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Findings and Decision- Renewal Application of Aquaprime Mussel Ranch Ltd. for AQ#0184

1. Overview:

On, the Nova Scotia Department of Fisheries and Aquaculture (NSDFA) received an application on August 13, 2018 from Aquaprime Mussel Ranch Ltd. to renew Aquaculture Licence and Lease #0184 (AQ#0184), as described below:

Table 1. Description of Aquaculture Licence and Lease #0184

Type: Marine Shellfish	Size: 4.92 HA
Number: AQ#0184	Cultivation Method: Suspended cultivation
Applicant: Aquaprime Mussel Ranch Limited	Species: Blue mussel and Giant sea scallop
Location: Ship Harbour, Halifax County	Proposed Term: 10 year Licence/20 year Lease

2. History

AQ#0184 was first issued to Bruce Osborne and Stewart Ferguson on February 16, 1994 for a ten year term (February 21, 1994 to February 21, 2004). AQ#0184 was assigned on March 20, 1995 from Bruce Osborne and Stewart Ferguson to Stewart Ferguson and Ann MacGregor. AQ#0184 was assigned on February 17, 1998 from Stewart Ferguson and Ann MacGregor to Aquaprime Mussel Ranch Limited. AQ#0184 was amended on February 17, 1998 to authorize the cultivation of Giant sea scallops. AQ#0184 was renewed on March 31, 2004 for a five year term (February 21, 2004 to February 21, 2009). AQ#0184 was renewed on July 7, 2009 for a five year term (February 21, 2009 to February 20, 2014). AQ#0184 was renewed on June 18, 2014 for a five year term (February 20, 2014 to February 20, 2019). AQ#0184 was assigned on April 26, 2018 to new ownership of Aquaprime Mussel Ranch Limited.

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(d) of the Aquaculture Licence and Lease Regulations and was completed on November 1, 2018.

3.2 *Public Comment Period*

Notice of the application for the renewal of AQ#0184 for the 30-day public comment period was published on NSDFA's website (<http://novascotia.ca/fish/aquaculture/public-information/>) for the period of October 11, 2018 to November 9, 2018. Notice of the application was also published in the Royal Gazette Part I on October 10, 17, 24, 30, 2018.

3.3 *Submissions*

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

4. Factors to be considered

AQ#0184 is one of seven shellfish aquaculture sites currently held by Aquaprime Mussel Ranch Limited. Records indicate consistent production and resultant employment. The renewal plan indicates continued

contributions to the local economy through a processing and shipping facility. Should the site not be operated 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 impacts of invasive species and duck predation, with mitigation efforts on-going to address these challenges. AQ#0184 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 blue mussels in Ship Harbour 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#0184 interfering with other users of the public waters surrounding the operation. AQ#0184 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 and keep each site marked during the term of their licence. The operator must also continue to hold approval from Transport Canada as it relates to navigable waters. Also, it is a requirement for the equipment and aquacultural produce to remain within the geographic boundaries of the site.

AQ#0184 is located to the northwest of Welsh Point in Ship Harbour, east of AQ#1242 (also issued to Aquaprime Mussel Ranch Limited). It is one of seven sites currently issued in Ship Harbour (all issued to Aquaprime Mussel Ranch Limited). AQ#0184 is located in the nearshore environment. The physical separation of AQ#0184 from the shoreline and neighbouring aquaculture sites provides for multiple corridors within the harbour. There is no evidence to suggest that the extent of existing aquaculture in the harbour has exceeded the carrying capacity of the harbour.

Decision

Based on the considerations above, Aquaculture Licence #0184 shall be renewed for a period of 10 years (February 20, 2019 to February 20, 2029) and Aquaculture Lease #0184 shall be renewed for a period of 20 years (February 20, 2019 to February 20, 2039).

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



Brennan Goreham
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Nova Scotia Department of Fisheries and Aquaculture

12/5/18

Date