

SUMMARY OF COMMENTS / RECOMMENDATIONS

PROPONENT: ZENITH PAVING LTD.
PROPOSAL NAME: ZENITH PAVING LTD.
CLASS OF DEVELOPMENT: CLASS 1
TYPE OF DEVELOPMENT: PERMANENT ASPHALT PLANT
CLIENT FILE NO: 4302.00

OVERVIEW:

A proposal dated November 14, 1997, was received from Mr. David Cumming on behalf of Zenith Paving Ltd. on February 13, 1998, for the continued operation of an existing permanent asphalt plant located at or near 108 Richmond Avenue East in Brandon, Manitoba. The development involves the transportation and storage of granular aggregate, asphalt cement, cut back asphalt, emulsified asphalt; the drying, heating and mixing of the granular material and the heated asphalts to form asphalt paving material; and the loading and transportation of the asphalt paving product. Operation will be summer months only, Monday to Friday from 0700h to 1900 h.

This proposal was advertised in the Brandon Sun on Saturday, February 21, 1998, and was placed in the Centennial Public Library; Manitoba Eco-Network; Environment Library (Main) and the Western Manitoba Regional Library (Brandon). The proposal was sent to the Technical Advisory Committee on February 18, 1998. The public and TAC comment closing date was March 23, 1998.

COMMENTS FROM THE PUBLIC

Three concerned citizens had the following comments:

1. Air pollution from this plant have prevented the enjoyment of the outdoors. I have been confined to my home because of the noxious odor and particulates.

These issues have been addressed in the licence.

2. During the spring and summer it is difficult to exercise and partake in outdoor activities due to the emissions and fumes.

This issue has been addressed in the licence.

3. We are concerned about the effects of the pollution on our health and the environment.

This issue has been addressed in the licence.

COMMENTS FROM THE TECHNICAL ADVISORY COMMITTEE:

1. **Manitoba Culture, Heritage & Citizenship – Historical Resources Branch** – has no concerns.

No response necessary.

2. **Manitoba Rural Development – Community Economic Development** – did not respond.

No response necessary.

3. **Manitoba Environment – Management Division - Air Quality Management Branch** – has the following comments:

- information is lacking regarding the operation, i.e. a description of the plant, the process followed in producing the asphalt, the handling of the input materials, the air pollution control equipment, etc.
- no information on quantities of materials handled or amount of product produced
- what is the distance to the nearest non-industrial receptor
- it is recommended that the odour nuisance clause be included in the licence
- a description of the dust filtration system is requested
- how are fugitive dust emissions managed

The above concerns were sent to the proponent for reply. No response has been forthcoming. These issues have been addressed in the licence

4. **Manitoba Environment – Management Division - Terrestrial Quality Management Branch** – has the following comments:

- is reworked clay provided to prevent spills from leaching into the soil
- a reworked clay layer and containment dike are needed to prevent further contamination from spills

The above concerns were sent to the proponent for reply. No response has been forthcoming. These issues have been addressed in the licence

5. **Manitoba Environment – Management Division - Water Quality Management Branch** – has the following comments:

- information is needed regarding drainage patterns from the property to prevent surface and groundwater contamination from petroleum hydrocarbons

The above concern was sent to the proponent for reply. No response has been forthcoming. These issues have been addressed in the licence

6. **Environment Canada – Canadian Environment Review Agency** – state that no environmental assessment of this project will be necessary under the *Canadian Environmental Assessment Act*. Environment Canada indicated a willingness to offer specialist advice.

No response necessary.

7. **Energy and Mines – Mines Branch - Mining Engineering** – has no objections.

No response necessary.

8. **Manitoba Natural Resources – Sustainable Development Coordination Unit** – has the following comment:

- spills or leaks should not be allowed to penetrate downward into the local aquifer

This has been addressed in the Licence.

9. **Manitoba Environment - Operations Division – Park-West Region** – have the following comments:

- air emissions are limited at the property line
- noise emissions are limited at the property line
- an odour clause is included in the Licence
- pollution control equipment is installed and maintained on both asphalt plants
- all spills are reported
- a groundwater and subsurface soil assessment is carried out on the property
- stack sampling for pollutants of concern be performed within one year

These issues have been addressed in the Licence.

10. **Manitoba Agriculture – Soils and Crops - Soil Resource Section** – did not respond.

No response necessary.

11. **Manitoba Highways and Transportation - Highway Planning and Design** – did not respond.

No response necessary.

12. **Manitoba Health - Public Health - Brandon Regional Health Advisory** – have the following concerns:

- potential health hazards including gaseous and particulate emissions from fumes generated operationally including fumes from burning natural gas, steam from the drying process and polycyclic aromatic hydrocarbons from the asphalt fumes
- from an occupational point of view, are safeguards in place from PAH exposure
- will on-site monitoring be done for these and other emissions

The issues relevant to this review have been addressed in the licence

13. **Manitoba Labour - Workplace Safety and Health Division** – did not respond.

Zenith Paving Ltd.
Summary of Comments

No response necessary.

PUBLIC HEARING:

Public hearings were not requested nor convened.

RECOMMENDATIONS:

A Licence considering the above relevant concerns as well as those of the Approvals Branch be prepared and issued. Responsibility for enforcement of the Licence may be transferred to the Region.

PREPARED BY:

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March 30, 1998

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