

# Addressing Concerns for Water Quality Impacts from Large-Scale Great Lakes Aquaculture

Based on a Roundtable  
Co-hosted by the Habitat Advisory Board of the Great Lakes Fishery Commission  
and  
the Great Lakes Water Quality Board of the International Joint Commission

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## TABLE OF CONTENTS

- [FOREWORD](#)
- [PREFACE](#)
- [EXECUTIVE SUMMARY](#)
- [INTRODUCTION](#)
- [ROUNDTABLE DESIGN AND PROGRAM](#)
- [SYNTHESIS OF ROUNDTABLE DISCUSSION AND KEY FINDINGS](#)
- [SUMMARY AND RECOMMENDATIONS](#)
- [LITERATURE CITED](#)
- [APPENDIX 1](#) Roundtable Agenda
- [APPENDIX 2](#) Roundtable Attendees
- [APPENDIX 3](#) Great Lakes Aquaculture and Water Quality by Ian Smith
- [APPENDIX 4](#) Nutritional Strategies for the Management of Aquaculture Wastes by Dominique P. Bureau and C. Young Cho
- [APPENDIX 5](#) Status and Expected Growth of Aquaculture - U.S. Experiences by Donald L. Garling and Ted R. Batterson
- [APPENDIX 6](#) Expected Growth of Aquaculture - Ontario Experiences by Ken Linington, Steve Naylor, and Lorne Widmer
- [APPENDIX 7](#) Managing Effluents from an Intensive Fish Culture Facility: The Platte River State Fish Hatchery Case History by Gary E. Whelan
- [APPENDIX 8](#) Aquaculture - Experiences and Lessons: Ontario Ministry of Natural Resources by Alan Sippel and Mark Muschett
- [APPENDIX 9](#) Water Quality Impacts from Aquaculture Cage Operations in the LaCloche/North Channel of Lake Huron by Peggy Gale
- [APPENDIX 10](#) Minnesota's Experience with Net Pen Aquaculture in Mine Pit Lakes by Marvin E. Hora 59
- [APPENDIX 11](#) British Columbia Experiences by A.J Castledine
- [APPENDIX 12](#) A Farmer's Perspective by Gord Cole
- [APPENDIX 13](#) Environmental Assessment Tool for Private Aquaculture in the Great Lakes Basin: Summary of a WORKING DRAFT by Anne R. Kapuscinski and Deborah J. Brister

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Steering Committee members: Margaret Dochoda, Doug Dodge, John Hartig, Marvin Hora, Al Sippel, Ian Smith, Lisa Tulen, and Gary Whelan

This report is dedicated in memory of W.J. "Jack" Christie.

Jack Christie spent his professional career as a fisheries research scientist for the Ontario Ministry of Natural Resources and was a long-time proponent of Great Lakes protection and rehabilitation. At the time of his death in 1997, he had just provided technical input to the Great Lakes Water Quality Board of the International Joint Commission and the Habitat Advisory Board of the Great Lakes Fishery Commission on expansion of Great Lakes aquaculture and concern for water quality impacts, introductions of exotic species, and loss of native gene pools. Jack cautioned that a sustainable strategy for aquaculture will require: consideration of all costs, from those at the local scale to those on the global scale; application of the lessons of history and the best science possible; and coordination and leadership among jurisdictions by the two Commissions. This report is dedicated in Jack Christie's memory and offered as a tribute to his contribution to ecosystem-based management of the Great Lakes.

### **Web Sites:**

International Joint Commission

<http://www.ijc.org>

Great Lakes Water Quality Board of the International Joint Commission

[http://www.ijc.org/conseil\\_board/water\\_greatlakes/en/glwqb\\_home\\_accueil.htm](http://www.ijc.org/conseil_board/water_greatlakes/en/glwqb_home_accueil.htm)

Great Lakes Fishery Commission

<http://www.glfc.org>

Habitat Advisory Board of the Great Lakes Fishery Commission

<http://www.glfc.org/staff/hab.htm>

Disclaimer: The case studies presented in the appendices of this report do not necessarily represent the views or position of the author's associated organizations, the Habitat Advisory Board of the Great Lakes Fishery Commission, or the Great Lakes Water Quality Board of the International Joint Commission.