

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.

Applicant: Current Sea Products Inc.	Type of Application: New Marine Licence and Lease (ADA)
Application File Number: AQ#1477	Species: Sugar Kelp
Location: Pubnico Harbour, Yarmouth County	Method of Cultivation: Suspended
Application Received On: April 22, 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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Proposal for the Exclusive Right to Apply for a Licence and Lease Within an ADA

Instructions:

You **MUST** complete ALL fields and sections of this form, unless stated otherwise. Incomplete proposals will not be considered by the Aquaculture Administrator (the "Administrator") when selecting a proponent. The Nova Scotia Department of Fisheries and Aquaculture (the "Department") will NOT contact you should your proposal be received incomplete. The criteria under which your proposal will be assessed and rated is included at the end of this form, which you can use as an aid when writing your proposal. Although a total score is provided following assessment, it is important to note that the proposal with the highest score is not by default the successful proponent; the Administrator reserves the right to the final decision following the call for proposals.

Site Number - AQ#	8038
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Section 1: Proponent Information	
Proponent Name:	Current Sea Products Inc.
Name of Authorized Representative: (if applicable)	Marc Currans
Phone Number (work):	(902) 740-0399
Phone Number (cell) (optional):	
Fax Number (optional)	N/A
Email Address:	m.currans1@gmail.com
Mailing Address:	2001 Highway 335, Lower West Pubnico, Nova Scotia, B0W 2C0
Civic Address: (if different than mailing address above)	Same as above <i>The Civic address in Nova Scotia where your daily records will be kept with respect to the Aquaculture operation</i>
Additional Authorized Contact(s) (include name, phone and email): (optional)	

Section 2: Company Information (if applicable)	
Please attach a copy of an up-to-date <u>Shareholder's Register</u> from the corporate Minute Book of the company setting out (1) the names of each shareholder and (2) the number of shares held by each.	
Registry of Joint Stocks Number:	4335478 (Shareholders' Register and RJS are Attached) Proof of compliance with the Registry of Joint Stock Companies is required. Information is available on the RJS website at http://www.gov.ns.ca/snsmr/rjsc
Revenue Canada Business Number:	 Business Number from Canada Revenue Agency. The toll-free telephone number for CRA is 1-800-959-5525 (press * to speak to a representative about obtaining a CRA Business Number).

Section 3: Proposed Production Plan Summary				
Notes: 1. Refer to the call for proposals to determine what species will be considered by the Department. At this time, only suspended cultivation methods are being considered. 2. If you require additional rows, include the information into Section 5 (Production Plan Details) of your Proposed Development Plan.				
Species Name	Expected Annual Harvest (in kg or # of units, or pieces)	Expected grow-out period (in years)	Maximum biomass on site (in kg or # of units)	# of years it will take to reach maximum production
Sugar Kelp	As much as a buyer can purchase	1/2 year	1,034,190 Kg	1/2 year
Section 9 has more details on current plans for next 2 years for harvest amounts. Year 1: (4,536 Kg) 10,000 lbs Research & Development year Year 2: (51,709 Kg) 114,000 lbs Going forward: Depending on markets and hopefully more				
At absolute maximum capacity. 40,000lbs per acre (very minimal space between lines) for 57 acres converted to KG. Sugar Kelp takes 1/2 year to grow, but we doubt we will find a buyer to buy the maximum starting out so we used conservative amounts for our projections. (See section 9 and above)				

CURRENT SEA PRODUCTS INC.

Profile Previous Names Relationships Events (6)

Reg. Number

4335478

Reg. Name

CURRENT SEA PRODUCTS INC.

Type

Limited Company

Status

Active

Effective Date

17-Jun-2021

Registered on

17-Jun-2021

Next Annual Return

30-Jun-2024

Addresses

Reg. Address

2001 HIGHWAY 335, LOWER WEST PUBNICO, NOVA SCOTIA, B0W 2C0, CANADA

Mailing Address

PO BOX 94, LOWER WEST PUBNICO, NOVA SCOTIA, B0W 2C0, CANADA

Documents (11) Reports (4)

Type to filter

Company Name Change (SR569545)

Registered on: 28-May-2024, Effective from: 28-May-2024

Standard \$12.45

Certified \$12.45

Special Resolution - Name Change - Company (SR569545)

Registered on: 28-May-2024, Effective from: 28-May-2024

Standard \$12.45

Certified \$12.45

Company Change of Directors and Officers (SR569527)

Registered on: 28-May-2024, Effective from: 28-May-2024

Standard \$12.45

Proposed Development Plan (Sections 4 to 10)

If you need additional space to record information, refer to and include it as an attachment

Section 4: Production Plan Details

Provide a description of the infrastructure that would be in place to carry out your proposal. This includes but is not limited to: The type of gear to be used, the anticipated number and capacity of cages/bags/lines to be used over time. Dimensions and approximate number of anchors to be used, the source of seed stock and/or how it will be collected and any additional information to accompany Section 3 above. In addition, review the Site Report details for any unique mitigative measures to be considered and address them in this section. This proposal is understood to be based upon the information available at the time of the submission. In future years, the actual amount of gear used, seed stocked and other production values may be higher or lower than the projections and will be determined by operational performance outcomes experienced at the site, including, but not limited to, environmental monitoring and farm operations.

In evaluating this section, the Department will review information such as: the technical feasibility of the proposed production scale and equipment used with the requested area.

Our Sugar Kelp farm will consist of submerged parallel long lines tied by anchors on each end. The rope used will be rope that a related business owned by [REDACTED] (Finley Marie Fisheries) already owns.

Given the large proposed area we first plan on having enough space between the parallel long lines so it does not get fouled in each other during storms/ strong tides.

We first intend on spacing the parallel long lines 100 feet from each other and 400 feet in length which would make 2 spools of [REDACTED] Seeded Line per parallel line (200 feet of seeded line comes per seeded line spool). This results to 400 feet of seeded lines per acre.

When we convert 23.15 hectares into acres it gives us 57 acres. Meaning we can use 114 spools of 200 feet Sugar Kelp Seeded line which will make 22,800 feet of rope. The shareholder's other company Finley Marie Fisheries already owns all the rope for the above noted proposed plan. The approximate anchors to be used would be 114 (1 anchor tied to each end of 400 feet line). After our first production cycle if we feel like we need to add more anchors to keep the lines down we will. At a yield pf 5 lbs per foot this will produce 114,000 lbs (5 lbs a foot x 22,800 feet).

In the future if we have a buyer willing to purchase a lot of Sugar Kelp we can start spacing the parallel long lines closer together to produce more.

The shareholder's already know by exploring the area where there's currently Sugar Kelp. We will get the Sugar Kelp provide it to [REDACTED] so she can produce seeded lines for us. So there's no environmental impact since the Sugar Kelp will be obtained close to the area to produce seeded lines. This site is outside of a channel so not in the way of navigation and not where fishers fish as well since outside of the channel.

To monitor the site we will use rockweed skiffs and for harvest/ setting of the lines we will use a 50 foot commercial fishing vessel owned by Finley Marie Fisheries which is 100% owned by [REDACTED]

Section 5: Benefits to the Local Community and the Province

Provide a description of how your proposal would benefit the local community and the Province of Nova Scotia. For example, anticipated direct local jobs created, use of local suppliers, processors, seed stock, potential secondary industries, impact to other business development in the community and Province.

In evaluating this section, the Department will review information such as: the proponent's primary place of residence, the number of full-time, part-time and seasonal employees directly related to the proposal, sources of labor, types of goods and services, predicted volumes of goods and services, hatchery or seed source, location of processing of product.

Both shareholders Marc and [REDACTED] were each raised in Pubnico and currently reside in Pubnico and we're very strong supporters of local businesses.

For Sugar Kelp we plan on buying seeds from [REDACTED] which is located in Pubnico. All insurances will be purchased from [REDACTED] located in Pubnico, purchase of gas and outboard repairs done at [REDACTED] located in Pubnico. Welding will be done at [REDACTED] or [REDACTED] both located in Pubnico. Miscellaneous parts and supplies purchased at [REDACTED] located in Pubnico. Various gear purchased at [REDACTED] located in Pubnico. Finley Marie Fisheries Limited (100% owned by shareholder [REDACTED]) currently buys diesel fuel for commercial vessel from [REDACTED] located in Pubnico and does boat repairs at [REDACTED].

This product is seasonal in nature since it grows over the winter and harvest in spring. Therefore, Marc and [REDACTED] plan on being owner operators and very hands on, however we do plan on hiring workers on an as needed basis (1 or 2 seasonal part time workers and hopefully more as the business grows in the future) and plan on hiring local first if possible. Since it's a Canadian Controlled Private Corporation operating in Nova Scotia corporate taxes will be paid in Nova Scotia as well as personal taxes from payroll.

As you can see the site is located in Pubnico and we plan on using various businesses in Pubnico for suppliers and taxes will be paid in Nova Scotia.

For the processing of product we do first plan on selling it wet if possible, therefore it will be offloaded from the 50 foot commercial fishing vessel that currently has berthage at [REDACTED].

The 50 foot commercial fishing vessel that we will be using for harvesting and setting the lines (owned by shareholder's company) already has and pays berthage at [REDACTED] Harbour Authority which is located in Pubnico Harbour and a closed wharf meaning no new entrants can come and use this wharf since it's at capacity.

Any other applicants that currently does not have berthage at a local wharf will run into significant logistic problems getting to and from the site since all local wharfs are closed to new boats. So this gives us an advantage that we currently already have berthage.

Section 6: Past and Present Aquaculture Operations in the Province	
<p>In the table below, list all aquaculture sites with licences that are presently or have been previously issued to you by the Province of Nova Scotia. For present aquaculture sites, provide a summary of your current operation including the rationale for any sites currently underutilized. For past aquaculture sites, explain why you are no longer operating the site (i.e. what happened to the aquaculture site).</p>	
<p><i>In evaluating this section, the Department will be reviewing the production and operational history of the aquaculture sites with licences currently and previously issued to the proponent (e.g. for the purposes of site utilization) and the compliance history of the proponent with respect to those sites.</i></p>	
<p>Check this box if you have no past or present aquaculture operations in the Province</p>	<input checked="checked" type="checkbox"/>

Aquaculture Site Number (AQ#)	Past or Presently Issued Licence? (Check one)		<p>If Past: Why you are no longer operating the site / what happened to the site</p> <p>If Present: Summary of your current operation / rationale for underutilized sites</p>
	<input type="checkbox"/>	PAST	
	<input type="checkbox"/>	PRESENT	
	<input type="checkbox"/>	PAST	
	<input type="checkbox"/>	PRESENT	
	<input type="checkbox"/>	PAST	
	<input type="checkbox"/>	PRESENT	
	<input type="checkbox"/>	PAST	
	<input type="checkbox"/>	PRESENT	
	<input type="checkbox"/>	PAST	
	<input type="checkbox"/>	PRESENT	

Section 7: Ability to Execute the Proposed Activities

Provide a description of your relevant knowledge and experience. This can include education, business experience, aquaculture experience, previous aquaculture compliance history, previous experience in community engagement, proposed management team (if known), other relevant information to demonstrate the technical and business skills available to execute the proposed development.

In evaluating this section, the Department will review information such as: the relevance of experience to the proposed aquaculture development, years of relevant experience and past operational success.

Marc Currans graduated from Saint Mary's University in 2012 with a bachelor of commerce. Marc then pursued his post secondary education and obtained his Chartered Accountant designation in 2015 as young as possible to have the designation (CPA, CA) while articling at [REDACTED] where he has now ranked up to being a partner [REDACTED] in the firm in which he has his own clients and manages staff. On top of this Marc also has his public accountant license in which he's licensed to do audits, reviews, compilations, T1, T2, T3 and all other tax and advisory services and performs services in both French and English. Prior to this while growing up in Pubnico Marc was often on the ocean (received his pleasure craft license at the young age of 12 years old) and has been boating in Pubnico Harbour all of his life. Marc also worked at a fish processing plant while in Junior High, High School and University where he obtained many skills in the fisheries sector and worked with [REDACTED] at this same processing plant. On top of working at a fish processing plant Marc also went lobster fishing on various fishing vessels including lobster fishing on [REDACTED] vessel offshore where he obtained various skills as well. On top of this Marc has also volunteered with the Pubnico Point Trail Association from forming the registered society in 2013 until present.

[REDACTED] has been Captain and 100% owner of Finley Marie Fisheries Limited since 2011. This is a lobster fishing company in LFA 34 and also fishes for herring in the Little Hope herring fishery which he is an active board member and attends regular meetings. [REDACTED] has participated in science surveys for DFO for herring stocks assessments and has participated in ropeless fishing gear trials as well. [REDACTED] has his fishing masters (fourth class), rockweed harvester permit, marine first aid, marine medical care, radio operator certificate, pleasure craft operator card, WHMIS and GHS. Throughout his fishing years [REDACTED] has fished for multiple species being lobster fishing, fish dragging, herring seining, herring gillnet, rock weeding, slime eel fishing and scallop fishing. With all this experience [REDACTED] really knows his way around the ocean and understands tides and currents and many skills that can be applied to the aquaculture industry.

So far Marc has attended 2 aquaculture events at the Municipality of Argyle and a Sugar Kelp conference in Halifax.

With Marc and [REDACTED] prior experience working together as well as Marc's strong background and experience in business and [REDACTED] strong background in fisheries and marine educational background we truly believe we can conquer great things and operate a successful aquaculture operation.

Section 8: Market Plan

Provide a description of your basic market plan. For example: Product forms, anticipated price(s), target market, distribution of product and marketing/promotion of product.

In evaluating this section, the Department will review information such as: Clear plans to sell, promote and distribute the product. Feasibility of the market plan. Benefits to the local economy.

Product forms/ anticipated price

Our goal is to produce a lot of Sugar Kelp as much as any buyer is willing to purchase wet since we have the funding from shareholders and the equipment to harvest a lot with a 50 foot commercial vessel equipped with a hydraulic hauler and boom. From market research in Maine they're getting \$1 US a lb, therefore \$0.70 CDN a lb for wet Sugar Kelp would be a reasonable conservative price. As of now no local buyer is willing to buy the Sugar Kelp wet in mass quantities locally, however we're optimistic in regards to future buyers. So this is our first choice selling the Sugar Kelp wet if possible since it would be easier from a logistics standpoint and benefit the local economy. At time of production if we cannot find a local buyer willing to buy mass quantities wet we will most likely freeze until a sale and if still no buyer set up a commercial greenhouse/ dry in fields (fields owned by Marc's parents) with the kelp suspended by rope or on tarps/ cement pad owned by a related individual to dry and purchase a grinder. Selling whole dried, grinded or powdered Sugar Kelp will fetch a much higher price than selling it wet, however it will require more labour from the shareholders/ part time seasonal workers. We feel solar drying would be more efficient and cost effective than commercial dryers and it's how the bulk of rockweed is currently being dried in the region as well. We do realize if we process and distribute there are additional licensing requirements to process and more regulations to follow like CFIA regulations, good manufacturing practices, preventative control plan, HACCP and food labelling regulations to follow.

Distribution of product

For distribution of product, locally it will be done by trucks and trailers (if needed) already owned by the shareholders. If we need to export (United States) it will be done by transport truck/ air freight. If export is done overseas it will most likely be shipped in shipping containers or air freight.

Target market/ marketing/ promotion

At this point we feel if we setup an e-commerce website/ amazon seller/ social media marketing we don't feel like we would sell enough, therefore for marketing/ promotion of product it will most likely be done by the shareholders attending Sugar Kelp/ Seaweed events (Marc has already attended a Sugar Kelp event in Halifax and plan to attend more) to look for buyers and the shareholders plan on directly contacting potential buyers if they're interested. Since we can harvest a lot we would prefer to sell wholesale to a few key buyers and would accept a lower price for wholesaling a lot of pounds. We feel this is a better approach than trying to sell and ship to many customers.


Over the years Marc has presented various presentations/ attended various conferences/ professional development courses and travelled quite a bit as well as his supportive wife whose currently working on her second masters degree on top of a bachelor of arts and bachelor of education and travelled quite a bit as well. Marc's wife who is from the region even lived and worked in Hong Kong for a year so we don't feel travelling and finding new markets by promoting Sugar Kelp grown in Nova Scotia would be a problem.

Benefits to the local economy would be hiring local workers, buying products/ services from local companies and having our seeded lines purchased from [REDACTED] For freight companies if needed (non local freight) we plan on hiring local first if possible (for example local transport truck companies).

Section 9: Financial Plan

Provide a description of your financial ability to carry out the proposed activities. Include a detailed description of your initial start-up costs and how you plan to fund these costs until you are reporting income, providing documented evidence where possible. Provide or attach a detailed breakdown of your anticipated annual revenue and expenses starting from the year of start-up to the year you are reporting income (e.g. EBITDA for one production cycle forward). Include the costs for any equipment, supplies or infrastructure. Include the type, amount and source of any financing or funding used or anticipated.

In evaluating this section, the Department will review information such as: A clear understanding of the financial requirements associated with starting and maintaining an aquaculture operation, a reasonable and achievable plan for obtaining the funds necessary to carry out the proposal and an appropriate amount of time required to become profitable.



Section 10

How does your proposed development plan along with your unique combination of expertise, experience and resources position you as the most suitable proponent? Refer to the call for proposals to determine if there is any additional information being requested as part of your proposal. Include any other information that you would like to be considered in review of this proposal.

██████████ is 100% owner of Finley Marie Fisheries Limited owns a fishing vessel that's 50 feet long already equipped with a boom and a hauler and has berthage at ██████████ which is a closed wharf meaning they're not accepting new vessels at the wharf and this wharf is of close proximity to the proposed area. Marc's father also 100% owns a commercially zoned property with a private boat launch where ██████████ currently keeps 2, 18 foot rockweed skiffs with quite new yamaha outboards that we plan on using for aquaculture as well. On top of this Finley Marie Fisheries Limited owns a flat bed trailer, a lot of rope, buoys, anchors, balloons, land and storage area.

To monitor the site we plan on using ██████████ rockweed skiffs and we will be using Marc's father's commercial property to launch the boats for site maintenance. In winter conditions we can also fly a drone from this area. As far as we're aware it's the closest boat launch from West Pubnico to the site and one of the closest properties to the site. For site maintenance we plan on using the rockweed skiffs. For Sugar Kelp harvest we plan on using Finley Marie Fisheries Limited 50 foot fishing vessel with a big deck space with winch/ boom and fitted with hydraulic haulers and has aeration pumps for live wells (water circulation tanks) to keep the kelp fresh (shares of Finley Marie Fisheries Limited 100% owned by the shareholder ██████████).

With the combination of skills, education, prior business success, assets already owned by individuals, related parties and access to ██████████ Wharf and an alternative private boat launch we believe we're the best suited candidates. We essentially already own all the assets for a sugar kelp operation and have very easy access to the site. We also each grew up in the community of Pubnico and still each reside in Pubnico as well where the site is located.

We do plan on heavily expanding in Sugar Kelp as soon as we can find a buyer and we plan on producing as much as a buyer can purchase and as previously discussed we already own all the assets personally or through companies owned by the shareholders to operate a Sugar Kelp farm (1 aluminum skiff with trailer, 2 rockweed skiffs, 50 foot commercial fishing vessel, personal watercraft, flat bed trailer, 2 crew cab 4x4 trucks, land for storage, storage buildings, lots of rope, anchors, buoys, balloons, fish boxes and crates).

As previously discussed the shareholder's own other businesses and this one was specifically incorporated in 2021 for these ADA's so we've been impatiently waiting for a site for a while with countless hours of research attending events and do intend on using assets either owned personally or through related businesses to operate this business. Any future assets/ operating expenditures will be paid for by this business.

We're now each approaching our mid 30's and have persistently been working many hours all year long since very early teenage years and have been successful in post secondary education/ business ventures and want to be pioneers in this new industry for Nova Scotia and we currently have many working years left. We're also use to travelling/ conducting presentations/ attending meetings in person or by teleconference/ being part of board of directors and do intend on attending events related to this industry and willing to travel to obtain new markets and promote this new and emerging industry for Nova Scotia.


Public Notice and Disclosure

You are advised that, in the event of a successful proposal and in accordance with Aquaculture Licence and Lease Regulations, the Department will disclose the proponent's name, the nature, geographic area, and scale of the proposed development associated with the call for proposals.

Privacy Statement

The personal and business confidential information collected as part of this form will only be used or disclosed by the Nova Scotia Department of Fisheries and Aquaculture for the purpose of deciding on the calls for proposals and any subsequent application made, should you be the successful proponent. All 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, understood, and accept the above statements regarding the collection, use, and disclosure of the information provided on this form. I also hereby certify that the information provided within and accompanying this form is true and correct.

Signature of Proponent or Authorized Representative:	
Date:	June 14, 2024

Submit completed form via email (preferred method), mail or fax to:

E-mail (preferred method): aquaculture@novascotia.ca

Mailing Address:

Nova Scotia Department of Fisheries and Aquaculture, Licensing & Leasing
1575A Lake Rd, Sandy Point, NS B0T 1W0

Fax: 902-875-7429

Office: 902-875-7439

Aquaculture Development Area Site: 8038

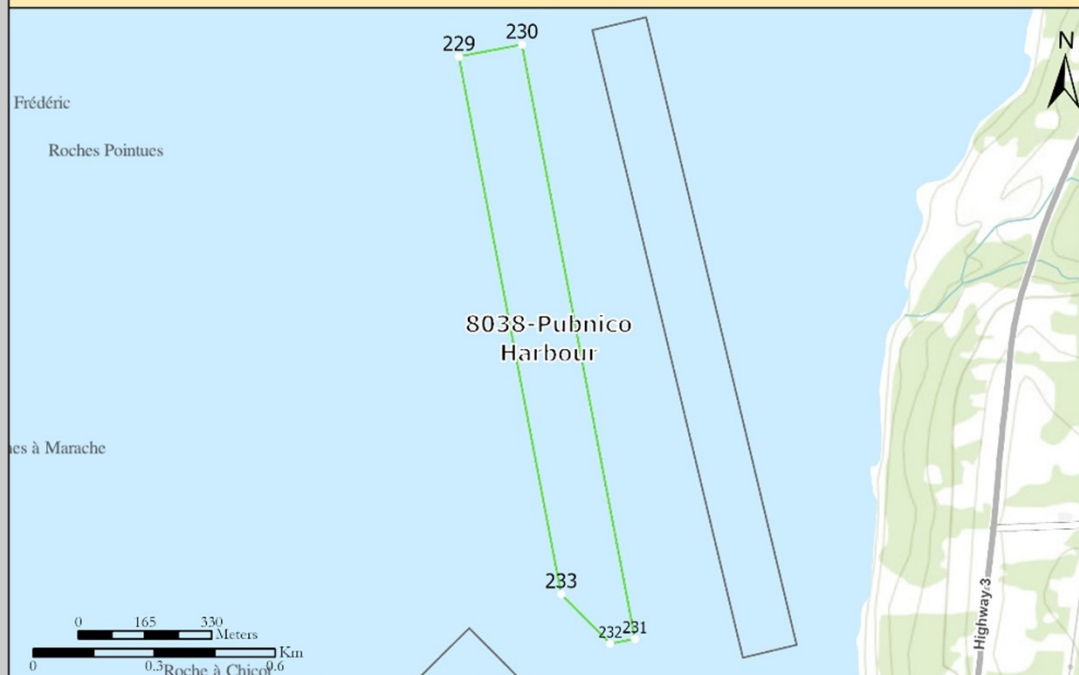
8038 Site Location:



8038 Site Coordinates:

Corner ID	Latitude	Longitude
229	43° 39' 46.769"	-65° 46' 53.782"
230	43° 39' 47.900"	-65° 46' 46.861"
231	43° 39' 0.494"	-65° 46' 32.167"
232	43° 39' 0.052"	-65° 46' 34.874"
233	43° 39' 3.900"	-65° 46' 40.493"

8038 Site Detail:



Disclaimer: This map should not be used for navigation or legal purposes. It is intended for general reference use only.

Portage of Nova Scotia, Eau Canada, Eau, TerreTon, Gacina, SiteGraph, FQ, METI/NASA, USGS, USFWS, NRCAN, Parks Canada, Eau Community Map, Contributors, Province of Nova Scotia, Eau Canada, Eau, TerreTon, Gacina, SiteGraph, GeoTechnologies, Inc, METI/NASA, USGS, US Census Bureau, USFWS, NRCAN, Parks Canada, Eau, NASA, NOAA, USGS, CHS, Eau, GEBCO, Gacina, NatureVie



- ADA Call for Proposal Site
- Other Approved ADA Site
- Issued Shellfish Lease outside ADA
- Issued Fish Lease outside ADA
- Proposed Fish Lease outside ADA

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Coordinate System: NAD 1983 CSRS UTM Zone 20N

Application for a Marine Aquaculture Licence and Lease within an ADA

This form is to be completed by the successful proponent selected by the Administrator or, in the case of a corporation, an authorized representative.

Name of Successful Proponent:	Current Sea Products Inc,
Name of Authorized Representative (if applicable):	

ADA Site (AQ#)	8038
Application File No. <i>(if no file number was provided to you, leave this field blank)</i>	

Development Plan

A Development Plan is required to be submitted with this application and must contain all required information. Refer to the separate document titled "Guide for Marine Aquaculture Licence and Lease Within an ADA Development Plan" for how to complete a development plan.

Fees

A non-refundable application fee is required in order to process your application. Please contact the Department of Fisheries and Aquaculture (the "Department") if you have not yet received an invoice. See below for how to submit the fee required.

Payment may be submitted via the following options:

- Cheque or money order, payable to the **Minister of Finance and Treasury Board**
- Credit Card via the Online Payment Portal, at the following website:
https://accesstobusiness.snsmr.gov.ns.ca/a2b_web/fishAquaculture

Public Notice and Disclosure

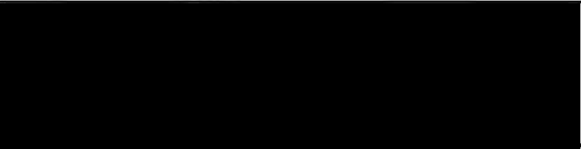
As part of the process for deciding on an aquaculture application, the Department may disclose application information (and prior proposal information) to other government bodies. In accordance with Departmental policy, which seeks to promote public involvement in the process for deciding on aquaculture applications, the Department may disclose application information

(and prior proposal 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 the Department 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 Proponent or Authorized Representative:	
Date:	April 19, 2025

Submit completed form via mail, email or fax to:

Mailing Address:

Nova Scotia Department of Fisheries and Aquaculture, Licensing & Leasing
1575A Lake Rd, Sandy Point, NS B0T 1W0

E-mail: aquaculture@novascotia.ca

Fax: 902-875-7429

Office: 902-875-7439

SECTION 1: EXECUTIVE SUMMARY

Current Sea Products Inc. is applying for site number 8030 which is an Aquaculture Development Area (ADA) in Pubnico Harbour. We're applying to grow Sugar Kelp which is already growing naturally in Pubnico Harbour. We plan on using the Sugar Kelp which is already growing naturally in Pubnico Harbour and spore it out to seeded lines to grow it out in the ADA. Current Sea Products Inc. is a Canadian Controlled Private Corporation with the two shareholders being Marc Currans and [REDACTED] who both grew up in Pubnico and currently each reside in Pubnico as well.

Sugar Kelp is a rapidly growing industry in various countries and still in the infancy stage here in Nova Scotia. Sugar Kelp is being used in food, fertilizer, liquor, bio plastics, pharmaceuticals, cosmetics and biofuel with research being done for many other different products as well.

As opposed to traditional farming Sugar Kelp uses no pesticides, no fertilizer, no feed and no fresh water meaning it's an eco-friendly alternative as compared to traditional farming on land. Sugar Kelp also reduces ocean acidity, takes out carbon from the ocean which will improve the water quality in Pubnico Harbour.

This ADA is located outside of a channel up north of Pubnico Harbour, therefore not in any navigational ways to any boaters and nobody currently fishes in this ADA. The seeded lines will go in the water in November with the Sugar Kelp being harvested from April to early June (depending on its growth). After all the Sugar Kelp has been harvested all the parallel long lines will be removed from the water until next growing season.

Between the two shareholders they already own many assets to operate this business as detailed in section 2. As you can see all we pretty much need to buy are seeded lines and we plan on scaling this operation as big as we can as long as we can find buyers to buy the Sugar Kelp we harvest.

In summary our goal is to have a sustainable, eco-friendly and regenerative ocean farming business which would then provide economic benefits to our community in which we have personally volunteered many hours to various organizations to make our community a better place. When we heard there was a pilot project for these ADA's we looked into it to see what it was all about and upon doing countless hours of research on Sugar Kelp also known as Kombu and being proactive people by nature, we seen our chance for an opportunity where sustainable economic prosperity can co-exist with improving the environment so we decided to go for it. We're excited to try this new and emerging industry for Nova Scotia and willing to work with various stakeholders and academia to grow this new industry for Nova Scotia.

SECTION 2: PRODUCTION PLAN

Production plan

Our Sugar Kelp farm will consist of submerged parallel long lines tied by anchors on each end.

Given the large proposed area, we first plan on having enough space between the parallel long lines so it does not get tangled in each other during storms/ strong tides.

Year number 1 will be our research and development year to develop best practices and see what works and what doesn't. We anticipate on using 10 spools of seeded lines with each spool being 200 feet in length. We anticipate a yield of 5 lbs per foot for a total of 10,000 lbs. These will be spread throughout the site to see where it grows best.

Year number 2 if all goes well with year number 1 and there are buyers to buy all the Sugar Kelp we harvest we intend on spacing the parallel long lines 100 feet from each other (West to East) and 400 feet in length which would make 2 spools of seeded line per parallel line (200 feet of seeded line comes per seeded line spool). This results in 400 feet of seeded lines per acre on average.

When we convert 23.15 hectares into acres it gives us 57 acres. Meaning we can use 114 spools of 200 feet Sugar Kelp Seeded line which will make 22,800 feet of rope. The approximate anchors to be used would be 114 (1 anchor tied to each end of 400 feet line). At a yield of 5 lbs per foot this will produce 114,000 lbs (5 lbs a foot x 22,800 feet).

Please note since this is a new industry locally, we will be conducting research and development to determine what works best to grow. Therefore, if we happen to run into some problems or can't find enough buyers to buy all the Sugar Kelp it may be possible we will not hit our year #2 target. Saying this we do plan on putting lines each year for research and development purposes and put as many lines to harvest what the buyers are willing to purchase.

In the future if we have a buyer willing to purchase a lot of Sugar Kelp we can start spacing the parallel long lines closer together to produce more. From research it is possible to grow 40,000 lbs. per acre at absolute maximum capacity with a good growing yield. However, growing this much will run into problems finding enough seeded lines and buyers willing to handle this amount of lbs. Saying this we do plan on growing out as much as a buyer is willing to purchase and as long as we have enough seeded lines. Sugar Kelp takes about 6 months to grow from a seeded line to harvest.

For our seeded line supplier there is one locally in Pubnico which we have confirmation that she can supply enough seeded lines for year #1. In the future if she cannot keep up with our orders, we may need to apply for a land based nursery license to supply our own seeded lines or seek alternative seeded line suppliers in the Province of Nova Scotia.

Infrastructure

Between the two shareholders they already own a storage shed, garages, shipping container, 50-foot fishing vessel equipped with a boom and hydraulic hauler, 2 rockweed skiffs, aluminum

boat, Sea-Doo, 2 crew cab 4x4 trucks, flat bed trailer, boat trailer, fish boxes, tote boxes, lobster crates, anchors, balloons, buoys and lots of rope. The 50-foot fishing vessel currently has berthage in Pubnico Harbour and we have access to a private boat launch as well for the skiffs. So, no new infrastructure will need to be purchased.

Services and suppliers

Since our proposal, we don't have any changes to services and suppliers. All fuel, gas, repairs and maintenance, supplies, welding, insurances, seeded lines will be purchased from businesses in Pubnico so this will benefit the local municipal economy. Corporate and payroll taxes will benefit the federal and provincial government.

Employment

Since this is a seasonal business, the two owners Marc and [REDACTED] both plan on working hands on in the business so this will be technical in nature. Putting out seeded lines and harvesting and site maintenance.

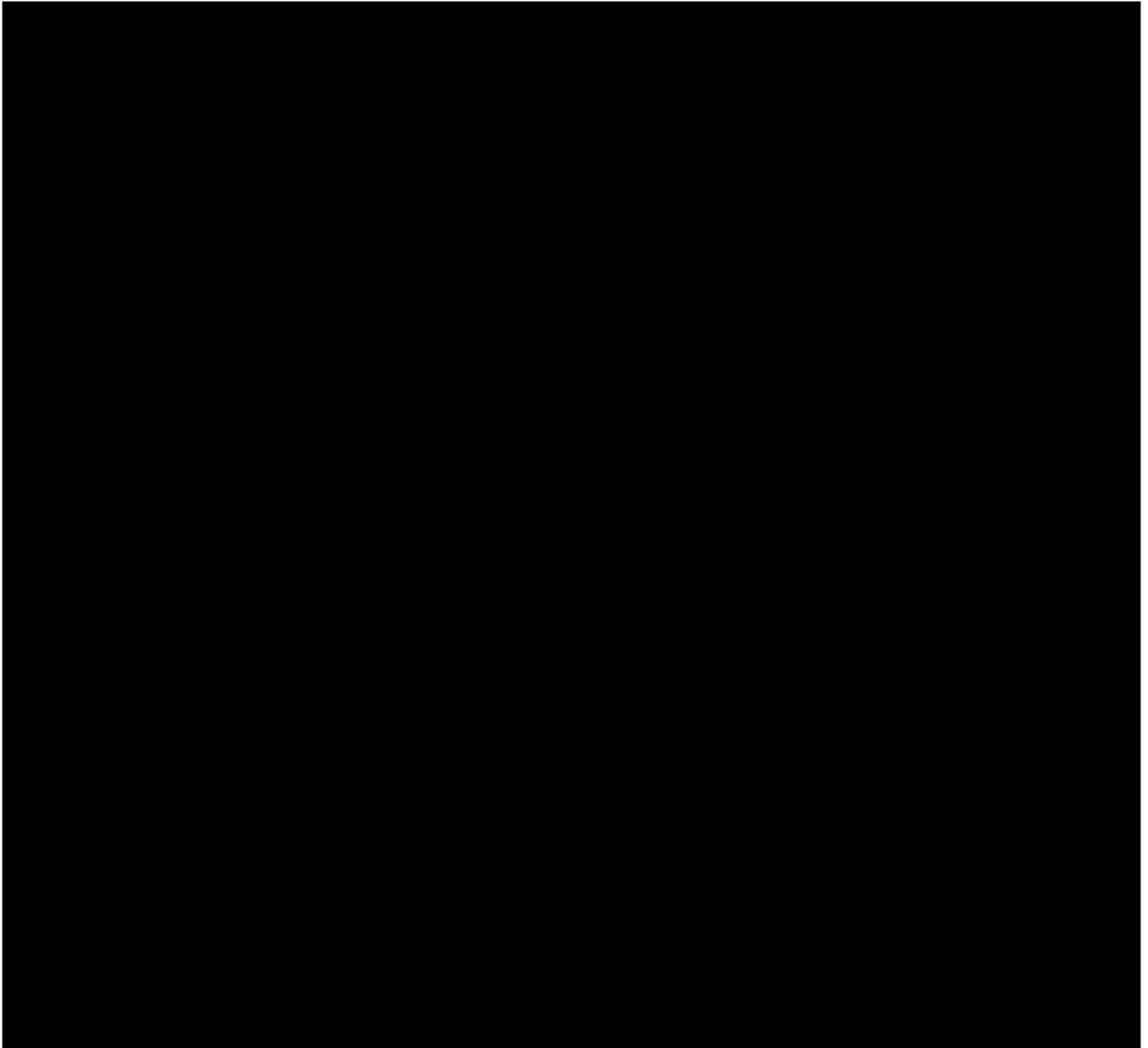
Due to [REDACTED] having his Fishing Masters 4th Class, Marine First Aid, Marine Medical Certificate, Radio Operator Certificate, Pleasure Craft Operator Card, WHIMIS and GHS, many years as master of a vessel and vast knowledge of the oceans, [REDACTED] will captain the 50-foot fishing vessel and take the lead on deploying the seeded lines and setting up the lines as well.

Marc who is a CPA, CA will be taking a managerial/ administrative role by filing payroll remittances, filing HST and corporate taxes and doing the payroll and bookkeeping as well. Marc will also look to be in compliance with all rules and regulations as well so even though this business is seasonal in nature there's work to be done all year round. Marc also received his pleasure craft operator card at the young age of 12 years old and has navigated ever since so Marc will also captain the skiffs.

For year number 2 of production cycle, we will need another seasonal technical employee and as we expand need more on an as needed basis.

SECTION 3: BUSINESS PLAN

Financial plan



Market plan

Product forms/ anticipated price

Our goal is to produce a lot of Sugar Kelp as much as any buyer is willing to purchase wet since we have the funding from shareholders and the equipment to harvest a lot with a 50-foot commercial vessel equipped with a hydraulic hauler and boom. For a market price we are using a conservative number of \$0.70 CDN a lb for wet Sugar Kelp. As of now no local buyer is willing to buy the Sugar Kelp wet in mass quantities locally, however we're optimistic in regards to future buyers. This is our first choice selling the Sugar Kelp wet if possible since it would be easier from a logistics standpoint and benefit the local economy. If we do obtain this ADA we do plan on joining an online platform that connects farmers to buyers/ processors. This online platform is used by Canadian and US farmers/ seed suppliers and buyers and processors.

Distribution of product

For distribution of product, locally it will be done by trucks and trailers (if needed) already owned by the shareholders.

Target market/ marketing/ promotion

At this point we feel if we setup an e-commerce website/ amazon seller/ social media marketing we don't feel like we would sell enough, therefore for marketing/ promotion of product it will most likely be done by the shareholders attending Sugar Kelp/ Seaweed events (Marc has already attended a Sugar Kelp event in Halifax and plans to attend more) to look for buyers and the shareholders plan on directly contacting potential buyers if they're interested. Since we can harvest a lot of lbs. we would prefer to sell wholesale to a few key buyers. We feel this is a better approach than trying to sell and ship to many customers. As mentioned above we do plan on

joining an online platform that currently exist that connects farmers to buyers/ processors as well.

Over the years Marc has presented various presentations/ attended various conferences/ professional development courses for another business/ school and travelled a lot so we don't feel travelling and finding new markets by promoting Sugar Kelp grown in Nova Scotia would be a problem.

SECTION 4: SITE DESIGN

The shape of this ADA is a narrow rectangle site running in a northwest to southeast direction which is also the direction that the gear would be placed.

Nova Scotia Department of Fisheries and Aquaculture have already collected underwater video footage using a submersible camera and there was no indication of eelgrass and the bottom was of soft, fine mud sediment throughout the site.

The site has a relatively consistent depth of around 1 to 3 meters which was collected at the lowest low water during large tide. Depths in this area will vary as much as 3 to 4 meters between high and low tides. To account for potential ice (there's not ice every winter in this site) we will need to put the seeded lines well below water level. There have been successful farms in the United States that have grown Kelp in 12 to 18 inches of water at low tide which is a lot less water so we can make it work.

Year #1 will be the research and development year to see what works and what doesn't work. We will use a mixture of anchors that are used in lobster fishing and we will try concrete anchors as well (these are not traditionally used in lobster fishing locally). Year #1 there will be 10 anchors. For our plan view drawing we have illustrated at maximum capacity which we anticipate 114 anchors. These will be tied to 400 feet rope of seeded lines. So one anchor tied to each end of a seeded line.

We anticipate to submerge the seeded lines in November and we plan to harvest the Kelp between April and May. Once the Kelp is harvested, the lines and anchors will be removed from the site.

We will also be in regulations with Transport Canada requirements for site marking buoys that will clearly show the site's location.

We will use the skiffs and 50-foot fishing vessel to deploy the lines and anchors and use the skiffs for site maintenance. For harvesting, we will use the skiffs and 50-foot fishing vessel as well. The 50-foot fishing vessel is equipped with a boom and hydraulic hauler so it has the power and room to lift lines and anchors.

We have sent in an application for Transport Canada's approval for our site design and at the time this development plan was sent we're waiting for a response.

The coordinates of this ADA are: N 43° 39' 24.3077", W 65° 46' 43.1181".

Appendix A shows a plan view drawing (top-down).

Appendix B shows a profile view drawing (side-view).

Appendix A

530 feet width

57 seeded lines at maximum with
seeded lines 400 feet in length

100 feet spacing between lines
West to East

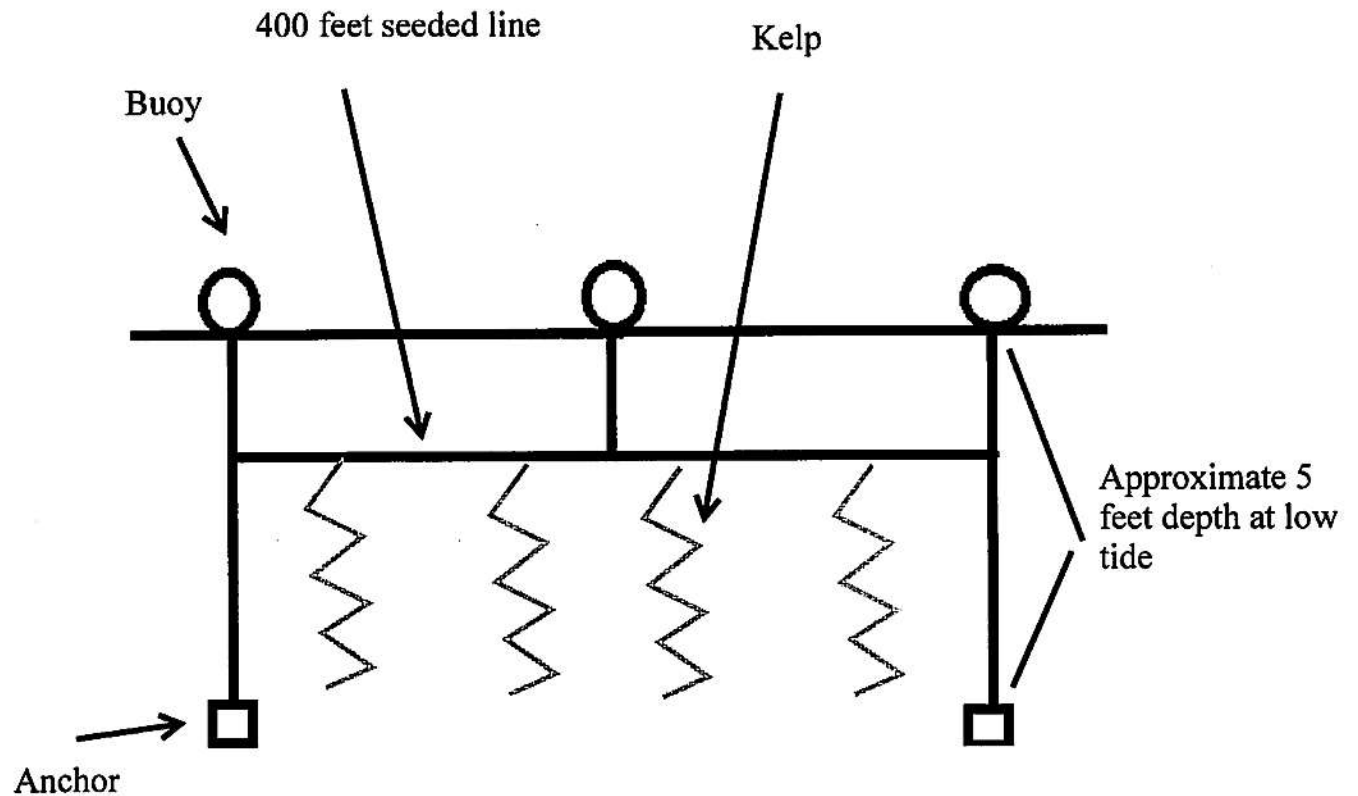
50 feet spacing between
lines North to South

Pubnico
Harbour

Disclaimer: Please note this is not exactly to scale

Appendix B

From low to high tide there's a range of about 3 to 4 metres. This illustrates at low tide.



Disclaimer: Please note this is not exactly to scale