

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.

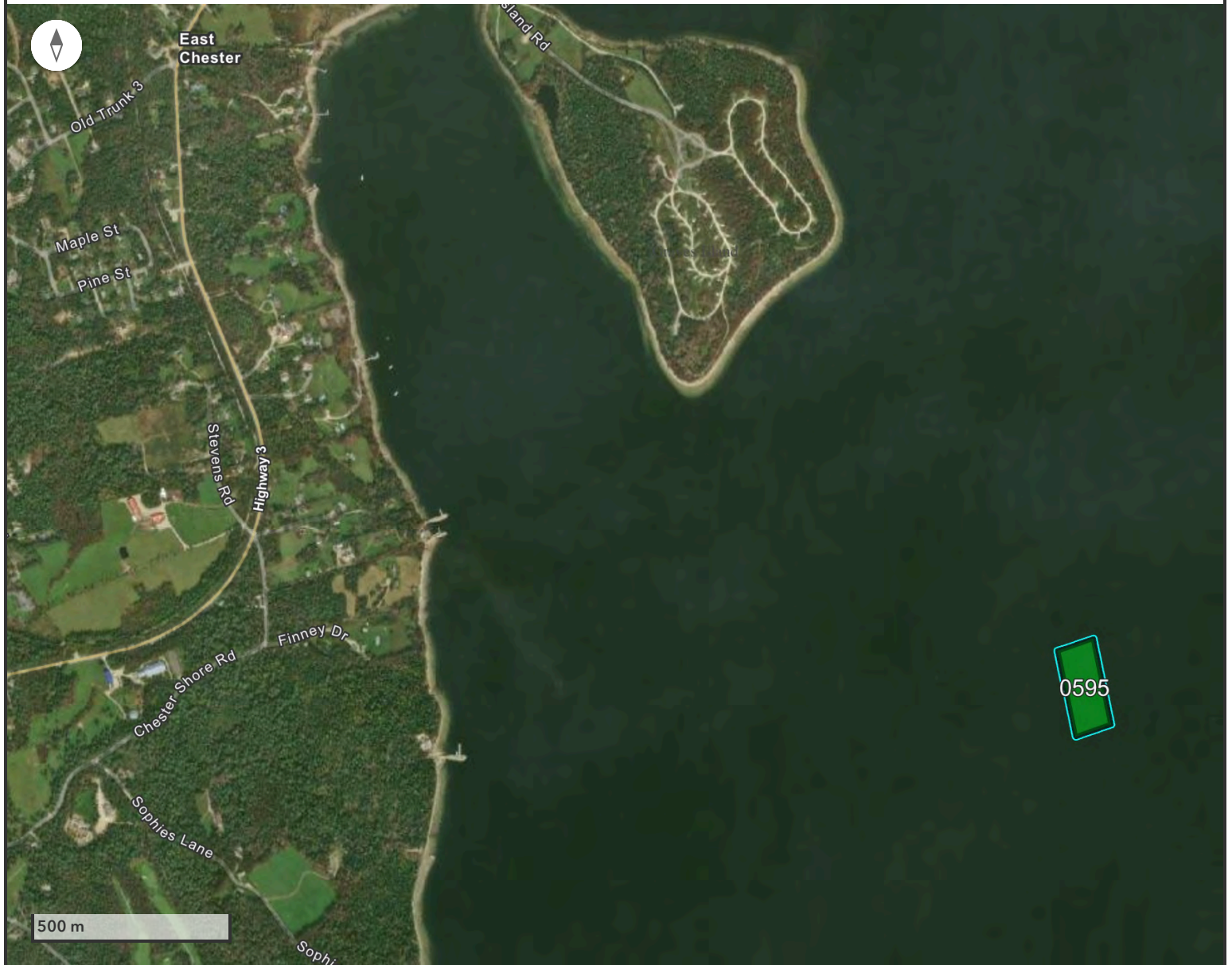
These documents were provided to the Department by the applicant (with the exception of the attached Site Map which was generated by the Department). The Department is not responsible for the content of these documents, including, but not limited to, the accuracy, reliability, or currency of the information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

Applicant: Paul-Aime Joncas	Type of Application: Assignment
Application File Number: AQ#0595	Species: Blue mussel, American oyster, Giant sea scallop, Bay scallop
Location: Mahone Bay, Lunenburg County	Method of Cultivation: Suspended
Application Received On: June 23, 2025	

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: 0595**Current licence/lease holder (Assignor):**Applicant: Paul Jime Joncas Contact Person: Paul Jime JoncasNova Scotia Registry of Joint Stocks Number: 4716569

Revenue Canada Business Number: [REDACTED]

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

Fax No.: 418-461-3772 E-mail: pajoncas@gmail.comMailing Address: 21 Bord de L'EauLaurdes de Blanc Sablon, Québec Postal Code: G0G 1W0Civic Address: Same as mailing

Postal Code: _____

Proposed licence/lease holder (Assignee):Applicant: Scotch Cove Shellfish Limited Contact Person: Paul Jime JoncasNova Scotia Registry of Joint Stocks Number: 4717047

Revenue Canada Business Number: [REDACTED]

Telephone No. (Work): 418 461 3773 (Home): 418 461 3775 (Cell): [REDACTED]Fax No.: 418 461 3772 E-mail: pajoncas@gmail.comMailing Address: BS1 Basinview Dr.Bedford, NS Postal Code: B4A 4K9Civic Address: 26 Scotch Cove RoadChester, N.S. Postal Code: B0J 1J0

Submit completed applications to:

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

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


2025/05-28

Signature of Assignee

Date


2025/05/28Signature of Nova Scotia Department of Fisheries and
Aquaculture Designate

Date


June 23, 2025

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

Aquaculture Licence/Lease #0595
Production Plan
Suspended Cultivation of Giant Sea Scallop, Blue Mussel, American
Oyster, and Bay Scallop
In Mahone Bay, Lunenburg County, NS

Done by
Paul-Aimé Joncas, owner
June 2025

SECTION 1: THE OPTIMUM USE OF MARINE RESOURCES

This application is for the renewal of the licence of an existing site and the assignment to Scotch Cove Shellfish Ltd a company own by the same operator. No other changes to the licence are being requested.

The renewal of the licence is for suspended cultivation of Blue Mussel, American Oyster, Giant Sea Scallop, and Bay Scallop in Mahone Bay, Lunenburg County, NS.

During the period of this licence, we are planning to promote Nova-Scotia Shellfish Aquaculture and its Products to the general population and to supply local business and customer with fresh shellfish products. Also, we will support local business with local purchasing and creating local employment opportunities.

We will optimise the use of our Lease by producing at it maximal capacity.

SECTION2: THE CONTRIBUTION OF THE PROPOSED OPERATION TO COMMUNITY AND PROVINCIAL ECONOMIC DEVELOPMENT

The lease is around 2.03 ha., 100 meters by 200 meters, with a dept between 10 meters (m.) to 40 m. with most of the site with a dept of 15+ meters (m.). This site was established in 1993 by Michael Dadswell and than purchased by Paul-Aimé Joncas in 2004.

Since 1993 it has been mainly producing Giant Sea Scallops by suspended culture mainly Pearl-Nets and Lantern-nets. A very small production of blue mussel was done some years.

The site has 7 longlines with a potential of a maximum 7 longlines (See Figure 1). Each longline is 600 feet with various design (See Annex A & Figure 2). Each string has mainly Pearl-Nets and we utilised a variety of net sizes depending on the size of the scallops.

We purchased every year between 50 000 to 150 000 spats from Ste-Anne University in Cape Breton with an average of 85 000 spats. The number purchased depends on survival, growth, space and gear

available and the market. In 2024 we didn't purchased spats because of a lack of spat available.

We have around 100 000 scallops on the site with around 30 000 ready for market.

The site can have around 120 000 to 200 000 scallops on it at any time with about 30 000 to 40 000 scallops each year for markets.

2.2 Infrastructure

Since beginning of May 2025, we have a working boat. It is 32-footer Cape Islander that was completely redone and equipped over the last 3 years at a cost of 250 000\$+ by Tern Boatworks, Lunenburg Shipyard, East River Shipyard, Diesel Rite, East River Electric, Maritime Marine Supply and else.

We have purchased a dock in Scotch Cove in East Chester about 2 km from the lease.

Since 2019 we are renting indoor storage space from Access Storage in Chester for our aquaculture gears and equipments.

2.3 Infrastructure

Over the last 5 years we have purchased for close to 500 000\$ in Nova-Scotia from many suppliers like Rainbow Netting & Riggins, Maritime Supply, East River Electric, Diesel Rite, Tern Boatworks, Lunenburg Shipyard, East River Shipyard, Maritime Marine Supply, Atlantic Electronic, South Shore Metal Works, Access Storage, etc.

2.4 Employment

In the past most of the work was contracted out to a lobster fisherman/aqua culturist, [REDACTED] from Long Reef Shellfish. While still working with [REDACTED] we are in the process of becoming completely independent. [REDACTED] told us about a year ago that he will not be able to help us in the future because of his increase workload.

We have now 2 part time workers and is negotiating a contract with [REDACTED] for 3 additional part time workers. Over the next few weeks, we will do a Job Posting for a Manager.

With the actual level of production, I estimate the need for about 400 to 500 days work per year on site.

2.5 Other economic contribution to the local economy

We purchase most of our needs from local suppliers We often do our meeting in local restaurants, purchased fuel and gas locally, pay municipal taxes in Chester and promote the region.

In the future we would like to diversify the production with Blue Mussel and American Oysters.

Beside the small size of the lease we are looking at way to increase the value of our products like building an EconoMusée that will promote aquaculture by showing how it is done, offering on site boat tour , products tasting with local wine and/or other specialities.

2.6 Adverse economic impacts

We don't forecast any adverse economics impacts on the economics development of the community.

Note: The longlines #7 is presently damaged and a part of it is outside of the site limit. We are working to solve this problem.

SECTION 3: FISHERIES ACTIVITIES IN THE PUBLIC WATERS SURROUNDING THE PROPOSED AQUACULTURAL OPERATION

3.1 Impacts on the fisheries activities

The main fishery in the area is lobster. The lease has been there since 1993 and before most of the actual fisherman has been fishing lobster. Also, according to verbal exchange with some local fisherman, the lobster catches have increased around the aquaculture site and decreased elsewhere.

I am not aware of any other fisheries around the lease.

SECTION 4; OCEANOGRAPHIC AND BIOPHYSICAL CHARACTERISTICS OF THE PUBLIC WATER

4.1 Oceanographic environment

I have the history of this site since 1993 so for more than 30 years now. In the last 10 years there have been an increase in the number of storms and the level of the storms which have caused damage to the site mainly the shallow water part of the site. We are still working to repair the damage of the last major storm and to improve the site so it could in the future better withstand these events. Also, the water temperature has been increasing with lower oxygen levels and else which increase the mortality rate of the scallops if we manipulate them mainly during the warmest period i.e. July and August. We try to minimise the manipulation during these periods.

4.2 Environmental monitoring

Like indicate earlier in the document this lease has been there since 1993 and is now part of this environmental area. I believe if it has any impact, it has a positive impact on the benthic environment.

4.3 Site design

A few years ago, we have moved the site away from Grave Shoal to minimize the impact of the shallow water by storm and increase the productivity capacity of the site.

We will produce mainly scallops and if the economic, biologic and environment permit in the future we will look to add other production to our business. See Annexe A, B, and C and Figure 1 & 2 for site design and production plan.

SECTION 5: THE OTHER USERS OF THE PUBLIC WATER SURROUNDING THE PROPOSED AQUACULTURAL OPERATION

5.1 Impacts to other users including wildlife

The lease was granted in 1993 at that time there were no adjacent property owners Today there are none close to the site. Pleasure craft and commercial boat traffic aren't impacted because there are lot of space available on both sides of the lease, there are no anchorage and/or moorings site close. To my knowledge there are no processing plants within 10 km. There is Grave Island campground close, but they don't see the site from the campground. To my knowledge there are no municipal, industrial or agricultural users which may be sources of effluent close. Also, the site is a fair way from the mainland. No Tourist or recreational operations close except Graves Island campground. No private and government wharves close. No First Nations territories /reserves close. To the best of my knowledge, no known or suspected pre-contact or historic archaeological resources impacted by the lease operations. No important habitat s and conservation areas or other known potential project (confirmed or proposed) and activities.

The site has been in operation for 35+ years, and the operation isn't gone to really change. All the species are indigenous to the area. Like written earlier the site seem to have a positive effect on lobster fishing.

5.2 Impacts by other users including wildlife.

To my knowledge no other users may impact fulfillment of the request.

SECTION: THE PUBLIC RIGHT OF NAVIGATION

6.1 Navigation Protection Act (NPA) approval

The site is approved by Transport Canada, and they have already proposed a plan to mark the site. The work will be completed in 2025. There will be no change to gear use on the lease or to configuration of the lease. See attached current NPA approval (Annex D).

SECTION 7; THE SUSTAINABILITY OF WILD SALMON

The restoration of the working boat, a 32-footer Cape Islander type, took a lot more time than initially forecast for many reasons including Covid, Shortage of human and material resource and else. It is now complete since early May 2025 and it is operational and will be dedicated only to the operation of the lease #0595 in Mahone Bay, Nova-Scotia. I have designed it and built this boat only for this lease.

Also, while in the last few years I have relied on contractors to do the work we will from now on do most if not all the work with our own boat, our own workers and else and would not have to wait and rely on others.

9.3 Compliance history

We did have in Nova Scotia one compliance history issue recently for site marking and one longline partly outside the site limit. We believe that this longline was cut by someone accidentally and at this time we have done two (2) trials to rescue this longline without success. We are working on another way to solve this problem and it should be solved over the next few months.

Annex A

SITES & LINES DESIGN:

The Site is 100 meters Wide = 328 feet and 200 meter long = 656 feet

Mooring; 2000 lbs, 3 per Long-Line of 600 feet, one at each end and one in the center.

Every 30 feet a 12/16 inches buoys with a 50/80 lbs weight to counterbalance and stabilize the line. The 12/50 will be put on Line 1 to 4 and 16/80 on Line 5 to 8.

7 Long-Line 600 feet – 2 Long-Line of 300 feet

42 feet between Long-Lines for a total 294 feet

One string at each 3 feet leaving rope without PNs each mooring depending on the depth of the mooring

Line 1 & 2: 180 Strings of 5 Pearl-Nets (PNs) per Long Line: shallower water

Line 3 & 4: 160 String of 8 PNs per Long Line: Mid shallow water

Line 5,6 &7: 140 strings of 12 PNs per Long Line: Deep water

1 100 strings with a total of around 9 400 PNs

7.1 Identification of local salmon populations.

To my knowledge there are no salmon run rivers close to the site.

7.2 Support of sustainability of wild salmon

Not applicable see 7.1

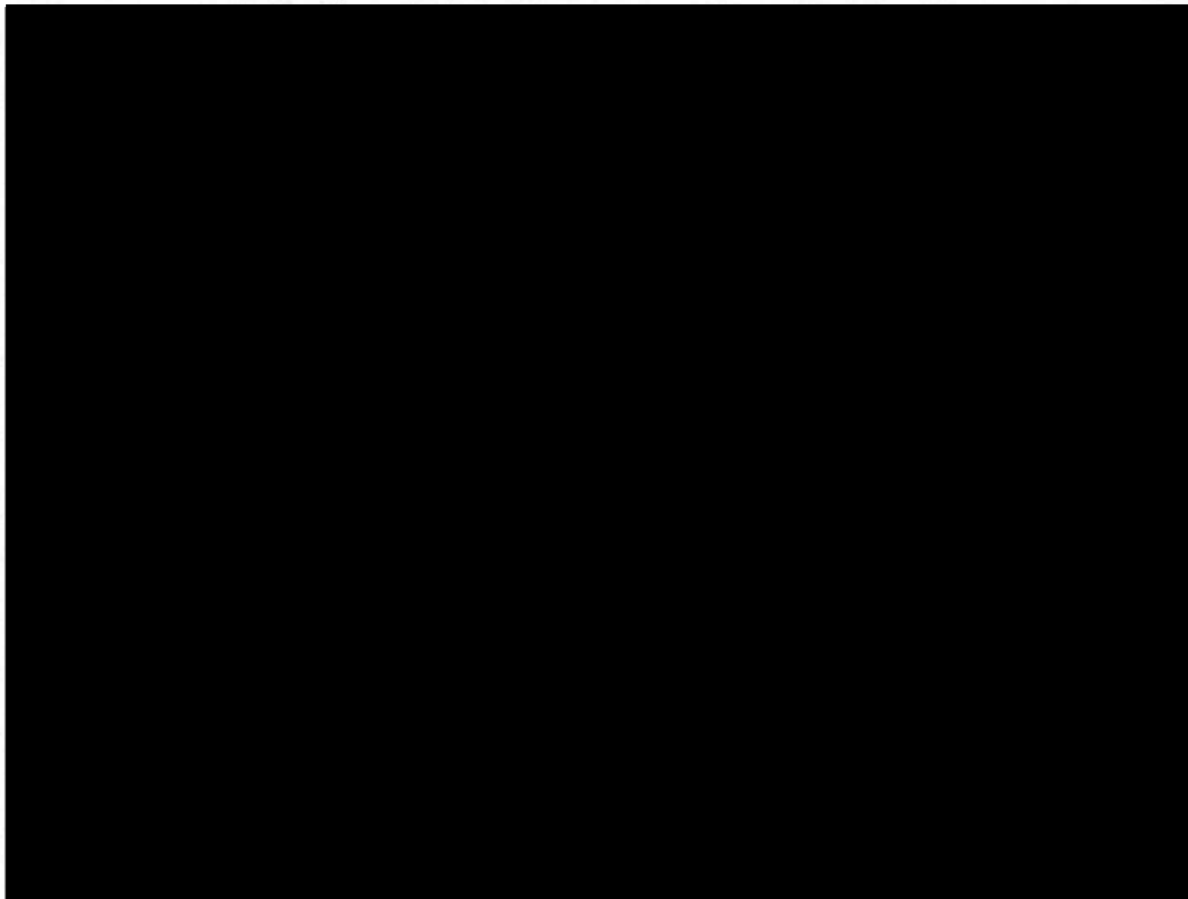
SECTION 8: THE NUMBER AND PRODUCTIVITY OF OTHER AQUACULTURE SITES IN THE PUBLIC WATERS SURROUNDING THE PROPOSED AQUACULTURAL LOCATION

8.1 Interactions with other aquaculture operations

No other aquaculture operations close and/or conflicts identified.

SECTION 9: DEVELOPMENT VIABILITY

9.1 Financial ability



9.2 Technical ability

I have been in business since the age of fourteen years old and coming from a business family. Our group of business over the years included commercial fishing, seafood processing and marketing, Residential, Commercial and Institutional Construction, Real Estate, Health Care and so on. We still owned and operated most of these business.

I have a BSc in Mining Engineering and a Doctorate in Medicine from Laval University in Quebec City and have studies MSc in Health Economic at York University, York, England.

I start fishing at the age of twelve (12) and at the age of fifteen (15) was fishing, working in Seafood Marketing and processing while building my first house.

I was a member of Canadian Judo Team for many years and participate in many national and international tournaments.

I have been involved in aquaculture since 1985 and have been to Japan on many occasions to study the Japan Aquaculture business mainly in Hokkaido where I attend Hokkaido University and did terms with Japanese Scallop Farmers mainly in Monbetsu and Yubetsu.

Between 1994 and 1998 I was a member of the Canadian Committee on Aquaculture set up by the Federal Government to advice the Federal Government on Canadian Aquaculture Policy.

I have attended and given conference all over the world in Aquaculture.

I have been involved in Aquaculture business in Canada, China and Chili.

In the last two (2) years I am in a progressive retirement stage of all these ventures including medicine. I will be passing a lot more time working on the leases and enjoying shellfish farming in Mahone Bay, NS and Baie de Jacques Cartier, Quebec.

Annex B

PRODUCTION INFORMATION

SCALLOP DENSITY PER PEARL-NET (PN) PER PERIOD:

The scallop size follows a Gaussian distribution (Probability Bell Curve) where Scallop superfices (Ss) given here represent 70% of the population and 15% will be smaller and the other 15% will be larger.

YEAR ONE JANUARY 2026 TO DECEMBER 2026

$$(PNs \times MpPNEG)/FSs/ESRp = ISDPN$$

Initial Spat density per PN (ISDPN) = 40

PN superfices (PNs) = 900 cm²

Maximum Percentage of the PN cover at the end of the growth (MpPNEG)= 85 %

Initial Scallop superfices (ISs)= 4 cm²

Final Scallop superfices (FSs) = 25 cm²

Estimate survival rate during this period (ESRp)= 80%

YEAR TWO JANUARY 2027 TO DECEMBER 2027

ISDPN= 18

ISs= 25 cm²

FSs= 56 cm²

ESRp= 80%

At this growing stage the 15% which are larger (fast grower) will be put in ISDPN = 10

The slow grower will be put at ISDPN = 18 because experience has shown that when we reduced competition these scallops tend to progressively catch up with average growth

Estimate 15% of the scallops of this cohort will be ready for sale at the End of October Year 2 Half will be sold between Year 2 and Year 3. The other half will be kept for grow-out

YEAR THREE JANUARY 2028 TO DECEMBER 2028

ISDPN= 10

ISS= 56 cm²

FSS= 100 cm²

ESRP=80%

Most of these scallops will be ready for sale at the End of Year 3 (Y3) (They will be sold between Y3 and Y4)

15 % of the stock will be kept for further growth All the scallop will be sold when they reach a maximum size of 25 cm (10 inches)/ 625 cm² i.e one scallop per PN

Annex C
PRODUCTION SCHEDULE

NOTE: All stocks are Sea Scallops where the spats are purchased from Université Ste-Anne NS and are cultivated in suspension in Pearl-Nets on Long-Line.

Stock & PNs used at the beginning of 2026

Stock 2019-2023: 3 000 Unit at 80 -140 mm in 3 000 PNs

Stock 2025: 100 000 Units at 15-25 mm in 2 500 PNs

Stock & PNs used at the end 2026/beginning 2027

Stock 2019 – 2023 sold in 2026

Stock 2025 80 000 units at 50 mm in 4 400 PNs

Stock 2026 100 000 units à 15-25mm in 2 500 PNs

Stock at the end of 2027/beginning of 2028

Stock 2025: Sold 10 000 units sold around 80 mm (70-90)

40 000 in 4 000 PNs

Stock 2026 80 000 units 4 400 PNs

Stock 2027 40 000 units 1 000 PNs

Stock at the end of 2028/beginning of 2029

Stock 2025: 25 000 units sold at (80 mm -120 mm)

_____ 1 000 units at 120+ mm in 1 000 PNs

Stock 2026: 15 000 units sold at 80 mm (70-90)

40 000 units in 4 000 PNs

Stock 2027: 32 000 units 1 800 PN

Stock 2028: 90 000 units 2 250 PNs

Stock at the end 2029/beginning 2030

Stock 2025 900 units sold in 2025

Stock 2026 32 000 units sold in 2025

1 000 units in 1 000 PNs

Stock 2027 600 units sold in 2029

25 000 units in 2 500 PNs

Stock 2028: 72 000 units in 4 000 PNs

Stock 2029: 60 000 units in 1 500 PNs

Stock at the end of 2030/beginning of 2031

Stock 2026: 900 units sold

Stock 2027: 20 000 units sold

Stock 2028; 2 000 units sold

50 000 units in 5 000 PNs

Stock 2029: 56 000 units in 2 500 PNs

Stock 2030: 70 000 units in 1 700 PNs

FIGURE 1

Lease #0595
Location MAHONE BAY

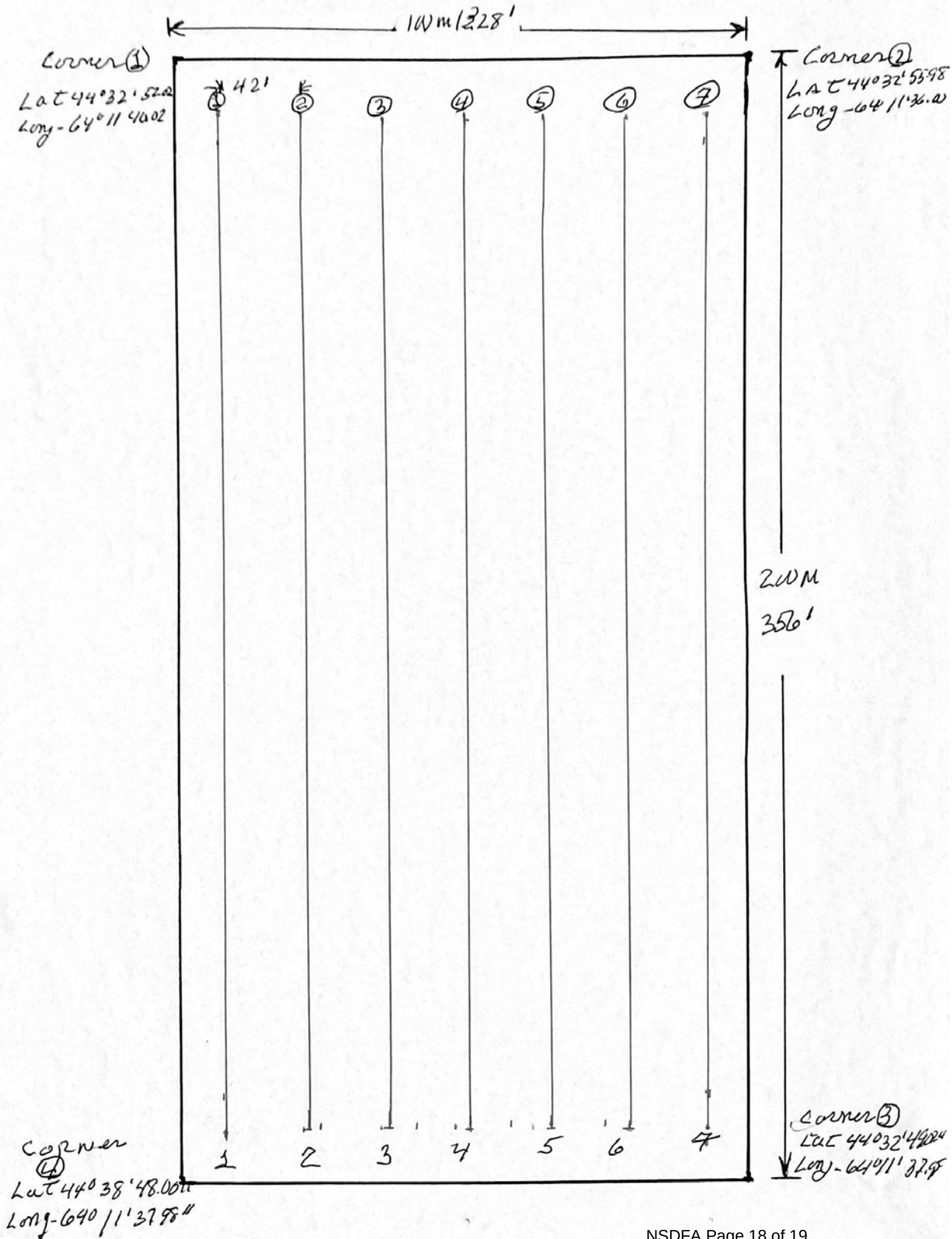
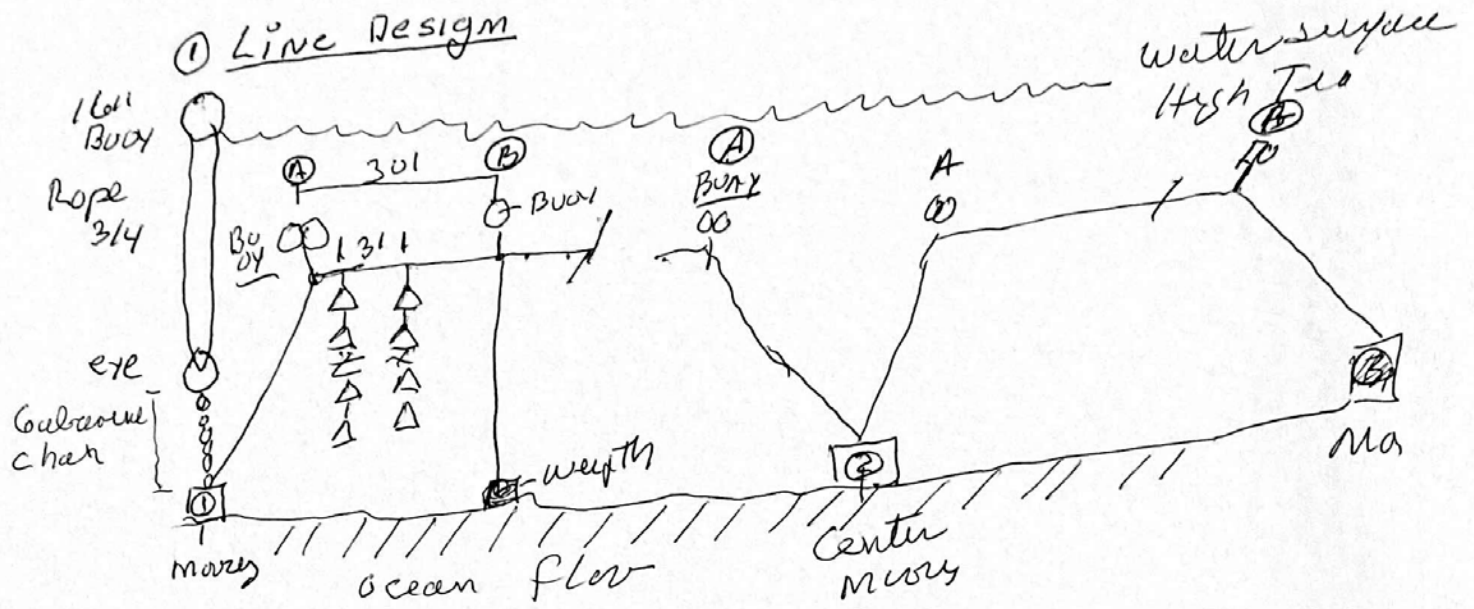


FIGURE 2



1 - Mooring Rescue Line
2 -
3 -

Ⓐ corner Buoys 2x16" - 2

Ⓑ Regular Buoys 12/16"