



July 20th, 2020

Director
Environmental Approvals Branch
Manitoba Conservation and Climate
1007 century Street
Winnipeg, Manitoba R3H 0W4

LICENCE NO. 1301 RR

CLIENT FILE NO. 3009.10

RE: Boeing Canada Operations Ltd. - 99 Murray Park Road - Notice of Alteration

Dear Director,

The Boeing Canada Operations Ltd. Facility located at 99 Murray Park Road in Winnipeg Manitoba is currently operating under Environment Act Licence No. 1301 RR originally issued on August 28th 1989, and most recently revised on August 18th 2016.

Section 14 of the Environment Act requires that the director of Manitoba Conservation and Climate be notified and approve of any alterations to a development.

This notice of alteration is intended to provide Manitoba Conservation and Climate with notification of an update to Boeing Canada Operations Ltd.'s plans for the decommissioning of two paint booths as originally proposed in a Notice of Alteration submitted on March 8th 2018 and later approved by the Director on April 12th 2018.

If you have any further questions or require additional information, please contact the undersigned.

Sincerely,

Rebecca Wroblewski
Environmental Specialist | Environment, Health & Safety
Boeing Canada Winnipeg
99 Murray Park Road, Winnipeg, MB R3J 3M6
Desk: (204) 833-7196
rebecca.wroblewski@boeing.com

Notice of Alteration Form

Client File No. : 3009.10	Environment Act Licence No. : 1301 RR
Legal name of the Licencee: BOEING CANADA OPERATIONS LTD.	
Name of the development: BOEING CANADA OPERATIONS LTD.	
Category and Type of development per Classes of Development Regulation: Manufacturing Manufacturing and industrial plants	
Licencee Contact Person: REBECCA WROBLEWSKI Mailing address of the Licencee: 99 MURRAY PARK ROAD City: WINNIPEG Province: MB Postal Code: R3J 3M6 Phone Number: (204) 833-7196 Fax: Email: rebecca.wroblewski@boeing.com	
Name of proponent contact person for purposes of the environmental assessment (e.g. consultant): REBECCA WROBLEWSKI	
Phone: (204) 833-7196 Fax:	Mailing address: 99 MURRAY PARK ROAD
Email address: rebecca.wroblewski@boeing.com	
Short Description of Alteration (<i>max 90 characters</i>): UPDATE TO PLANS FOR THE DECOMMISSIONING OF TWO PAINT BOOTHS	
Alteration fee attached: Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>	
If No, please explain: ALTERATION RESULTS IN INSIGNIFICANT ENVIRONMENTAL EFFECTS	
Date: 2020-07-20	Signature: <div style="border: 1px solid red; padding: 5px; display: inline-block;">R. Wroblewski</div> Printed name: REBECCA WROBLEWSKI
<p>A complete Notice of Alteration (NoA) consists of the following components:</p> <p><input checked="" type="checkbox"/> Cover letter</p> <p><input checked="" type="checkbox"/> Notice of Alteration Form</p> <p><input checked="" type="checkbox"/> 2 hard copies and 1 electronic copy of the NoA detailed report (see "Information Bulletin - Alteration to Developments with Environment Act Licences")</p> <p><input type="checkbox"/> \$500 Application fee, if applicable (Cheque, payable to the Minister of Finance)</p>	
<p>Submit the complete NoA to:</p> <p>Director Environmental Approvals Branch Manitoba Sustainable Development 1007 Century Street Winnipeg, Manitoba R3H 0W4</p> <p>For more information:</p> <p>Phone: (204) 945-8321 Fax: (204) 945-5229 http://www.gov.mb.ca/sd/ea/</p>	
<p>Note: Per Section 14(3) of the Environment Act, Major Notices of Alteration must be filed through submission of an Environment Act Proposal Form (see "Information Bulletin – Environment Act Proposal Report Guidelines")</p>	

Notice of Alteration:
Paint Booth Decommissioning Plans

Boeing Canada Operations Ltd.
99 Murray Park Road, Winnipeg, Manitoba

Environment Act Licence No. 1301 RR
Client File No. 3009.10

July 17, 2020

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1. Executive Summary

The Boeing Canada Operations Ltd. Facility located at 99 Murray Park Road in Winnipeg Manitoba is currently operating under Environment Act Licence No. 1301 RR originally issued on August 28th 1989, and most recently revised on August 18th 2016.

This notice of alteration is intended to provide Manitoba Conservation and Climate with notification of an update to Boeing Canada Operations Ltd.'s plans for the decommissioning of two paint booths as originally proposed in a Notice of Alteration submitted on March 8th 2018 and later approved by the Director on April 12th 2018.

2. Proposed Changes to the Development as Licenced

A notice of alteration was submitted by Boeing Canada Operations Ltd. on March 8th 2018 proposing the replacement of two existing old paint booths with a conveyor paint system consisting of three paint booths, two drying enclosures and a curing oven. At the time, this alteration was proposed in order to support the Boeing Canada Winnipeg production system and to enhance painting capacity and capabilities to support the production rates of a growing commercial aerospace industry.

It was proposed that the conveyor paint system would be used to paint approximately 183 assorted aircraft component parts at an estimated rate of 144 parts per day, using an estimated paint volume of 28.9 liters per day. It was proposed that the installation of the new conveyor paint system would be completed in January 2019, and that the two old open-style cross-draft booths would then be decommissioned in the summer of 2019 following the commissioning of the new system.

On April 12th 2018, it was determined that the environmental effects from the alteration would be insignificant, and therefore Boeing Canada Operations Ltd. was authorized to carry out the alteration as described in the proposal.

Following the authorization to proceed; Boeing Canada Operations Ltd.'s proposed project schedule was significantly impacted by delays throughout the installation of the conveyor paint system. Delays included the approval of the engineering design, issues with equipment acquisition, issues with the equipment not functioning per the specification, and delays in the approval and verification of the sprinkler and fire alarm system. Overall these delays resulted in a postponed equipment commissioning date of November 15th 2019 (10 month delay).

It is also worth noting that during this time; it was determined that Boeing Canada Operations Ltd. will be terminating the lease agreement for the development located at 1345 Redwood Avenue (Licence No. 2846 R), with the licensed development closing by January 2022. The existing paint booth infrastructure at this development will not be relocated to the 99 Murray Park Road facility, however the production itself will need to be consolidated within the Murray Park operations.

In addition; impacts to the growth of the aerospace industry have been widespread during the 2019-2020 timeframe, largely due to the COVID-19 pandemic and the severe impact it has had on the commercial aerospace industry. As a result of this; Boeing Canada Operations Ltd. is now projecting production rate reductions across its program lines, with a slower ramp-up to previously projected production rates for the 2020-2024 period. It is now projected that the conveyor paint system will only be used to paint approximately 86 panels per day (using an estimated 18.3 liters of paint per day) as opposed to the originally proposed utilization of 144 panels per day (estimated 28.9 liters of paint per day).

Ultimately upon the delayed commissioning of the conveyor paint system; it was determined that the two old open-style cross-draft paint booths at the Murray Park facility (Booths #3 and #4) should be repurposed and utilized for paint preparation and priming operations in support of the enamel painting loop of the conveyor paint system- rather than be decommissioned. This decision is supported by the improved health and safety of employees conducting paint preparation within an environmentally controlled booth, as well as improved internal product flow and quality results.

Considering the overall production rate reductions and the need to consolidate the paint operation from Boeing Canada Operations Ltd.'s Redwood Avenue facility, it is believed that the overall environmental effects of the painting operations at Boeing Canada Operations Ltd.'s development at 99 Murray Park Road will remain insignificant.

3. Identification and quantification of changes to the type or quantity of raw materials or substances used or processed

It is now projected that the conveyor paint system will only be used to paint approximately 86 panels per day (using an estimated 18.3 liters of paint per day) as opposed to the originally proposed utilization of 144 panels per day (estimated 28.9 liters of paint per day).

4. Quantification of change in environmental effects as a result of the proposed alteration

No significant changes in environmental effects are anticipated from this alteration to the proposed decommissioning plans.

5. Maps, Drawings, Schematics, etc.

Murray Park Facility Central Paint Shop:

