



Cavendish Beef Farm

Environmental Effects Monitoring Plan

January 2023

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1.0 Land Cleaning and Farm Land Development

1.1 Removal of wood suitable for domestic use

To ensure all merchantable wood is cut and removed to the satisfaction of the Provincial Department responsible for forestry, (Forestry Branch) Viking will issue permits to residents of the area to cut and remove wood suitable for domestic use. Before heavy equipment removes the remaining vegetation, Viking will field check the area to determine all merchantable wood has been removed. Once satisfied the trees have been removed, the Forestry Branch will be offered the opportunity to inspect the sites proposed to be cleared and developed for farmland. Concurrently, Viking will consult with the Forestry Branch as to the location of resource access roads to the satisfaction of the Forestry Branch.

1.2 Maintenance of buffers adjacent to wetlands and water courses.

The location of buffers, Map 1, will be provided in applications to the Department responsible for Crown Lands. The location of the buffers will be well marked in advance of land clearing. Following land clearing, a site inspection will determine if the buffers are intact as per the applicable Agricultural Crown Lands Lease.

1.3 Establish a cover crop

The cultivation, fertilization and seeding of the fields will be completed by mid-September. The Agrifoods Branch will inspect the fields to determine if the land has been developed according to acceptable farm practice including compliance with guidelines, regulations and best management practices.

1.4 Soil Management

Every three years the farm will determine the nutrient content/status of all fields on the farm. The information will be used to fine tune manure application rates to maximize soil/plant productivity. Concurrently this data will be used to ensure manure/nutrient applications rates do not exceed the capacity of hayland/pasture to use the nutrients, thereby reducing the opportunity for the runoff of nutrients from the fields. The information will be used to prepare a Nutrient Management Plan which would be available to Government Departments and Agencies.

1.5 Avifauna

The farm will determine if there are any raptor or cavity nests in advance of land clearing. Land will not be cleared within 800 metres of osprey and bald eagles; 200 metres of other raptor nests. e.g., Owls, Northern Goshawk, Sharp shinned hawk, Merlin, American Kestrel. In addition, snag trees will be assessed to determine if they are used for nesting. Clearly marked

buffers around nests will be identified to those hired to clear land with follow up site inspections by the farm during and after land clearing. Canadian Wildlife Service and Provincial Wildlife will be informed of any raptor nests.

The Canadian Wildlife Service. will be informed of species-at -risk and any other birds which seldom seen. The farm will encourage residents to cut and remove wood outside of the nesting season, from mid-April to mid-August. (Typically, wood is cut and removed in the winter)

2.0 Watercourses and Wetlands

2.1 Assessment of riparian Area Buffers

The adoption of buffers along water courses, referred to as riparian areas, were widened beyond normal requirements of Federal and Provincial Agencies, to ensure water quality is protected, Viking will ask Service NL to inspect water courses, notably Brook Cove Brook and its tributary which flows from Highland and Sooley Marshes. As the land is developed for farm use, the Department of Health will test for water quality at the Brook Cove Play ground near the mouth of Brook Cove.

The farm will identify any incidents of erosion and related accumulations of sediment to Service NL.

3.0 Flies

3.1 Monitoring of Fly Populations

Daily work in the mink barns provides the opportunity to assess existence of the lesser house fly. If populations increase beyond normal minimal levels, Provincial departments with responsibility for Environment and Agriculture will be informed and encouraged to visit the farm to determine possible sources and to implement procedures to monitor fly populations. Concurrently, all farm activities associated with the handling of animals and wastes will be inspected to determine possible sources. The Provincial Environment Branch will be asked to investigate possible sources and populations in barns or on forage fields and pasture.

As part of its twice a month inspection of all pastures, the farm will identify and manage any possible sources or potential sources of flies, such as mortalities or an accumulation of manure.

4.0 Wildlife

4.1 Moose

Viking and contractors will inform Provincial Wildlife if moose become a nuisance and/or aggressive.

5.0 Odours

(see the Odour Management Plan)

6.0 Monitoring and Update of the Status of the Project

Viking will provide a copy of all permits, licenses, certificates, approvals and other authorizations to EAProjectComments@gov.nl.ca by September 29, 2023.

SIGNATURE PAGE

Viking Fur Farm Inc.

Environmental Effects Monitoring Plan

_____	<u>Viking Fur Farm Inc.</u>
Name/Position (printed)	
_____	_____
Signature	Date
_____	<u>Viking Fur Farm</u>
Name/Position (printed)	
_____	_____
Signature	Date
_____	_____

Existing and Proposed Lots

**Viking Fur Inc, Cavendish, NL
Index of Titles & Structures**



NTS Reference: 1N14
 MAP_ID: LPA_ZONE_20A
 Traverse Method:
 Department of Fisheries and Land Resources
 Agriculture and Lands Branch
 Agricultural Land
 April 13, 2023

**Adjusted lots:
 buffers and
 deletions**
 Approximate locations
 Adjusted, December 2021,
 Viking Fur farm Inc.

Area Conversion: 1 Ha = 2.47 Ac

Designed for Illustrative Purposes Only



1:12,500

