. #, BC Registration # or BC Society #: BC1386819	
<input type="checkbox"/> Individual(s)		
First:	Middle:	Last:
<b>2. Applicant Mailing Address:</b>		
1042 Cedar Street Campbell River, BC V9W 7E2		Telephone:
		Cell: (250) 203-0142
		Fax:
		Email: dean@akvafuture.no
<b>3. Physical Business Address:</b>		
1042 Cedar Street Campbell River, BC V9W 7E2		
<input type="checkbox"/> Same as above		
<b>4. Primary Contact Mailing Address:</b>		
<input checked="" type="checkbox"/> Same as above		
Name: Dean Trethewey		
Telephone:		
Cell:		
Fax:		
Email:		
<b>5. Agent/Representative Mailing Address:</b>		
Letter of Authorization Enclosed: <input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A		
Name: Bernie Taekema		
Telephone:		
Cell: (778) 269-3932		
Fax:		
Email: bernietaekema@gmail.com		

**PART I – SECTION B2: PROVINCIAL APPROVAL APPLICANT INFORMATION**

(COMPLETE SECTION B2 ONLY IF APPLICANT INFORMATION IS DIFFERENT THAN SECTION B1)

<b>1. Applicant Type (complete only one type):</b>			
<input type="checkbox"/> Registered Business	Registered Business Name:		
	BC Inc. #, BC Registration # or BC Society #:		
<input type="checkbox"/> Individual(s)			
First:		Middle:	Last:
<b>2. Applicant Mailing Address:</b>		Telephone:	
		Cell:	
		Fax:	
		Email:	
<b>3. Physical Business Address:</b>			
<input type="checkbox"/> Same as above			
<b>4. Primary Contact Mailing Address:</b>		<input type="checkbox"/> Same as above	
		Name:	
		Telephone:	
		Cell:	
		Fax:	
		Email:	
<b>5. Agent/Representative Mailing Address:</b>		Letter of Authorization Enclosed: <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	
		Name:	
		Telephone:	
		Cell:	
		Fax:	
		Email:	

## PART I - SECTION C: SITE GENERAL INFORMATION

1. Geographic Location of Site:	Neroutsos Inlet - Quatsino Sound		
2. Site Common Name:	Jeune Landing		
3. Estimated Application Area (hectares):	78.20	Intensive Use Area of site (hectares):	9.15
		Extensive Use Area of site (hectares):	69.05
4. Land Ownership and/or Tenure Type:	<input checked="" type="checkbox"/> Provincial Crown Land Tenure (if Crown land: <input type="radio"/> Lease <input checked="" type="radio"/> Licence of Occupation <input type="radio"/> Investigative Use Licence) <input type="checkbox"/> Private Land <input type="checkbox"/> Federal Land <input type="checkbox"/> Harbour Authority <input type="checkbox"/> First Nation Reserve <input type="checkbox"/> Other (describe):		
5. Is the application area surveyed?	<input type="radio"/> Yes – Provide Legal Description of site (e.g. Land District and Lot Number):  <input checked="" type="radio"/> No – include metes and bounds on map as outlined below		
6. GPS coordinates for the center of the application area/tenure (Report in Degree Decimal Minutes):	Latitude (DD DD.ddddd): 50 27.134 Longitude (DD DD.ddddd): 127 30.903		
7. Pacific Fishery Management Area (PFMA):	27	Sub Area:	8
8. Canadian Hydrographic Service Chart (CHS) Marine Chart Number:	3681 (CA570246)		

## 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? ☐ Yes ☒ No



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

Check each box to confirm attached	Attach the following maps, diagrams and documents in Adobe format (.pdf). They must be submitted with a title, to scale and be consistent with the other information in this application. Please refer to the Mapping Descriptions and Sample Mapping located in the Guide to the Pacific Marine Finfish Aquaculture Application. All maps should be provided using CHS Marine Charts unless specified otherwise.
<input checked="" type="checkbox"/>	1. <b>General Location Map:</b> A 1:50,000 to 1:100,000 scale map indicating the general location of area under application, noting the location of significant geographic features, such as island(s), named waterbodies, community, etc.
<input checked="" type="checkbox"/>	2. <b>Detailed Location Map:</b> A map with a scale between 1:20,000 and 1:40,000, showing the detailed location of the area under application.
<input checked="" type="checkbox"/>	3. <b>Application Area Map (submit one of the following):</b> (a) <b>Shape file:</b> 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) <b>Metes &amp; Bounds:</b> 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.
<input checked="" type="checkbox"/>	4. <b>Top View Operational Diagram(s):</b> A 1:5000 site plan depicting the proposed tenure boundary and all proposed containment arrays. If several containment arrays are proposed, provide one diagram per array.
<input checked="" type="checkbox"/>	5. <b>Side View Operational Diagram:</b> 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.
<input checked="" type="checkbox"/>	6. <b>Habitat Map:</b> A 1:5000 map showing boundaries of the application area and including habitat characteristics from the habitat assessments.
<input checked="" type="checkbox"/>	7. <b>Intensive Use Area of site (Hectares):</b> Attach a worksheet showing the total Intensive Use Area (IUA) calculation for the infrastructure configuration which occupies the largest IUA.

### PART I - SECTION F: INFRASTRUCTURE INFORMATION (Provide information on all site improvements).

1. Operation Type:	<input type="checkbox"/> Net Cage	<input checked="" type="checkbox"/> Other (explain):	closed containment with solid walls			
2. Will artificial lighting be used on the site?	<input type="radio"/> No	<input checked="" type="radio"/> Yes	Frequency:	180d	Duration:	24h/d
3. Proposed Containment Array(s):						
CAGE ARRAY TYPE	QUANTITY	CONFIGURATION	DIMENSIONS (m) ?	TOTAL AREA (m <sup>2</sup> ) ?		
e.g. <input type="checkbox"/> Square or <input checked="" type="checkbox"/> Circle	8	2 x 4	120m	27500		
e.g. <input checked="" type="checkbox"/> Square or <input type="checkbox"/> Circle	12	2 x 6	30m x 30m	13500		
* <input checked="" type="checkbox"/> Octagon <input type="checkbox"/> Circle	8	1 x 8	48m x 48m	18,432		
<input type="checkbox"/> Square <input type="checkbox"/> Circle						
<input type="checkbox"/> Square <input type="checkbox"/> Circle						

\* Each 48m x 48m octagon pod contains a 120m circumference circular pen.

**PART I - SECTION F: INFRASTRUCTURE INFORMATION CONTINUED:**
**4. Proposed Ancillary and Navigational Structures:**

For applications with more than one cage array proposed, please review ancillary section in the Guide to the Pacific Marine Finfish Aquaculture Application.

DESCRIPTION	QUANTITY	DIMENSIONS (m)	TOTAL AREA (m <sup>2</sup> )
<i>e.g. Accommodations OR Feed barge OR Mort tote</i>	1	40m x 30m	1450
<i>e.g. work float</i>	3	10m x 10m	300
Barge (feed, back-up power system)	1	40 x 30	1,200
Barge (effluent treatment, liquid oxygen)	1	40 x 30	1,200
Floating Walkway	1	116 x 3	348
Dock	1	15 x 10	150
Utility float	2	20 x 20	800
Intake pipe - 4/pen 24m long x 120cm diameter	32		
Effluent line - 152m long x 63cm diameter	1		
Utilities line - power/oxygen Opt A 131m length	1		
Utilities line - power/oxygen Opt B 263m length	1		
Buoys	24		
Anchor Blocks	15		
Mooring lines	40		
Other: rock pins (stainless steel)	20		

## 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 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 infringe on the riparian rights of an upland owner?		<input type="radio"/> Yes <input checked="" type="radio"/> No
Letter of upland owner consent enclosed:		<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A
2. Is the intended use consistent with approved local government bylaws for land use planning and zoning?		<input type="radio"/> Yes <input checked="" type="radio"/> No
Provide the name of the local government(s) for the area under application: Regional District of Mount Waddington		
Describe any applicable bylaws or zoning for the proposed area: Presently zoned MAR-1. Application to rezone site for aquaculture activities has been submitted to the RDMW.		
If <u>No</u> , have you contacted the local government?		<input checked="" type="radio"/> Yes <input type="radio"/> No
Summary of interactions with local government attached:		<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A
3. Is the site situated greater than 1 km in all directions from a First Nations reserve?		<input checked="" type="radio"/> Yes <input type="radio"/> No
If "No", written support from the First Nation(s) is attached:		<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A
4. Is the site situated greater than 1 km in a direct line of sight from existing federal parks, regional district parks, provincial parks, marine protected areas, and conservancies (or approved proposals for these)?		<input checked="" type="radio"/> Yes <input type="radio"/> No
If <u>No</u> , have you contacted the relevant agency?		<input type="radio"/> Yes <input type="radio"/> No
Summary of correspondence with governing agency enclosed:		<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A
5. Is the site situated greater than 1 km from ecological reserves smaller than 1000 ha or approved proposals for ecological reserves smaller than 1000 ha?		<input checked="" type="radio"/> Yes <input type="radio"/> No
Summary of communication with BC Parks is attached:		<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> 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?		<input checked="" type="radio"/> Yes <input type="radio"/> No
Supporting documents is attached:		<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A
Provide the title of the supporting document(s) attached: 		
Stream survey report		
7. Is the intended use consistent with a local area Land Use Plan or Marine Plan?		 <input checked="" type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A
Identify the relevant plan(s) and describe any applicable sections of those plans for the proposed area: 2004 Quatsino Sound Coastal Plan (Province of BC).		
Provide details of communications and relevant correspondence with your application. Unit 7 Port Alice of the report rates finfish aquaculture as conditionally acceptable - applications should be accompanied by an assessment of species suitability to existing water quality. No correspondence with province occurred as assessment by applicant deems water quality is suitable for proposed finfish aquaculture.		

## 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?		<input checked="" type="radio"/> Yes <input type="radio"/> No
2. Is/Are applicant(s) 19 years of age or older?		<input checked="" type="radio"/> Yes <input type="radio"/> No
3. For applications made by more than one individual:	<input checked="" type="radio"/> N/A <input type="radio"/> Joint Tenants <u>OR</u> <input type="radio"/> Tenants in Common	
4. Is the applicant a spouse of a provincial employee?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
5. Does the applicant have any other tenures?	<input type="radio"/> Yes <input checked="" type="radio"/> No	If yes, please list land file number(s):

## PART II - SECTION C: WATER USE

1. Will fresh water be diverted or used at the site for the operation of the facility, living accommodations or other purposes?	<input type="radio"/> Yes (Complete Question 2 & 3)	
	<input checked="" type="radio"/> No planned water usage (continue to Part III)	
2. Fresh water source: (check all that apply)	<input type="checkbox"/> Ground Water 	<input type="checkbox"/> Surface Water
	Water Source Name:	
3. Do you have any existing water licences and/or have you submitted any water licence applications?	<input type="radio"/> Yes	Application Tracking Number:
		Licence Number:
	<input checked="" type="radio"/> 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*.

If applying for a licence as an individual, submit date(s) of birth:

Applicant 1:	Date of Birth (yyyy/mm/dd):
Applicant 2:	Date of Birth (yyyy/mm/dd):

### 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).			
PROPOSED	SPECIES COMMON NAME	SPECIES SCIENTIFIC NAME	
<input checked="" type="checkbox"/>	Atlantic salmon	<i>Salmo salar</i>	
<input type="checkbox"/>	Chinook salmon	<i>Onchorhyncus tshawytscha</i>	
<input type="checkbox"/>	Coho salmon	<i>Onchorhyncus kisutch</i>	
<input type="checkbox"/>	Sablefish	<i>Anaplopoma fimbria</i>	
<input type="checkbox"/>	Rainbow trout	<i>Onchorhyncus mykiss</i>	
<input type="checkbox"/>	*Other:		
<b>Proposed Combined Peak Biomass:</b> ➡		5,000.00	Metric Tonnes

\*If "Other" species are requested, see guidebook for more details.

### PART III – SECTION B: DOMESTIC WASTE MANAGEMENT

COMPLETE THIS SECTION IF APPLYING FOR A NEW SITE OR MODIFYING LIVING ACCOMMODATION TO AN EXISTING SITE	
<p><b>1. Is there a floating living accommodation within the marine waters of the application area?</b> Provide description of domestic sewage treatment works:</p> <p>Yes there is floating living accommodation. Septic tank with 48 hour retention time, solids screening, and discharge at depth.</p>	<input checked="" type="radio"/> Yes  <input type="radio"/> No
<p><b>2. Location of the sewage discharge point (include depth of outfall line):</b> Outfall extending from rear of feed barge and terminating a minimum of 15m beneath the surface.</p>	



### 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 (Check each box to confirm that documents are attached)	
<b>C1 MODELING &amp; CURRENTS</b>			
<input checked="" type="checkbox"/>		1.1 Diagram(s) of prediction(s) at maximum feed rate (1g, 5g and 10g contour)	
<input checked="" type="checkbox"/>		1.2 Diagram(s) of prediction(s) at average feed rate (1g, 5g and 10g contour)	
<input checked="" type="checkbox"/>		1.3 Summary tables and results	
<input checked="" type="checkbox"/>		1.4 Current Data	
<b>C2 FISH AND FISH HABITAT SURVEYS</b>			
<input checked="" type="checkbox"/>		2.1 Nearshore Survey	
<input checked="" type="checkbox"/>		2.2 Deepwater Survey	
<b>C3 SEDIMENT SAMPLING</b>			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	* Check "NOT REQUIRED" if substrate cannot be sampled	
<b>C4 SENSITIVE AND CRITICAL HABITAT SURVEY(S) OR DATA</b>			
IS ATTACHED	TYPE	IS ATTACHED	TYPE
<input checked="" type="checkbox"/>	Stream survey	<input checked="" type="checkbox"/>	Glass sponge complexes
<input checked="" type="checkbox"/>	Historic herring spawn	<input checked="" type="checkbox"/>	Shellfish beds
<input checked="" type="checkbox"/>	Marine Mammal usage area	<input checked="" type="checkbox"/>	Abalone
<input checked="" type="checkbox"/>	Eelgrass beds	<input checked="" type="checkbox"/>	Lingcod
<input checked="" type="checkbox"/>	Kelp beds	<input checked="" type="checkbox"/>	Rockfish rearing/nursery areas
<b>C5 REFERENCE STATION DATA</b>			
<input checked="" type="checkbox"/>		Video data and Sediment Sampling	

### PART III - SECTION D: MANAGEMENT PLANS

The following facility management plans <u>must be attached</u> to your application. Check each box to confirm is attached.	
IS ATTACHED	PLAN
<input checked="" type="checkbox"/>	<b>D1 INVENTORY PLAN</b> - A 24 month Inventory Plan for all licensed species including biomass and age class.
<input checked="" type="checkbox"/>	<b>D2 CONTAINMENT ARRAY MANAGEMENT PLAN</b> - describes the structural operational components and location of compliance monitoring stations.
<input checked="" type="checkbox"/>	<b>D3 HEALTH MANAGEMENT PLAN (HMP)</b> - outlines the actions or procedures that operator must use at a facility to meet fish health requirements.
<input checked="" type="checkbox"/>	<b>D4 ESCAPE PREVENTION AND RESPONSE PLAN</b> - outlines the infrastructure and practices employed to prevent the escape of cultured fish into the marine environment.
<input checked="" type="checkbox"/>	<b>D5 MARINE MAMMAL INTERACTION MANAGEMENT PLAN</b> - 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

1. Waterway Name: Neroutsos Inlet	
Width (m): 1,700.00	Depth Range (m): 0 - 180
2. Nearest Community: Port Alice	
3. Is this Work:	<input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> Modification of Existing Work
4. To help with the review process, please include the following if available. Check each box to confirm is attached.	
<input checked="" type="checkbox"/> Photographs at the site of the proposed/existing work and surrounding area	
<input checked="" type="checkbox"/> 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](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](mailto: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

*Dean Trethewey*

Printed name(s) of Applicant(s)  
or authorized representative\*

Dean Trethewey

Date

12-Dec-2024

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

## Submit completed application and supporting information:

### 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](mailto:WestCoast.LandReferrals@gov.bc.ca)

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://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 APPLICATION DOES NOT IN ANY MANNER CONVEY ANY RIGHTS TO USE OR OCCUPY CROWN LAND AND/OR CONDUCT REQUESTED ACTIVITIES**



127°50'W

127°40'W

127°30'W

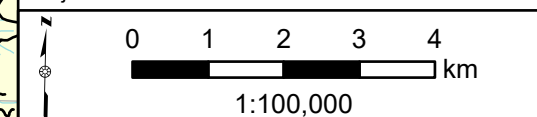
127°20'W



## Jeune Landing





### General Location

Date Exported: 12/13/2024 BCGS: 92L.043  
Projection: BC Albers NAD83 Nautical Chart: 3679



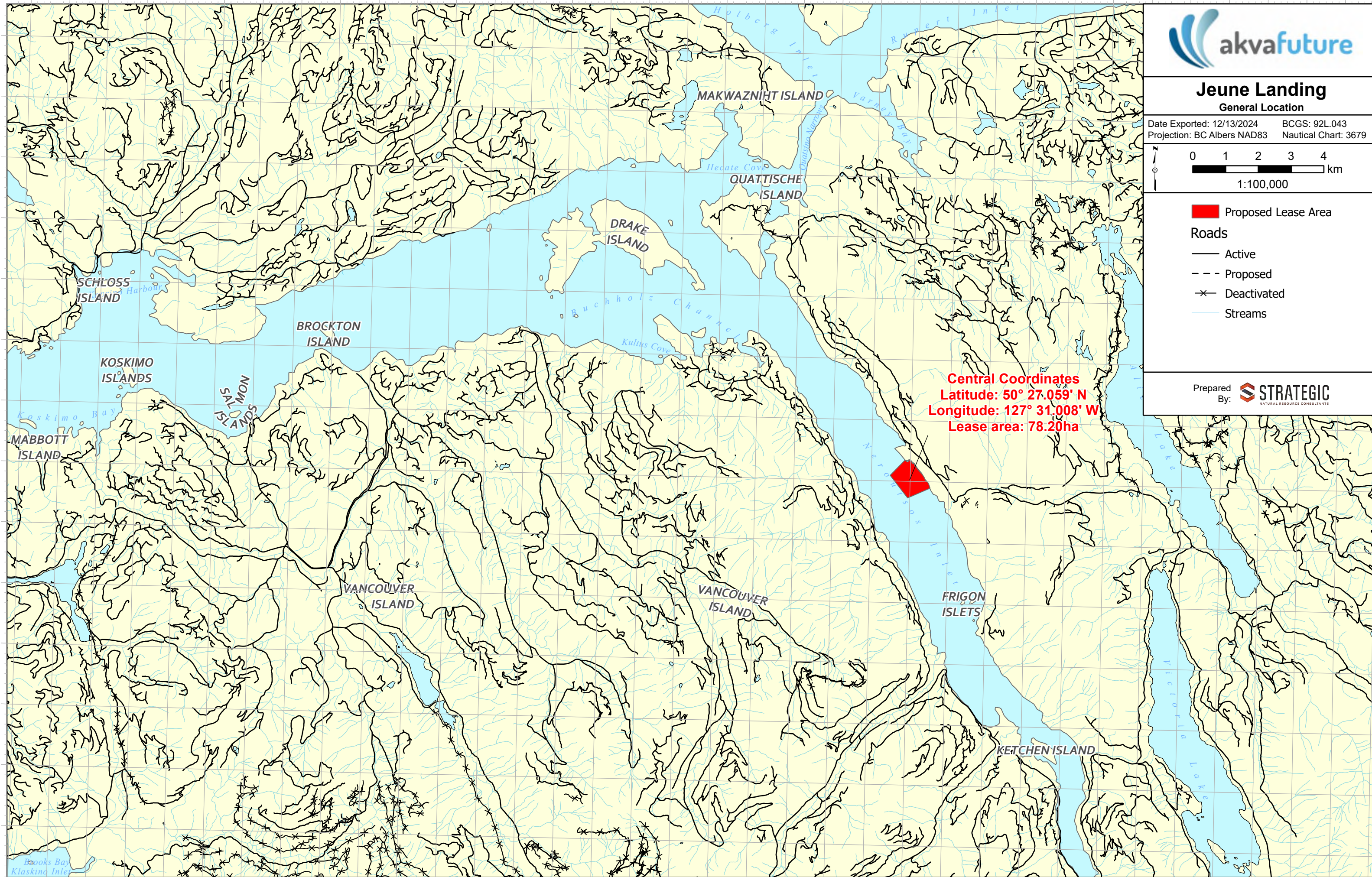
 Proposed Lease Area

### Roads

-  Active
-  Proposed
-  Deactivated
-  Streams

Prepared By:  STRATEGIC  
NATURAL RESOURCE CONSULTANTS

**Central Coordinates**  
**Latitude: 50° 27.059' N**  
**Longitude: 127° 31.008' W**  
**Lease area: 78.20ha**



127°50'W

127°40'W

127°30'W

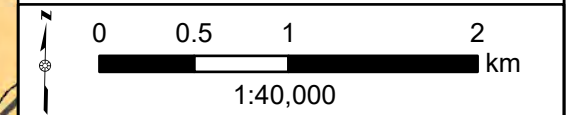
127°20'W



## Jeune Landing

Detailed Location

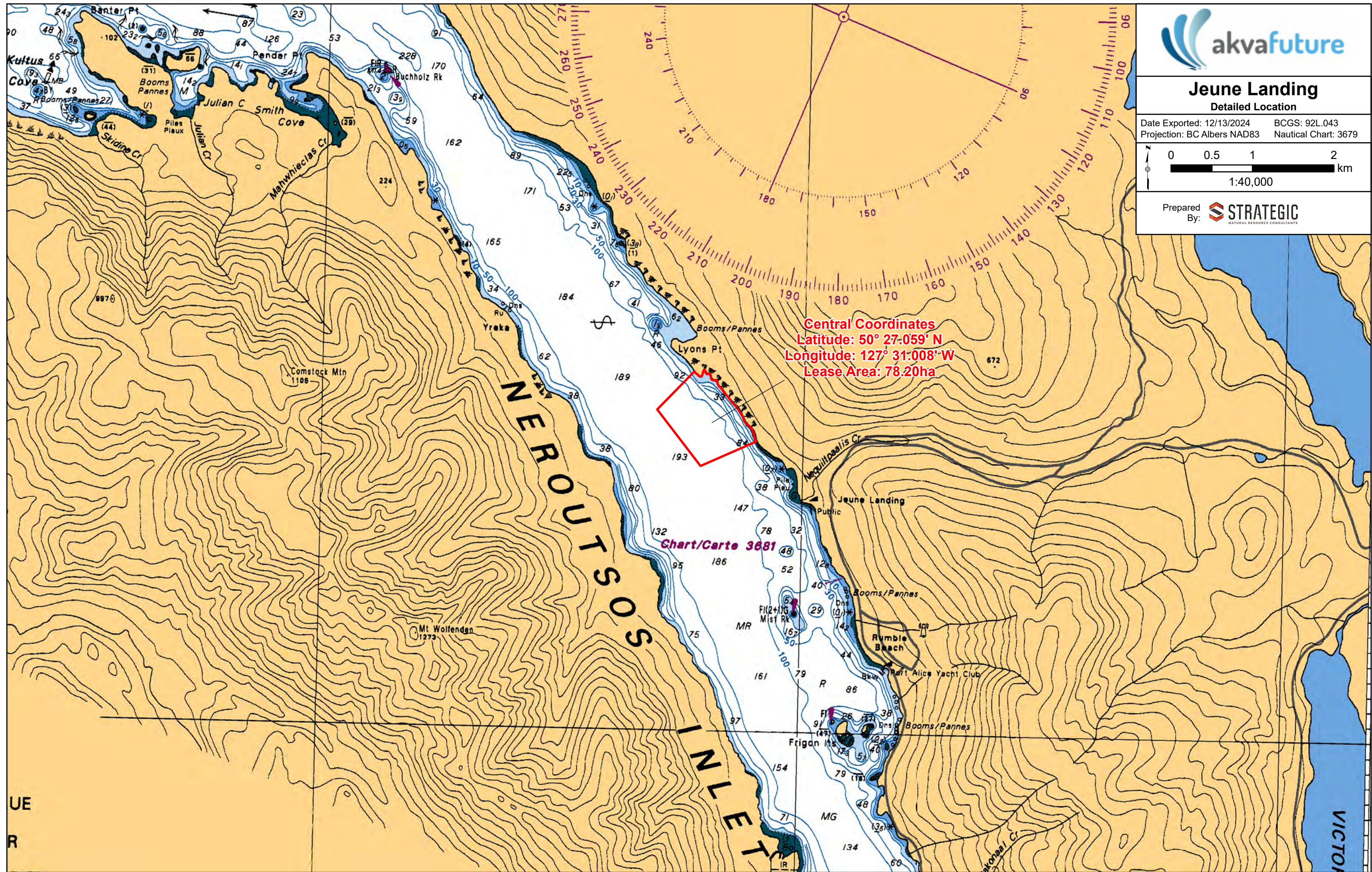
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Projection: BC Albers NAD83 Nautical Chart: 3679



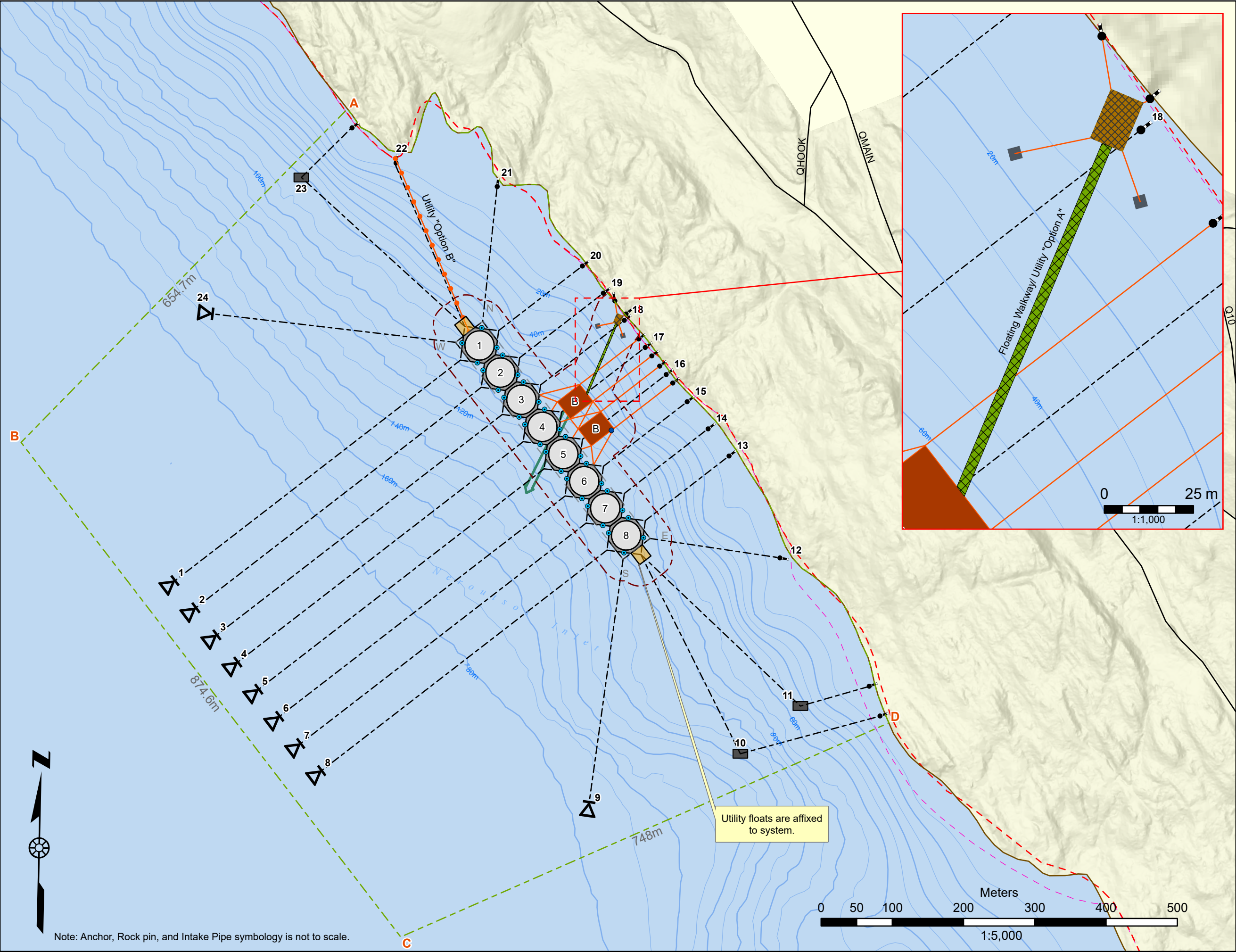
Prepared By:  **STRATEGIC**  
NATURAL RESOURCE CONSULTANTS

**Central Coordinates**  
**Latitude: 50° 27:059' N**  
**Longitude: 127° 31:008' W**  
**Lease Area: 78.20ha**

Chart/Carte 3681







**Jeune Landing**  
**Proposed Site Plan**

Date Exported: 5/15/2025      BCGS: 92L.043  
Projection: BC Albers NAD83      Nautical Chart: 3679

Proposed Lease Coordinates

Point	Latitude	Longitude
A	50° 27.373' N	127° 31.138' W
B	50° 27.116' N	127° 31.517' W
C	50° 26.748' N	127° 31.054' W
D	50° 26.918' N	127° 30.481' W

Proposed Lease Area: 78.2ha

- Intensive Use

Proposed Lease

Array Extent
- Floats

Barge

Dock

Walkway/Utility Option "A"

Utility Float

Cage
- Anchors

Block

Plow

Rockpin

Dock
- 120m Enclosed Circle

Barge outflow

Intake Pipes

Cage Mooring

Float Mooring

Low Water (CHS)

High Water (CHS)

Coastline (Water TRIM)

Active Road

Filtered Effluent Pipe

Utilities Option "B"

Note: Anchor, Rock pin, and Intake Pipe symbology is not to scale.

Proposed Cage Anchor Coordinates

Anchor #	Type	Latitude	Longitude
1	Anchor	50° 27.014' N	127° 31.331' W
2	Anchor	50° 26.994' N	127° 31.305' W
3	Anchor	50° 26.973' N	127° 31.28' W
4	Anchor	50° 26.953' N	127° 31.254' W
5	Anchor	50° 26.933' N	127° 31.229' W
6	Anchor	50° 26.913' N	127° 31.203' W
7	Anchor	50° 26.893' N	127° 31.178' W
8	Anchor	50° 26.872' N	127° 31.152' W
9	Anchor	50° 26.853' N	127° 30.834' W
10	Anchor	50° 26.892' N	127° 30.656' W
11	Anchor	50° 26.929' N	127° 30.586' W
12	Rock Pin	50° 27.041' N	127° 30.617' W
13	Rock Pin	50° 27.116' N	127° 30.679' W
14	Rock Pin	50° 27.136' N	127° 30.705' W
15	Rock Pin	50° 27.156' N	127° 30.73' W
16	Rock Pin	50° 27.176' N	127° 30.756' W
17	Rock Pin	50° 27.196' N	127° 30.781' W
18	Rock Pin	50° 27.217' N	127° 30.807' W
19	Rock Pin	50° 27.237' N	127° 30.832' W
20	Rock Pin	50° 27.257' N	127° 30.858' W
21	Rock Pin	50° 27.315' N	127° 30.959' W
22	Rock Pin	50° 27.331' N	127° 31.08' W
23	Anchor	50° 27.321' N	127° 31.191' W
24	Anchor	50° 27.216' N	127° 31.293' W

Proposed Array Extent Coordinates

Corner	Latitude	Longitude
N	50° 27.222' N	127° 30.971' W
S	50° 27.029' N	127° 30.801' W
E	50° 27.052' N	127° 30.757' W
W	50° 27.199' N	127° 31.016' W

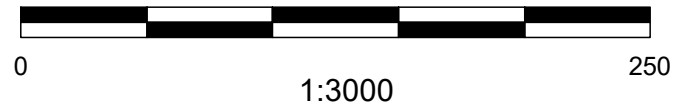




# Jeune Landing

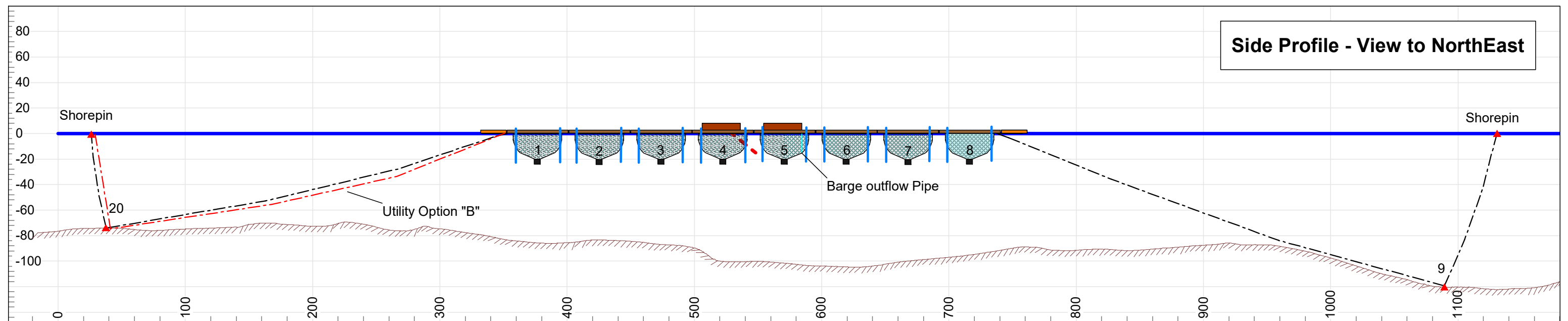
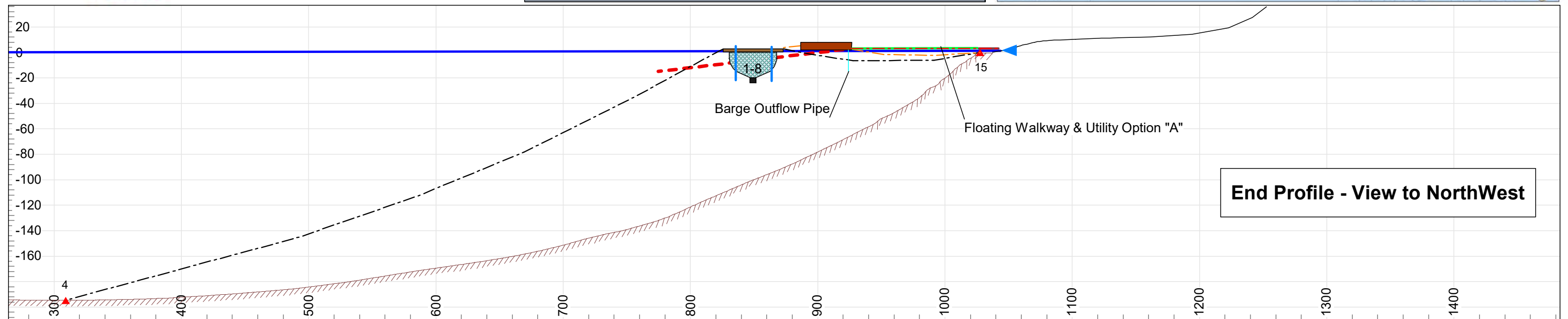
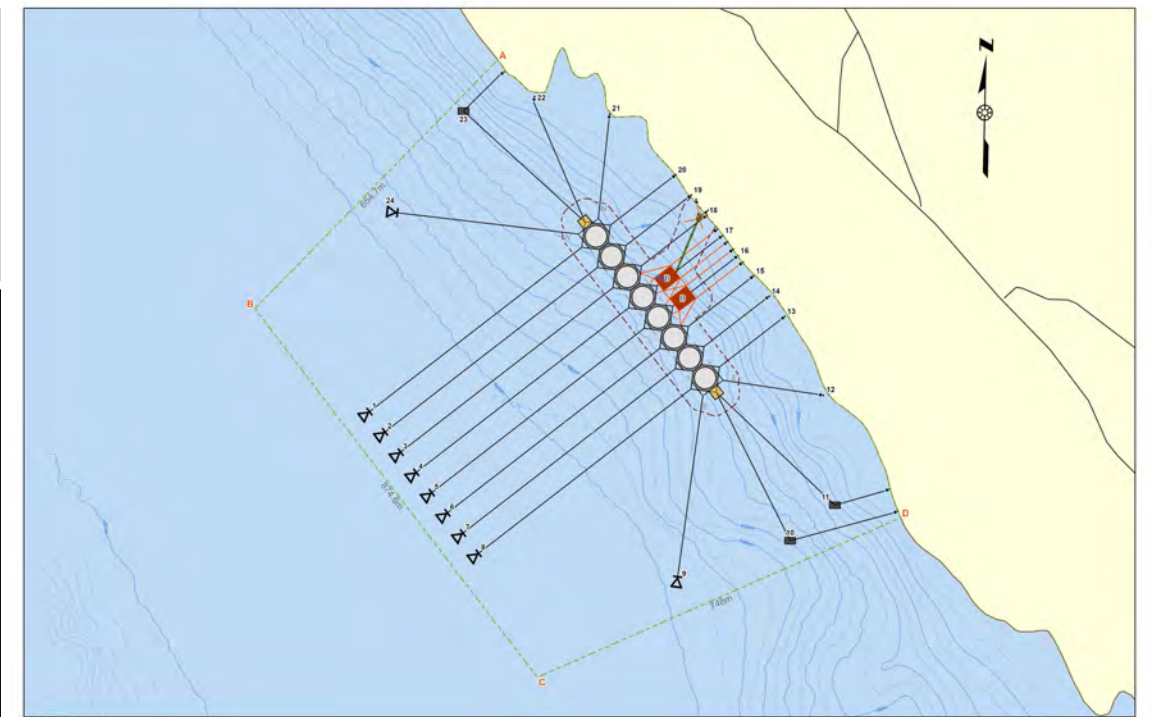
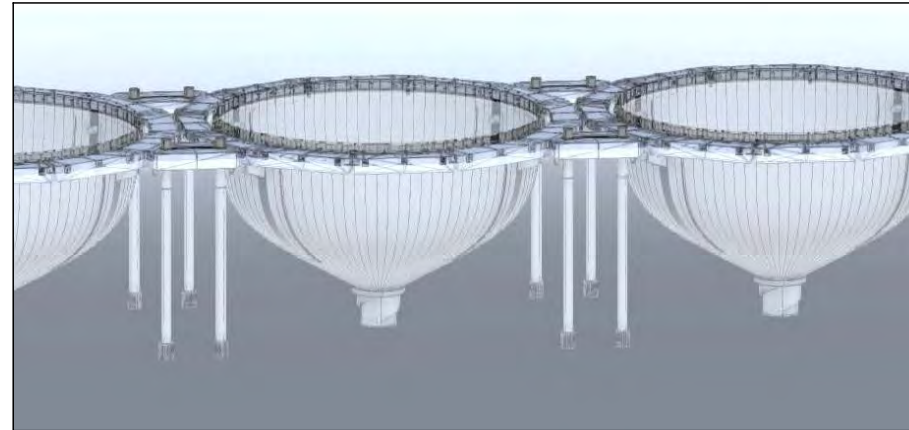
## Topographic System Profiles

120m Enclosed Circle Cage



Prepared by: **STRATEGIC** 25/05/15

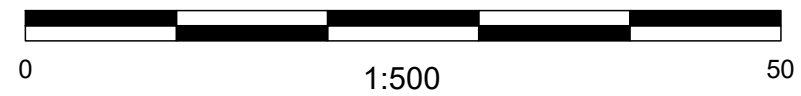
	Anchors		Float Mooring Line
	Avlop		Ocean Floor
	Intake Pipe		Water Surface
	Barge Outflow Pipe		Utility Line Options
	Barge		High Water Mark
	Utility Float		Filtered Effluent Pipe
	Cages		Floating Walkway
	Cage Mooring Line		Dock





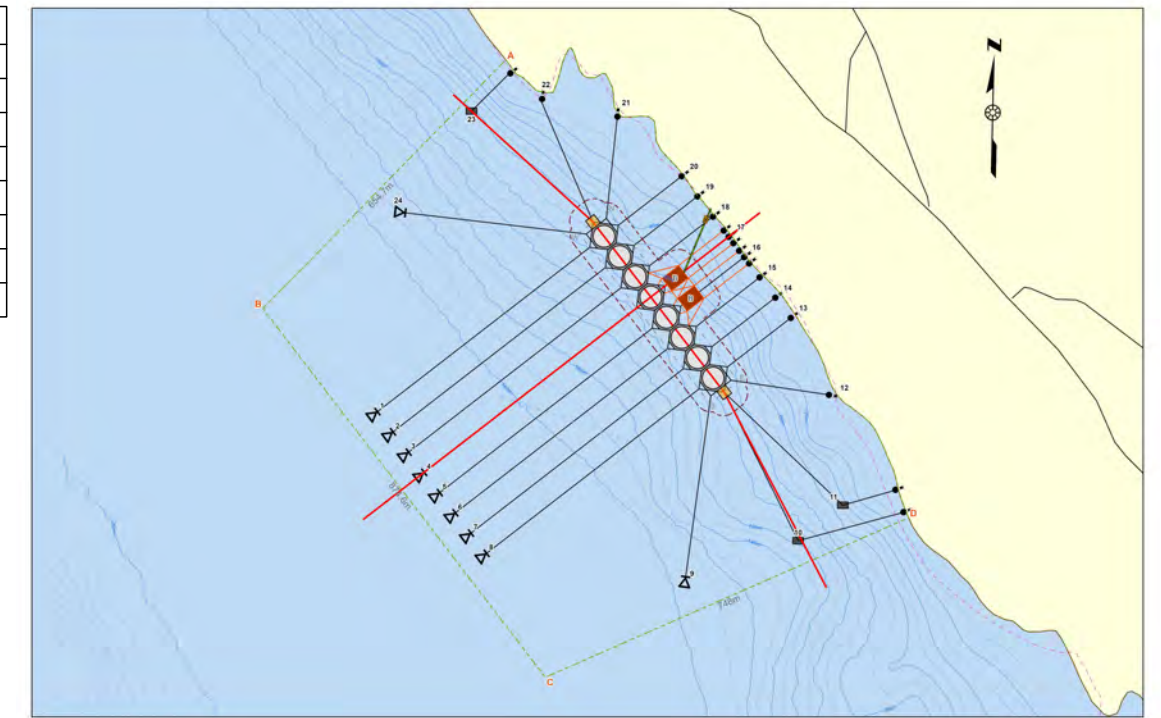
# Jeune Landing

## Topographic System Profiles Floating Walkway, Dock, & Utility Option "A"

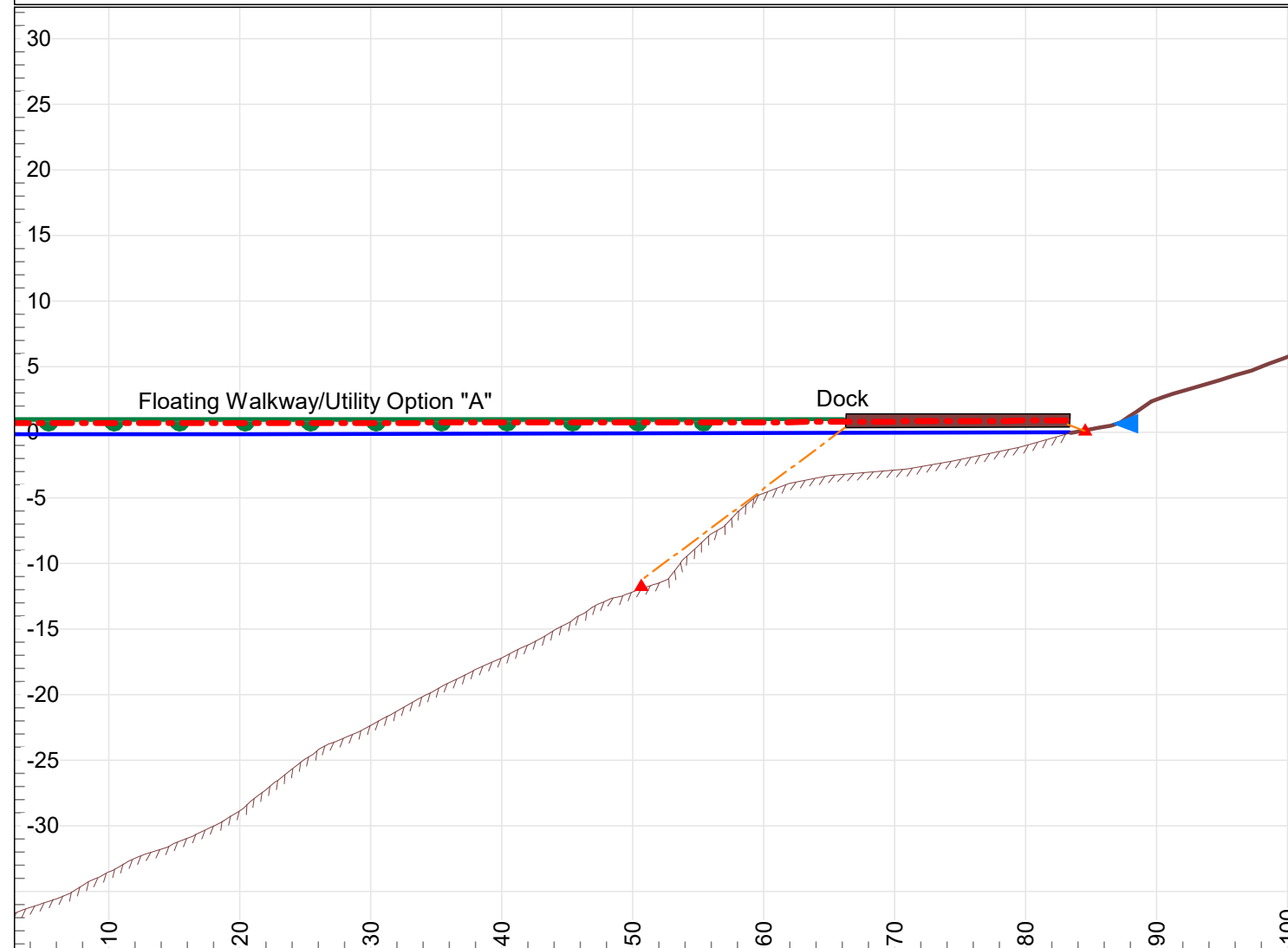


Prepared by: 25/05/12

Legend	
	Anchors
	Dock
	Float Mooring Line
	Utility Line Option "A"
	Ocean Floor
	Water Surface
	Floating Walkway
	Highwater mark



### Side Profile - View to NorthWest



### End Profile - View to Northeast





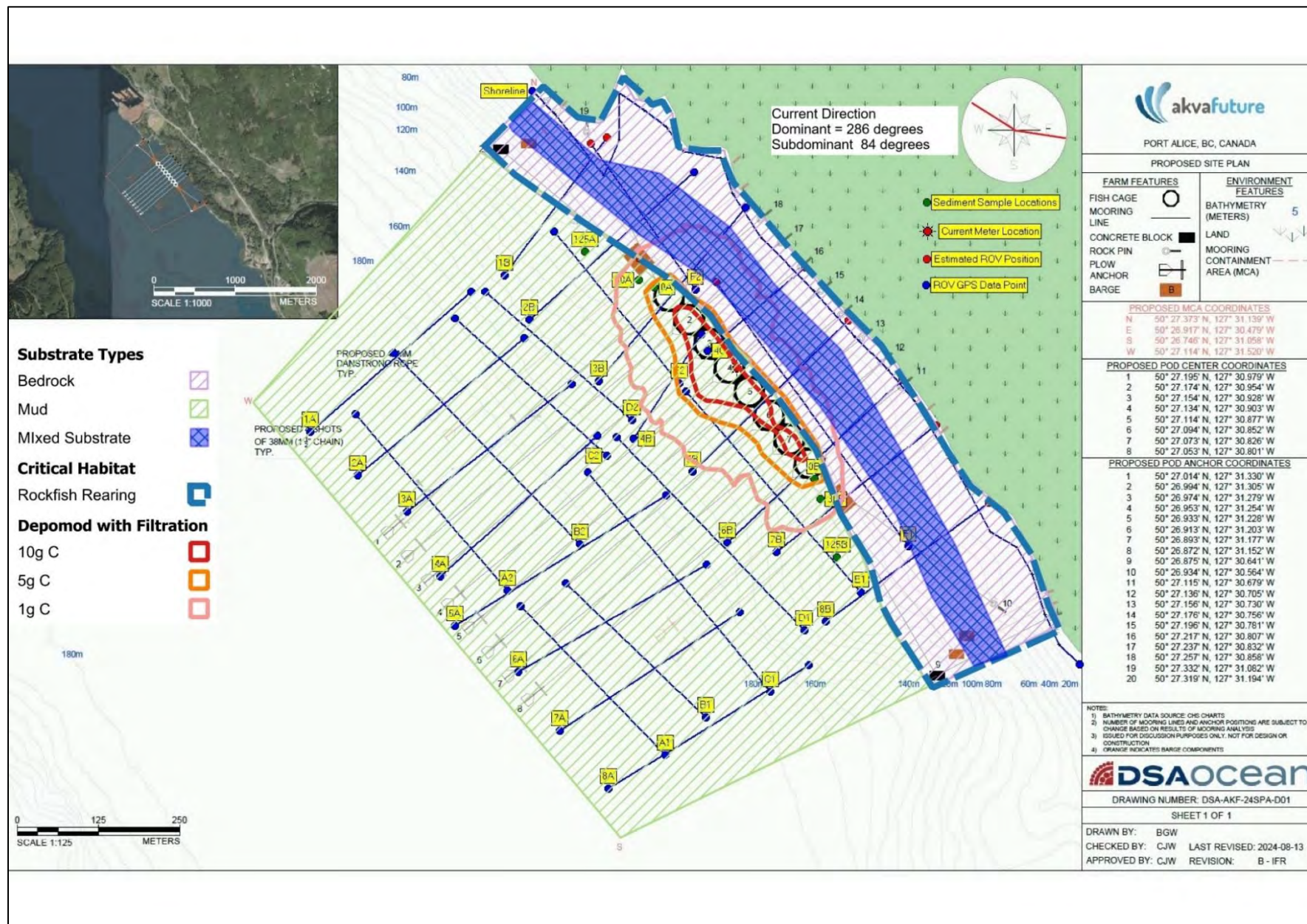


Figure 10: A summary mapping showing the fish and fish habitat identified during the baseline fish and fish habitat assessment at the proposed Juene Landing finfish aquaculture site (with filtration) between August 21 and September 5, 2024.