

## **Findings and Decision- Renewal Application of Corkums Island Mussel Farm for AQ#0041**

### **1. Overview:**

On November 18, 2015, the Nova Scotia Department of Fisheries and Aquaculture (NSDFA) received an application from Corkums Island Mussel Farm to renew Aquaculture Licence and Lease #0041 (AQ#0041), as described below:

Table 1. Description of Aquaculture Licence and Lease #0041

|  |   |
|--|---|
| <b>Type:</b> Marine Shellfish                    | <b>Size:</b> 8.50 HA  |
| <b>Number:</b> AQ#0041                           | <b>Cultivation Method:</b> Suspended shellfish method   |
| <b>Applicant:</b> Corkums Island Mussel Farm     | <b>Species:</b> Blue mussel, American oyster, Giant sea scallop, European oyster, Bay scallop |
| <b>Location:</b> Lunenburg Bay, Lunenburg County | <b>Proposed Term:</b> 10 year Licence/20 year Lease   |

### **2. History**

AQ#0041 was first issued on February 15, 2001 for a five year term (March 4, 2001 to March 4, 2006). AQ#0041 was renewed on March 7, 2006 for a five year term (March 4, 2006 to March 4, 2011). AQ#0041 was renewed on June 20, 2011 for a five year term (March 4, 2011 to March 3, 2016).

### **3. Procedure**

#### *3.1 Performance Review*

A performance review of the information submitted by the operator in support of their renewal application was completed. This review recommended that the site be renewed based on the technical and biological assessment. This performance review is required pursuant to Subsection 72(c) of the Aquaculture Licence and Lease Regulations, and was completed on February 26, 2016.

#### *3.2 Public Comment Period*

Notice of the application for the renewal of AQ#0041 for the 30-day public comment period was published on NSDFA's website (<http://novascotia.ca/fish/aquaculture/public-information/>) for the period of March 3, 2016 to April 1, 2016. Notice of the application was also published in the Royal Gazette Part I on March 2, 2016, March 9, 2016, March 16, 2016, and March 23, 2016.

#### *3.3 Submissions*

Zero submissions were received by NSDFA during the 30-day public comment period.

### **4. Factors to be considered**

AQ#0041 is one of five aquaculture sites currently issued to Corkums Island Mussel Farm. Records indicate that this site is used in conjunction with other sites held by the operator as part of a multi-site operation. The renewal plan indicates continued production is planned for this site

and therefore resulting employment. Should the operator not operate the site as indicated, the Department's site utilization review procedures will be triggered

The performance review and subsequent public comment period did not note the presence of other fishery activities in the area of the site. There were no ecological concerns identified in the past performance of this site with respect to negative impacts on other fisheries. Records indicate past impacts on production by both ducks and invasive tunicates. AQ#0041 is licensed to cultivate shellfish species, and as such there is no evidence that shellfish aquaculture has impacts on the sustainability of wild salmon. The successful growth of shellfish in the waters surrounding Corkums Island is proven.

The information reviewed during the performance review did not indicate adverse impacts on the surrounding public waters. There are no recorded instances on file of AQ#0041 interfering with other users of the public waters surrounding the operation. AQ#0041 is authorized to cultivate shellfish using suspended gear, and as such the gear must remain within the geographic boundaries of the site. Section 55 of the *Licence and Lease Regulations* requires an aquaculture licence holder to mark each of their sites in a manner determined by the Minister (see below) and keep each site marked during the term of their licence.

AQ#0041 is located in the nearshore environment, in Upper South Cove, approximately 200 metres from the shoreline on both the eastern and western boundaries. The nearest aquaculture site to AQ#0041 is AQ#0243, which is located approximately 500 metres away and is also licensed to Corkums Island Mussel Farm. Thus, the physical separation of AQ#0041 from the shoreline and neighbouring aquaculture sites provides for multiple corridors within the harbour. AQ#0041 is one of five shellfish aquaculture sites located in the waters surrounding Corkums Island, all of which are held by Corkums Island Mussel Farm Ltd. There is no evidence to suggest that the extent of existing aquaculture in the harbour has exceeded the carrying capacity of the harbour.

## **5. Decision**

Based on the considerations above, Aquaculture Licence #0041 shall be renewed for a period of 10 years (March 4, 2016 to March 4, 2026) and Aquaculture Lease #0041 shall be renewed for a period of 20 years (March 4, 2016 to March 4, 2036).

The Licence and Lease documents shall be prepared in accordance with the standard operating documents of NSDFA, and shall be made publically available subject to the provisions of the *Freedom of Information and Protection of Privacy Act*.

## **6. Conditions**

In addition, the following conditions shall apply:

1. The Lease and Licence shall be renewed in the name of as 'Dale and Diana Cook carrying on business under the name of 'Corkums Island Mussel Farm'
2. The operator shall adhere to the following site marking requirements:

- a) mark all corners of the leased site with cautionary yellow buoys of a minimum of 60 cm in diameter;
- b) mark all corners of the leased bottom with a cement block or similar device of a weight sufficient to ensure the cement block or device remains in place at all times; and
- c) display the licence or lease number at 1 corner of the licensed or leased area.

*Brennan Goreham*

**Brennan Goreham**  
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**Nova Scotia Department of Fisheries and Aquaculture**

*5/3/16*  
**Date**