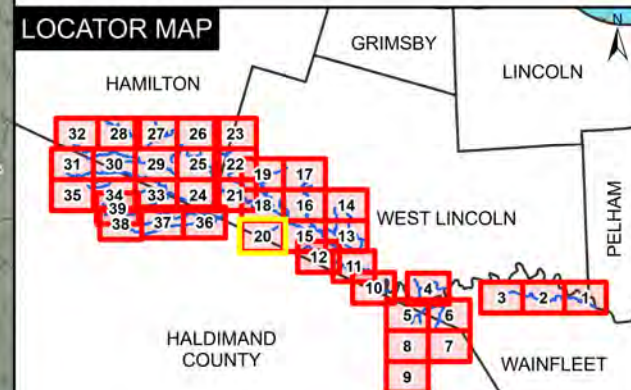


Legend

- Municipal Boundary
- Watershed
- Railway
- HEC-RAS Reaches Mapped
- Other Watercourses
- Contour
- 2D Water Level (100yr WSE)
- 2D Water Level (100yr WSE)
- Study Area Limit
- Cross Section (XS Name: 100yr WSE)
- 100yr Floodlines
- 100yr Floodplain (2D)
- Spill Zone

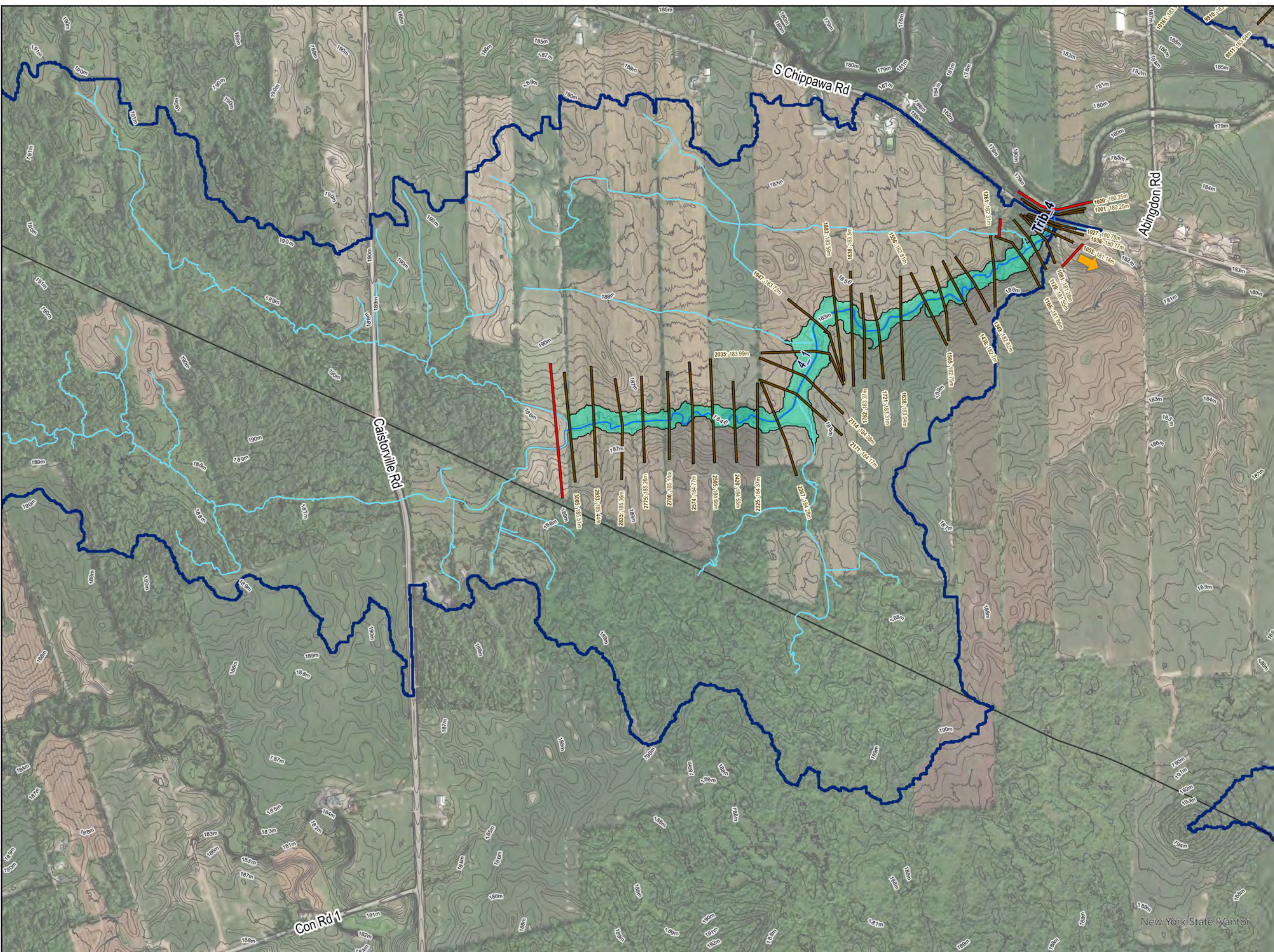
LOCATOR MAP



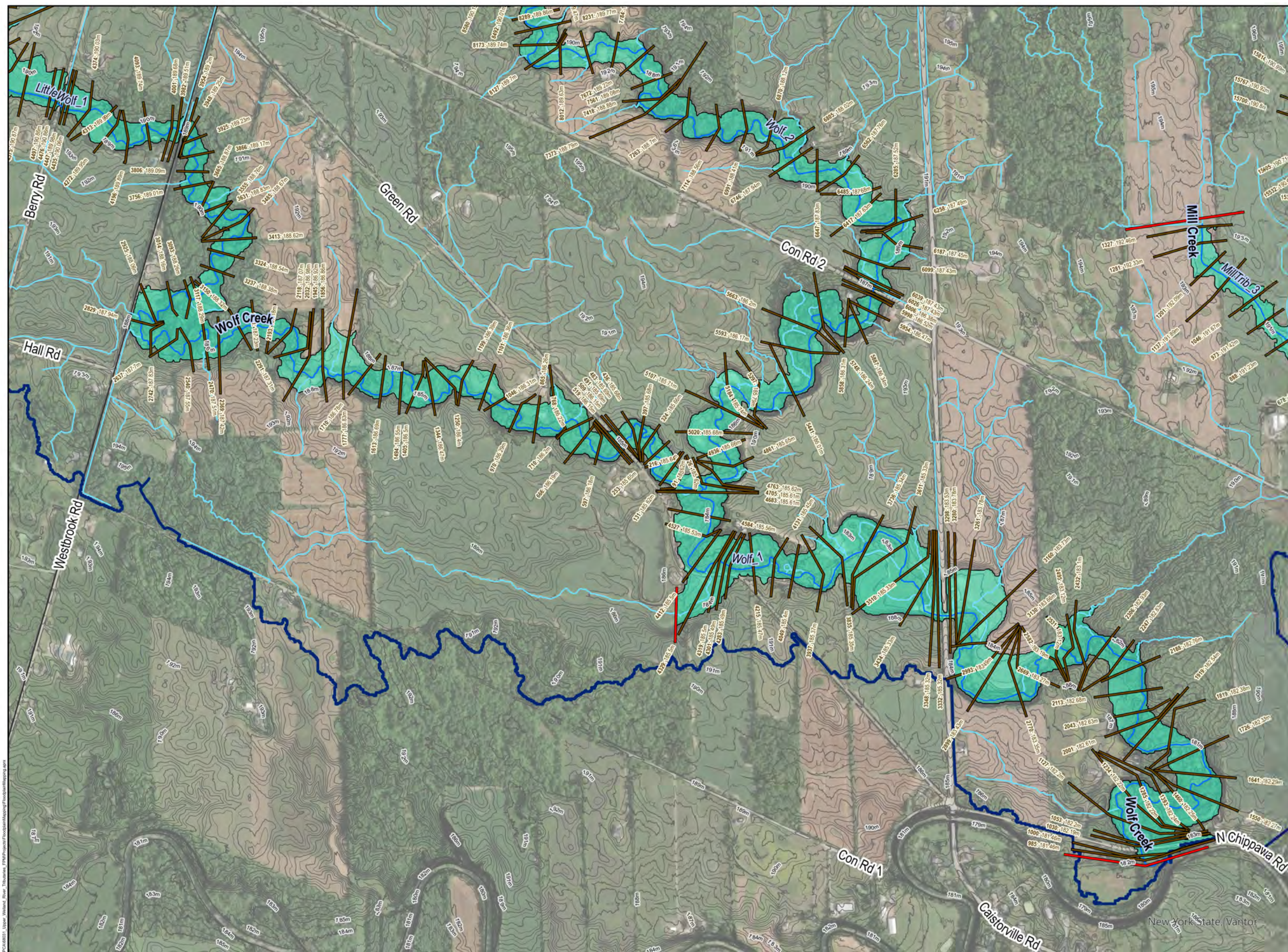
Upper Welland River Tributaries 100yr Floodplain Mapping (20: Trib 4)

Date: 2026-09-22
Projection: NAD83 CSRS UTM Zone 17N / CGVD2013
Data Source: LPRCA, OMNRF, LIO
Created by: A.V.

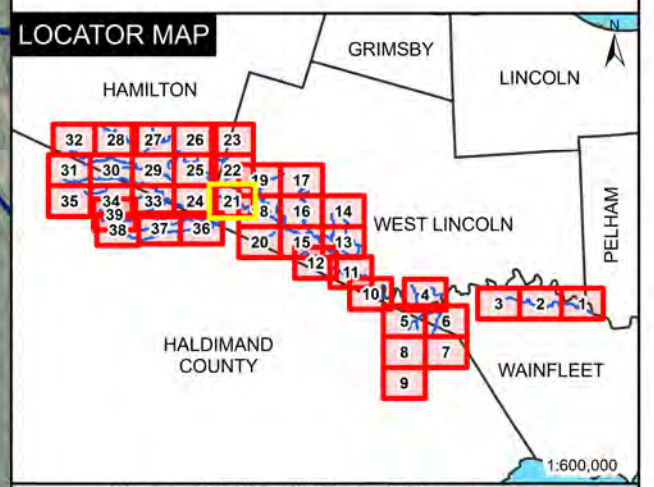
0 125 250 375 500
Meters



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This project was made possible in part by the Province of Ontario.

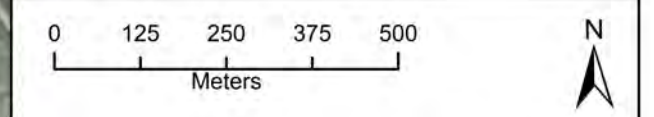


- Legend**
- Municipal Boundary
 - Watershed
 - Railway
 - HEC-RAS Reaches Mapped
 - Other Watercourses
 - Contour
 - 2D Water Level (100yr WSE)
 - 2D Water Level (100yr WSE)
 - Study Area Limit
 - Cross Section (XS Name: 100yr WSE)
 - 100yr Floodlines
 - 100yr Floodplain (2D)
 - Spill Zone

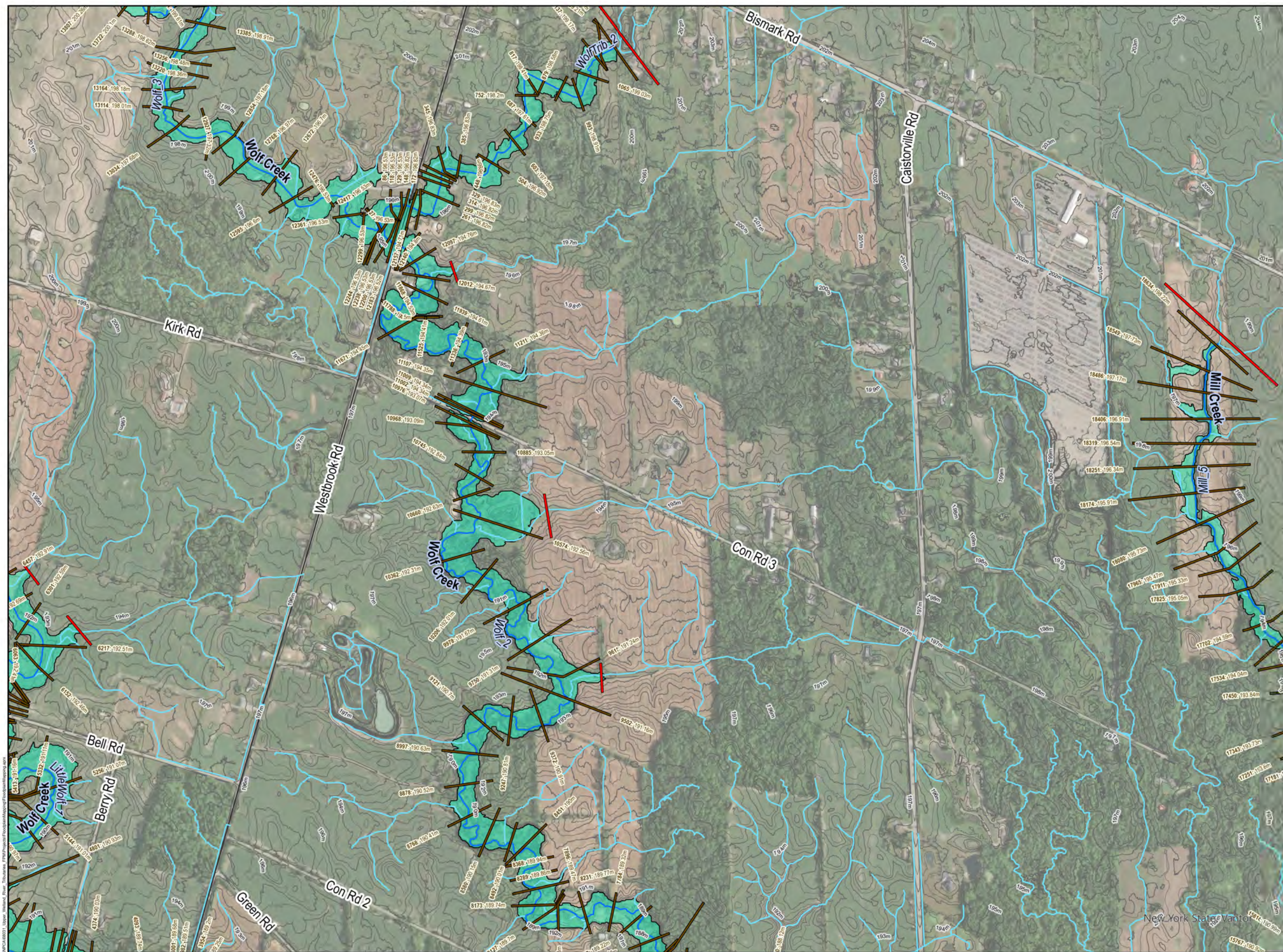


Upper Welland River Tributaries
100yr Floodplain Mapping
(21: Wolf Creek)

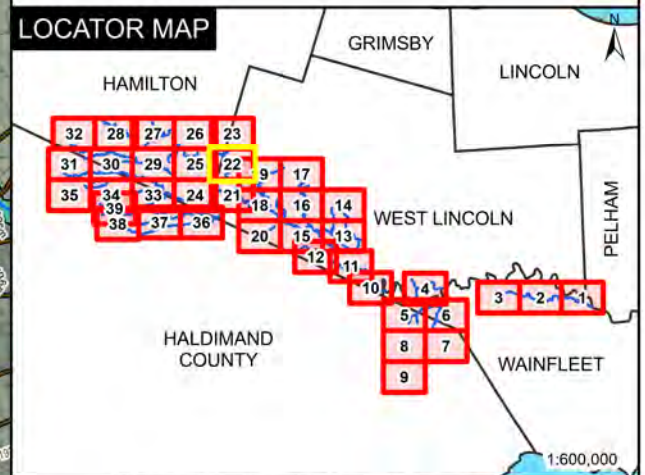
Date: 2026-09-22
Projection: NAD83 CSRS UTM Zone 17N / CGVD2013
Data Source: LPRCA, OMNRF, LIO
Created by: A.V.



This project is funded [in part] by the Government of Canada.
This project was made possible in part by the Province of Ontario.

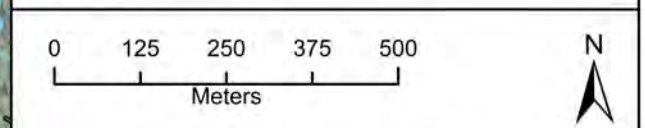


- Legend**
- Municipal Boundary
 - Watershed
 - Railway
 - HEC-RAS Reaches Mapped
 - Other Watercourses
 - Contour
 - 2D Water Level (100yr WSE)
 - 2D Water Level (100yr WSE)
 - Study Area Limit
 - Cross Section (**XS Name:** 100yr WSE)
 - 100yr Floodlines
 - 100yr Floodplain (2D)
 - Spill Zone

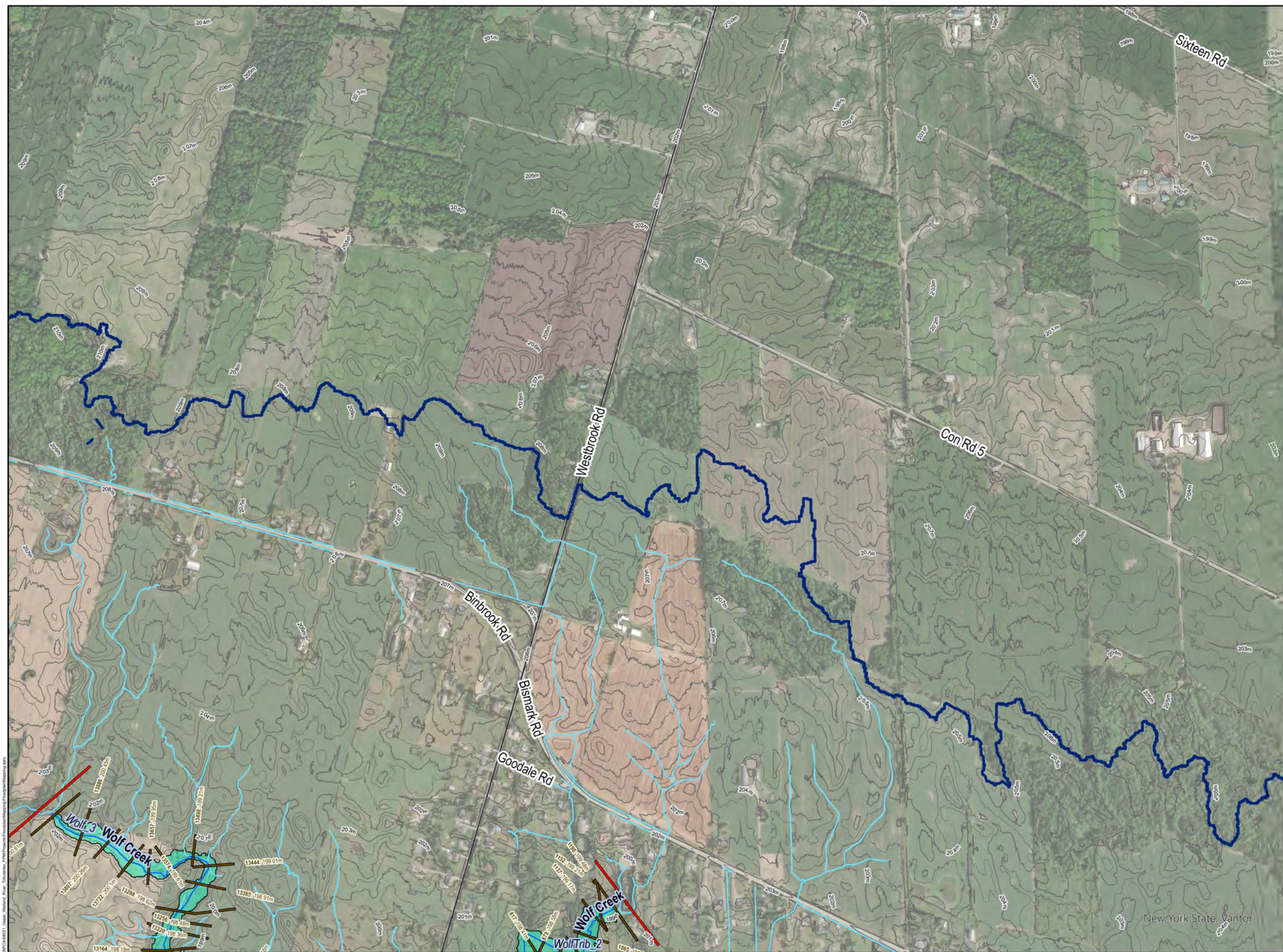


Upper Welland River Tributaries
100yr Floodplain Mapping
(22: Wolf Creek)

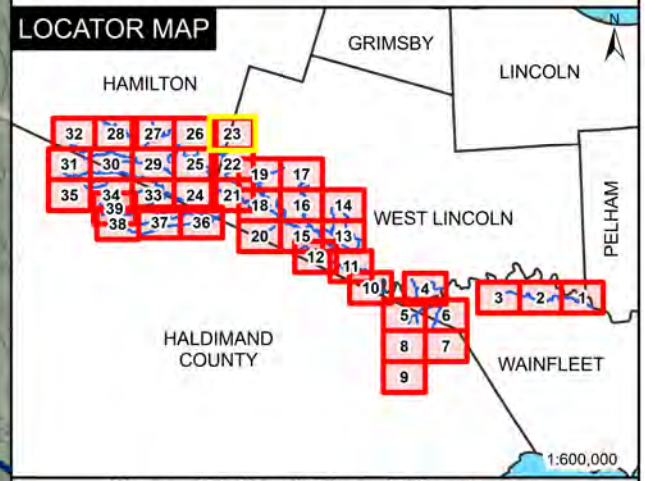
Date: 2026-09-22
Projection: NAD83 CSRS UTM Zone 17N / CGVD2013
Data Source: LPRCA, OMNRF, LIO
Created by: A.V.



This project is funded [in part] by the Government of Canada.
This project was made possible in part by the Province of Ontario.

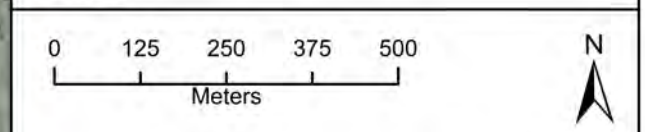


- Legend**
- Municipal Boundary
 - Watershed
 - Railway
 - HEC-RAS Reaches Mapped
 - Other Watercourses
 - Contour
 - 2D Water Level (100yr WSE)
 - 2D Water Level (100yr WSE)
 - Study Area Limit
 - Cross Section (**XS Name:** 100yr WSE)
 - 100yr Floodlines
 - 100yr Floodplain (2D)
 - Spill Zone



Upper Welland River Tributaries
100yr Floodplain Mapping
(23: Wolf Creek)

Date: 2026-09-22
Projection: NAD83 CSRS UTM Zone 17N / CGVD2013
Data Source: LPRCA, OMNRF, LIO
Created by: A.V.

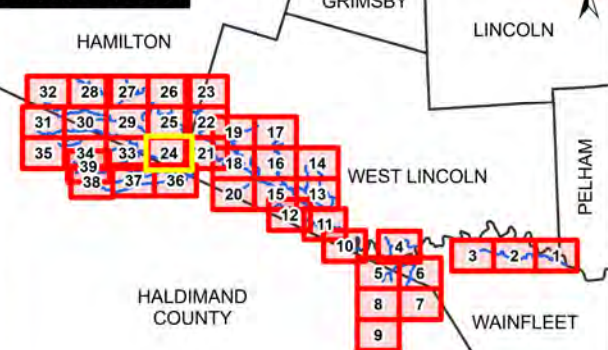


This project is funded [in part] by the Government of Canada.
This project was made possible in part by the Province of Ontario.

Legend

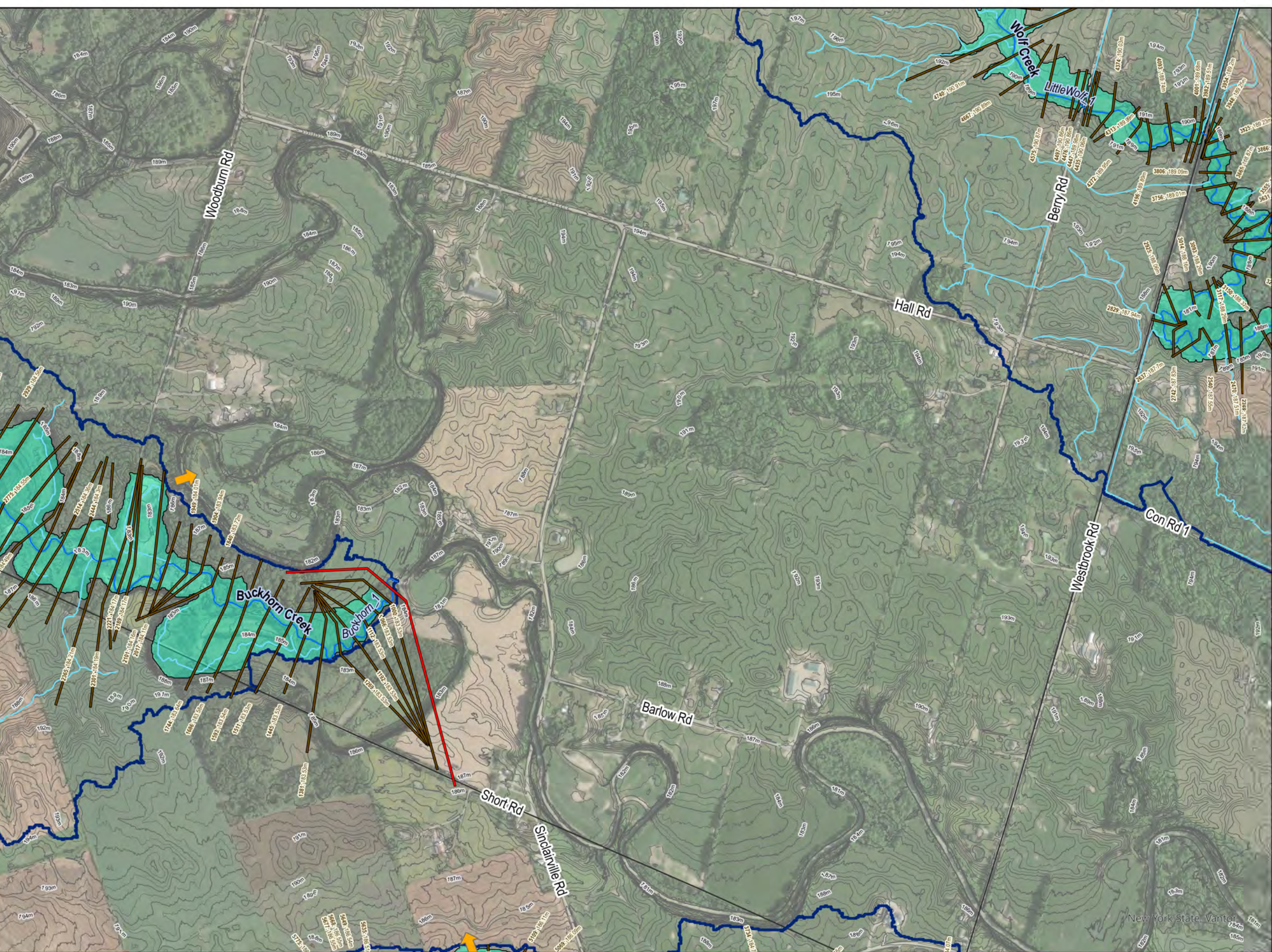
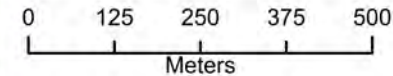
-  Municipal Boundary
-  Watershed
-  Railway
-  HEC-RAS Reaches Mapped
-  Other Watercourses
-  Contour
-  2D Water Level (100yr WSE)
-  2D Water Level (100yr WSE)
-  Study Area Limit
-  Cross Section (XS Name: 100yr WSE)
-  100yr Floodlines
-  100yr Floodplain (2D)
-  Spill Zone

LOCATOR MAP



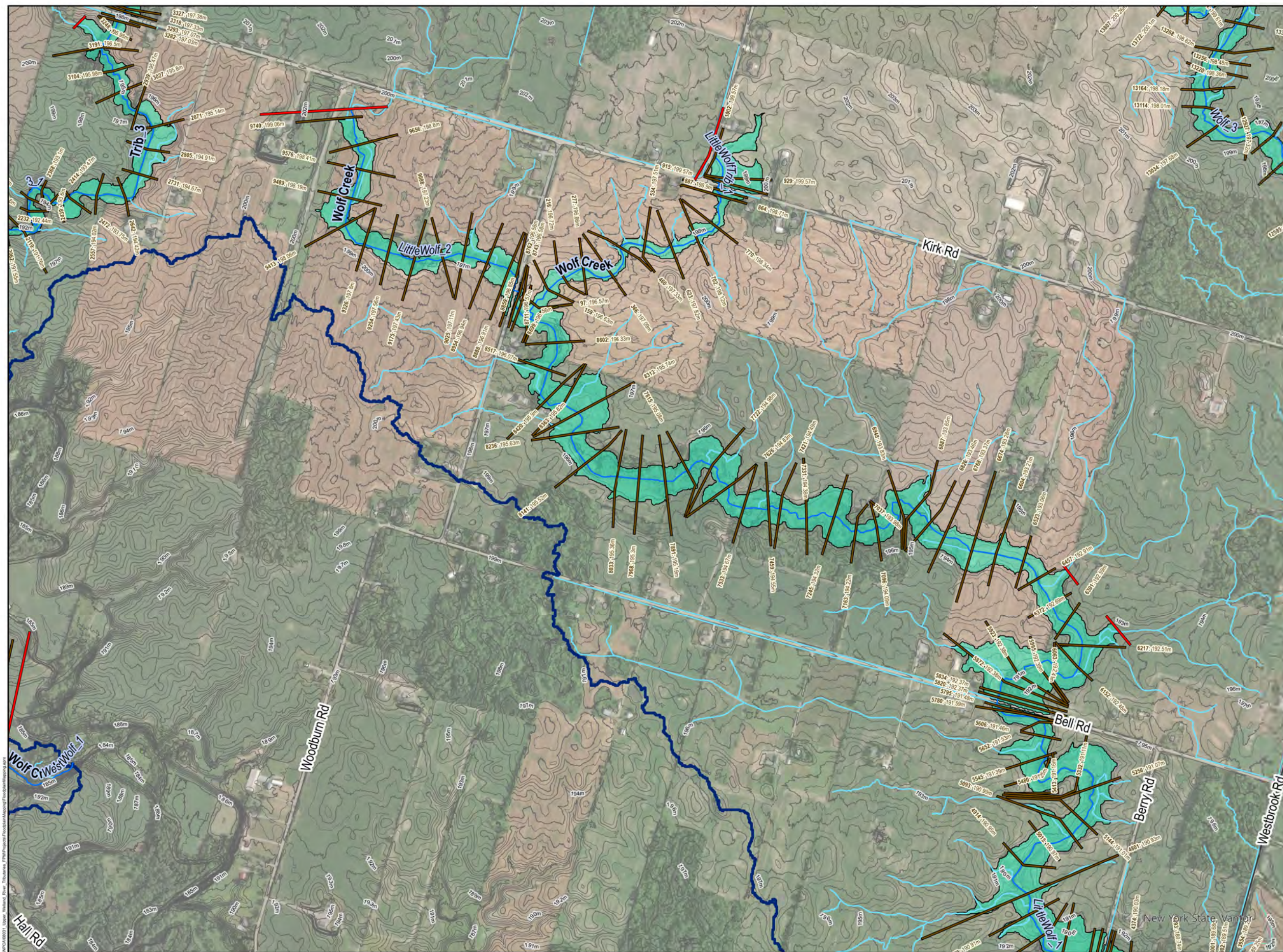
**Upper Welland River Tributaries
100yr Floodplain Mapping
(24: Buckhorn Creek, Wolf Creek)**

Date: 2026-09-22
Projection: NAD83 CSRS UTM Zone 17N / CGVD2013
Data Source: LPRCA, OMNRF, LIO
Created by: A.V.

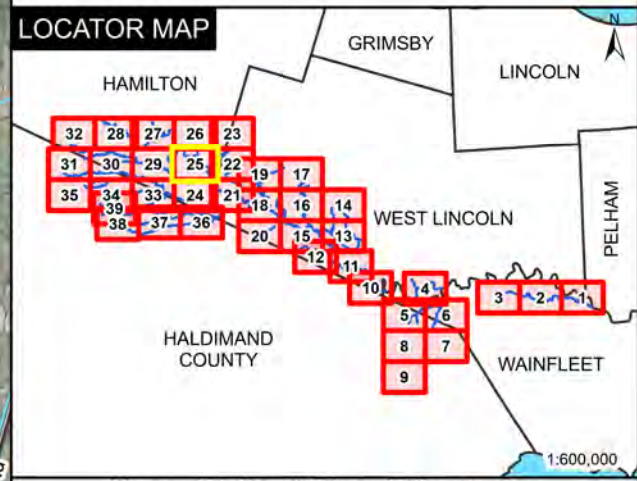


This project is funded [in part] by the Government of Canada.
This project was made possible in part by the Province of Ontario.



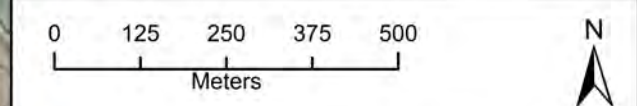


- Legend**
- Municipal Boundary
 - Watershed
 - Railway
 - HEC-RAS Reaches Mapped
 - Other Watercourses
 - Contour
 - 2D Water Level (100yr WSE)
 - 2D Water Level (100yr WSE)
 - Study Area Limit
 - Cross Section (**XS Name:** 100yr WSE)
 - 100yr Floodlines
 - 100yr Floodplain (2D)
 - Spill Zone



**Upper Welland River Tributaries
100yr Floodplain Mapping
(25: Trib 3, Wolf Creek)**

Date: 2026-09-22
Projection: NAD83 CSRS UTM Zone 17N / CGVD2013
Data Source: LPRCA, OMNRF, LIO
Created by: A.V.

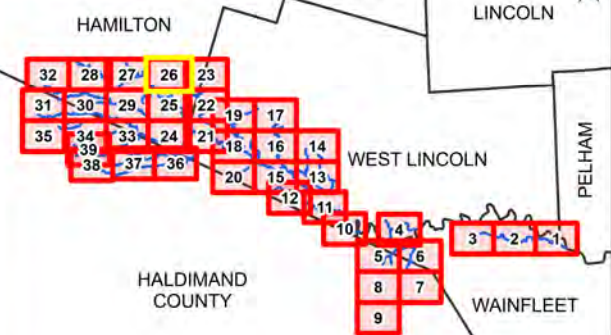


This project is funded [in part] by the Government of Canada.
This project was made possible in part by the Province of Ontario.

Legend

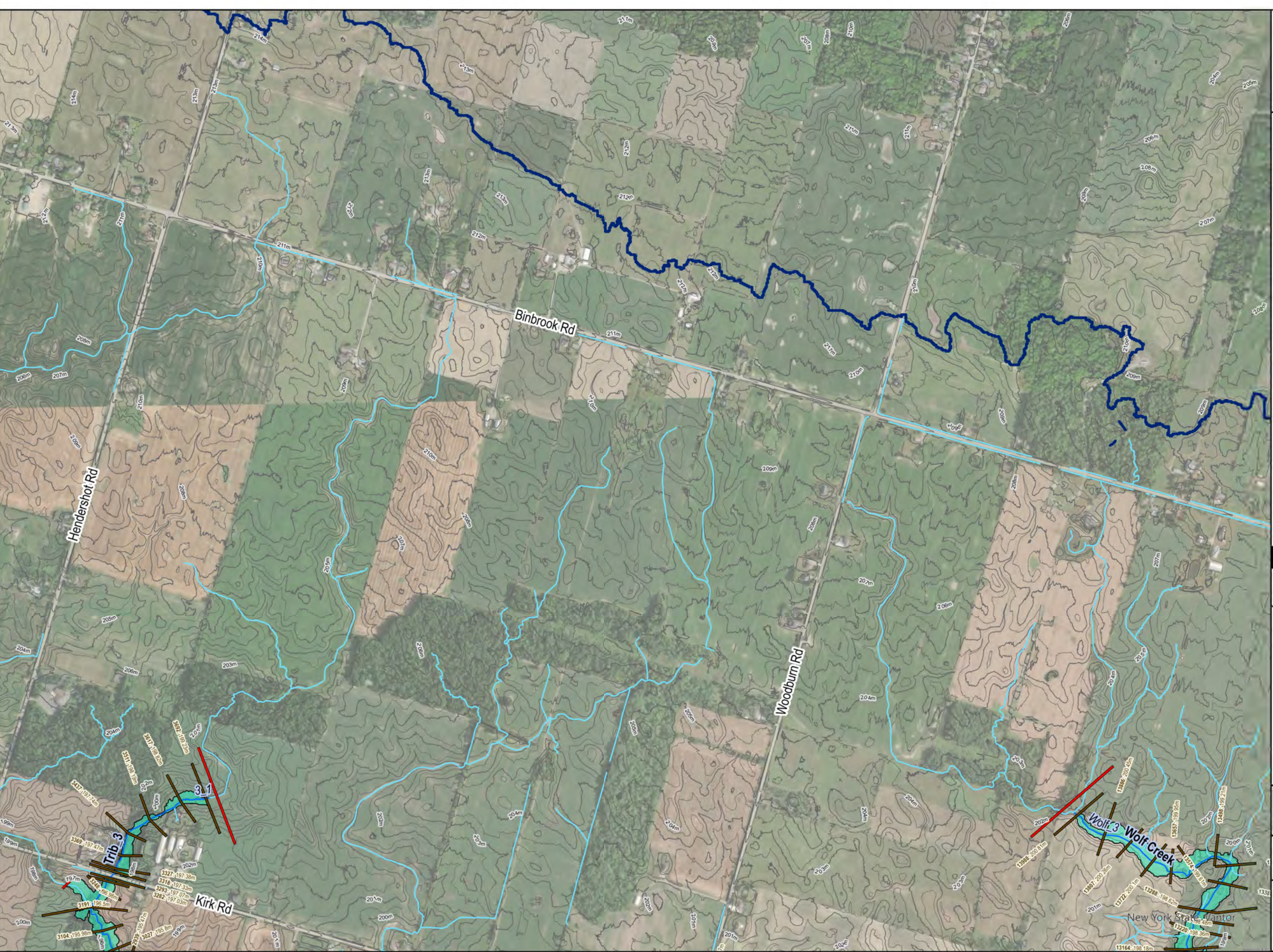
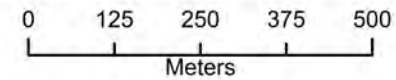
-  Municipal Boundary
-  Watershed
-  Railway
-  HEC-RAS Reaches Mapped
-  Other Watercourses
-  Contour
-  2D Water Level (100yr WSE)
-  2D Water Level (100yr WSE)
-  Study Area Limit
-  Cross Section (XS Name: 100yr WSE)
-  100yr Floodlines
-  100yr Floodplain (2D)
-  Spill Zone

LOCATOR MAP

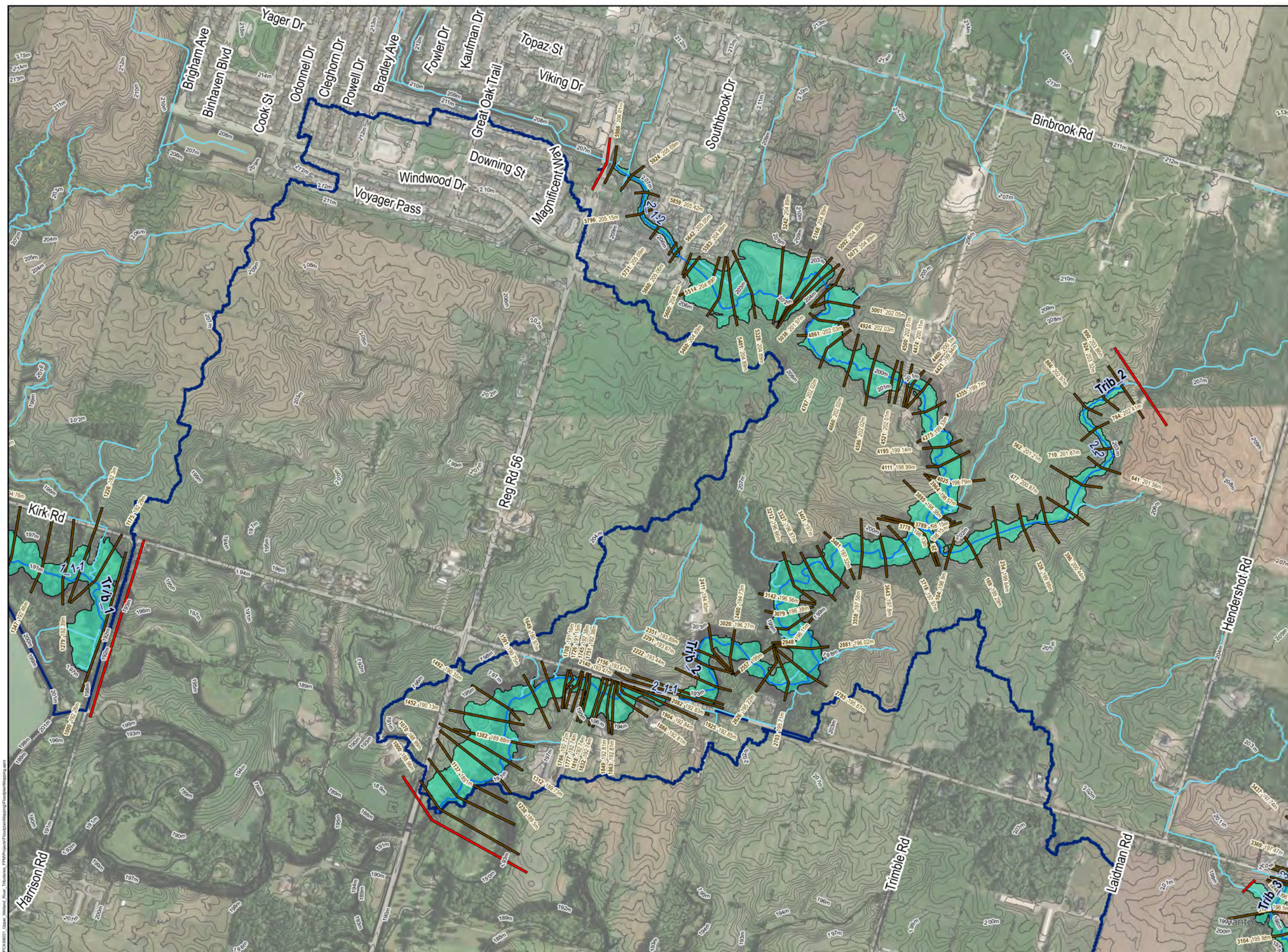


Upper Welland River Tributaries 100yr Floodplain Mapping (26: Trib 3, Wolf Creek)

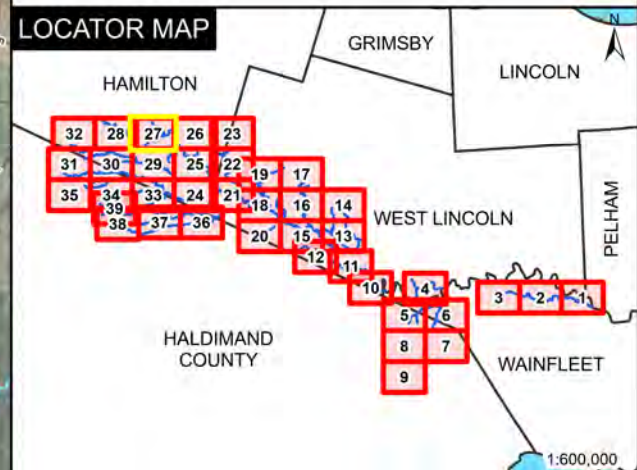
Date: 2026-09-22
Projection: NAD83 CSRS UTM Zone 17N / CGVD2013
Data Source: LPRCA, OMNRF, LIO
Created by: A.V.



This project is funded [in part] by the Government of Canada.
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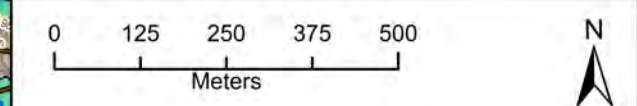


- Legend**
- Municipal Boundary
 - Watershed
 - Railway
 - HEC-RAS Reaches Mapped
 - Other Watercourses
 - Contour
 - 2D Water Level (100yr WSE)
 - 2D Water Level (100yr WSE)
 - Study Area Limit
 - Cross Section (XS Name: 100yr WSE)
 - 100yr Floodlines
 - 100yr Floodplain (2D)
 - Spill Zone

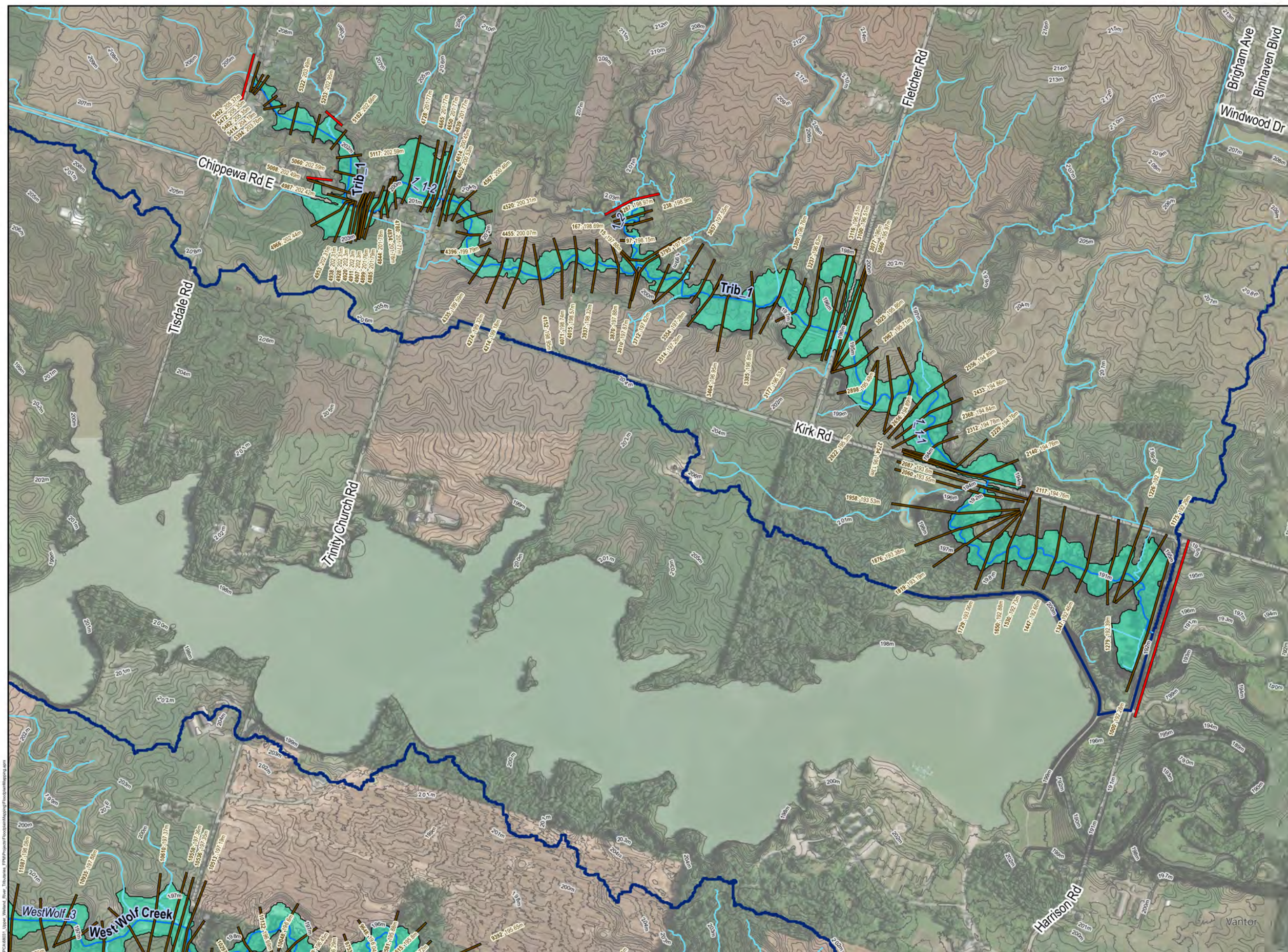


Upper Welland River Tributaries
100yr Floodplain Mapping
(27: Trib 2)

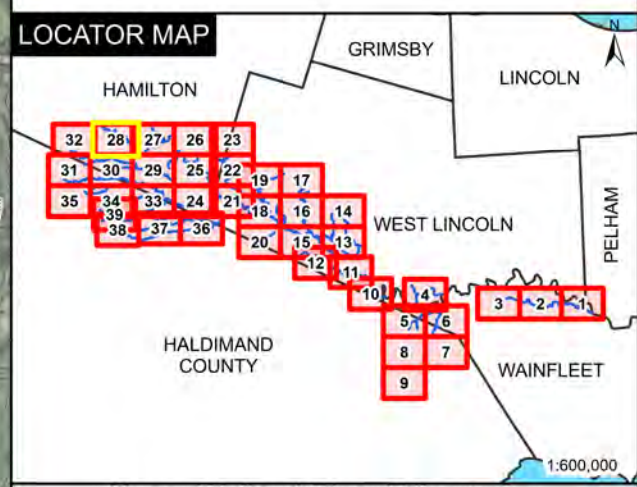
Date: 2026-09-22
Projection: NAD83 CSRS UTM Zone 17N / CGVD2013
Data Source: LPRCA, OMNRF, LIO
Created by: A.V.



This project is funded [in part] by the Government of Canada.
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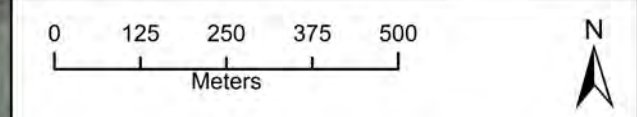


- Legend**
- Municipal Boundary
 - Watershed
 - Railway
 - HEC-RAS Reaches Mapped
 - Other Watercourses
 - Contour
 - 2D Water Level (100yr WSE)
 - 2D Water Level (100yr WSE)
 - Study Area Limit
 - Cross Section (XS Name: 100yr WSE)
 - 100yr Floodlines
 - 100yr Floodplain (2D)
 - Spill Zone



Upper Welland River Tributaries
100yr Floodplain Mapping
(28: Trib 1)

Date: 2026-09-22
Projection: NAD83 CSRS UTM Zone 17N / CGVD2013
Data Source: LPRCA, OMNRF, LIO
Created by: A.V.



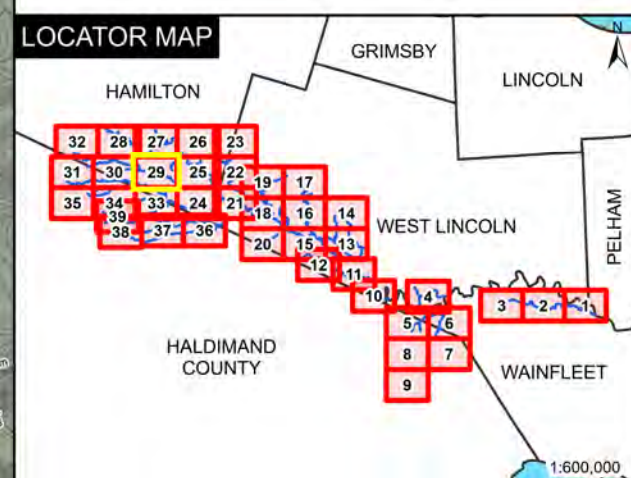
This project is funded [in part] by the Government of Canada.
This project was made possible in part by the Province of Ontario.



Legend

-  Municipal Boundary
-  Watershed
-  Railway
-  HEC-RAS Reaches Mapped
-  Other Watercourses
-  Contour
-  2D Water Level (100yr WSE)
-  2D Water Level (100yr WSE)
-  Study Area Limit
-  Cross Section (XS Name: 100yr WSE)
-  100yr Floodlines
-  100yr Floodplain (2D)
-  Spill Zone

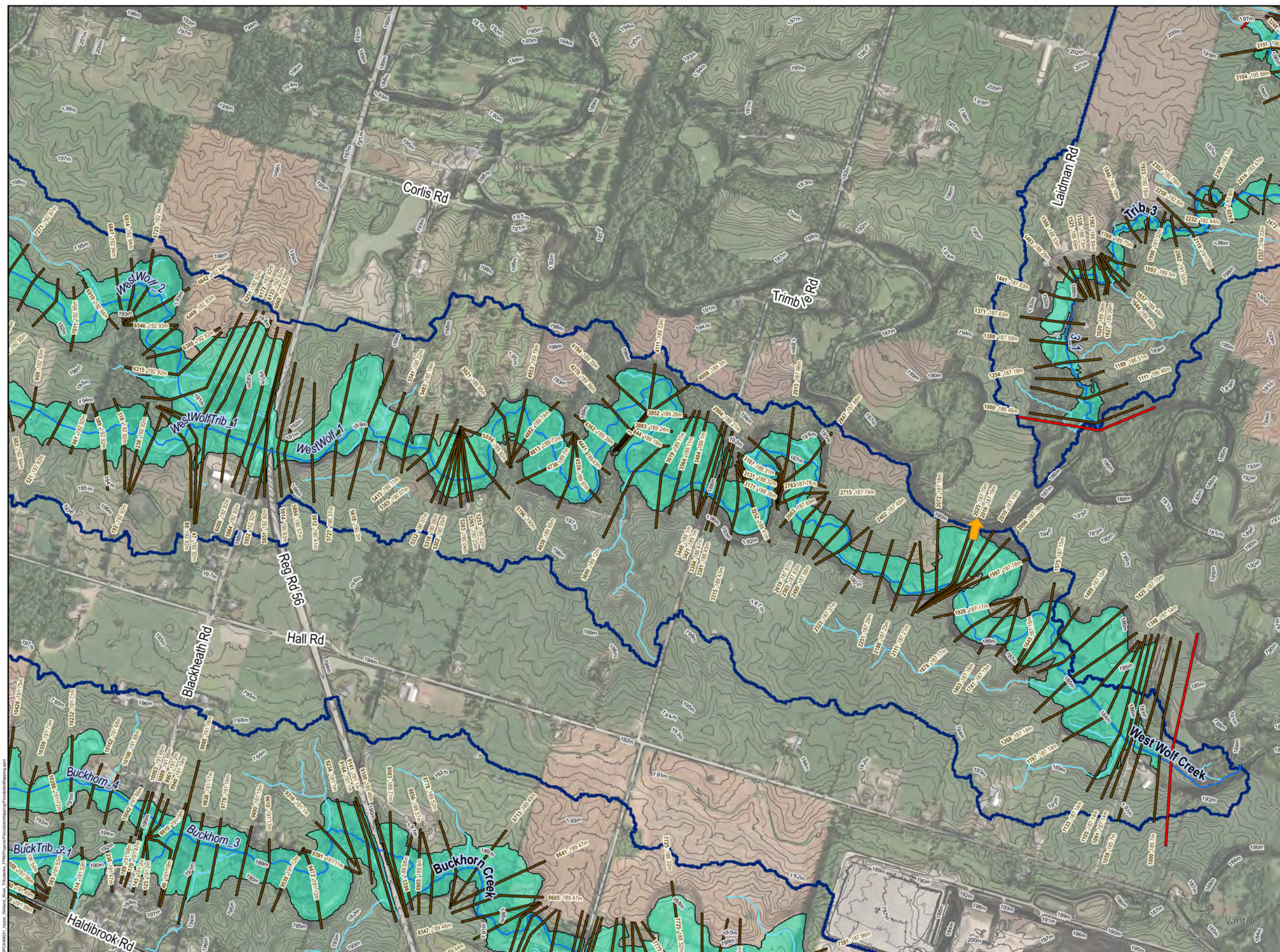
LOCATOR MAP



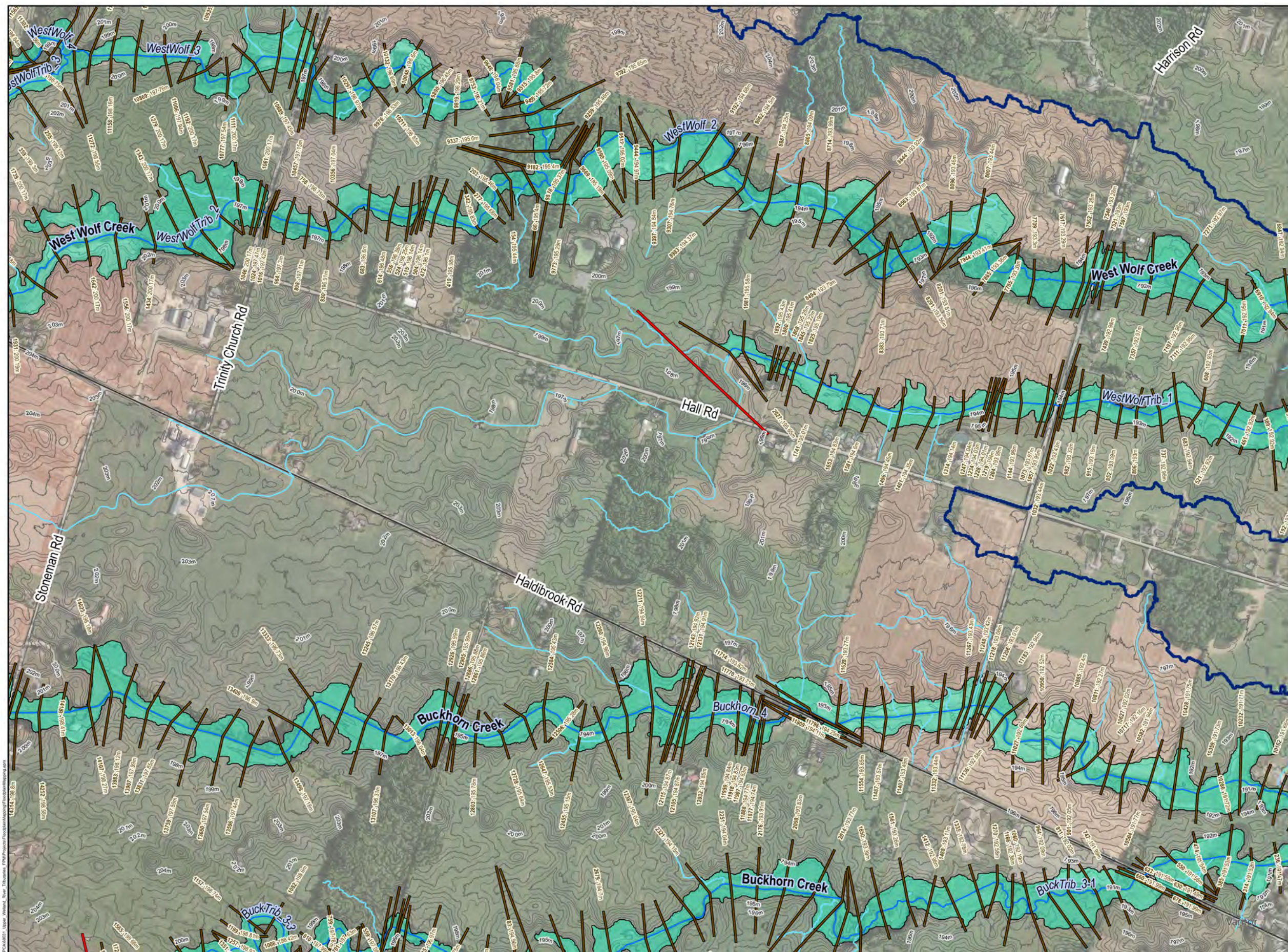
Upper Welland River Tributaries 100yr Floodplain Mapping (29: Buckhorn Creek, Trib 3, West Wolf Creek)

Date: 2026-09-22
Projection: NAD83 CSRS UTM Zone 17N / CGVD2013
Data Source: LPRCA, OMNRF, LIO
Created by: A.V.

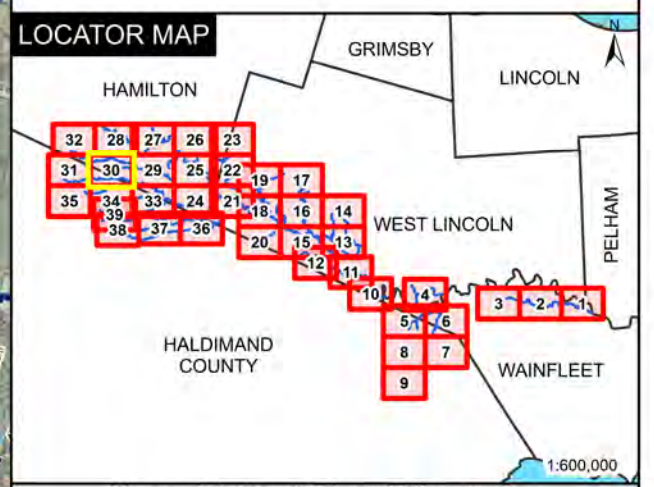
0 125 250 375 500
Meters



This project is funded [in part] by the Government of Canada.
This project was made possible in part by the Province of Ontario.

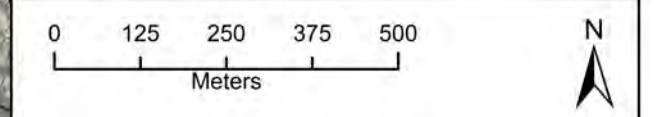


- Legend**
- Municipal Boundary
 - Watershed
 - Railway
 - HEC-RAS Reaches Mapped
 - Other Watercourses
 - Contour
 - 2D Water Level (100yr WSE)
 - 2D Water Level (100yr WSE)
 - Study Area Limit
 - Cross Section (**XS Name:** 100yr WSE)
 - 100yr Floodlines
 - 100yr Floodplain (2D)
 - Spill Zone

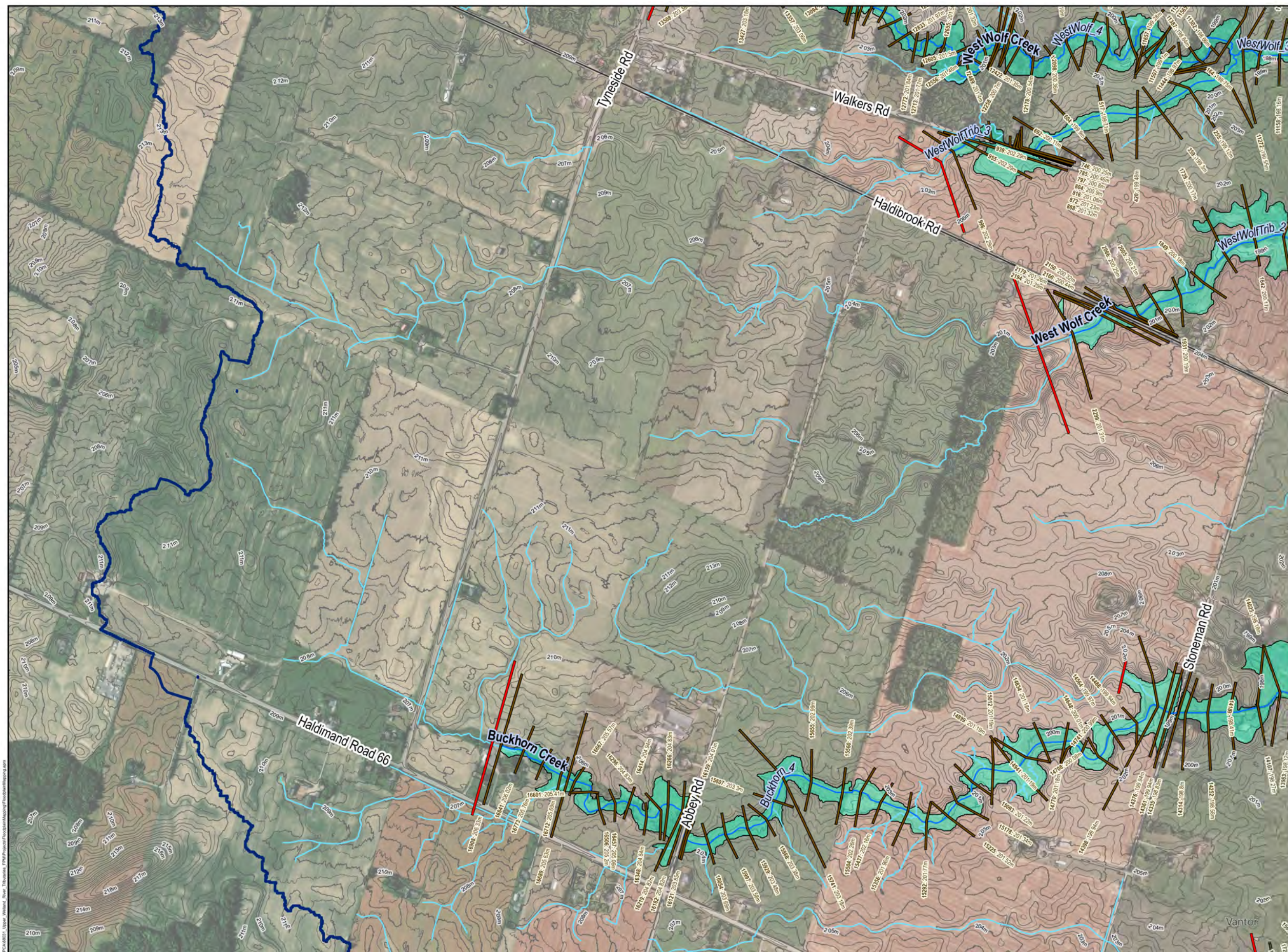


Upper Welland River Tributaries
100yr Floodplain Mapping
(30: Buckhorn Creek, West Wolf Creek)

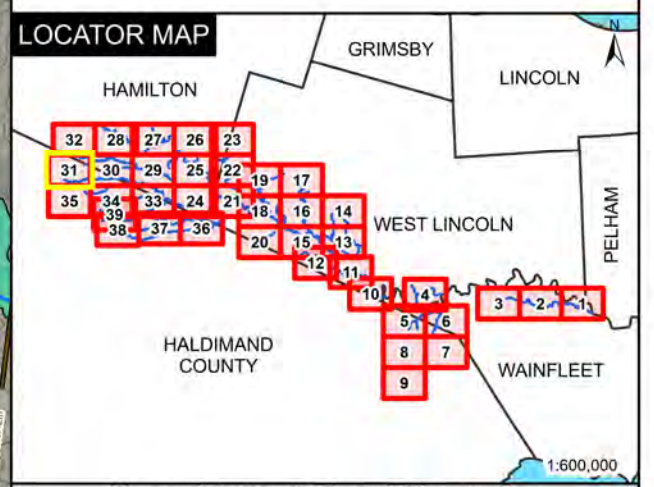
Date: 2026-09-22
Projection: NAD83 CSRS UTM Zone 17N / CGVD2013
Data Source: LPRCA, OMNR, LIO
Created by: A.V.



This project is funded [in part] by the Government of Canada.
This project was made possible in part by the Province of Ontario.

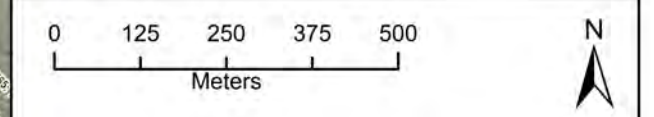


- Legend**
- Municipal Boundary
 - Watershed
 - Railway
 - HEC-RAS Reaches Mapped
 - Other Watercourses
 - Contour
 - 2D Water Level (100yr WSE)
 - 2D Water Level (100yr WSE)
 - Study Area Limit
 - Cross Section (XS Name: 100yr WSE)
 - 100yr Floodlines
 - 100yr Floodplain (2D)
 - Spill Zone



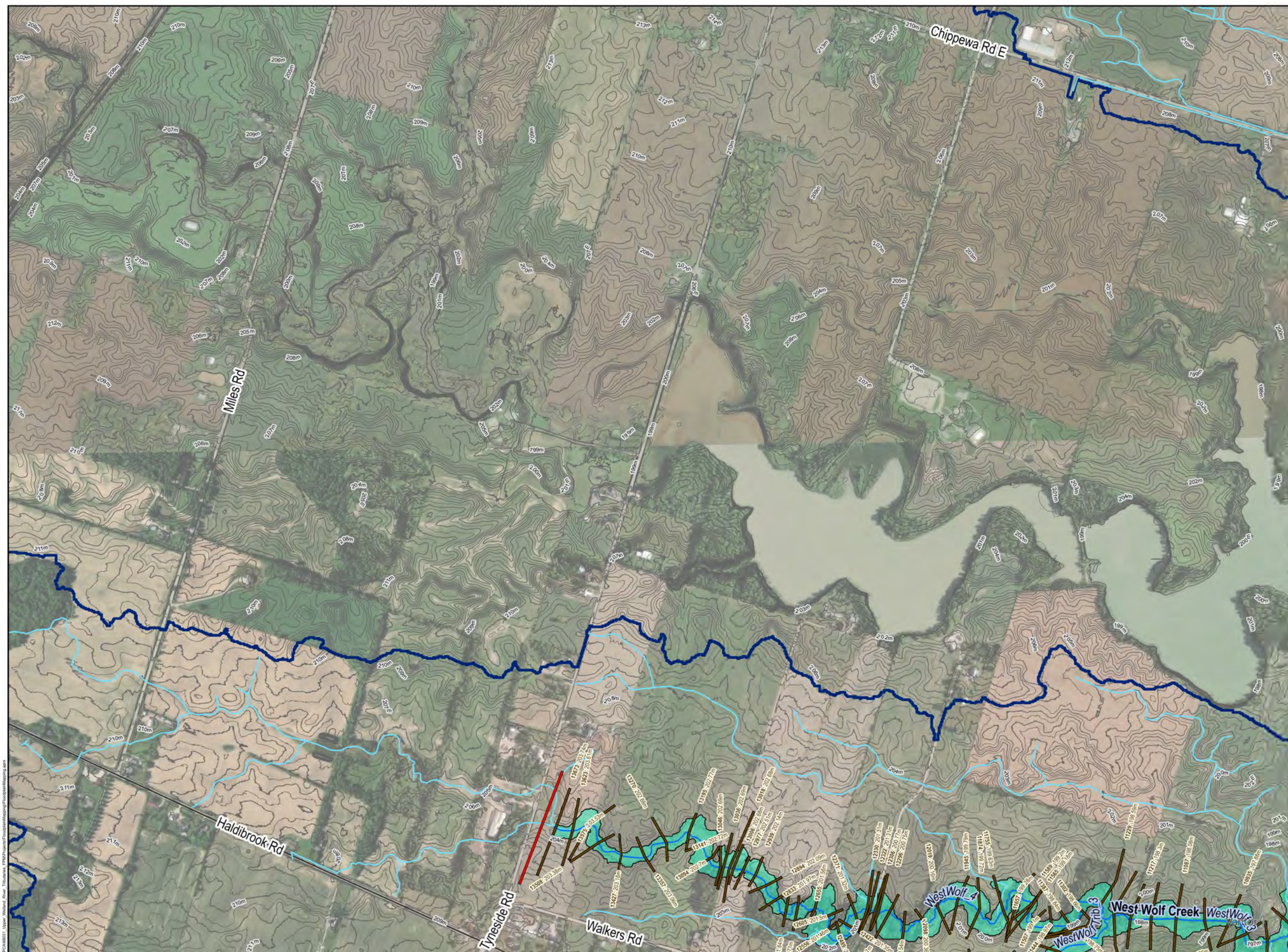
**Upper Welland River Tributaries
100yr Floodplain Mapping
(31: Buckhorn Creek, West Wolf Creek)**

Date: 2026-09-22
Projection: NAD83 CSRS UTM Zone 17N / CGVD2013
Data Source: LPRCA, OMNRF, LIO
Created by: A.V.

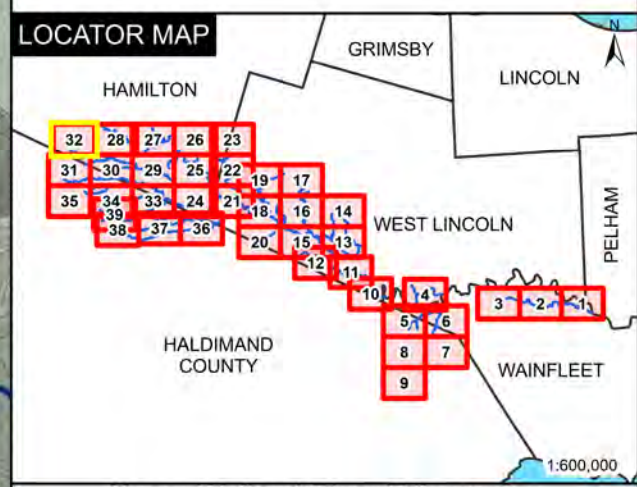


This project is funded [in part] by the Government of Canada.
This project was made possible in part by the Province of Ontario.



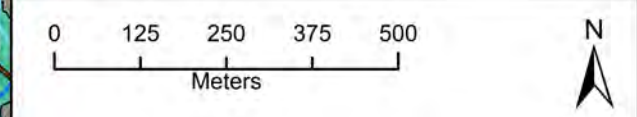


- Legend**
- Municipal Boundary
 - Watershed
 - Railway
 - HEC-RAS Reaches Mapped
 - Other Watercourses
 - Contour
 - 2D Water Level (100yr WSE)
 - 2D Water Level (100yr WSE)
 - Study Area Limit
 - Cross Section (XS Name: 100yr WSE)
 - 100yr Floodlines
 - 100yr Floodplain (2D)
 - Spill Zone



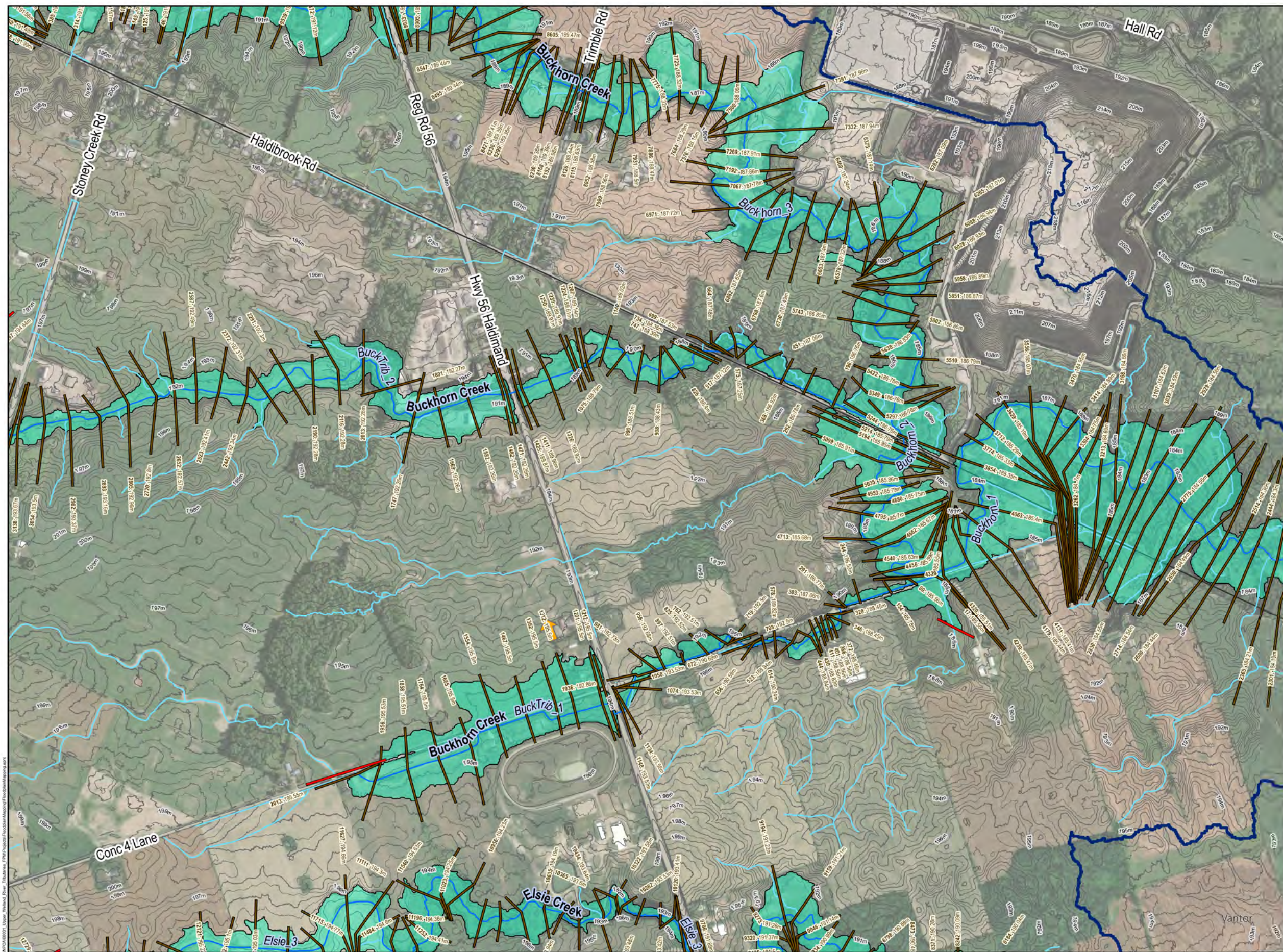
**Upper Welland River Tributaries
100yr Floodplain Mapping
(32: West Wolf Creek)**

Date: 2026-09-22
Projection: NAD83 CSRS UTM Zone 17N / CGVD2013
Data Source: LPRCA, OMNRF, LIO
Created by: A.V.

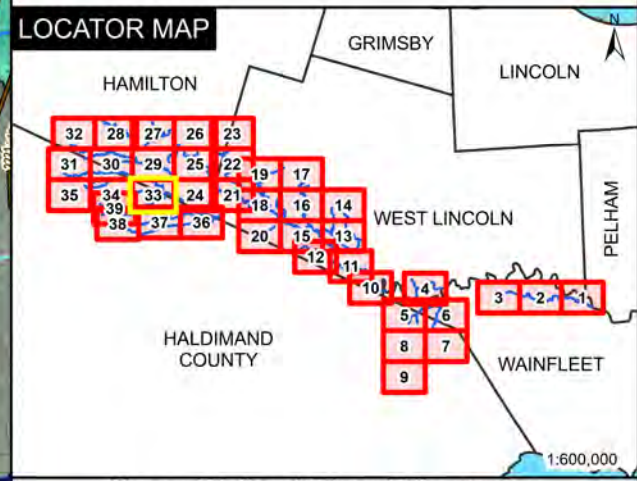


This project is funded [in part] by the Government of Canada.
This project was made possible in part by the Province of Ontario.



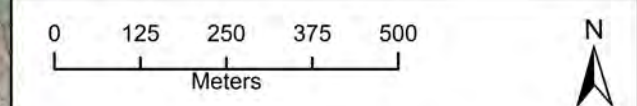


- Legend**
- Municipal Boundary
 - Watershed
 - Railway
 - HEC-RAS Reaches Mapped
 - Other Watercourses
 - Contour
 - 2D Water Level (100yr WSE)
 - 2D Water Level (100yr WSE)
 - Study Area Limit
 - Cross Section (**XS Name:** 100yr WSE)
 - 100yr Floodlines
 - 100yr Floodplain (2D)
 - Spill Zone

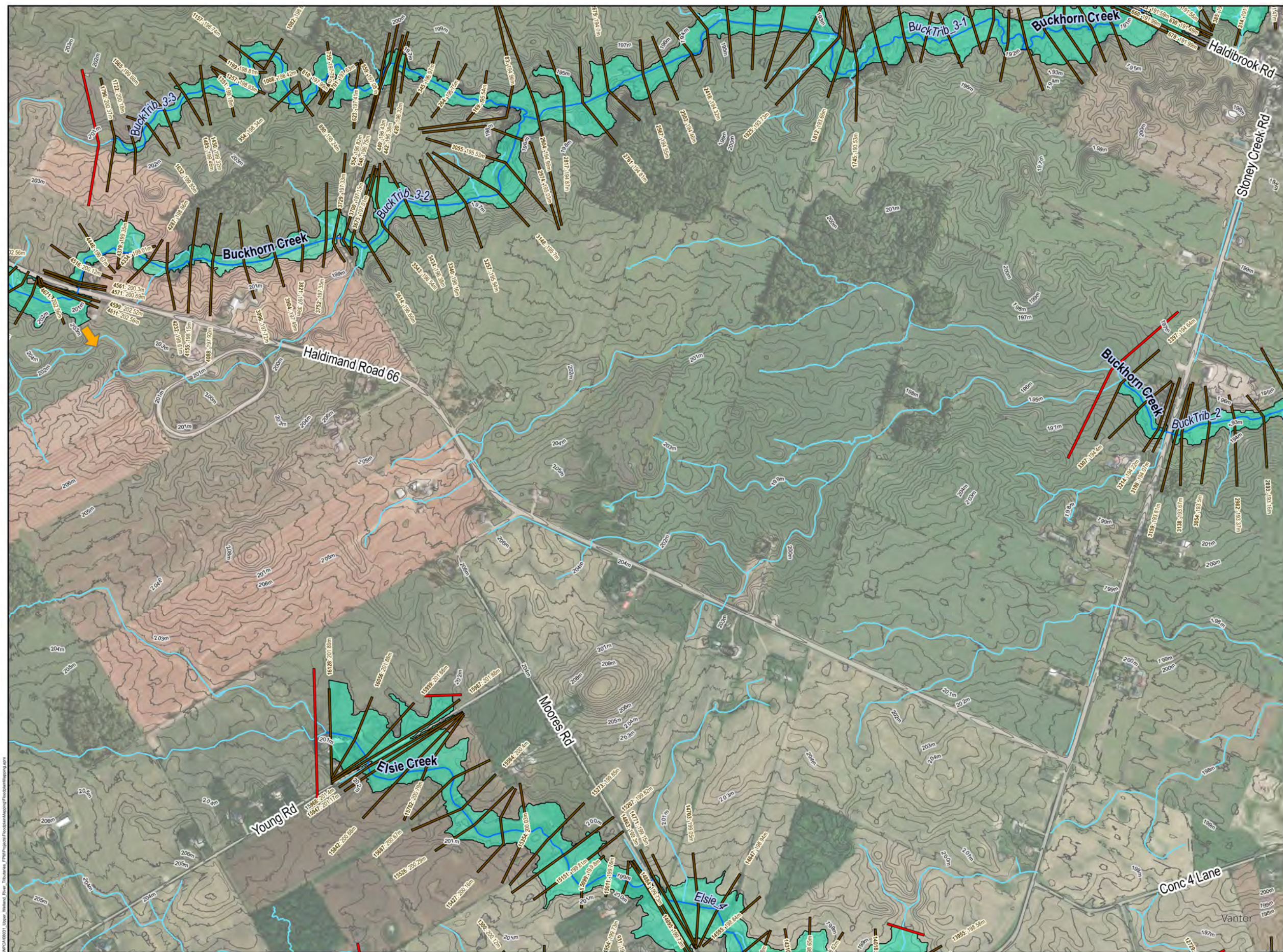


Upper Welland River Tributaries
100yr Floodplain Mapping
(33: Buckhorn Creek)

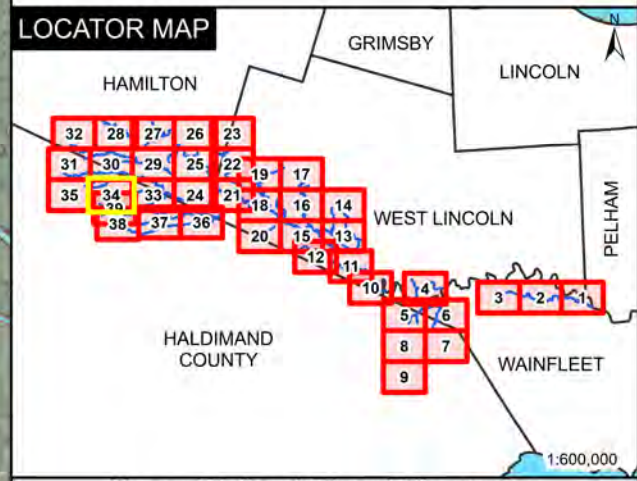
Date: 2026-09-22
Projection: NAD83 CSRS UTM Zone 17N / CGVD2013
Data Source: LPRCA, OMNRF, LIO
Created by: A.V.



This project is funded [in part] by the Government of Canada.
This project was made possible in part by the Province of Ontario.

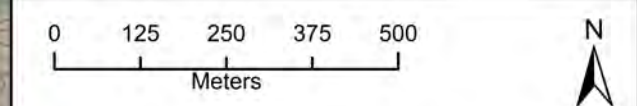


- Legend**
- Municipal Boundary
 - Watershed
 - Railway
 - HEC-RAS Reaches Mapped
 - Other Watercourses
 - Contour
 - 2D Water Level (100yr WSE)
 - 2D Water Level (100yr WSE)
 - Study Area Limit
 - Cross Section (XS Name: 100yr WSE)
 - 100yr Floodlines
 - 100yr Floodplain (2D)
 - Spill Zone



Upper Welland River Tributaries
100yr Floodplain Mapping
(34: Buckhorn Creek)

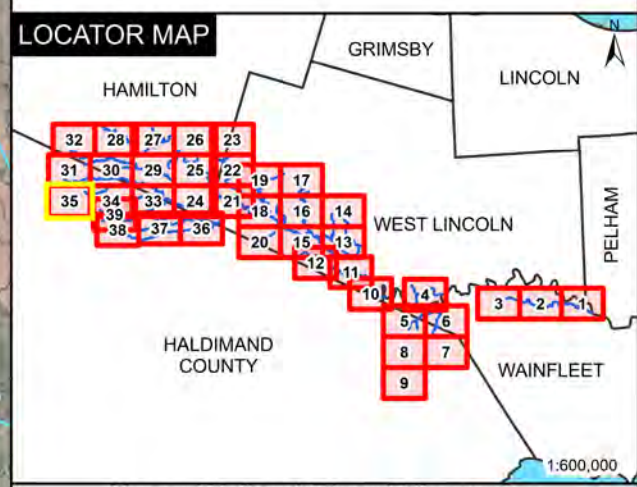
Date: 2026-09-22
Projection: NAD83 CSRS UTM Zone 17N / CGVD2013
Data Source: LPRCA, OMNRF, LIO
Created by: A.V.



This project is funded [in part] by the Government of Canada.
This project was made possible in part by the Province of Ontario.

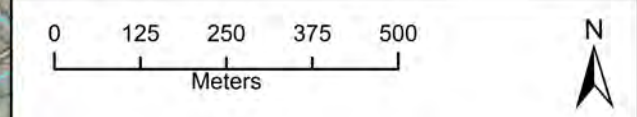


- Legend**
- Municipal Boundary
 - Watershed
 - Railway
 - HEC-RAS Reaches Mapped
 - Other Watercourses
 - Contour
 - 2D Water Level (100yr WSE)
 - 2D Water Level (100yr WSE)
 - Study Area Limit
 - Cross Section (XS Name: 100yr WSE)
 - 100yr Floodlines
 - 100yr Floodplain (2D)
 - Spill Zone



Upper Welland River Tributaries
100yr Floodplain Mapping
(35: Buckhorn Creek)

Date: 2026-09-22
Projection: NAD83 CSRS UTM Zone 17N / CGVD2013
Data Source: LPRCA, OMNRF, LIO
Created by: A.V.



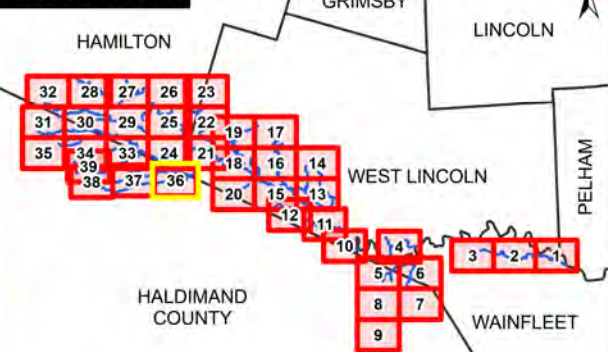
This project is funded [in part] by the Government of Canada.
This project was made possible in part by the Province of Ontario.



Legend

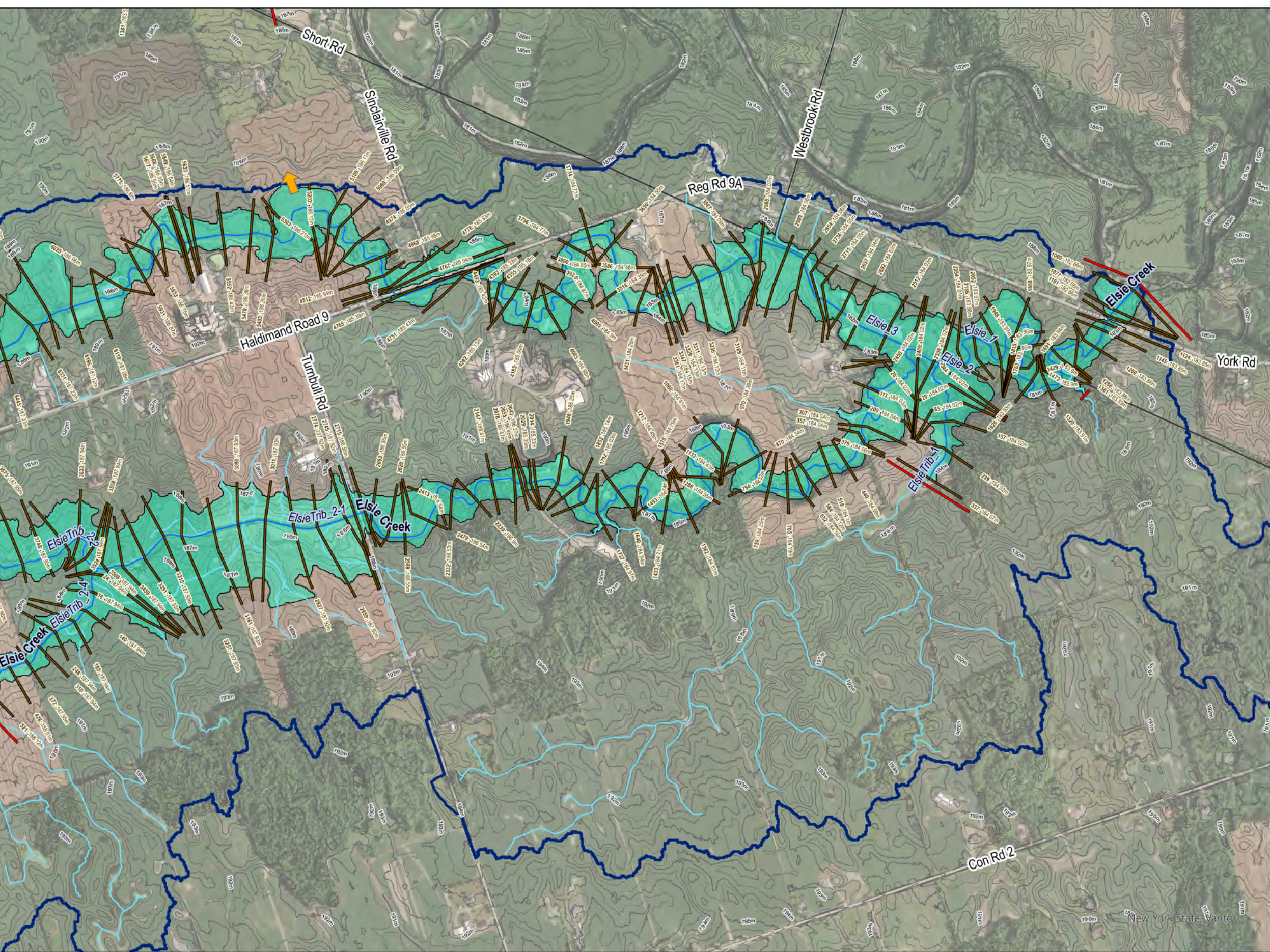
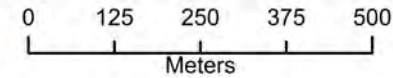
-  Municipal Boundary
-  Watershed
-  Railway
-  HEC-RAS Reaches Mapped
-  Other Watercourses
-  Contour
-  2D Water Level (100yr WSE)
-  2D Water Level (100yr WSE)
-  Study Area Limit
-  Cross Section (XS Name: 100yr WSE)
-  100yr Floodlines
-  100yr Floodplain (2D)
-  Spill Zone

LOCATOR MAP

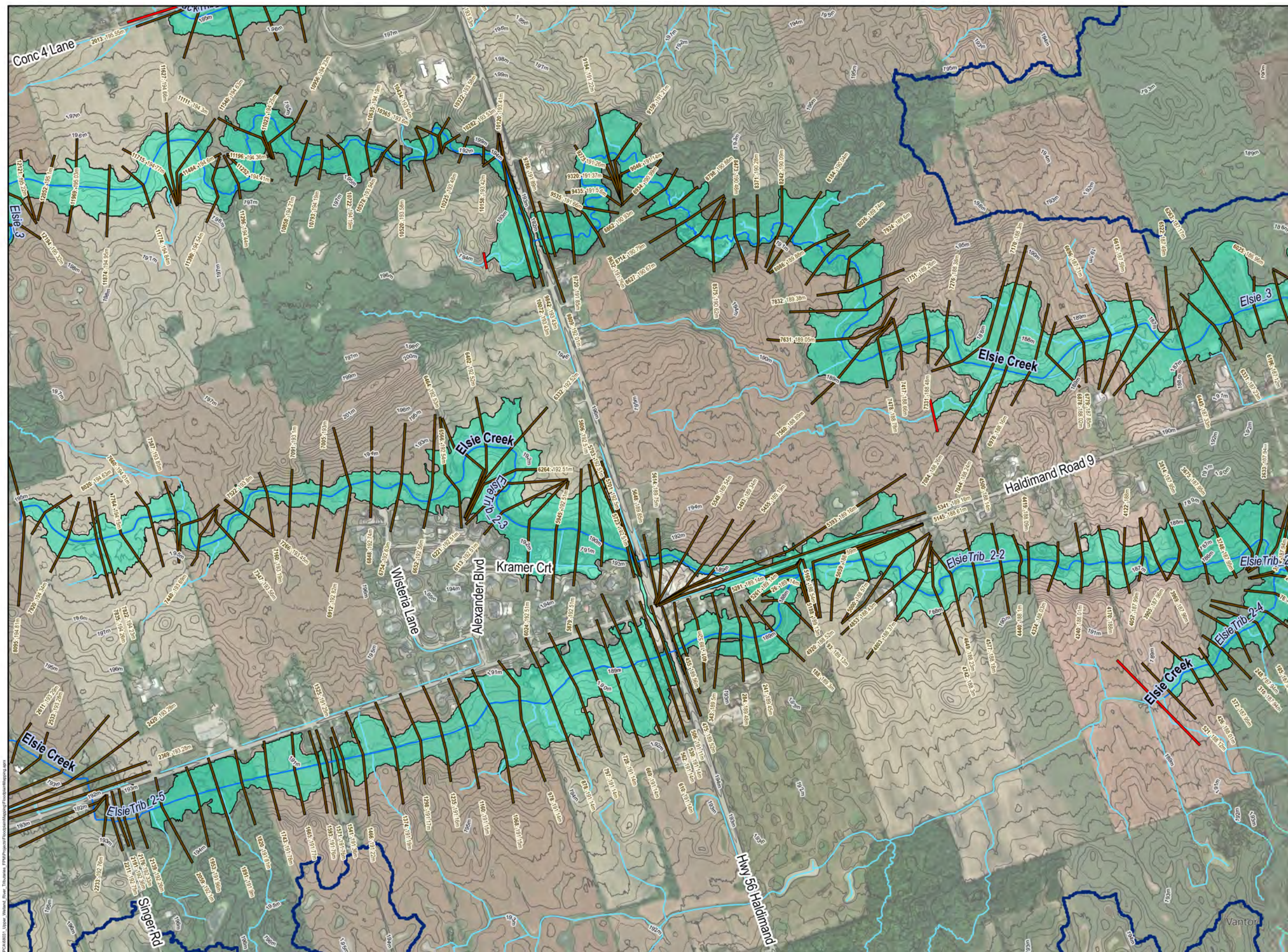


**Upper Welland River Tributaries
100yr Floodplain Mapping
(36: Elsie Creek)**

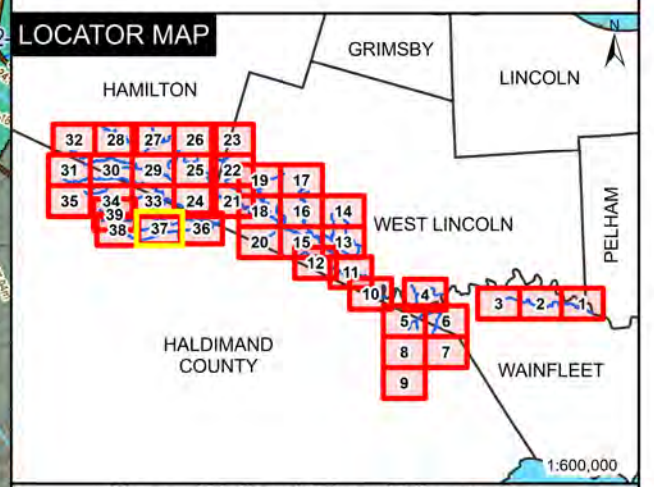
Date: 2026-09-22
Projection: NAD83 CSRS UTM Zone 17N / CGVD2013
Data Source: LPRCA, OMNRF, LIO
Created by: A.V.



This project is funded [in part] by the Government of Canada.
This project was made possible in part by the Province of Ontario.

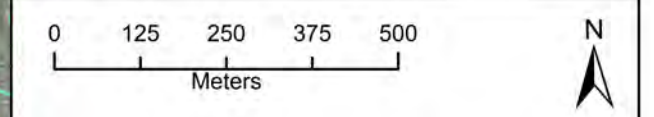


- Legend**
- Municipal Boundary
 - Watershed
 - Railway
 - HEC-RAS Reaches Mapped
 - Other Watercourses
 - Contour
 - 2D Water Level (100yr WSE)
 - 2D Water Level (100yr WSE)
 - Study Area Limit
 - Cross Section (XS Name: 100yr WSE)
 - 100yr Floodlines
 - 100yr Floodplain (2D)
 - Spill Zone



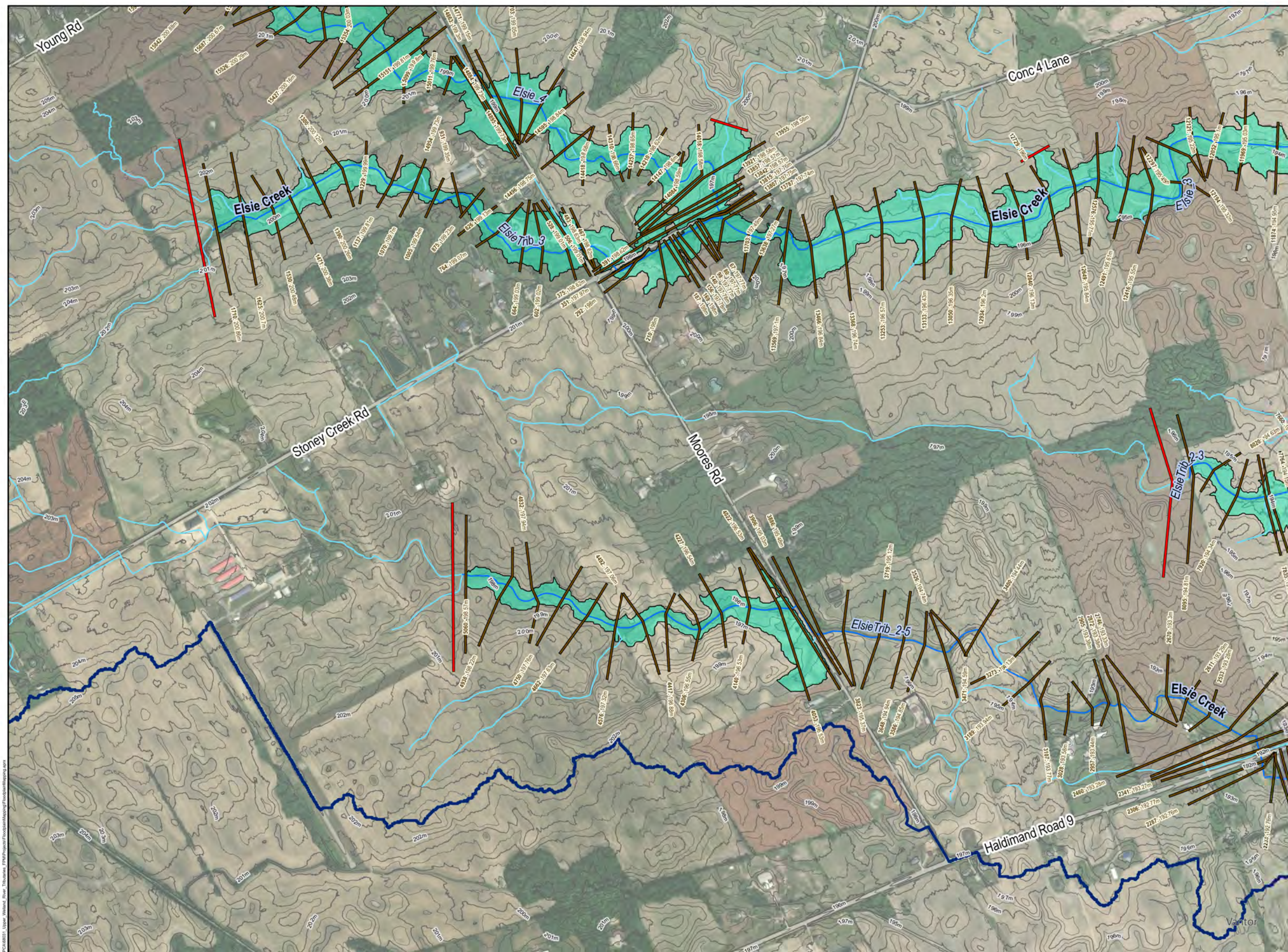
Upper Welland River Tributaries
100yr Floodplain Mapping
(37: Elsie Creek)

Date: 2026-09-22
Projection: NAD83 CSRS UTM Zone 17N / CGVD2013
Data Source: LPRCA, OMNRF, LIO
Created by: A.V.

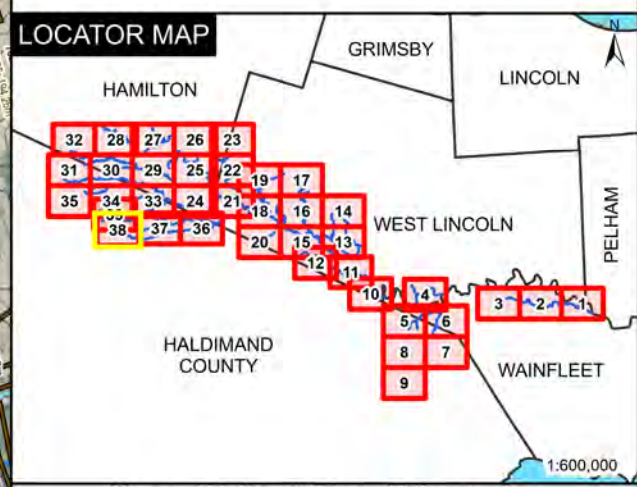


This project is funded [in part] by the Government of Canada.
This project was made possible in part by the Province of Ontario.



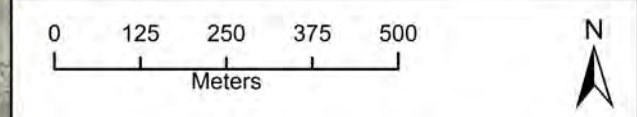


- Legend**
- Municipal Boundary
 - Watershed
 - Railway
 - HEC-RAS Reaches Mapped
 - Other Watercourses
 - Contour
 - 2D Water Level (100yr WSE)
 - 2D Water Level (100yr WSE)
 - Study Area Limit
 - Cross Section (**XS Name:** 100yr WSE)
 - 100yr Floodlines
 - 100yr Floodplain (2D)
 - Spill Zone

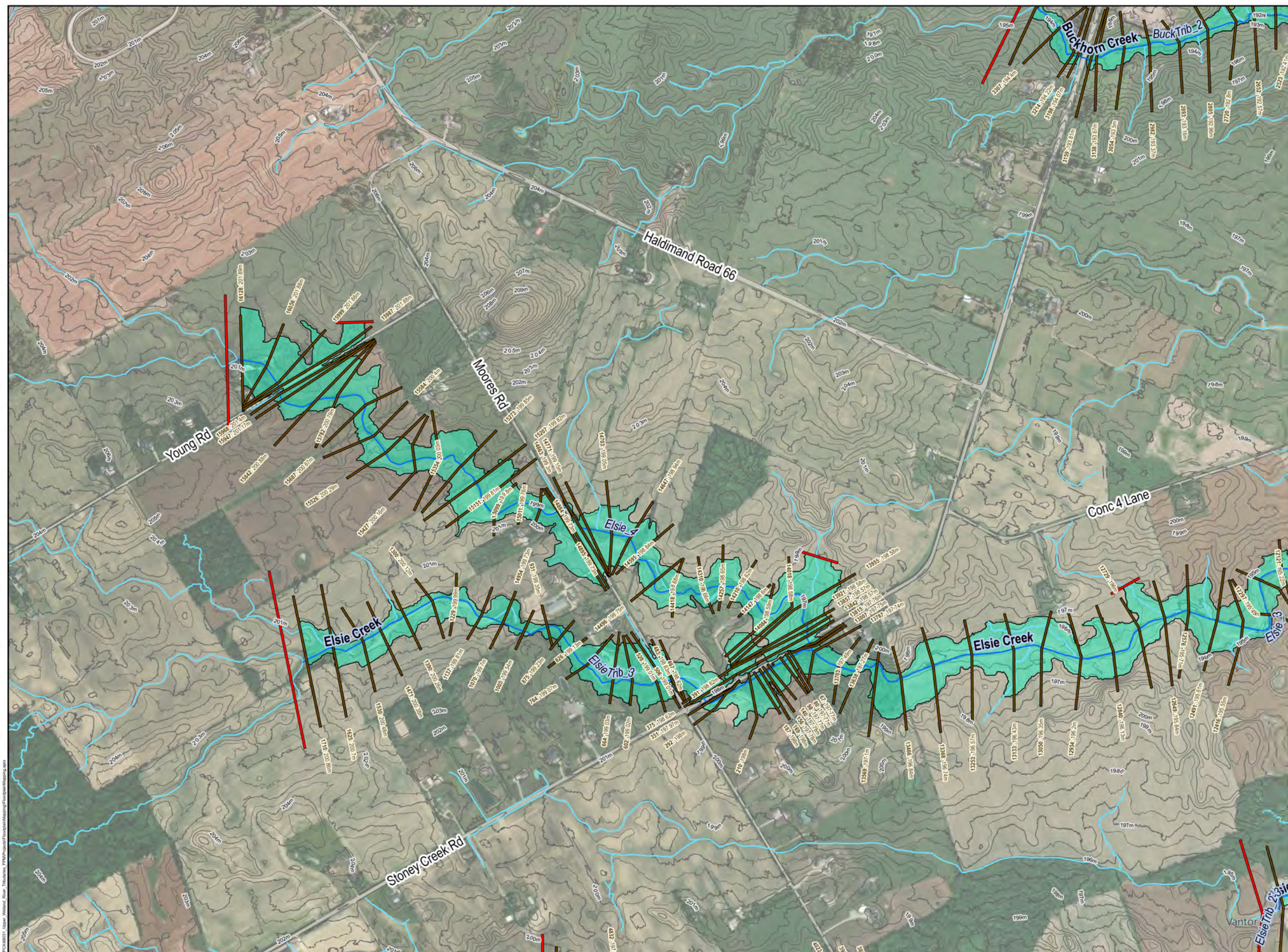


**Upper Welland River Tributaries
100yr Floodplain Mapping
(38: Elsie Creek)**

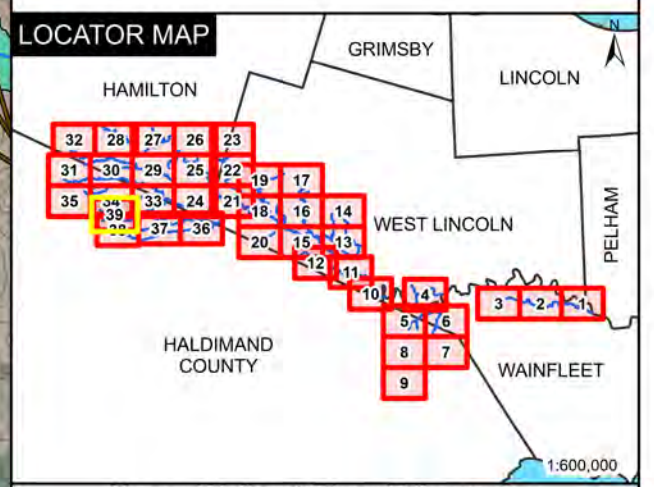
Date: 2026-09-22
Projection: NAD83 CSRS UTM Zone 17N / CGVD2013
Data Source: LPRCA, OMNRF, LIO
Created by: A.V.



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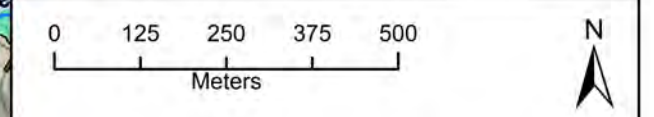


- Legend**
- Municipal Boundary
 - Watershed
 - Railway
 - HEC-RAS Reaches Mapped
 - Other Watercourses
 - Contour
 - 2D Water Level (100yr WSE)
 - 2D Water Level (100yr WSE)
 - Study Area Limit
 - Cross Section (XS Name: 100yr WSE)
 - 100yr Floodlines
 - 100yr Floodplain (2D)
 - Spill Zone



Upper Welland River Tributaries
100yr Floodplain Mapping
(39: Elsie Creek)

Date: 2026-09-22
Projection: NAD83 CSRS UTM Zone 17N / CGVD2013
Data Source: LPRCA, OMNRF, LIO
Created by: A.V.



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