

Terms of Reference

Clean Environment Commission Investigation into

Nutrient Reduction at the City of Winnipeg Wastewater Treatment Facilities

Mandate of the Investigation

In accordance with section 6(5) (a) and (c) of *The Environment Act*, the CEC at the request of the Minister of Conservation shall conduct an investigation into nutrient reduction and ammonia treatment at the City of Winnipeg's wastewater treatment facilities. The CEC will provide advice and recommendations to the Minister in accordance with the following terms of reference.

Terms of Reference

1. The CEC will conduct an investigation and provide advice and recommendations regarding the following matters:
 - a) The appropriate and sustainable level of nitrogen reduction, if any additional reduction is required, for the City of Winnipeg wastewater treatment facilities, in order to protect the receiving waters, including Lake Winnipeg.
 - b) The feasibility and sustainability of phasing in nitrogen reduction requirements later than ammonia and phosphorus reduction requirements.

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2. In conducting this investigation and in providing advice and recommendations, the CEC will:

- a) Take into account the CEC's "Report of Public Hearings, City of Winnipeg Wastewater Collection and Treatment Systems" of 2003.
- b) Take into account the current phosphorus, ammonia and total nitrogen limits included in the Environment Act Licences for the City of Winnipeg's wastewater treatment facilities.
- c) Review a report from Associated Engineering, which will be provided to the CEC, regarding nutrient reduction including practices in other jurisdictions as described in the report.
- d) Meet with officials from the City of Winnipeg and from the Departments of Water Stewardship and Conservation and review any relevant documentation from those entities.
- e) Take into account current scientific literature related to nutrient reduction.
- f) Seek relevant scientific and technical advice.