



Communities,
Land and
Environment

Communautés,
Terres et
Environnement



Office of the Minister
PO Box 2000, Charlottetown
Prince Edward Island
Canada C1A 7N8

Bureau du ministre
C.P. 2000, Charlottetown
Île-du-Prince-Édouard
Canada C1A 7N8

June 19, 2017

Aqua Bounty Canada Inc.
c/o Dawn Runighan, Facility Manager
718 Route 319
Fortune, PE C0A 2B0

Dear Ms. Runighan:

Please be advised that the Environmental Impact Assessment (EIA) application for amendment dated April 12, 2017 has been reviewed by the Department of Communities, Land and Environment (herein “the Department”). Pursuant to subsection 9(1) and clause 28(d) of the *Environmental Protection Act* R.S.P.E.I. 1988, Cap. E-9, I consider it necessary and in the public interest to alter the terms and conditions of the June 10, 2016 Environmental Impact Assessment (EIA) Approval issued to Aqua Bounty Canada Inc. to proceed with the proposed undertaking, specifically the acquisition and redevelopment of an existing finfish aquaculture facility on provincial parcel #'s 849505 and 1022300 at Rollo Bay West, Kings County, Prince Edward Island.

I, therefore, order that clauses 1 and 2 be deleted from the EIA Approval dated June 10, 2016 and replaced with the revised clauses below:

1) That Aqua Bounty Canada Inc. shall carry out the project as documented in the Final Amended Environmental Impact Statement, Proposed Redevelopment of Snow Island’s Atlantic Sea Smolt Ltd. Facility, 1300 Route No. 2 (Parcel Nos. 849505 and 1022300), Rollo Bay West, Kings County, PEI dated June 14, 2017, including Appendix F and any associated addendums and related follow-up correspondence.

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2) That Aqua Bounty Canada Inc. shall sample the influent to the facility at the groundwater inlet of each building (including the grow-out, broodstock and hatchery buildings), the effluent at the outlet of the settling pond and the combined effluent from the broodstock and grow-out buildings prior to discharge to the watercourse. Samples shall be collected on a monthly basis for a minimum period of two years following commencement of full-scale operation. The influent shall be tested for nitrate only. The effluent water shall be tested for, but need not be limited to, biochemical oxygen demand (BOD₅), total suspended solids, temperature, total nitrogen, nitrate, ammonia and total phosphorus. A copy of the sampling results shall be provided to the Environmental Assessment Officer with the Department on a monthly basis. The results will be evaluated after two years of sampling at which time the Department will determine if additional sampling is required. All submitted results will be placed on the Department website for public viewing.

I further order that the EIA Approval dated June 10, 2016 is amended with the addition of the following clauses below:

3) That Aqua Bounty Canada Inc. shall, prior to September 30, 2017, submit a water management plan to the Department for review and approval. The water management plan shall:

- a) demonstrate how Aqua Bounty Canada Inc. will satisfy mitigation obligations under Groundwater Extraction Permit 2016-05;
- b) demonstrate how Aqua Bounty Canada Inc. will manage waste accumulation in the settling pond including a sample program for the waste material prior to removal; and
- c) include a schematic of effluent piping between buildings and the stream.

4) That Aqua Bounty Canada Inc. shall, in the event of escape or release of fish, at any stage of their life cycle, inform the Department immediately (by calling the Environmental Emergency Response number 1-800-565-1633 and sending an email to gbwilson@gov.pe.ca and dethompson@gov.pe.ca).

5) That Aqua Bounty Canada Inc. shall develop and submit a plan to the Department which outlines procedures to be followed in the event of escape or release of fish. The plan must be approved by the Department prior to housing any life stage of fish at the facility.

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6) That Aqua Bounty Canada Inc. shall, prior to September 30, 2017, provide the Department with a copy of all standard operating procedures document(s) used in the facility.

I further order that the following conditions in EIA Approval dated June 10, 2016 remain in force as set out in clauses 8-13 below:

7) That Aqua Bounty Canada Inc. shall obtain a Groundwater Extraction Permit from the Department prior to commencement of operation of the facility.

8) That Aqua Bounty Canada Inc. shall obtain a Watercourse, Wetland and Buffer Zone Activity Permit from the Department prior to carrying out any regulated activity in a watercourse, wetland and/or buffer zone.

9) That Aqua Bounty Canada Inc. shall be responsible to ensure that any subcontractors, agents and assigns are aware of and comply with the terms and conditions of this approval.

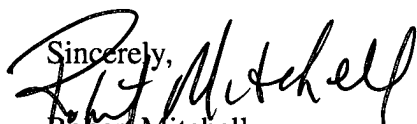
10) That, in the event of the sale, lease, or any other conveyance or change of control of the Project, or any portion thereof:

a) Aqua Bounty Canada Inc. shall provide written notice of this EIA approval and conditions to the lessee, controller, or purchaser, and said lessee, controller or purchaser shall be subject to and must comply with the EIA approval and conditions.

b) Aqua Bounty Canada Inc. shall provide written notice of such lease, change of control, or conveyance to the Minister.

11) That Aqua Bounty Canada Inc. shall obtain all other necessary permits, licenses and approvals required by law, or required by any other municipal, provincial and/or federal regulatory agencies to construct and operate this undertaking.

12) That Aqua Bounty Canada Inc. shall, in the event that the facility permanently ceases operations, submit to the Department a decommissioning and abandonment plan for approval.

Sincerely,

Robert Mitchell
Minister