

APPROVAL

**Province of Nova Scotia
Environment Act, S.N.S. 1994-95, c.1 s.1**

APPROVAL HOLDER: ARF ENTERPRISES INC.

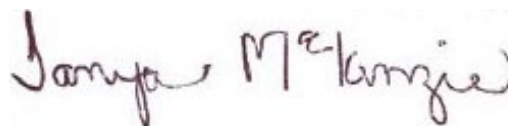
SITE PID: 00540104, 20028510, 20050050, 20051264, 20051298,
20053815, 20053823, 20058087, 20084703, 20127197,
20225876, 20233706, 20341558, 20475786, 20479127,
20479135, 20482501, 25100751, 25101270, 25136979,
25162280, 25162348, 25202862, 25202938, 25213463,
25247248, 25251588, 25252057, 25260795, 25267220,
25267246, 25267253, 25361551, 25363383, 25441676,
25466681, 25466699, 25466707, 25466715, 25484577,
25485558, 35196708, 37544871, 45105855, 45105863

APPROVAL NO: 2021-2838949-00

EXPIRY DATE: December 31, 2021

Pursuant to Part V of the *Environment Act*, S.N.S. 1994-95, c.1 s.1 as amended from time to time, approval is granted to the Approval Holder subject to the Terms and Conditions attached to and forming part of this Approval, for the following activity:

Pesticide - Application of Pesticide - Aircraft



Administrator: Tanya MacKenzie

Effective Date: August 20, 2021

The Minister's powers and responsibilities under the Act with respect to this Approval have been delegated to the Administrator named above. Therefore, any information or notifications required to be provided to the Minister under this Approval can be provided to the Administrator unless otherwise advised in writing.

TERMS AND CONDITIONS OF APPROVAL

Nova Scotia Environment

Approval Holder: ARF ENTERPRISES INC.

Project: Greeno Rd., Klondike Rd., Mansfield Rd., West Linden Rd., Mount Pleasant Rd., Hwy. 104/Hwy. 4, Pettigrew Rd., Kirkhill Rd., Gilbert Mtn., Southside Rd./Berry Hill Rd., Cedar St., Smithfield Rd., Lilyvale Rd., Wittenburg Rd., Reids Station Rd., Reids Station Rd., Otterbrook Rd., Hwy. 2, Westchester Stn. Rd., Church Rd., New Castlereagh Rd., Back Rd., Canaan Rd., Hwy. 242, South Tatamagouche Rd., Westchester Stn. Rd. Lot 1, Cornect Rd.

Site:

PID	Civic #	Street Name	Street Type	Community	County
00540104					
20028510					
20050050				HALFWAY BROOK	COLCHESTER COUNTY
20051264				SOUTH BRANCH	COLCHESTER COUNTY
20051298					
20053815					
20053823					
20058087					
20084703					
20127197					
20225876	659	NEW CASTLEREAGH	RD.	CASTLEREAGH	COLCHESTER COUNTY
20233706					
20341558					
20475786					
20479127				CASTLEREAGH	COLCHESTER COUNTY
20479135					
20482501					
25100751					
25101270					
25136979					
25162280				WENTWORTH CENTRE	CUMBERLAND COUNTY

25162348				WENTWORTH CENTRE	CUMBERLAND COUNTY
25202862				SOUTHAMPTON	CUMBERLAND COUNTY
25202938				GILBERT MOUNTAIN	CUMBERLAND COUNTY
25213463	856	YORKE SETTLEMENT	RD.	DILIGENT RIVER	CUMBERLAND COUNTY
25247248	1787	PETTIGREW	RD.	HARRISON SETTLEMENT	CUMBERLAND COUNTY
25251588					
25252057					
25260795				SHINIMICAS	CUMBERLAND COUNTY
25267220				GREENVILLE STATION	CUMBERLAND COUNTY
25267246				WESTCHESTER	CUMBERLAND COUNTY
25267253				WESTCHESTER	CUMBERLAND COUNTY
25361551				RIVER HEBERT EAST	CUMBERLAND COUNTY
25363383				SOUTHAMPTON	CUMBERLAND COUNTY
25441676					
25466681				ATHOL ROAD	CUMBERLAND COUNTY
25466699				MAPLETON	CUMBERLAND COUNTY
25466707				LEAMINGTON	CUMBERLAND COUNTY
25466715				LEAMINGTON	CUMBERLAND COUNTY
25484577				RIVER HEBERT EAST	CUMBERLAND COUNTY
25485558	907	KIRKHILL	RD.	KIRKHILL	CUMBERLAND COUNTY
35196708	96	EAST RIVER	RD.	DENVER	GUYSBOROUGH COUNTY
37544871	65	CORNECT	RD.	DENVER	GUYSBOROUGH COUNTY
45105855				MAITLAND	HANTS COUNTY
45105863				MAITLAND	HANTS COUNTY

Approval No: 2021-2838949-00

Reference Documents

- Application submitted July 19, 2021 and attachments.

1. Definitions

- a. Act means Environment Act, 1994-95, c.1, s.1 , and includes, unless the context otherwise requires, the regulations made pursuant to the Act, as amended from time to time.
- b. Department means the Nova Scotia Department of Environment and Climate Change, and the contact for the Department for this approval is:
Nova Scotia Department of Environment and Climate Change
Central Region, Amherst Office
71 East Victoria St.
Amherst, Nova Scotia B4H 1X7

Phone: (902) 667-6205
Fax: (902) 667-6214
- c. Minister means the Minister of Environment and Climate Change and includes any person delegated the authority of the Minister.
- d. Site means a place where a designated activity and/or undertaking is occurring or may occur.
- e. Surface Watercourse means a watercourse as defined in the Environment Act, excluding groundwater.

2. Scope

- a. This Approval (the "Approval") relates to the Approval Holder(s) and their application and all documentation submitted to the Department prior to the issuance of this approval for the Application of Pesticide situated at or near Westchester Stn. Rd., Church Rd., New Castlereagh Rd., Back Rd., Canaan Rd., Hwy. 242, South Tatamagouche Rd., Westchester Stn. Rd. Lot 1, Cornect Rd., Greeno Rd., Klondike Rd., Mansfield Rd., West Linden Rd., Mount Pleasant Rd., Hwy. 104/Hwy. 4, Pettigrew Rd., Kirkhill Rd., Gilbert Mtn., Southside Rd./Berry Hill Rd., Cedar St., Smithfield Rd., Lilyvale Rd., Wittenburg Rd., Reids Station Rd., Reids Station Rd., Otterbrook Rd., Hwy. 2.
- b. The Approval Holder(s) shall ensure the designated activity is carried out in accordance with this Approval and reference documents, including the application and supporting documentation.

3. Operation

- a. When using the Radiarc sprayer, a single swath along all boundaries and buffer zones shall be undertaken in wind speeds of 10 km/hr or less and the remainder may be treated in winds of up to 15 km/hr.
- b. When the application of a pesticide is underway, wind speed shall be checked at 30 minute intervals during ground application.
- c. Should a wind speed reading exceed the maximum; a second reading shall be taken 10 minutes later and if it still exceeds the maximum; the application shall cease. It will require 2 consecutive acceptable readings 10 minutes apart to restart the application.
- d. Records shall be maintained of the time and results of all wind speed readings taken and be made available to the Department upon request.
- e. Equipment and supplies at mixing/loading sites shall be stored and maintained to prevent an adverse effect from a uncontrolled pesticide release.
- f. Pesticide shall not be applied within 30 m of any surface watercourse which is not located in Municipal potable water supply watersheds.
- g. Pesticide shall not be applied within 60 m (measured horizontally) of a well or other source of domestic water.
- h. Pesticide shall not be applied within 15 m (measured horizontally) of a Wetland.
- i. Pesticide shall not be applied within 30 m of dwellings, businesses, schools, public buildings or other structures designated by the Department, during ground spraying. Dwellings or businesses owned by the Approval Holder(s) are exempt.
- j. Pesticide shall not be applied within 15m of agricultural areas, including, but not limited to hay fields, grain fields, blueberry fields, commercial and domestic vegetable gardens, or other sensitive terrestrial areas.
- k. Pesticide shall not be applied within 10 m of any treatment site boundary that is also a property boundary. This buffer may be waived with written permission from the adjacent property owner.
- l. If the buffer zone indicated on the manufacturer's product label is greater than the buffer zones indicated in this Approval, the distance on the manufacturer's product label shall apply.
- m. Should a site be within a Municipal Drinking Water Supply Watershed the criteria for pesticides in or near Municipal Drinking Water Supply Watersheds must be followed.
- n. Should a site be within watersheds designated under Section 106 of the Environment Act, the Designation Regulations must be adhered to.
- o. Pesticide shall not be applied when wind speeds exceed 10 km/hr, unless otherwise specified in the Approval. If the allowable wind speeds indicated on

the manufacturer's product label are less than 10 km/hr, the wind speeds on the manufacturer's product label shall apply.

- p. When the application of a pesticide is underway; wind speed shall be checked at 15 minute intervals during aerial application.
- q. Pesticide shall not be applied within 100m of dwellings, businesses, schools, public buildings or other structures designated by the Department during aerial spraying. Dwellings or businesses owned by the Approval Holder(s) are exempt.

4. Aerial Applications

- a. The aerial applicator shall fly over the treatment area immediately before beginning any pesticide application to ensure that there are no unauthorized people in the vicinity of the target area.
- b. The Approval Holder(s) shall notify the Department in writing at least 48 hours, but not more than 7 days, before the spray program commences, if ground application is used on aerial sites.
- c. GPS data shall be recorded during aerial spraying. GPS data shall show flight path (including physical location), altitude, and speed.
- d. All GPS data recorded shall be retained by the Approval Holder(s) for a period of two years following the completion of the spray program and shall be made available to the Department upon request. GPS data shall be in .kml format.

5. Notification

- a. The Approval Holder(s) shall notify the Department at least 48 hours, but not more than 7 days, prior to commencement of the spray program.
- b. Once the spray program commences, the Approval Holder(s) shall keep the Department up to date with the progress of the spray program as per an arrangement deemed acceptable by the Department.
- c. The Approval Holder(s) shall ensure that all access points to all sites have posted signs deemed acceptable by the Department no less than 30 days prior to pesticide application. All signs shall:
 - i. include a space for colored fluorescent decals which shall be applied when the program commences;
 - ii. display the following wording "There is to be no consumption of berries and fruit within this spray site(s) for the remainder of the growing season";
 - iii. contain the Pesticide trade name, PCP number, Approval number and company contact information;
 - iv. not be removed during the growing season; and
 - v. all signs shall be removed by November 1, 2021.

- d. The Approval Holder(s) shall deliver a written notice to the owner or occupier of all structures (e.g. dwellings, businesses, schools, public buildings or other structures designated by an administrator) located within 500 m of the treatment site. The Approval Holder(s) shall deliver written notices at least 30 days prior to applying pesticide.
- e. The Approval Holder(s) shall publish newspaper advertisements in a manner acceptable to the Department outlining the spray program at least 20 days before spraying commences. The Approval Holder(s) shall forward to the Department proof that the media notice has been published prior to program commencement.

6. Contingency Plan

- a. The Approval Holder(s) shall adhere to the contingency plan on file with the Department during an uncontrolled release or other emergency involving pesticides. A copy of the plan shall be at the treatment site or mixing/loading area at all times when the work is being undertaken.
- b. The Approval Holder(s) shall ensure that the Contingency Plan is reviewed and updated whenever equipment or products change. The Contingency Plan is to be dated to reflect the most recent update.
- c. The Approval Holder(s) shall prepare and submit a Contingency Plan for review and acceptance by the Department. The Contingency Plan shall include, but is not limited to, the following:
 - i. criteria levels at which mitigation actions for well interference will be triggered and
 - ii. a description of the relevant mitigation actions to be taken
- d. A copy of the Contingency Plan is to be maintained on Site at all times and is to be available for review immediately upon request by the Department.
- e. The Approval Holder(s) shall ensure that all employees are trained in accordance with the contingency plan and shall keep a record of training at the facility for a minimum period of five (5) years.
- f. A copy of the current contingency plan shall be sent to the local fire department.
- g. The Approval Holder(s) shall ensure that all necessary materials and equipment are available at all times to respond to emergencies in accordance with the Facility's Contingency Plan.

7. Reporting

- a. The Approval Holder(s) shall submit all reports required by this Approval to the Department no later than one month after the completion of the spray program.