

## SUMMARY OF COMMENTS/RECOMMENDATIONS

**PROPONENT:** Boeing Canada Inc.  
**PROPOSAL NAME:** Paint Spray Operation Facility  
**CLASS OF DEVELOPMENT:** Class 1  
**TYPE OF DEVELOPMENT:** Manufacturing  
**CLIENT FILE NO.:** 5103.00

### OVERVIEW:

On April 29, 2005, the Department received a Proposal from Boeing Canada Inc. for the development and operation of a spray paint facility at 1451 Saskatchewan Avenue in Winnipeg.

On May 19, 2005 the Department placed copies of the Proposal in the Public Registries located at 123 Main St. (Union Station), the St James-Assiniboia Public Library, and the Manitoba Eco-Network. As well, copies of the Proposal were provided to the Technical Advisory Committee (TAC) members. The Department placed a public notification of the Proposal in the Winnipeg Free Press on May 28, 2005. The newspaper and TAC notification invited responses until June 24, 2005.

### COMMENTS FROM THE PUBLIC:

No comments or concerns were received from the public

### COMMENTS FROM THE TECHNICAL ADVISORY COMMITTEE:

#### Conservation - Sustainable Resource Management Branch, Environmental Stewardship Division.

1. iii) Existing Land Use:
  - The distance to the nearest residential or commercial area is requested
2. vi) Planning:
  - The assessment indicates that one of the activities that occurs on the site is "tooling." What processes are involved with "tooling"?
  - The only VOC identified in the proposal is methyl ethyl ketone (used for solvent cleaning of the parts). No information is provided on the VOC components of the individual paints; these would also be emitted from the facility during the painting operation and may be a source of odour from the facility. Additional information on the paint components should be provided (i.e., names, quantities used.)
3. vii) Potential Impacts:
  - While the exhaust filters will remove most of the particulates generated by the painting operation, VOCs will not be removed. The VOCs are the paint components that would be responsible for any off-site odours.
4. MSDS for the paints, primers etc. were not included. Therefore it cannot be ascertained whether these are water based or solvent based or whether the products contain compounds of concern.

5. vii) Environmental Management Practice:

- - paragraph 2 page 10 – what is the solid waste that is referred to and what is the source of the chromium?

**Response from Proponent.**

iii) Existing Land Use:

- Land is zoned industrial. The property is M-3 (heavy industrial)
- Adjoining properties include a multi-tenant industrial mall directly to the west, a provincial government maintenance/storage facility to the north, Dominion Bridge to the east and a rail line and Saskatchewan Avenue to the south. Along the east property line runs Omands Creek, which is the discharge point for the storm sewer. To the southeast is Westview Park, a decommissioned city landfill covered and maintained as a recreational facility. The nearest commercial area is located approximately 150 feet to the west in the multi-tenant industrial mall. The nearest residential occupancies are located approximately 2 km to the north, in the Weston area.

vi) Planning

Tooling:

- Tooling is the process of building and maintaining tools used for manufacturing. The tools in question include lay-up mandrels (molds) and assembly and trim jigs. Some of the processes involved in Tooling are sanding, machining of aluminum and steel, the transfer of media from drawings to parts and optical tool alignment.

VOCs.

- There are seven different paints/primers to be used in the paint process. They are all classified as Flammable Liquids, Class 3, UN 1263. MSDSs are supplied. It is estimated that in total, approximately 13 quarts of paint will be used per month. A breakdown of each product and its estimated use is summarized in Table 3 (page 7) of the Proposal dated April 28, 2005. All paints used contain (at varying percentages) VOCs. Refer to the MSDSs for chemical specific information and content.

vii) Potential Impacts:

- Any noticeable odor emissions are expected to be minor due to the low volumes of product being used and the minimal paint application times. The average paint time is expected to be 1.5 hours per day (see Proposal pages 6 and 7).

MSDS

- The paints/primers to be involved in the paint process are all solvent based.

vii) Environmental Management Practice:

- All solid hazardous waste produced at 1451 Saskatchewan Avenue is transported to 99 Murray Park Road by Boeing Licenced carrier. The source of chromium is from pigmenting compound in paints/primers.

#### **Disposition**

The draft Environment Act Licence contains clauses to limit the particulate and odour emitted by the facility.

#### **Industry Economic Development Mines, Mineral Resources Division, Petroleum Branch**

No concerns.

#### **Health, Winnipeg Regional Health Authority**

No apparent areas of concerns.

#### **Intergovernmental Affairs and Trade – Community Planning Services Branch, Community and Neighbourhood Planning Division.**

No concerns

#### **Culture, Heritage and Tourism - Historic Resources Branch, Culture, Heritage & Recreation Programs Division.**

No concerns.

#### **Transportation and Government Services – Highway Planning & Design Branch, Engineering and Operations Division.**

No concerns.

#### **Canadian Environmental Assessment Agency**

Following a review by all federal departments with a potential interest in the proposed development, the application of the Canadian Environmental Assessment Act with respect to this proposal will not be required.

#### **PUBLIC HEARING:**

A public hearing is not required.

**RECOMMENDATION:**

The Applicant should be issued a Licence, in accordance with the attached draft, to operate the spray paint facility. Enforcement of the Licence should be assigned to the Red River Region.

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