

## Public Notice – Administrative Application Posted

These documents have been submitted with respect to an administrative aquaculture licence / lease application. The information in these documents is provided as part of the routine disclosure of information by the Department of Fisheries and Aquaculture (the “Department”). Some information may be redacted as business confidential information or personal information.

These documents were provided to the Department by the applicant (with the exception of the attached Schedule “A” which was generated by the Department). The Department is not responsible for the content of these documents, including, but not limited to, the accuracy, reliability, or currency of the information contained within.

<b>Applicant:</b> K&H Capital	<b>Type of Application:</b> Assignment
<b>Application File Number:</b> AQ#1157	<b>Species:</b> Blue mussel, European oyster, Giant sea scallop, Bay scallop
<b>Location:</b> Mahone Bay, Lunenburg County	<b>Method of Cultivation:</b> Suspended
<b>Application Received On:</b> July 9, 2024	

To learn more about the aquaculture lease and license application process, please visit

<https://novascotia.ca/fish/aquaculture/licensing-leasing/Aqua-Licensing-and-Leasing-Overview.pdf>

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# Aquaculture Assignment Application

Licence/Lease No: #0055 / #1157

## Current licence/lease holder (Assignor):

Applicant: Tina Dauphinee Contact Person: Tina Dauphinee  
K+H Capital  
Nova Scotia Registry of Joint Stocks Number: 3283488

Revenue Canada Business Number: [REDACTED]

Telephone No. (Work): \_\_\_\_\_ (Home): \_\_\_\_\_ (Cell): [REDACTED]

Fax No.: \_\_\_\_\_ E-mail: tinadauphinee@hotmail.com

Mailing Address: 221 Carnoustie Dr.  
Hammonds Plains, NS Postal Code: B4B 0E5

Civic Address: Same as above  
Postal Code: \_\_\_\_\_

## Proposed licence/lease holder (Assignee):

Applicant: Blaine Bond Contact Person: Blaine Bond  
Nova Scotia Registry of Joint Stocks Number: 3022466

Revenue Canada Business Number: [REDACTED]

Telephone No. (Work): \_\_\_\_\_ (Home): \_\_\_\_\_ (Cell): [REDACTED]

Fax No.: \_\_\_\_\_ E-mail: blainebond6@icloud.com

Mailing Address: 89 Look off drive, East Chester NS  
Postal Code: B0J1T0

Civic Address: Same as above  
Postal Code: \_\_\_\_\_



## Application Materials

A complete application includes the following:

- Assignment fee (payable to Minister of Finance) according to Section 77 of the Aquaculture Licence and Lease Regulations for Nova Scotia made under Section 64, Chapter 25 of the Acts of 1996, *the Fisheries and Coastal Resources Act*
- Application Form
- Development Plan from proposed licence/lease holder (assignee)
- Copy of up-to-date Shareholder's Registers which sets out the shareholdings of the companies (if applicable) for both the assignee and assignor

## Public Notice and Disclosure

As part of the process for deciding on an aquaculture application, the Nova Scotia Department of Fisheries and Aquaculture ("Fisheries and Aquaculture") will disclose application information to other government bodies, including, if applicable, the Nova Scotia Aquaculture Review Board for use at an adjudicative hearing relating to the application.

In accordance with departmental policy, which seeks to promote public involvement in the process for deciding on aquaculture applications, Fisheries and Aquaculture may disclose application information – not including, however, personal or business confidential information – on the departmental website.

## Privacy Statement

The personal and business confidential information collected as part of an aquaculture application will only be used or disclosed by Fisheries and Aquaculture for the purpose of deciding on the application.

All application information collected is subject to the Freedom of Information and Protection of Privacy Act ("FOIPOP") and will only be used or disclosed in accordance with FOIPOP.

By signing and submitting this form, I acknowledge that I have read, understand, and accept the above statements regarding the collection, use, and disclosure of the information provided on this form.

Signature of Assignor

Date

March 20, 2024

Signature of Assignee

Date

March 20, 2024

Signature of Nova Scotia Department of Fisheries and  
Aquaculture Designate

Date

April 16, 2024

Submit completed applications to:

Nova Scotia Department of Fisheries and Aquaculture, Aquaculture Division  
1575 Lake Road, Shelburne, NS B0T 1W0  
E-mail: [aquaculture@novascotia.ca](mailto:aquaculture@novascotia.ca)

# SCHEDULE A



## Aquaculture Site 1157

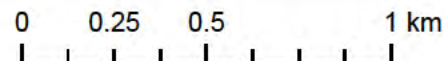
Corner	Latitude	Longitude
1	44° 30' 01.587"	-64° 17' 53.047"
2	44° 29' 58.048"	-64° 17' 45.487"
3	44° 29' 56.159"	-64° 17' 30.181"
4	44° 29' 46.406"	-64° 17' 38.107"
5	44° 29' 51.806"	-64° 17' 49.627"
6	44° 29' 54.928"	-64° 18' 01.327"
Centre	44° 29' 54.780"	-64° 17' 45.660"

DATUM NAD 83 CSRS UTM Zone 19  
The above coordinates are not from a legal survey



License/Lease Holder	County	Waterbody	Hectares	Species Type	Culture Type	Chart
Long Reef Shellfish	Lunenburg	Mahone Bay	14.44	Shellfish	Suspended Culture	4381

Assignment Application	Other Proposed Lease
Other Issued Lease	Site In Registry



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Date: 2025-03-10 Page 3 of 20 Created By: MK



# SCHEDULE A



## Aquaculture Site

**1157**

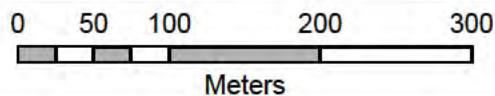
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- Assignment Application
- Property Boundary



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Date: 2025-03-10  
Created By: MK

Version 4 Long Reef Shellfish  
Development Plan  
Aquaculture Licence and Lease 1157

Date: June 24, 2025

Mr. Blaine E. Bond  
Phone: [REDACTED]  
Email: [blainebond6@icloud.com](mailto:blainebond6@icloud.com)  
89 Look Off Drive  
East Chester, NS B0J1J0

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## **Section 1: Project Overview**

As a sea farmer, I intend to acquire site 1157 for cultivating giant sea scallops. My future plans include blue mussels, European oysters, and sugar kelp. My plan includes establishing a land-based processing and packing facility which is set to become operational in 2026. This facility will cater to local markets, restaurants, and a storefront for selling our products. The main technological advancements that will benefit my business is a mussel cleaning machine, along with other machines for increasing production, distribution, packing, vacuum sealing, and food-grade dry grinding and drying. These facilities will be located at Martin's point on site 1157 and expand to land-based operations at 11 Minnow Pond Lane in the future. With over 20 plus years of experience in the aquaculture industry, I am equipped with knowledge and skills needed to maximise the potential of a marine site. In the following section, I will delve into my production plan for site 1157.



## Section 2: Production Plan

The farming technique on site #1157 uses suspended cultivation supported by 1,500-pound cement anchors. I plan to cultivate *placopecten magellanicus* (giant sea scallop), and these scallops will be on site 1157 for approximately four years.

### Giant Sea Scallop Production Plans

Year	Year Class	Gear Units Total	Layers / Gear Unit	Number of Lines	Gear Units/ Line	Density (pcs/layer)	Inventory on Site
1	A1	200	5	3	65	100	100,000
2	A2	400	5	6	65	50	100,000
	B1	200	5	3	65	100	100,000
3	A3	800	5	9	65	25	100,000
	B2	400	5	6	65	50	100,000
	C1	200	5	3	65	100	100,000
4	A4	0	0	0	0	0	0
	B3	800	5	9	65	25	100,000
	C2	400	5	6	65	50	100,000

\*This table is based on the premise that there are no deaths and no giant sea scallops large enough for sale until the fourth year

Space between gear units: 1 meter

Space between lines: 20 meters

Length of lines: lines range in length from 65 meters to 80 meters

In the first year, I will introduce 100,000 giant sea scallop spat, starting at a size of ten millimeters, which will be obtained from the University of Sante Anne in Cape Breton, Isle Madame, NS, specifically from site 0667. I plan to put 100 giant sea scallops into each purl net, arranged in five layers, resulting in a total of 200 strings during the first year. The strings will be purl nets with the dimensions of 35cm length x 35 cm width with each string containing five nets. Using the pre existing lines we would allocate 3 lines for giant sea

scallop spat. Therefore during the first year on site #1157, there will be 100,000 giant sea scallops spat. In the second year, I plan to downsize the number of second year juvenile giant sea scallops to 50 per purl net across five layers, and if there are no fatalities, there will be 400 strings of second year juvenile giant sea scallops. Using the existing lines, I will designate 6 lines for second year juvenile giant sea scallops. Additionally in the second year I will introduce 100,000 giant sea scallop spat, starting at a size of ten millimeters, which will be obtained from the University of Sante Anne in Cape Breton, Isle Madame, NS, specifically from site 0667. I will be using purl nets with five layers maintaining a density of 100 giant sea scallop spat for each layer, along with 200 strings distributed over 3 lines. Thus, in the second year at site #1157 there will be 9 lines being used with a total of 200,000 giant sea scallops, 100,000 spat and 100,000 second year juveniles. In the third year, I will reduce the size of the giant sea scallops and classify them into two categories: market-ready giant sea scallops and third year juvenile giant sea scallops. The third year juvenile giant sea scallops will be placed back into the water at a density of 25 third year juvenile giant sea scallops per purl net across five layers, while the market ready giant sea scallops will be transferred to site #0055. If there are no market-ready scallops, and no deaths among the giant sea scallops, there will be 800 strings in the water. I have to allocate 9 lines for third year juvenile giant sea scallops. Additionally the spat introduced in the second year I will downsize into 50 per purl net across five layers, and if there are no fatalities, there will be 400 strings of second year juvenile giant sea scallops across 6 lines. Additionally I will be introducing 100,000 giant sea scallop spat, which will be obtained from the University of Sante Anne in Cape Breton, Isle Madame, NS, specifically from site 0667. I plan to put 100 giant sea scallops spat into each purl net, arranged in five layers, resulting in a total of 200 strings across 3 lines. Thus, in third year at site #1157 there will be 18 lines being used with a total of 300,000 giant sea scallops, 100,000 spat, 100,000 second year juveniles, and 100,000 third year juveniles. In the fourth

year, all of the fourth year giant sea scallops will be market-ready. I intend to transfer the scallops that are ready for market to site #0055. Additionally I will be downsizing the third year juveniles into market-ready and third year juveniles that need to go back in the water. Thus at a density of 25 third year juveniles per net in five layers there will be 800 stings across 9 lines totaling 100,000 third year juveniles. Also we will be downsizing the second year juveniles to 50 per net in five layers with 400 strings across 6 lines. Thus I will be purchasing in the fourth year 100,000 giant sea scallop spat with 100 giant sea scallops into each purl net, arranged in five layers, resulting in a total of 200 strings across three lines. On the fourth year on site #1157 there will be 18 lines, being used with 300,000 giant sea scallops, 100,000 spat, 100,000 second year juveniles, and 100,000 third year juveniles. This document outlines my production strategy for giant sea scallops. The process involves transferring the giant sea scallop spat from University of Sante Anne in Cape Breton, Isle Madame, NS. Following this the giant sea scallops will stay at site 1157 until they reach market readiness, which typically requires around four years.

The lines range in length from 65 meters to 80 meters, with site 1157 containing a total of 102 lines. It has been observed that we will have 65 gear units allocated for each line. It is important to note that due to the site's pre-existing conditions we do not have an accurate representation of what is currently on the site however I will obtain a clearer insight into the site's contents once I conduct an inventory. My timeline to reach maximum production for site 1157 will be six years.

### **Infrastructure**

Currently I dock my boat at the Tancook Island ferry wharf in Chester to transport spat and final products to market. Furthermore I have acquired a piece of littoral land so that I

can establish land-based operations in the future. I am currently constructing plans to build a private wharf to facilitate the transportation of shellfish to my aquaculture leases.

### **Services and Suppliers**

- Seedstock
  - Scallop supplier : University of Sainte Anne Cape Breton, Isle Madame NS site 0667
- General supplies
  - I have existing supplies of nets (five layer purl nets, buoys and rope)

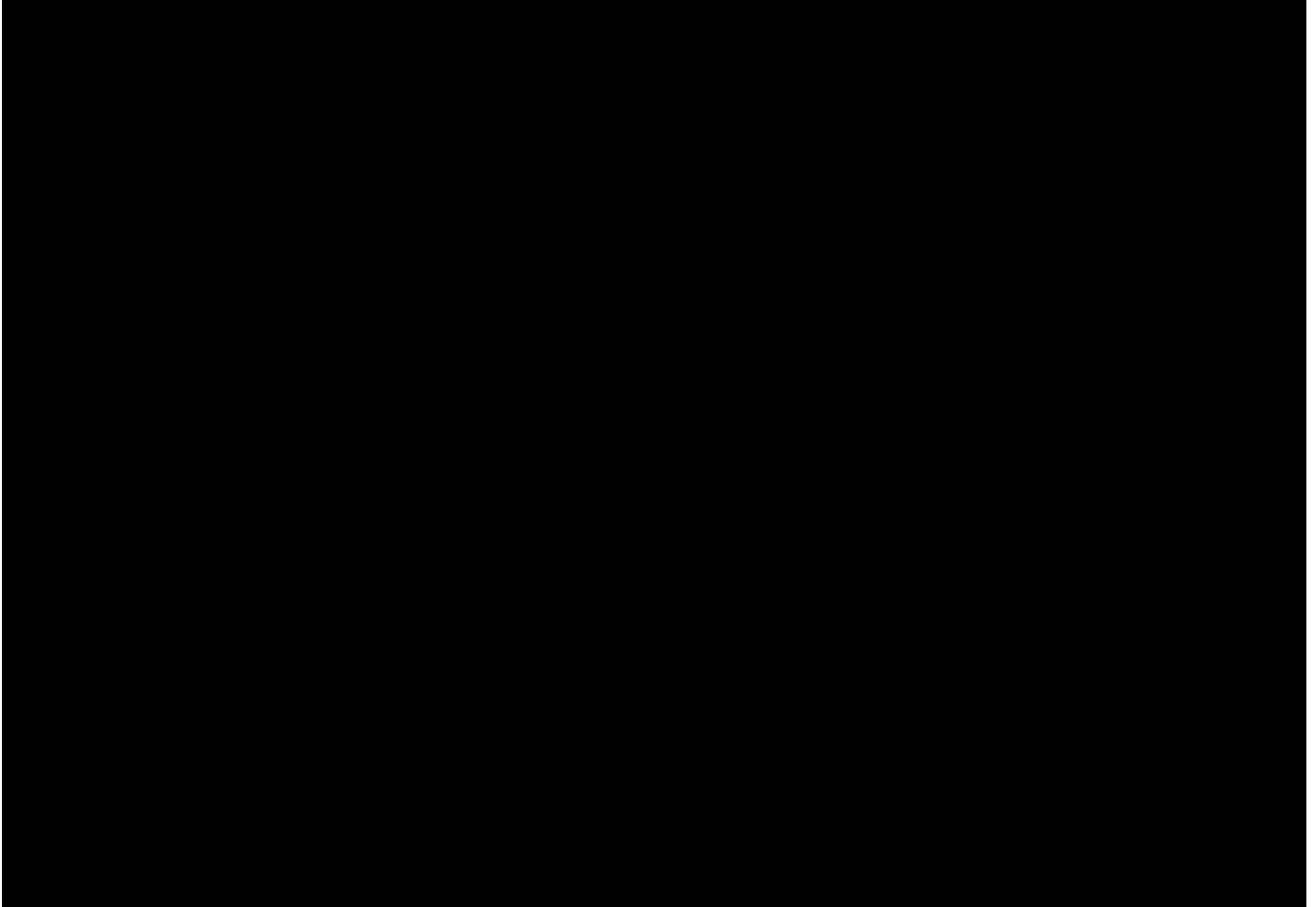
### **Employment**

As the primary executive of my business, I have gained a great deal of experience through trial and error. I have a bookkeeper and administrative assistant who has worked for me since the beginning; at this point, I am her only client. She contributes monthly reporting and some decision-making. Unfortunately, she is soon to retire and is training a person to meet my needs. Additionally, I have three seasonal employees who work for me, and I have a graduate from Saint Mary's University. She works full-time in marketing, decision-making, and on-site work, so she is well-versed in the operations of the company. I am in the process of hiring a full time manager to run day to day activities on my aquaculture leases.



## **Section 3: Business Plan**

### **Financial Plan**



### **Market Plan**

#### **Product and Services**

The products that I will offer are as follows:

- Giant sea scallops

#### **Pricing and Distribution**

Pricing any product has many factors to consider such as labour cost, fuel, fees, market price, infrastructure, shipping and demand. I plan to price all products at a fair market value with a top-quality guarantee. When there is a surplus, we can offer a sale on the surplus

products. When shipping goods, it will be more difficult to offer a sale on surplus products having a wholesale fixed price. When working with an established company they already have distributors and this can help the surplus at a substantial level.

### **Target Market**

- Any age but most within 30 - 90 years
- Also wholesalers and restaurant vendors

I have been planning for the past two years to have sales representatives promoting and selling products by meeting with producers that use products that I offer. Place an application to enter farm markets; Supply local and surrounding area restaurants and particular markets where the product fits in. I sell locally, one hundred kilometres in diameter, and they come to me but the supply is potentially more than the local area can consume. I now have a person that is overseeing this task and I am renovating an existing site for an office for meetings and a place to call home for the day-to-day administration.

### **Advertising and Promotion**

Locally word of mouth and signage in the proper locations are economical ways to promote your products. Trade shows, farm markets, and salespersons can be the most effective for wholesale. I also plan to have a website for an online presentation to increase new target customers; a new way to shop and learn briefly about the process from sea to table.

If I happen to have a surplus of products that I have to sell; I would have a sale either at a business establishment, online ad or place an article in a newspaper. Donating to fundraisers with a cause is how I promote my business and help with the organisation that is planning the fundraiser.

## **Section 4: Site Design**

Site #1157 is an established location in the waters of Mahone Bay, within Lunenburg country covering 14.44 hectares. For a visual representation of the site please refer to the aerial view on page 14. As illustrated, the site varies in length and width, which determines the line length ranging from 65 to 80 metres. Currently, the site is equipped with 102 lines, each capable of holding 65 gear units. Furthermore, page 15 provides a side view of the site. It is evident that the five purl nets per string are spaced one metre apart, with the water level reaching 9 metres deep and a two-metre gap between each line. The site will feature 208 cement anchors, accompanied by 208 16-inch buoys and 2,704 12-inch buoys.

### **Application for Navigation Protection Program to Transport Canada**

A prior approval has been issued by Transport Canada for the same site and I intend to use an identical gear configuration identified in the prior approval.

**Figure 1: Financial Projections**





Figure 2: Arial diagram site 1157

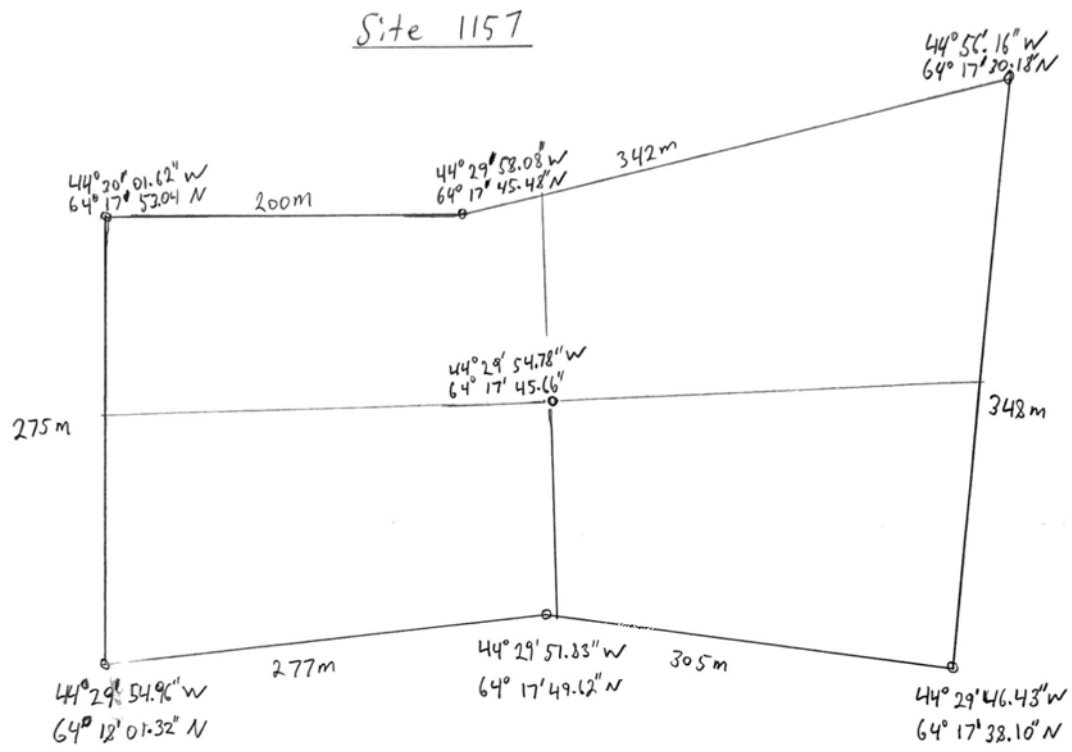


Figure 3: 1157 Line Numbering Diagram

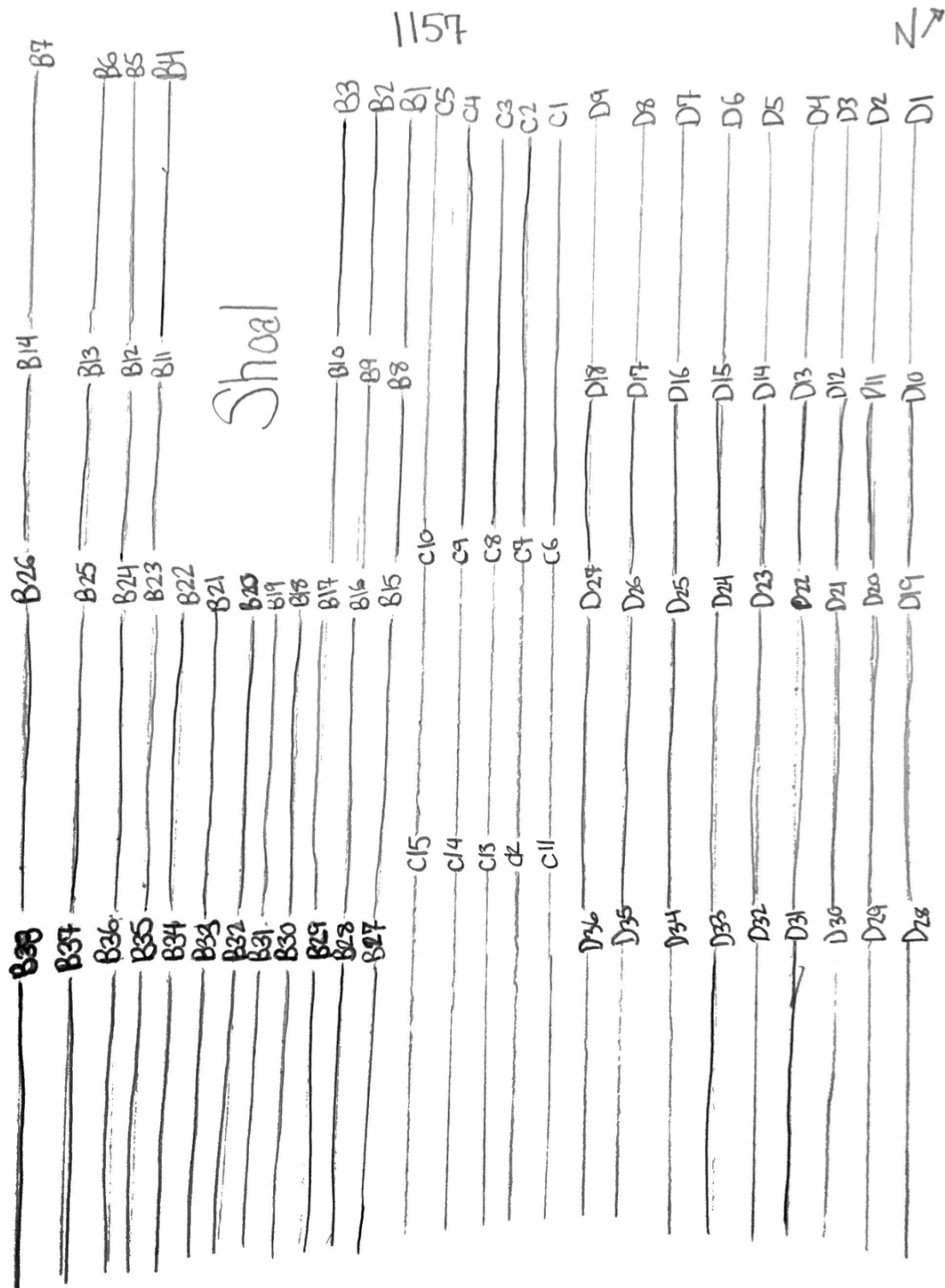


Figure 4: Aerial Layout of site 1157

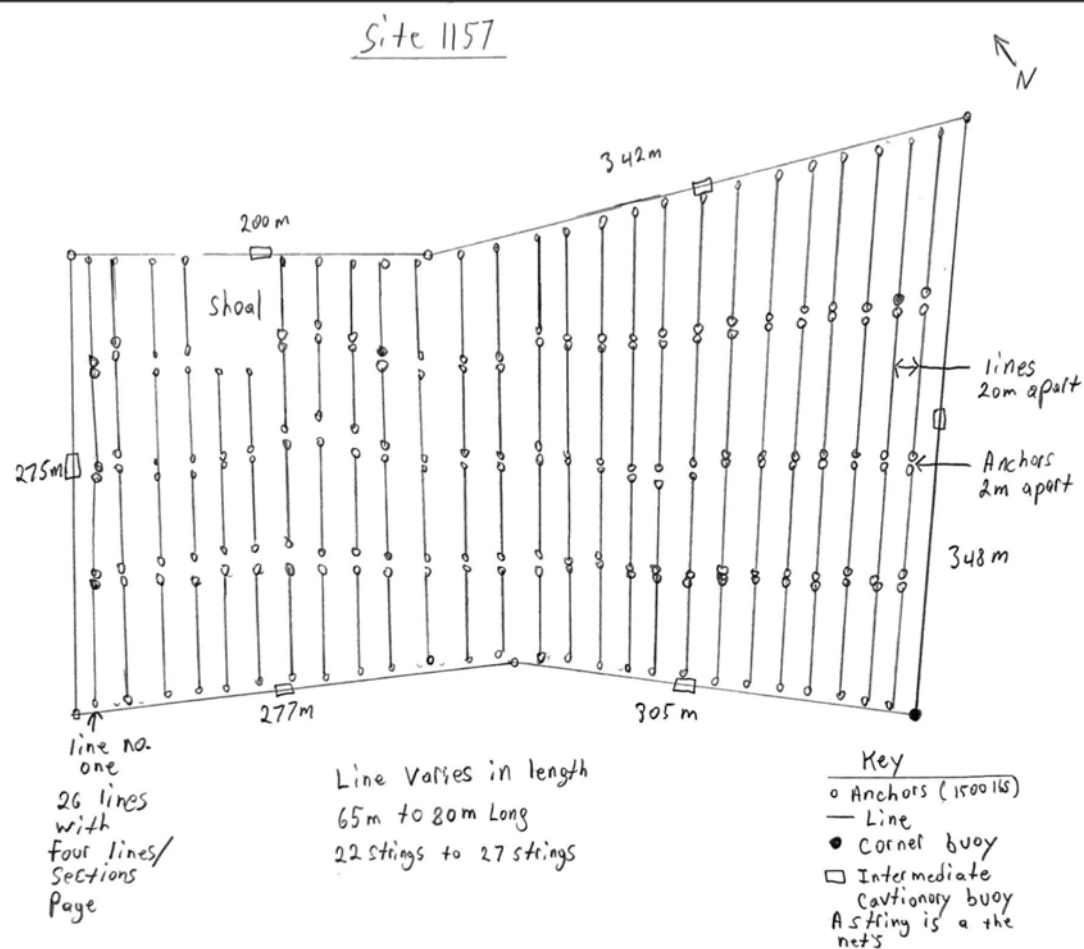


Figure 5: Site 1157 Side View

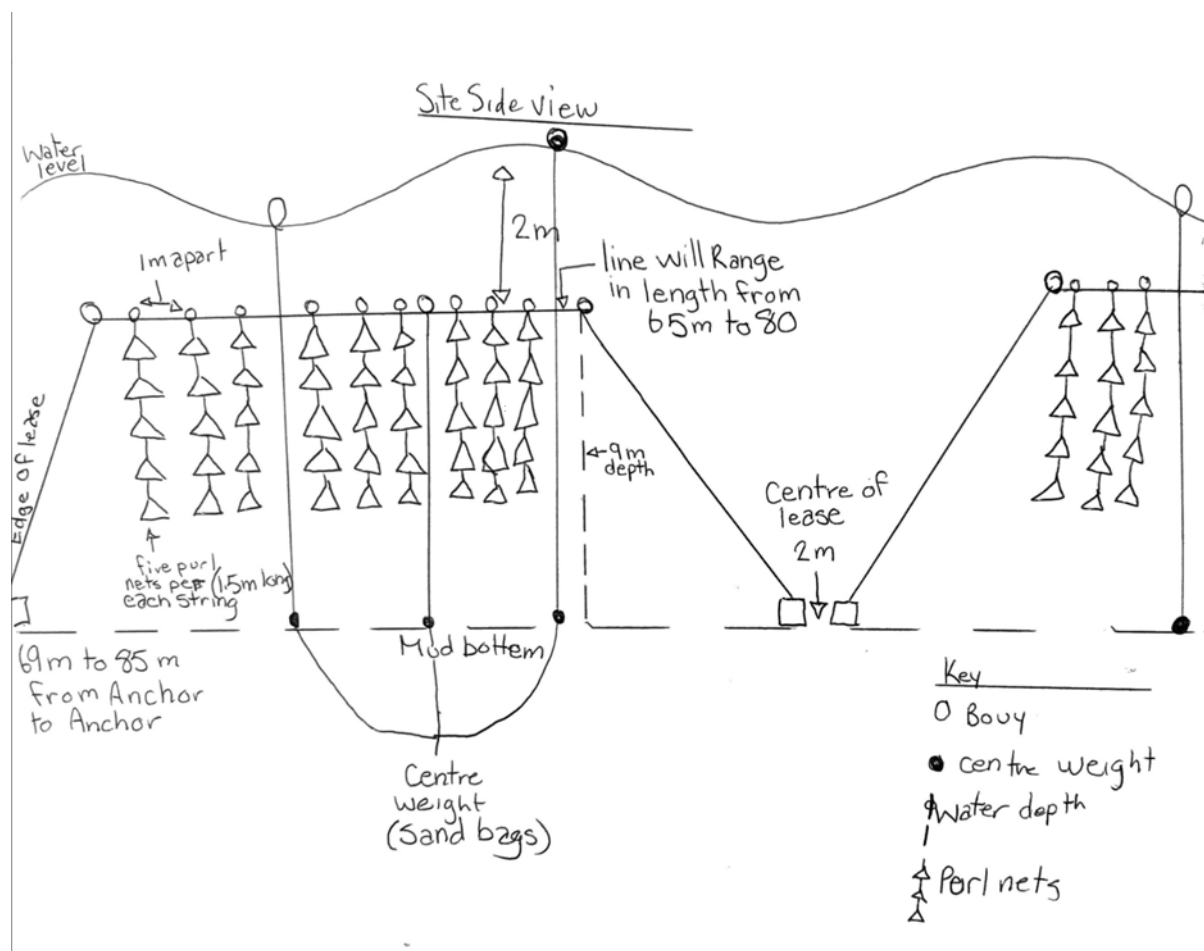




Figure 6: Information on Site 1157

**Issued Commercial Site: 1157**

License/Lease Number	1157
License/Lease Holder	K&H Capital
Site Status	Issued
Registry Number	
Species	Blue Mussels; Bay Scallop; European Oyster; Sea Scallop
Species Type	Shellfish
Culture Type	Suspended
Waterbody	Mahone Bay
County	Lunenburg
Latitude - Decimal Degrees	44.49844
Longitude - Decimal Degrees	-64.29587
Latitude - Degrees Minutes Seconds	44° 29' 54.399"
Longitude - Degrees Minutes Seconds	-64° 17' 45.133"
Chart	4381
Area in Square Metres	144427.33
Area in Hectares	14.44
Issued Licence Date	10/25/2016
Issued Lease Date	10/25/2016
Expired Licence Date	10/25/2026
Expired Lease Date	10/25/2036
Datum	NAD83
NAFO	4X

Source: Department of Fisheries Department of Fisheries and Aquaculture - Novascotia.ca site mapping tool

<https://fishaqua.maps.arcgis.com/apps/instant/media/index.html?appid=a7c3520e73894539afadf8602ee57ef1>