



APPROVAL TO OPERATE

I-11046

Pursuant to paragraph 5 (3) (a) of the *Air Quality Regulation - Clean Air Act*, this Approval to Operate is hereby issued to:

McCain Foods Limited

for the operation of the

Florenceville-Bristol Frozen Food Plant

Description of Source:

FROZEN FOOD PROCESSING PLANT

Source Classification:

Air Quality Regulation

Class 1B

Parcel Identifier:

**10083400, 10083558, 10083467, 10223485,
10223493, 10240026, 10283976**

Mailing Address:

8800 Main St.

Florenceville-Bristol, NB E7L 1B2

Conditions of Approval:

See attached Schedule "A" of this Approval

Supersedes Approval:

I-9207

Valid From:

March 01, 2021

Valid To:

February 28, 2026

Recommended by: _____

Issued by: _____

for the Minister of Environment and Climate Change

Date

SCHEDULE "A"

A. DESCRIPTION AND LOCATION OF SOURCE

McCain Foods Limited operates a Frozen Food Processing Plant in Florenceville-Bristol, New Brunswick. The plant produces french fries, specialty potato products, cakes, and pizza pockets that are shipped to market.

There exist *potential* environmental impacts to the atmosphere from the operation of the Facility by releasing emissions of contaminants, including, but not limited to: 1) Sulphur Dioxide (SO₂), Particulate Matter (PM), Nitrogen Oxides (NO_x), and Carbon Monoxide associated with the Steam Plant; 2) odourous compounds associated with the French Fry Line, Specialty Potato Line, and Liquid Effluent Treatment Plant; and 3) noise from the Facility.

The operation of the Frozen Food Processing Plant, located on Route 105, in the Town of Florenceville-Bristol, County of Carleton, and Province of New Brunswick and identified by parcel identifiers (PIDs) 10083558, 10083400, 10083467, 10223485, 10223493, 10240026, and 10283976 is hereby approved under the *Air Quality Regulation - Clean Air Act* **subject to the following:**

B. DEFINITIONS

"**Approval Holder**" means McCain Foods Limited.

"**Department**" means the New Brunswick Department of Environment and Local Government.

"Facility" means the property, buildings and equipment located on the property identified by the Parcel Identifier(s) on the certificate page of this Approval, and all contiguous property in the title and/or control of the Approval Holder at that location.

"Minister" means the Minister of Environment and Climate Change and includes any person designated to act on the Minister's behalf.

"Inspector" means an Inspector designated under the *Clean Air Act*, the *Clean Environment Act*, or the *Clean Water Act*.

"environmental emergency" means a situation where there has been or will be a release, discharge, or deposit of a contaminant or contaminants to the atmosphere, soil, surface water, and/or groundwater environments of such a magnitude or duration that it could cause significant harm to the environment or put the health of the public at risk.

"after hours" means the hours when the Department's offices are closed. These include statutory holidays, weekends, and the hours before 8:15 a.m. and after 4:30 p.m. from Monday to Friday.

"normal business hours" means the hours when the Department's offices are open. These include the period between 8:15 a.m. and 4:30 p.m. from Monday to Friday excluding statutory holidays.

"used oil" means oil that has become unsuitable for its original purpose because of the presence of impurities or the loss of its original properties.

"self-generated used oil" means used oil generated in the course of operating one's own business.

"**SWIM**" means Environment and Climate Change Canada's Single Window Information Manager, which is a one-window secure online electronic data reporting system accessible at <https://www.canada.ca/en/environment-climate-change/services/climate-change/greenhouse-gas-emissions/facility-reporting/reporting.html>.

C. GENERAL INFORMATION

1. The Approval Holder shall operate the Facility in compliance with the *Air Quality Regulation 97-133* filed under the *Clean Air Act* of the Province of New Brunswick. Violation of this Approval or any condition herein stated constitutes a violation of the *Clean Air Act*.
2. The issuance of this Approval does not relieve the Approval Holder from compliance with any other applicable federal or provincial Acts and regulations as well as with local bylaws.
3. If, in the opinion of the Minister, the environmental impact of the Facility is unacceptable, the Minister reserves the right to cancel this Approval and issue a new Approval as deemed necessary.
4. The terms and conditions of this Approval are severable. If any term or condition of this Approval is held invalid, is revoked or is modified, the remainder of the Approval shall not be affected.
5. An Inspector, at any reasonable time, has the authority to inspect the Facility and carry out such duties as defined in the *Clean Air Act*, the *Clean Environment Act* or the *Clean Water Act*.
6. The Approval Holder shall ensure that a copy of this Approval, including all attached Schedules, is posted in a prominent location in the office or working area of the Facility.

D. TERMS AND CONDITIONS

EMERGENCY RESPONSE

7. Immediately following the discovery of an environmental emergency, a designate representing the responsible party shall notify the Department in the following manner:

During normal business hours, telephone the Department Regional Office **until personal contact is made** (i.e. no voice mail messages will be accepted) and provide as much information that is known about the environmental emergency. The telephone number for the Regional Office is provided below:

Grand Falls Regional Office (506) 473-7744

After hours, telephone the **Environment and Climate Change Canada's National Environmental Emergencies Centre (NEEC) until personal contact is made** and provide as much information that is known about the environmental emergency. The telephone number for the **NEEC** is **1-800-565-1633**.

8. Within 24-hours of the time of initial notification, a copy of a **Preliminary Emergency Report** shall be filed by a designate representing the Approval Holder to the Regional Office within the Department and the Department's Central Office using the email provided below. The Preliminary Emergency Report shall clearly communicate as much information that is available at the time about the environmental emergency.

Within five (5) days of the time of initial notification, a copy of a **Detailed Emergency Report** shall be filed by a designate representing the responsible party to the Regional Office and the Department's Central Office using the emails provided below. The Detailed Emergency Report shall include, as minimum, the following: i) a description of the problem that occurred; ii) a description of the impact that occurred; iii) a description of what was done to minimize the impact; and iv) a description of what was done to prevent recurrence of the problem.

Grand Falls Regional Office at elg.egl-region6@gnb.ca,

and the

Central Office in Fredericton at elg.egl-info@gnb.ca

GENERAL CONDITIONS

9. This Facility has been classified as a **Class 1B** Facility, pursuant to the *Air Quality Regulation, New Brunswick Regulation 97-133* filed under the *Clean Air Act*. The Approval Holder shall pay the appropriate annual fee **on or before April 1 of each year**.
10. The Approval Holder must apply in writing to the Minister for any modification to the source as described in the Approval that would change the currently approved composition and/or quantity of contaminants being discharged to the environment. Such applications must be received by the Minister **at least two hundred and forty (240) days** prior to the planned modification.
11. In the event of Facility closure, the Approval Holder shall notify the Minister **one hundred and eighty (180) days** prior to this closure.

PROCESS GAS CONTROL

12. The Approval Holder shall ensure that the Energy Recovery System and Oil/Mist Eliminator or equivalent are fully functional and in operation at all times during the operation of the French Fry Lines, Specialty Potato Lines and fryers.

13. The Approval Holder shall ensure that all biogas produced at the Liquid Effluent Treatment Plant is collected and burned in the boiler, or the flare stack, and shall not be vented directly to the atmosphere.

BOILER OPERATIONS

14. The Approval Holder is approved to burn self-generated used oil in the Steam Plant boiler in accordance with the *Used Oil Regulation*.

EMISSION LIMITS

15. The Approval Holder shall ensure that the emissions originating from the operation of the Facility are controlled to prevent the exceedance of the maximum ground level concentrations outlined in the Schedule B of the *Air Quality Regulation 97-133*, filed under the *Clean Air Act* of the Province of New Brunswick.

TESTING AND MONITORING

16. The Approval Holder shall conduct performance tests on emissions or ambient air quality at such times and in such manner as the Minister may specify in writing.
17. The Approval Holder shall ensure that odour emissions, released to the atmosphere as a result of the Facility operation, are controlled to prevent impacts to off-site receptors. In the event odour emission impacts are reported as a result of the Facility's operation, the Approval Holder will be required to undertake an odour assessment that will as a minimum:
 - i) confirm the absence or presence of the odour emission impacts;
 - ii) characterize the odour emissions;
 - and iii) provide an action plan to reduce and control the odour emission.

18. The Approval Holder shall ensure that leak inspections on refrigeration systems containing ammonia, are conducted on a monthly basis.

REPORTING

19. **By February 15 of each year**, the Approval Holder shall submit an Annual Air Quality Report to the Department for the previous calendar year which shall include as a minimum:
- a) the annual biogas consumption by volume and weight, including the portion sent to the flare;
 - b) the average concentration of hydrogen sulphide (H₂S) in the biogas;
 - c) the type and amount of fuel oil burned, and its average sulphur content;
 - d) the amount of waste vegetable oil burned;
 - e) the amount of self-generated used oil burned;
 - f) the amount of natural gas burned;
 - g) the annual emission of sulphur dioxide in tonnes from all combustion sources;
 - h) a summary of the monthly leak detection results conducted on the ammonia refrigeration system; and
 - i) a summary of all incidents reported during the year in compliance with this Approval.
20. In the event the Approval Holder violates any Term and Condition of this Approval, the *Air Quality Regulation* or the *Water Quality Regulation*, the Approval Holder is to immediately report this violation by email to the Department's applicable Regional Office and the Central Office in Fredericton. In the event the violation may cause the health or safety of the general public to be at risk and/or significant harm to the environment could or has resulted, the Approval Holder shall follow the Emergency Reporting procedures contained in this Approval.

21. In the event the Approval Holder receives a complaint from the public regarding unfavorable environmental impacts associated with the Facility, the Approval Holder is to report this complaint by email to the Department's applicable **Regional Office** within one business day of receiving the complaint.

22. The Approval Holder shall submit a greenhouse gas emissions report by **June 1st of each year**, for the previous calendar year, to the Department by means of the SWIM system. Reporting shall be consistent with Environment Canada and Climate Change's Greenhouse Gas Emissions Reporting Program (GHGRP). Reporting requirements are published annually in the Canada Gazette, Part 1 under the authority of subsection 46(1) of the *Canadian Environmental Protection Act, 1999* (CEPA 1999).

Prepared by: _____

Matt Trueman, EIT

Approval Coordinator, Authorizations Branch

Reviewed by: _____

Mark Glynn, P.Eng.

Manager, Permitting South

Authorizations Branch