

Niagara Irrigation Initiative Project

Project Kick-Off Information Session

Feasibility, Costing, and Preliminary Design Study for a New Piped Irrigation System in Lincoln and West St. Catharines



Possibility grows here.



Ontario Tender Fruit Growers



Improving Irrigation in Niagara – A Histor

- **Early 2000's** – Raw Water for Agricultural Purposes Study
- **2016** – Niagara Irrigation Strategic Action Plan
- **2020** – Irrigation Committee of the Whole Formed
- **2020 – 2023** – Project Visioning and Scoping
- **2021** – Review of Possible Governance Models
- **Current** – Niagara Irrigation Initiative Project

Study Components

- **Environmental Assessment-like evaluation of alternatives**
 - To examine various alignments and source water options
 - Technical feasibility, environmental sustainability, fiscal responsibility
- **Preliminary design**
 - 10% engineering design of pipe network and pipe sizes, preliminary design of source water option(s)
- **Cost estimate study**
 - Capital, operational, life cycle, and design costs
- **Consultation and engagement**
 - Growers, stakeholders, regulators, public, indigenous groups and organizations
- **Considerations for implementation**
 - Next steps in the design and construction process, possible phasing strategies, etc.

Study Area

- The area under consideration is primarily between Beamsville and St. Catharines below the Escarpment
- The overall study area extends above the Escarpment to ensure a full range of alternative alignments and source water options are considered



Project Steering Committee

- Undertaking the project on behalf of the growers, producers, agricultural community, and others who will benefit from new and upgraded irrigation
- Includes Regional Staff, grower and municipal representatives from NOTL, Lincoln, and St. Catharines, as well as a representative from Grape and Tender Fruit Ontario Limited and Regional Council. OMAFA and CIB staff are also participating as members of the Steering Committee
- Niagara Region Staff are providing project management and technical support for the overall Project

Project Funders

- Government of Canada
- Ontario Ministry of Agriculture, Food, and Agribusiness (OMAFRA)
- Canada Infrastructure Bank (CIB)
- Greenbelt Foundation
- Niagara Region
- Grape Growers of Ontario (GGO)
- Ontario Tender Fruit Growers (OTFG)
- Town of Lincoln
- Town of Niagara-on-the-Lake (NOTL)
- City of St. Catharines
- Local Niagara Greenhouse Growers

Project Timelines

- Feasibility, Costing, and Preliminary Design Study to be completed by the end of 2026
 - Formal and informal consultation and engagement with growers, producers, greenhouse operators, and agricultural landowners will occur throughout the study process
- Timing for design and construction will be dependent on the outcomes of the Study, completion of a business case, and decisions on governance

Niagara Irrigation Initiative Project

Please Sign Up Here

Provide your name, address, e-mail and other details to ensure that you are kept up-to-date, and that your input is collected at key points in the process

irrigation@niagararegion.ca

Niagara  Region



Possibility grows here.

 Grape Growers
of ONTARIO



Ontario
Tender Fruit
Growers

Town of

Lincoln

 St. Catharines

Niagara 
-on-the-Lake

 Sustainable Canadian
Agricultural Partnership

Ontario 

Canada 