

**NIAGARA PENINSULA CONSERVATION AUTHORITY
FULL AUTHORITY MEETING MINUTES**

Wednesday November 18, 2015; 9:30 am
Ball's Falls Centre for Conservation
3292 Sixth Avenue, Jordan, ON

MEMBERS PRESENT:

S. Annunziata (Vice-Chair)

F. Campion
P. Darté
D. DiFruscio
J. Diodati
B. Hodgson
A. Jeffs
D. Joyner
J. Kaspersetz
J. Maloney
T. Quirk
R. Shirton

B. Timms (Chair)

MEMBERS ABSENT:

B. Baty (regrets)
S. Beattie (regrets)

STAFF PRESENT:

C. D'Angelo, CAO/Secretary-Treasurer
D. Barrick, Director, Operations
P. Graham, Director, Watershed Management
J. Long, Sr. Mgr. Corporate Services
S. McInnes, Manager, Plan Review & Regulations
M. Brickell, Manager, Strategic Initiatives
G. Furtney, Operations Supervisor
B. Wright, Manager, Watershed Projects
S. Miller, Supervisor, Water Resources
R. Kitchen, Water Quantity Technician
M. Ferrusi, HR Generalist
K. Vallier, Communications and Foundations Manager
M. Reles, Communications Specialist
K. Frohlich, Ecologist
G. Verkade, Supervisor, GIS
L. Conte, Administrative Assistant; Office of CAO

GUESTS PRESENT:

Nadine Mercey, Liz Aldrey, Don Suob, Ellen & Glen Robins, Marco Megazzini (NCDSB), John Langendoen (Willowbrook Nurseries), Laura Beck (Eventful Niagara), Barb Christopher (Young Sod Farms), Ron Gill, Willie Wakulich, Erika Furney, Shellie Correia, Ital Haeberle, Andrea Bourrie (MMM Group), Mark Hartley (MMM Group); Len Aarts, Bev Lepard, Norm Johnson, Don Smith (WRFA), Preston Haskell

Full Authority meeting called to order at 9:38 am and Chairman Timms welcomed board members, guests and recognized members of the Welland River Floodplain Association in the gallery; Bev Lepard, Len Aarts, Norm Johnson, Don Smith.

DECLARATION OF CONFLICT OF INTEREST

Mayor F. Campion declared a conflict of interest regarding Report No. CR-125-15 Transfer of Land, City of Welland.

ADOPTION OF AGENDA:

Item 13 of the Agenda; Report No. 123-15 regarding the St. Johns Expression of Interest, will be considered as the first item of business following the CAO comments.

Resolution No. FA – 181 - 15

Moved by: S. Annunziata
Seconded by: R. Shirton

THAT the agenda for the Full Authority Meeting be adopted with the noted change.

CARRIED

DELEGATIONS:

A. MMM – Floodplain mapping

Ms. Andrea Bourrie with the consulting firm MMM Group provided an overview of the floodplain re-mapping for the Welland River via a PowerPoint presentation (attached).

Members expressed an interest in seeing the results of the comments that will be received through the consultation and engagement process. MMM Group assured members that as part of their process, results will be reported to the board.

Resolution No. FA – 182 - 15

Moved by: D. Joyner
Seconded by: P. Darté

THAT the board receive MMM presentation regarding the floodplain mapping

CARRIED

B. NPCA Staff – S. Miller - Welland River update

PowerPoint presentation (attached)

Resolution No. FA – 183 - 15

Moved by: T. Quirk
Seconded by: F. Campion

THAT the board receive NPCA staff update presentation on the Welland River.

CARRIED

NOTE: Staff directed to post this presentation on the NPCA website.

BUSINESS:

1. **A. Approval of the Minutes - Full Authority Board Meeting October 21, 2015**

B. Committee Meeting Minutes:

➤ ***Budget Steering Committee Meeting – October 7, 2015***

Resolution No. FA – 184 - 15

Moved by: P. Darté

Seconded by: T. Quirk

THAT the minutes of the **Full Authority Meeting** held October 21, 2015 be approved as presented; and

THAT the **Budget Steering Committee Meeting** minutes of October 7, 2015 be approved as presented.

CARRIED

2. **Business Arising from the Minutes**

None.

3. **Correspondence:**

- ***Strive Canada – letter dated November 5, 2015***
- ***AMO – letter dated November 7, 2015 RE: CA Act***
- ***AMO - letter dated November 7, 2015 RE: Wetlands in Ontario***

Resolution No. FA – 185 - 15

Moved by: S. Annunziata

Seconded by: J. Diodati

THAT all correspondence items be received for information; and,

THAT the letters from AMO regarding the CA Act and Wetlands in Ontario, be referred to staff for comment.

CARRIED

4. **Chair's Remarks**

Chair Timms provided some background on the NPCA icon and the Tulip tree through a PowerPoint presentation. An update via photos taken on November 14th at the Gord Harry Trail provided members with a visual update of the Turbine Easement of the trail.

5. **CAO Comments**

- C. D'Angelo attended a workshop on biodiversity offsetting and a meeting has been scheduled in December with MPP Eleanor McMahon, Parliamentary Assistant to the Minister of Natural Resources.
- NPCA budget will be presented to the City of Hamilton on Jan 29th and will request the CA levy be identified on tax bills.
- Proposed paperless agendas to board members. G. Verkade gave brief demonstration on the One Drive to access electronic agendas; board members requested an information session on how to utilize.

6. St. Johns Centre Expression of Interest Discussions - Report No. 123-15

NOTE: Members J. Maloney, J. Diodati and S. Annunziata declared a conflict of interest as they have family members working for the Niagara Catholic District School Board and were excused from the meeting during the consideration of this report.

Three (3) proponents were present in the gallery to answer questions if required. Financial information was provided to the board today by one proponent, and due to its confidential nature, the following motion was made;

Resolution No. FA – 186 - 15

Moved by: P. Darte

Seconded by: J. Kaspersetz

THAT Full Authority meeting move to closed session to discuss financial information received from Nadine Mercey, a proponent of the St. Johns Centre, Expression of Interest.

CARRIED

Closed Session

Having considered the confidential matter, the following resolution was passed;

Resolution No. FA – 187 - 15

Moved by: P. Darte

Seconded by: J. Kaspersetz

THAT this meeting rise from closed session without report.

CARRIED

Public Session:

In consideration of Report No. 123-15, the following was resolved;

Resolution No. FA – 188 - 15

Moved by: B. Hodgson

Seconded by: J. Kaspersetz

THAT Report No. 123-15 be **RECEIVED**; and

THAT the NPCA Board **AUTHORIZE** staff to enter into a Lease Agreement with Brock University and Niagara Catholic District School Board regarding the St. Johns Centre property.

CARRIED

Reports for Information:

7. Project Status Reports:

7.1 Watershed Status Report No. 114-15

7.2 Operations Status Report No. 115-15

7.3 Corporate Services Status Report No. 116-15

8. Financial & Reserve Status – Ending October 31, 2015 Report No. 117-15

9. Forestry & Tree and Forest Bylaw – Report No. 118-15

10. NPCA Geocaching Guidelines - Report No. 119-15

NOTE: Direction to Staff to post the Geocaching guidelines on the NPCA website

Resolution No. FA – 189 - 15

Moved by: P. Darte

Seconded by: T. Quirk

THAT Reports 114, 115, 116, 117, 118 and 119 be received for information.

CARRIED

Reports for Consideration:

11. 2016 Proposed Board Meeting Schedule – Report No. 120-15

- It was noted by member A. Jeffs that the community expressed disappointment for meetings scheduled in the daytime; evening is preferred. CAO D'Angelo reported that the live-streaming proposal is upcoming.

Resolution No. FA – 190 - 15

Moved by: S. Annunziata

Seconded by: T. Quirk

THAT the NPCA Board of Directors **APPROVE** the NPCA Board of Directors 2016 meeting schedule as presented in Report No. 120-15

CARRIED

12. 2016 Draft Planning and Regulations Fees - Report No. 121-15

NOTE: A conflict of interest was declared by Member J. Maloney on this report as he has applied for a permit and thus abstained from voting on the following resolution:

Resolution No. FA – 191 - 15

Moved by: A. Jeffs

Seconded by: P. Darte

THAT the Board adopt the 2016 Planning and Regulations Fee Schedule for implementation; and,

THAT a copy of this report be forwarded to the watershed municipalities and the Community Liaison Advisory Committee (CLAC) and that of copy of the report and new fee schedule be posted on the NPCA website; and,

THAT these fees be reviewed and adjusted annually for cost of living based on the Consumer Price Index for Ontario; and

THAT a detailed evaluation of these fees be completed every two (2) years.

CARRIED

13. Blue Flag Canada Program Update - Report 122-15

- Since Long Beach did not qualify for the Blue Flag Program, member Jeffs asked whether staff could begin testing the newly acquired beach property in Wainfleet (previously known as Lakewood). D. Barrick commented that four (4) years of data testing is required prior to applying for a potential designation.

Resolution No. FA – 192 - 15

Moved by: A. Jeffs

Seconded by: S. Annunziata

THAT Report No. 122-15 be **RECEIVED**; and

THAT the NPCA Board **AUTHORIZE** staff to proceed with the application process and necessary upgrades in hopes that Binbrook Conservation Area achieves a Blue Flag designation in 2016; and

THAT NPCA ask Niagara Region Public Health to begin monitoring the newly acquired beach property in Wainfleet.

CARRIED

14. The Village Phase IV Subdivision, Niagara-on-the-Lake - Report No 124-15

Resolution No. FA – 193 - 15

Moved by: P. Darte

Seconded by: S. Annunziata

THAT Report No. 124-15 be received for information; and

THAT the appropriate signing officers be authorized to execute the necessary documents to facilitate an easement agreement between the Town of Niagara-on-the-Lake and the Niagara Peninsula Conservation Authority (NPCA).

CARRIED

15. Other Business

1. With the decline of Ash Trees, member Jeffs inquired whether there is any replanting plan. C. D'Angelo commented that NPCA is jointly cooperating with Niagara Region to enforce the bylaw. NPCA does not have the mandate or the funding to do this. We manage our own properties and our professional Forester is made available to the public for advice but do not have funds to assist homeowners.
2. Member DiFruscio asked for volunteers to organize the proposed wild game dinner for the Foundation and organize a committee. Members, D. Joyner, J. Maloney, T. Quirk and M. DiFruscio volunteered to assist in organizing this event.
3. Member T. Quirk requested staff provide NPCA's history of wages
4. Following a disruption early in the meeting by a guest in the gallery, members requested staff have a policy in place for public conduct. Direction to staff.

With no other business in the public session, the following resolution was made:

Resolution No. FA – 194 - 15

Moved by: P. Darte
Seconded by: D. Joyner

THAT the meeting move to ***closed session*** to receive a verbal status update on violations, a verbal status update on the Collective Agreement with OPSEU Local 217, receive staff report on a property transfer with the City of Welland and a verbal report on emails received by board members and the subsequent legal advice.

CARRIED

CLOSED SESSION

Declaration of Conflict of Interest:

Member J. Maloney declared a conflict of interest in the Wakulich case and was excused from the meeting during this discussion.

Business in Closed Session:

1. [Violations Status – Verbal update](#)
2. [Verbal update – Collective Agreement with OPSEU Local 217](#)
3. [Property Transfer – City of Welland – Report No. CR-125-15](#)
4. [Email addressed to board members and legal advice](#)

With no further business in closed session, the following was resolved;

Resolution No. FA – 195 - 15

Moved by: R. Shirton
Seconded by: J. Diodati

THAT the meeting rise from closed session with report.

CARRIED

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The following resolution resulted from discussions held in closed session;

Resolution No. FA – 196 - 15

Moved by: J. Kaspersetz

Seconded by: T. Quirk

THAT staff proceed with the directions given by the Board in closed session.

CARRIED

ADJOURNMENT

There being no further business, the Full Authority meeting was adjourned at 12:45 pm with the following resolution:

Resolution No. FA – 197- 15

Moved by: J. Diodati

Seconded by: D. DiFruscio

THAT the Full Authority meeting be adjourned.

CARRIED



Lisa Conte
Administrative Assistant; Office of CAO
& Board of Directors/Recording Secretary



D. Bruce Timms
Chair, NPCA



WELLAND RIVER FLOODPLAIN MAPPING UPDATE

NPCA Board

November 18, 2015

OUTLINE

- 1 Project Overview
- 2 Timeline and Deliverables
- 3 Communications and Consultation Strategy
- 4 Communication and Engagement Tools
- 5 How Will Input Be Used?

PROJECT OVERVIEW

Welland River Floodplain Mapping Update:

- Previously undertaken by Aquafor Beech in 2010.
- Lack of stakeholder and community input resulted in poor reception of technical recommendations.
- MMM Group has been retained to undertake an integrated approach; technical analysis and stakeholder and community consultation.
- Project Manager and Technical Lead will be Mark Hartley and the Facilitator will be Andrea Bourrie.

PROJECT OVERVIEW

About MMM Group:

- Established in 1952
- Approximately 2,000 Employees
- Multi-disciplinary firm with experts in...
 - Watershed hydrology
 - Floodplain hydraulics
 - Land use planning
 - Community engagement, public consultation and facilitation
 - Various other disciplines
- Recently acquired by WSP Canada...strengthens & deepens our expertise

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DELEGATION NO. 1 - NOV. 18, 2015

PROJECT OVERVIEW

Experience relevant to Welland River:

- National Floodplain Management Framework
- Member of National Floodplain Mapping Technical Working Group
- Numerous watershed hydrologic models including Welland (1989)
- Complex floodplain hydraulics (2D models)
- **Connect, Accurate, Reliable, Empirical** approach
- Facilitation of complex and high profile projects

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DELEGATION NO. 1 - NOV. 18, 2015

TIMELINE AND DELIVERABLES

- **Timeline:**
 - Initiation November 2015
 - Preliminary Completion July 2016
- **Key Deliverables:**
 1. Consultation Strategy
 2. Technical Reports with recommended Floodline Maps
 3. Rationale for how consultation input was addressed in recommended mapping

COMMUNICATIONS AND CONSULTATION STRATEGY

- Technical Report will form the basis for the recommendations:
 - **Will leverage use of all available, relevant and reliable data**
- Communication with the community is designed to facilitate:
 - **Integration of valuable local input;**
 - **Understanding of the technical and regulatory parameters; and**
 - **Overall buy-in to the recommended mapping.**
- Communications and Consultation Strategy document has been prepared in draft; review and refinement at project initiation with the Committee.

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COMMUNICATION AND ENGAGEMENT TOOLS

1. Meeting notices (newspaper advertisements and mail-outs);
2. Website updates and posts to social media;
3. Town Hall Meetings;
4. Watershed Floodplain Committee (WFC) Meetings; and
5. Other to be confirmed with the Committee, as needed.

HOW WILL INPUT BE USED?

- **Education** opportunity regarding technical material;
- Facilitate discussion to assist the community to provide **meaningful input**;
- Listen to concerns and **address them** (verbally and in report format); and
- Clarify the **consultation goal**.
 - Although concerns will be addressed, the technical recommendations may not change. A rationale will be provided in relation to each response.

THANK YOU



NIAGARA PENINSULA
CONSERVATION
AUTHORITY



MMM GROUP

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DELEGATION NO. 1 - NOV. 18, 2015

Provincial Technical Standards

1. Select Flood Standard
2. Review Hydrologic & Hydraulic Procedures
3. Compile Watershed Parameters
4. Compute flood flows
5. Compute water levels
6. Prepare technical report with floodlines



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MMM GROUP

What's new on the Welland River?

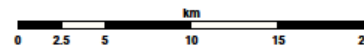


Brief Overview

Welland River Watershed: Main Branch, Binbrook Dam to Niagara River Reaches to Model for Hydraulic Study



- Major Highway
- Major Road
- International Boundary
- Welland River Main Branch
- Watercourses
- Waterbodies
- Municipal Boundaries
- NPCA Jurisdiction
- Urban Area Boundaries



All Frames: North American Datum 1983, Universal Transverse Mercator 6° Projection, Zone 17N, Central Meridian 81° West. Produced by the Niagara Peninsula Conservation Authority with data supplied under licence by members of the Ontario Geospatial Data Exchange, 2014.

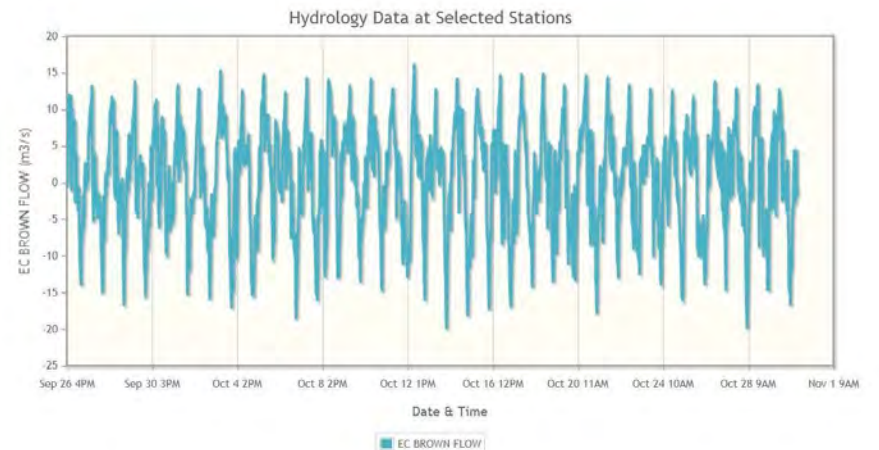
OPG Operations



Welland River Watershed: Main Branch, Binbrook Dam to Niagara River Reaches to Model for Hydraulic Study

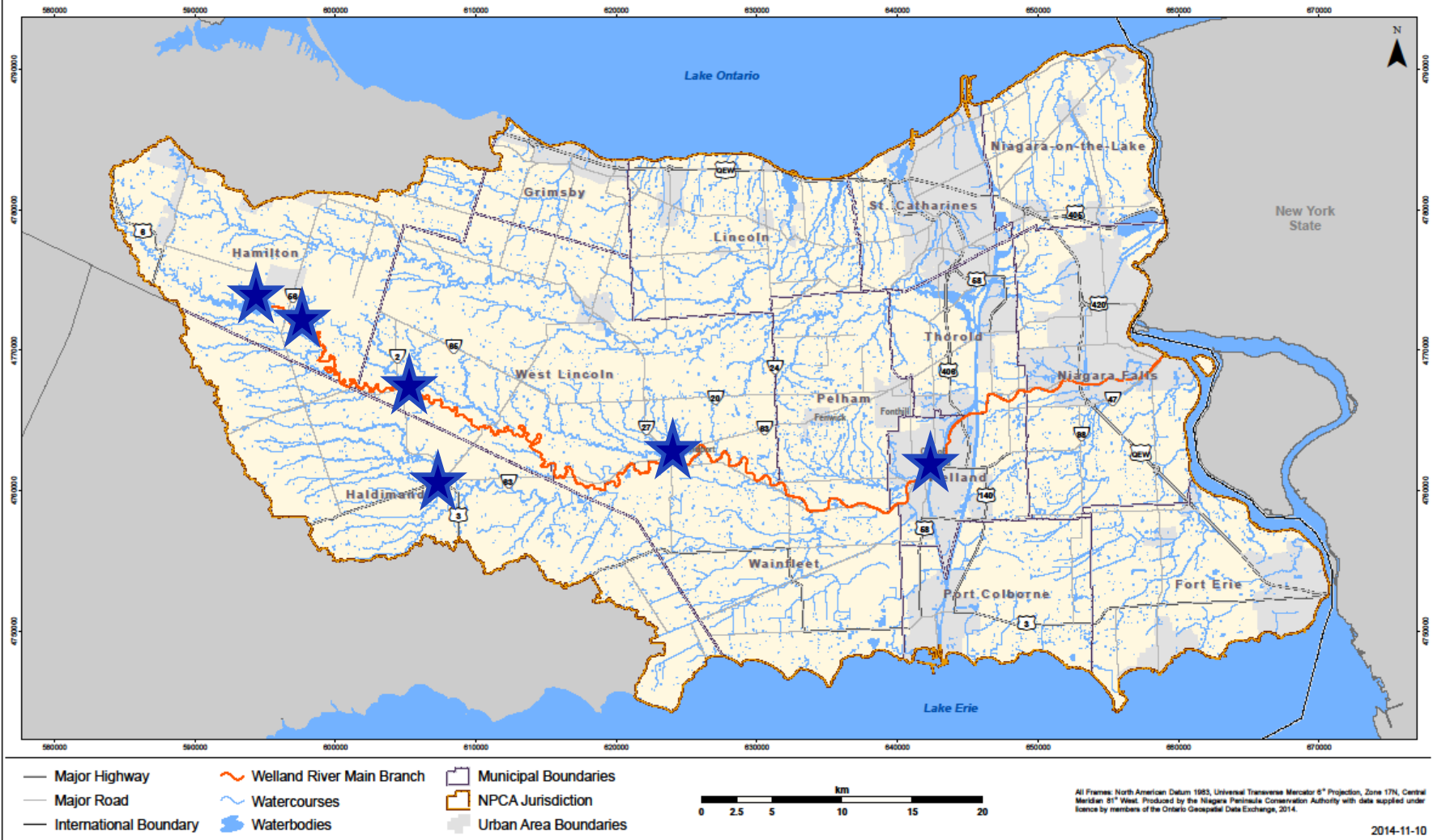


Hydrology Data



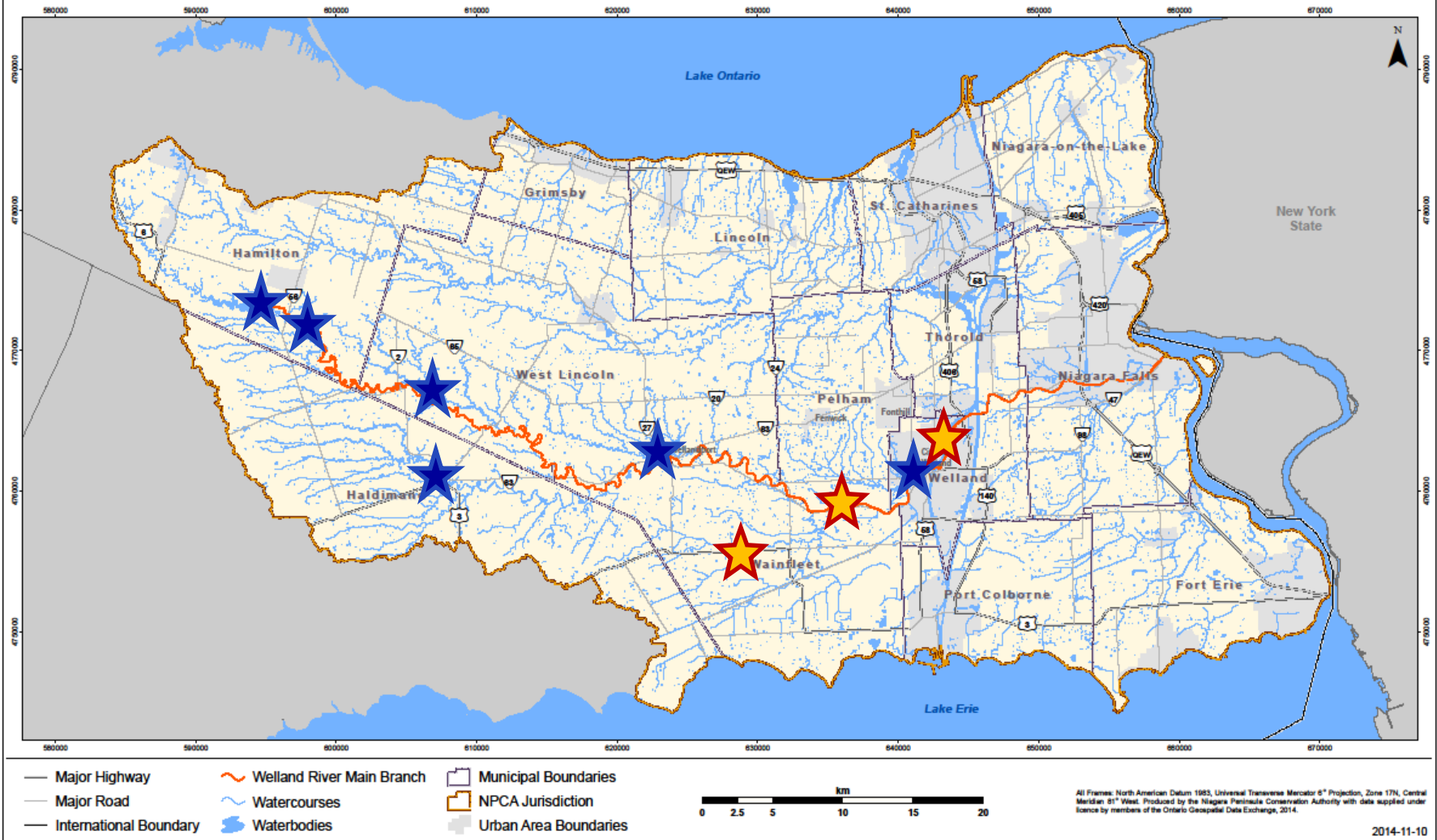
Gauge station data used in 2010 study

Welland River Watershed: Main Branch, Binbrook Dam to Niagara River Reaches to Model for Hydraulic Study

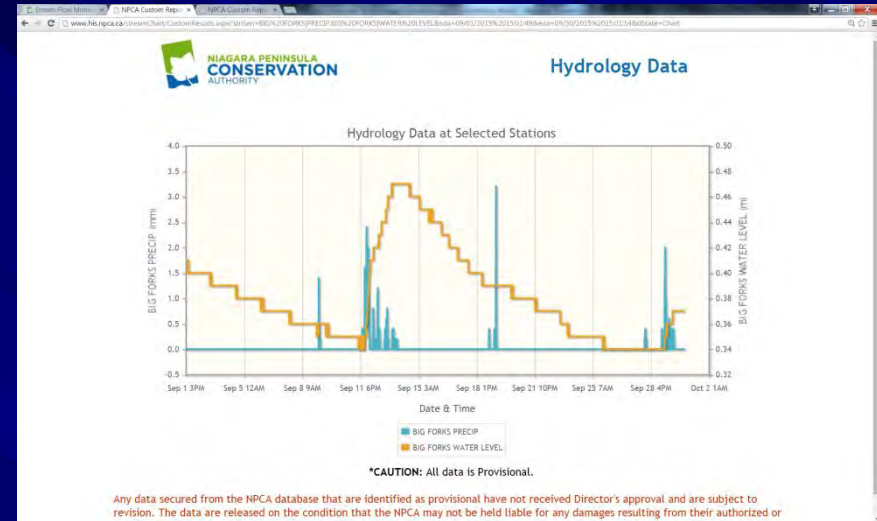


Gauge stations added since 2010 study

Welland River Watershed: Main Branch, Binbrook Dam to Niagara River Reaches to Model for Hydraulic Study



Big Forks Creek



This station was installed in
2012 and records:

- Water Level
- Precipitation



E.C. Brown Gauge



This station became fully operational in spring 2013 and records:

- Water Level
- Water Flow
- Water Flow Direction
- Precipitation

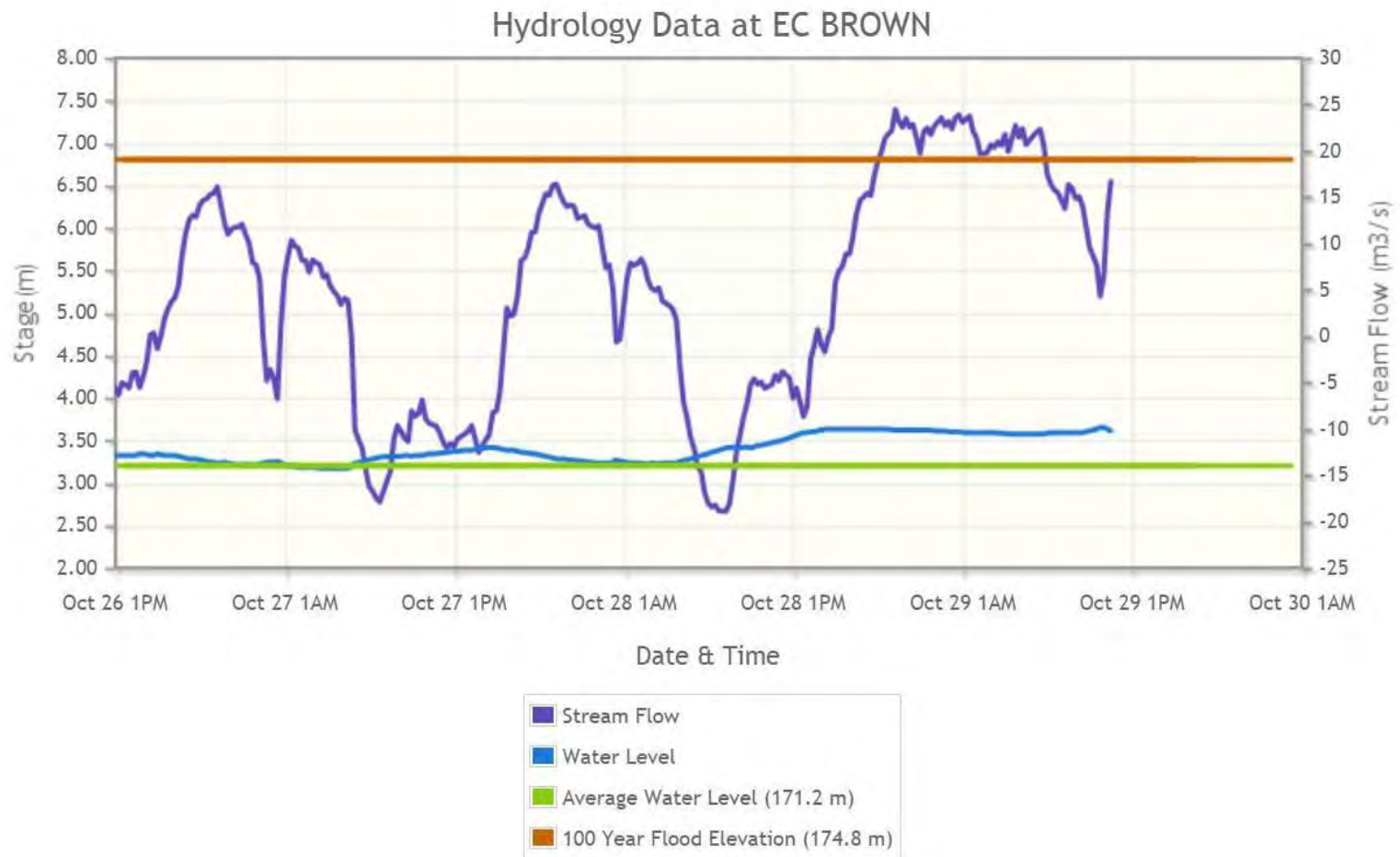


E.C. Brown Gauge



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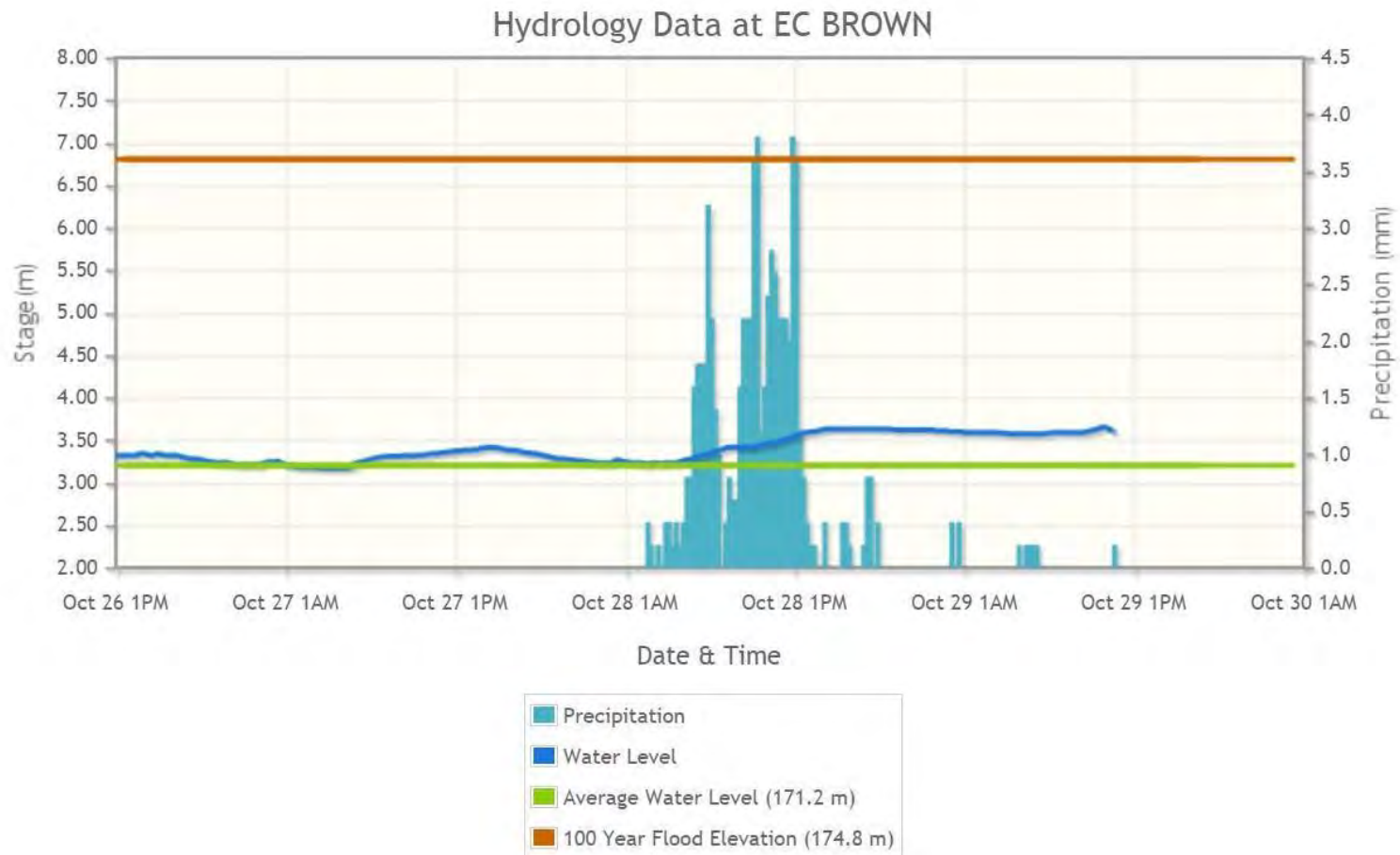
Stream Flow & Water Level Data



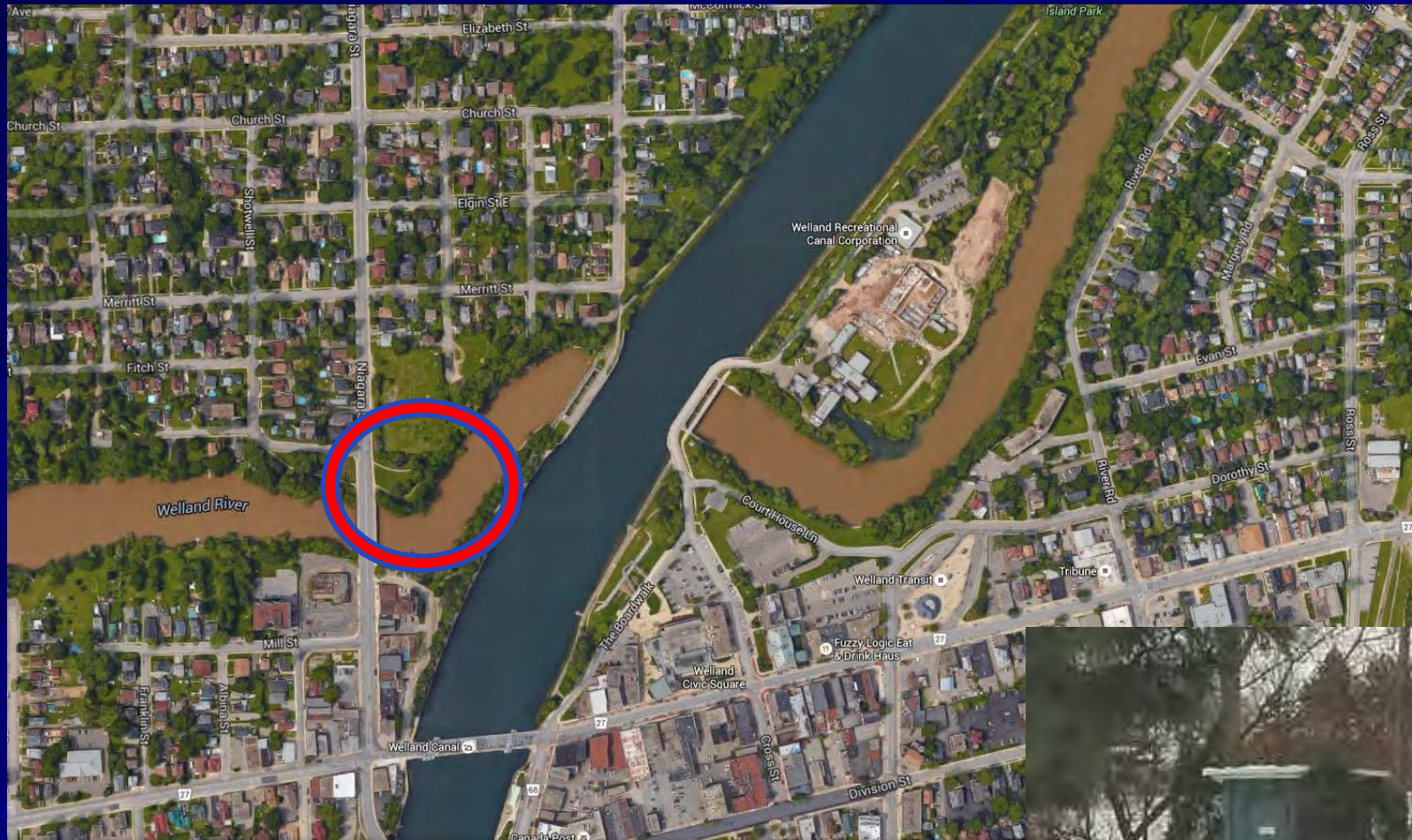
E.C. Brown Gauge



Water Level & Precipitation Data



Ex. 'Old Siphon' Gauge – West Side



This station was installed in 1986
and records:

■ Water Level



New 'Old Siphon' Gauge – East Side



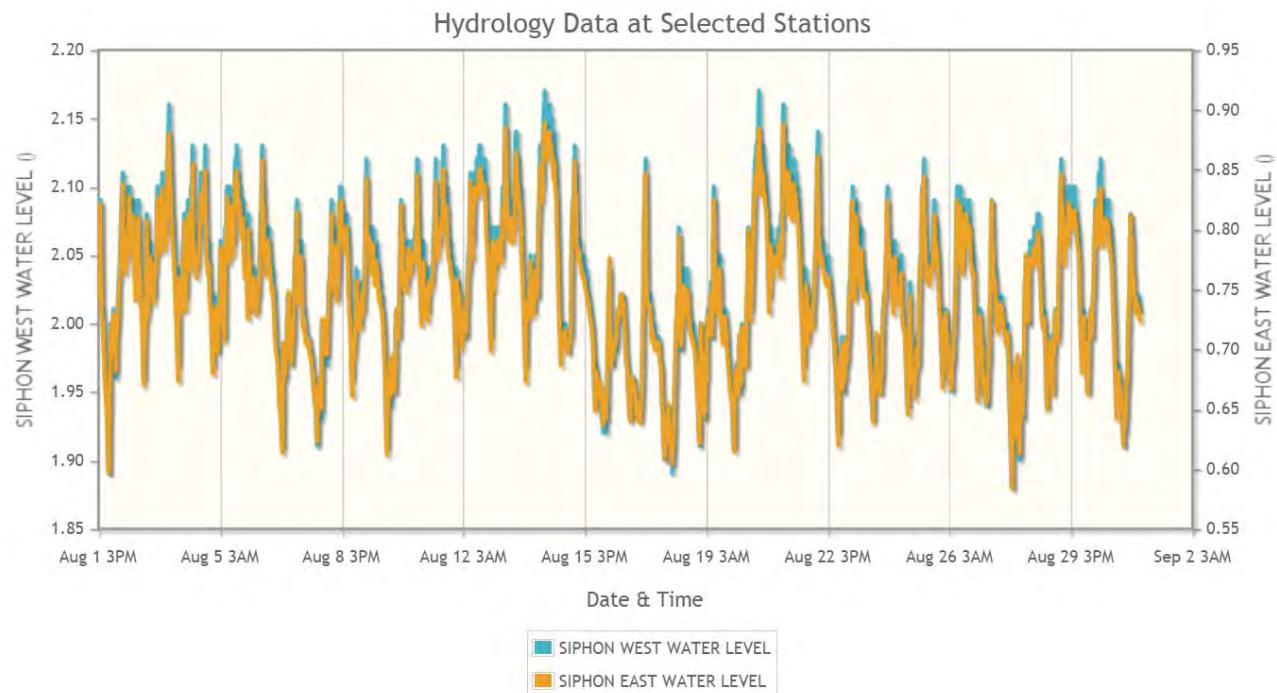
This station was installed in October 2014
and records:

■ Water Level





Hydrology Data



***CAUTION:** All data is Provisional.

Any data secured from the NPCA database that are identified as provisional have not received Director's approval and are subject to revision. The data are released on the condition that the NPCA may not be held liable for any damages resulting from their authorized or



The data from these new stations will help us:

- Improve NPCA flood forecasting and warning capabilities.
- Better understand the impacts to flow on the river.
- Improve the accuracy of any Welland River study, report, or model.



Thanks for listening!
Any questions?

