

*Hodder's Shellfish Inc.*

*211 Main Street*

*Stoneville, NL*

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*Environmental Assessment  
Application*

*Environmental Assessment r  
Division*

*Dep. Environment and  
Conversation*

*St. Johns, NL*

*Written by Alisha Hodder for any further questions please don't hesitate to contact  
me. Please find contact information inside.*

April 29, 2104

*Environmental Assessment Application for Hodder's Shellfish INC.*

Hodder's Shellfish Inc. Request permission for the construction of a Fish Processing Facility, located outside the town boundaries of Stoneville; in the electoral district of Lewisporte.

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The Undertaking:

(i) Hodder's Shellfish Inc. Fish Processing Facility

(ii) Hodder's Shellfish Inc. is a new company formed in 2012. We at Hodder's Shellfish are a registered fish processor through the Department of Fisheries and Aquaculture. The Species that we specialize in, is the Sea Urchin.  
During the year of 2013, which was our first year in production we leased a facility in Carmanville, to carry out our business. Because we now have experience in the field we

have a greater knowledge of the procedure, physical requirements of the facility, waste, waste disposal, chemicals and hazards of our business.

We need to construct our own facility in order to properly accommodate our needs. The facility that we leased during last season was mainly a spring/summer facility and our operation is September – April. The leased facility was not winterized and we incurred a lot of unnecessary troubles. With our own, new facility we can overcome all of these issues.

The area that we have chosen to construct our facility is located outside the infilling limits of Stoneville in the electoral district of Lewisporte.

The area of land that we selected is not located next to any Residence, Business, Park or any other place of interest for the public. The approximate distance from the last residential site is 400 meters.

We indicated that we would like to be as close to the Salt water edge as possible, for easy water access.

At this time our facility does not see the need for wharf construction, all of our product arrives to our facility by truck, and it leaves the same way.

#### Geographical Location:

- (i) Please see attached maps supplied by Crown lands.

#### Physical Features:

- (i) Hodder's Shellfish Inc. is planning to construct one building with approx. Dimensions of 30X100 feet. In our one single building we intend to have office space, staff washrooms, break room, storage space, production floor and Cooler.

The geographical position of the land that we applied for will warrant us to construct a driveway, approx. 200m. The property currently has no existing pipelines or transmission lines.

The Area of land that we have chosen is currently a wooded area, this area is not protected under any wildlife or sanctuary acts. The water edge is not deep it is a beach that will gradually get deeper the further you extend into the ocean, therefore marine fish and wildlife are not attracted to this area. The water body that we are located next to Dog Bay, is also not protected under any Government Acts.

## Construction

- (i) We anticipate that the construction period will last 10-12 weeks. We will need to start this process no later than June 1, 2014
- (ii) After careful review of all aspects of our company, we concluded that there will be very little to no pollutants.
  - a. The construction process will be done by a hired contractor and his team will consist of 4-5 people. They will construct our building in the same manner as they would build a home. The building will be done according to CFIA Regulation, and there will be a septic design put into place according to licensed designer specifications.
  - b. There will have to be electricity poles erected, for our power supply, telephone and internet needs. This will be done by certified employees from each designated company.
  - c. Our fresh water needs will be supplied by our local town (Stoneville) approved water supply.

## Operation

- (i) As of this time we only operate our facility from September to April.

The operation of our facility is very simple, mostly manual labor. We don't require machinery, conveyer belts or any other typical fish plant equipment.

Our product is shipped to the doors of our plant with a truck, and then it is taken from the truck and placed into the plant, remaining in the same fish tote it was collected in.

Our production area of the facility has stainless steel tables and a very simple salt water system along the wall. The fresh product is manually lifted into the production area and spread along the table and cracked manually with a stainless steel hand device.

Once cracked the plant workers, which are standing on the opposite side of the table begin to spoon the desired content from the shell. At which time they will place the desired product into a collection container and toss the empty shell into an empty fish tote placed at their feet.

Once the collection container (Approx. 1 lbs) is full we transfer the product to a plastic basket and clean the product with stainless tweezers. At this point the cleaned product is placed in a Rubbermaid container containing salt water, awaiting the solution mixture.

Our Facility will require at least one fiberglass tank for us to mix our solution. The solution ingredients are salt, water and Aluminum Potassium; all ingredients are food Grade, and approved by the CFIA. Please see attached documents.

Normally, twice during the day we collect the cleaned product from the salt water Rubbermaid containers and place it in the solution tank for the required time. Once the

required time is met, we take the baskets of cleaned product and place it in the packing room.

When the product arrives to the packing room it is stacked properly to ensure proper water drainage. After the product is dry enough it is then manually packed into 100g containers, graded, stored properly into Styrofoam boxes and placed into the cooler; awaiting the trip to St. John's Airport.

During the day the empty shells are collected from the production floor and are placed in containers and will be brought to designated dump sites.

At the end of every shift we clean the production area with water and only CFIA approved cleaners.

All of our liquid Effluents will go into our septic system.

Our facility will not have airborne emissions.

#### Waste Disposal

- (i) The waste from our facility will be created mainly from empty shells, these shells are dumped at designated waste disposal areas ie. Norris arm waste disposal area. The amount of waste that is created varies depending on many factors. For example the amount of fishermen fishing, and the landings of their catch. On a normal day we have the ability to process 4000 lbs of sea urchin, depending on the quality of the product we usually end with 350 lbs of finished product. This will leave 3650 lbs of empty shell waste, however there is approx. 30% of water that drains from our initial catch so in fact there is approx. 2555 lbs of waste created. Please note that these numbers vary, and are not exact. Usually, we dispose of the waste 3 times weekly. But again this is based on a full week of processing. However we do not keep waste any longer than 3 days.
- (ii) Alum potassium is the only chemical that we use with our product. The Alum is dissolved in water before we place our product in it, and when we are finished for the day, we drain the tank and all of its contents flow to our septic system.
- (iii) At this time I don't know the specifics of the size of septic that we will require, but upon approval of the land site, these details will be available. We plan to have our septic system designed by only an approved Service Canada employee.

#### Occupations:

- (i) During the construction we expect to have a contracting company with 4-5 employees, and we expect the building process to take 10-12 weeks.

Last season our facility employed 23 people; 4 were men and the remainder were women. Our operation will employ at least one skilled office person, and at least one skilled truck driver. The rest of the employees can be trained to do the job requirements, there is no special training needed.

## Attachments

Please find attached

- a. Maps of designated area
- b. Approval letter for Alum Potassium