

AMENDED APPLICATION  
OF THE  
RAISIN REGION CONSERVATION AUTHORITY

TO THE  
INTERNATIONAL JOINT COMMISSION

FOR APPROVAL OF  
THE DIVERSION OF WATER FROM THE ST. LAWRENCE RIVER INTO  
THE RAISIN RIVER.

This AMENDED APPLICATION is respectfully submitted by the Raisin Region Conservation Authority, to clarify the contents of the Brief submitted by the Raisin River Conservation Authority, January 1967, and in substitution there for.

### STATUS OF THE APPLICANT.

1. The Applicant is a body corporate, established under the authority of the Conservation Authorities Act (R.S.O. 1960 C.62 as amended) by Order-in-Council No.3034/63. The name of the Applicant was changed from the Raisin River Conservation Authority to the Raisin Region Conservation Authority, and the area over which it has jurisdiction was increased, both of these by Order-in-Council No. 902/68.
2. The Applicant is composed of members appointed by the respective councils of the participating municipalities (Sec.10 sub-section 1, 2 & 3 of the Conservation Authorities Act).
3. The Applicant has jurisdiction over all or part of the following municipalities:- The City of Cornwall, The Town of Alexandria, The Village of Lancaster, and the Townships of Cornwall, Charlottenburgh, Kenyon, Osnabruck, Roxborough, Locheil, and Lancaster. Each is a participating municipality according to Sec.1(j) of the Conservation Authorities Act.
4. The Applicant has jurisdiction over all lands that would be involved along the routes of the two proposed diversion channels referred to in this Application.
5. The objects of the Applicant are to undertake and effect such conservation programmes in respect to the areas under its jurisdiction as it deems necessary.
6. The Applicant may enforce payment against any participating municipality, that portion of a capital cost required to be raised by that municipality, as a debt due by that municipality to the Applicant.
7. The Applicant may levy annually against each participating municipality, a sum, for the purpose of paying administration costs and the costs of maintenance of any works included in any programme.
8. It is the intent of the Applicant to implement a conservation programme which will improve and benefit the area over which it has jurisdiction. To this end the Applicant is conducting

studies of such projects as channel improvements and the construction of wiers to impound water. The costs of these studies are being financed by funds being raised from the benefiting member municipalities, together with grants provided under provisions of the Conservation Authorities Act of Ontario or the Agricultural Rehabilitation and Development Act of Canada.

GENERAL DESCRIPTION OF THE PROJECT.

9. Upon the establishment of the Applicant, the Conservation Authorities Branch of the Ontario Department of Energy and Resources Management undertook a survey of the Raisin River watershed and published "The Raisin River Conservation Report 1966". This report states that, due to the flatness of the watershed there are no feasible reservoir sites where water might be impounded in the spring for use later in the summer to augment the low summer flows. It also states that low summer flow presents a critical situation, in that there is an insufficient water supply for stock watering, recreation and for fish and wildlife. The report suggests two possible channels by which water could be diverted from the St. Lawrence River into the Raisin River. (Chapter 8, Section 4). These are referred to as the Long Sault and the Lunenburg Diversion Channels.

10. The Applicant wishes to divert water from the St. Lawrence River into the Raisin River in order to augment low summer flows in the Raisin. This would provide a reliable source of water for farms and villages and an improved environment for fish and wildlife, as well as increase the recreational and aesthetic value of the Raisin River.

11. The Applicant has signified its intention to develop the two diversion channels mentioned in the Conservation Report 1966, the locations of which are marked on the attached map, and to finance these in the usual manner. Nevertheless without first having the necessary approval of the International Joint Commission, to divert water from the St. Lawrence River into the

Raisin River, the Applicant is not in a position to request grants from the Government to help finance either preliminary or design engineering of the proposed diversion channels. Accordingly the Applicant does not think it feasible at this time to determine the types of control structures, their elevations and dimensions and the method of operating such structures.

12. In anticipation of the construction of the proposed Long Sault Diversion Channel, the Applicant obtained Minister's Approval (No.213-67) for a grant toward the cost of laying a tunnel liner under Ontario Highway No.2 by the Department of Highways during the highway improvement project No. W.P.128-66-01. This liner, placed according to specifications approved by the Minister of Energy and Resources Management and the Department of Highways, will permit the Applicant to convey water under this highway at the site of the proposed Long Sault Diversion Channel.

13. The water that would be diverted from the St. Lawrence River through the proposed channels would by-pass the Robert H. Saunders and the Robert Moses Generating Stations but it would be returned, by way of the Raisin River, to the St. Lawrence River at Lancaster, Ontario.

14. The Applicant has agreed in principle to pay the Ontario Hydro Electric Power Commission for the use of any water that would be diverted through these diversion channels.

15. The Applicant acknowledges that fluctuations occur in the elevation of Lake St. Lawrence and these will be taken into account in the hydraulic design of any diversion works.

16. The Applicant will work in close co-operation with the Ontario Hydro Electric Power Commission and any other interested or affected parties.

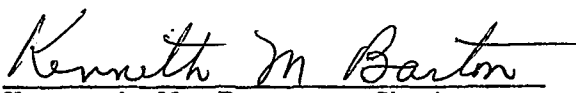
17. If this Application is approved by the International Joint Commission, the detail design and specifications for all diversion

control structures will be prepared by qualified consultant engineers and will be subject to review and approval by both the Ontario Department of Energy and Resources Management and the International Joint Commission.

18. The actual construction of any diversion control structures will be done by a contractor, approved by the Department of Energy and Resources Management, and supervised by a consultant engineer.

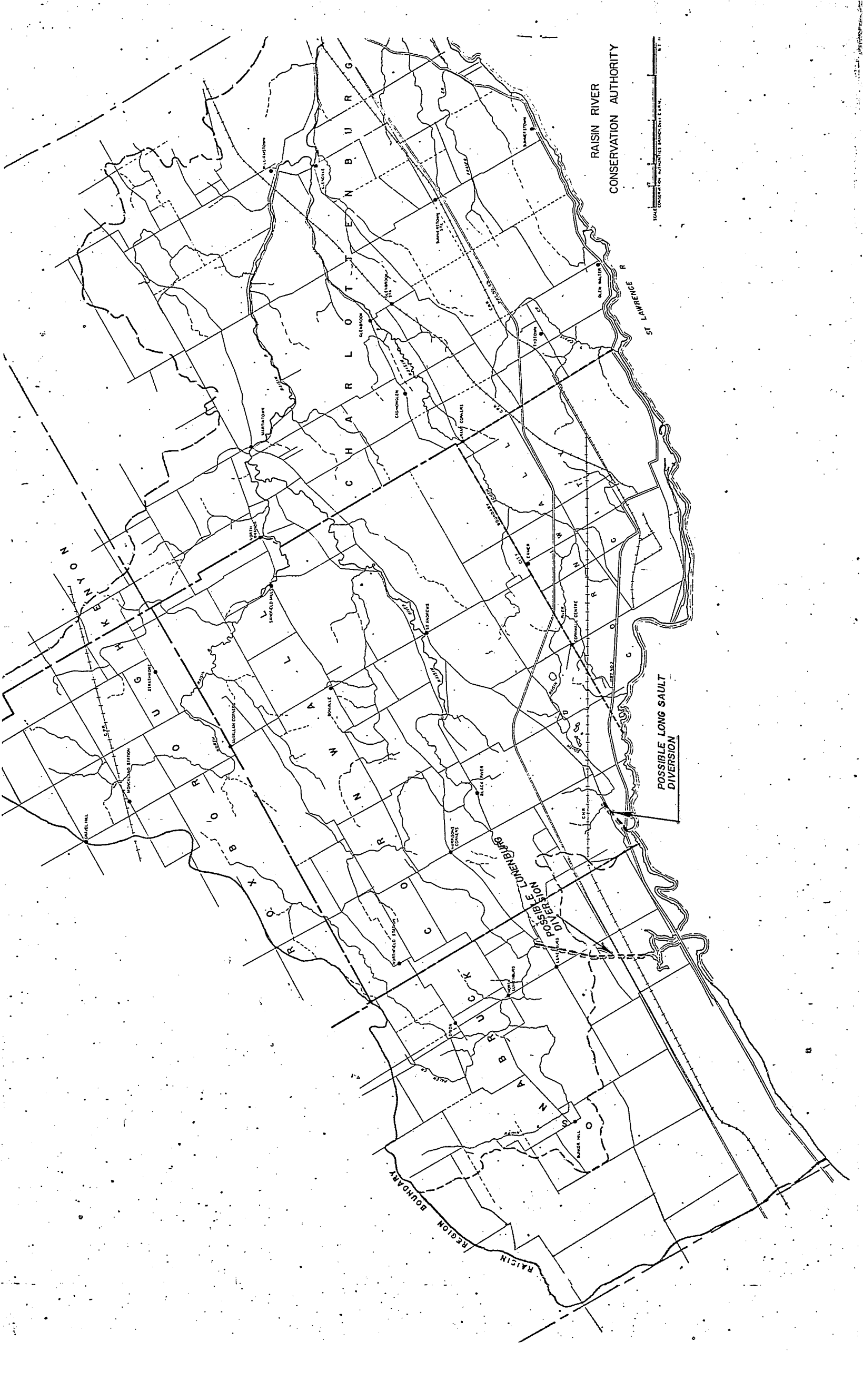
19. In accordance with Article 111 of the Boundary Waters Treaty, the Applicant requests the approval of the International Joint Commission for the diversion of water from the St. Lawrence River in to the Raisin River each year for a period of 100 days or as required to improve the conditions of the Raisin River during the periods of natural low summer flow; Such diversion to be at a rate of approximately 25 cubic feet per second, of which 10 c.f.s. would be conveyed through the Long Sault Diversion Channel and 15 c.f.s. through the Lunenburg Diversion Channel.

Respectfully submitted by:

  
Kenneth M. Barton, Chairman,  
THE RAISIN REGION CONSERVATION AUTHORITY.

This day of June 24 - 1968 Year.





RAISIN RIVER  
CONSERVATION AUTHORITY

SCALE: 1" = 1 MILE  
CONSERVATION AUTHORITY'S BOUNDARY E.A.R.N.

POSSIBLE LONG SAULT  
DIVERSION

RAISIN  
REGION BOUNDARY