



Raisin Region Conservation Authority

Board of Directors Meeting Agenda

May 16, 2024

3:00 p.m. at Cooper Marsh Visitors Centre - 20020 County Rd 2, South Glengarry

	Page
1. Call to Order	
2. Land Acknowledgement	
3. Approval of Agenda	
4. Declaration of Conflict of Interest	
5. Delegations / Presentations	
a) RRCA Project Update – PowerPoint Presentation (Staff)	
6. Approval of Minutes	
a) Minutes of April 18, 2024	1-3
7. New Business	
a) Updated Flood Hazard Mapping - Eastman Drain (Laura)	4-12
b) Regulation Policy and Mapping Updates Workplan (Phil)	13-14
c) Grant Submissions (Lisa)	15-17
8. Correspondence	
a) May 8, 2024 – Letter from The Honourable Graydon Smith, Minister of Natural Resources and Forestry	18
9. Future Meetings	
RRCA Board of Directors starting at 3:00 p.m. – Jun 20 th , Sep 19 th , Oct 17 th , Nov 21 st	
10. Adjournment	

Richard Pilon
General Manager / Secretary-Treasurer

RAISIN REGION CONSERVATION AUTHORITY
BOARD OF DIRECTORS
MINUTES
April 18, 2024

RRCA ADMINISTRATION BUILDING
18045 County Rd 2, Cornwall, ON

PRESENT: Bryan McGillis, South Stormont, Chair
Jacques Massie, North Glengarry, Vice-Chair
Lachlan McDonald, South Glengarry
Martin Lang, South Glengarry
Adrian Bugelli, North Stormont
Andrew Guindon, South Stormont
Carilyne Hebert, City of Cornwall

STAFF: Richard Pilon, General Manager
Josianne Sabourin, Administrative Assistant
Sandy Crites, Finance Officer
Phil Barnes, Team Lead, Watershed Management
Scott Braithwaite, Project Assistant
Lissa Deslandes, Regulations Officer
Vincent Pilon, Communications Specialist
Pete Sabourin, Team Lead, Field Operations
Jason Symington, Resource Specialist
Lisa Van De Ligt, Team Lead, Communications & Stewardship

ABSENT: Claude McIntosh, City of Cornwall

GUEST: Jamie Pollock, MNP

CALL TO ORDER

Bryan McGillis, Chair, called the meeting to order at 3:20 pm

LAND ACKNOWLEDGMENT

The Board of Directors acknowledged the gathering on traditional territory of the Haudenosaunee peoples, the Mohawks of Akwesasne, original keepers of this land, past and present.

APPROVAL OF AGENDA

RESOLUTION #39/24:

Moved by: Adrian Bugelli
Seconded by: Martin Lang

That the agenda be approved as presented.

CARRIED

DECLARATION OF CONFLICT OF INTEREST

None

DELEGATIONS / PRESENTATIONS

Staff presented Project Updates through a PowerPoint presentation.

APPROVAL OF MINUTES

RESOLUTION #40/24:

Moved by: Carilyne Hebert
Seconded by: Andrew Guindon

THAT the minutes of the March 21, 2024, meeting of the Raisin Region Conservation Authority be approved.

CARRIED

NEW BUSINESS

2023 FINANCIAL STATEMENTS

RESOLUTION #41/24:

Moved by: Jacques Massie
Seconded by: Andrew Guindon

THAT the Board of Directors approve transferring the operating surplus of \$15,129 to reserves and,

THAT special benefitting area surpluses and deficits be added to, or taken from the appropriate reserves as part of end of year municipal levies settlements; and,

THAT the Board of Directors approve the 2023 Financial Statements

CARRIED

GRASS CUTTING TENDER

RESOLUTION #42/24:

Moved by: Martin Lang
Seconded by: Adrian Bugelli

THAT the Board of Directors award the procurement of grass cutting services to EC Works, as presented.

CARRIED

2023 RRCA ANNUAL REPORT

RESOLUTION #43/24:

Moved by: Jacques Massie
Seconded by: Martin Lang

THAT the Board of Directors approve the 2023 RRCA Annual Report, as presented.

CARRIED

FUTURE MEETINGS

RRCA Board of Directors – May 16th, Jun 20th, Sep 19th, Nov 21st

CLOSED SESSION

RESOLUTION #44/24:

Moved by: Carilyne Hebert
Seconded by: Jacques Massie

THAT the Board of Directors Meeting move into Closed Session to discuss a personnel matter.

CARRIED

RESOLUTION #45/24:

Moved by: Lachlan McDonald
Seconded by: Andrew Guindon

THAT the Board of Directors Meeting move to Open Session.

CARRIED

RESOLUTION #46/24:

Moved by: Martin Lang
Seconded by: Jaques Massie

THAT the Board of Directors authorize staff to pursue items of action dealing with the personnel matter discussed in the Closed Session.

ADJOURNMENT

RESOLUTION #47/24:

Moved by: Adrian Bugelli
Seconded by: Martin Lang

THAT the Board of Directors meeting of April 18, 2024, be adjourned at 4:45 pm.

Bryan McGillis
Chair

Richard Pilon
General Manager / Secretary-Treasurer



To: Board of Directors
From: Laura Grant, Project Manager, Watershed Management
Date: May 3, 2024
Subject: Updated Flood Hazard Mapping - Eastman Drain

RECOMMENDATION:

THAT the Board of Directors approve the updated flood hazard mapping along the Eastman Drain as documented in the following reports and maps:

1. "Eastman Drain Flood Hazard Mapping Project (Hydrology Report)", prepared by JFSA Canada Inc., January 31, 2024.
2. "Eastman Drain Flood Hazard Mapping Project (Hydraulics Report)", prepared by JFSA Canada Inc., January 31, 2024.
3. "Eastman Drain Flood Hazard Mapping Project (100-Year Flood Hazard Maps)", prepared by JFSA Canada Inc., January 31, 2024.

AND FURTHER, THAT the Board of Directors approve the updated regulated limit on the Eastman Drain, as the extent of the 100-Year Flood Hazard plus a 15-metre allowance.

BACKGROUND:

The Eastman Drain is a watercourse which passes through parts of the Township of South Stormont and the City of Cornwall. The Eastman Drain starts in a marshy area north of Headline Road and west of Highway 138 and ends at the South Branch of the Raisin River, southeast of the intersection of South Branch Road and McConnell Avenue.

In accordance with Ontario Regulation 41/24, the RRCA is required to map areas where development is subject to permits under the *Conservation Authorities Act*. For the Eastman Drain, this is the extent of the flood hazard mapping plus an additional allowance of 15 metres. The flood hazard mapping represents the on-land limit of the 100-Year Flood Event Standard, a peak flow that has a probability of occurrence of one per cent during any given year.

The original Eastman Drain flood hazard mapping was completed in 1980 by Chrysler and Lathem Limited. There have been land use, drainage and infrastructure changes as well as technological improvements and additional data collected since 1980. As such, the RRCA had recommended the flood mapping be updated. This project was funded in part by the United Counties of SDG, the Province of Ontario, and the Government of Canada through the Flood Hazard Identification and Mapping Program (FHIMP).

DISCUSSION:

JFSA Canada Inc. (JFSA), a qualified engineering firm with substantial flood mapping experience was retained by the RRCA, through a competitive tender process, to update the Eastman Drain flood hazard area (also described as the floodplain).

A digital terrain model was created using a LiDAR-derived digital elevation model (conducted by Airborne Imaging during 2021 and 2022) and bathymetry data collected through a topographic field survey by JFSA in November 2022 and March 2023. Detailed hydrologic modelling (SWMHYMO) and hydraulic modelling (HEC-RAS) was undertaken to determine the flood hazard area for the Eastman Drain. This was also presented as a series of flood hazard maps. The analysis was completed as per the Ontario Ministry of Natural Resources Provincial Guidelines (2002) and the Federal Flood Mapping Guideline Series – Federal Hydrologic and Hydraulic Procedures for Flood Hazard Delineation Natural Resources Canada (2019).

Landowners in the affected area were notified of the updated flood hazard mapping by mail the week of March 18, 2024 and invited to learn more about the updates at the Public Information Centre on April 10, 2024. The details of the Public Information Centre were advertised in the March 20, 2024 issue of the Seaway News, posted on the RRCA website and on social media through Facebook, Instagram, and X (formerly Twitter). The RRCA also issued a media release on March 28, 2024 with details to attend the Public Information Centre. The public was also invited to schedule individual meetings with the RRCA at their convenience.

On April 10, 2024 from 5:00 pm – 6:00 pm, a virtual Public Information Centre was held where RRCA staff discussed the project and presented the updated flood hazard area (floodplain) and the associated regulated area. There were 24 attendees. The meeting was live-streamed on Teams and included a question-and-answer period.

The RRCA received 12 enquiries (emails, phone calls, or individual meetings) from landowners representing 110 individual properties between February 25, 2024 and April 26, 2024 to further discuss the project details and provide clarification regarding specific land parcels, the flood hazard area and associated regulated area.

A technical presentation will be made at the May 16, 2024, Board of Directors meeting.

The updated 100-Year flood hazard maps (JFSA, 2024) are attached to this report and available on the RRCA website.



Laura Grant, P.Geol.
Project Manager, Watershed Management

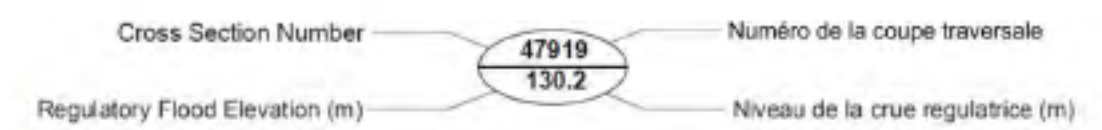
Attachments:

1. Eastman Drain Flood Hazard Mapping Project (Hydrology Report), JFSA Canada Inc., 2024 – accessible via: <https://rrca.on.ca/ftp/eastman/2024-jfsa-hydrology.pdf> (47 MB)
2. Eastman Drain Flood Hazard Mapping Project (Hydraulics Report), JFSA Canada Inc., 2024 – accessible via: <https://rrca.on.ca/ftp/eastman/2024-jfsa-hydraulics.pdf> (99 MB)
3. Eastman Drain Flood Hazard Maps, JFSA Canada Inc., 2024 – (high resolution versions) accessible via: <https://rrca.on.ca/ftp/eastman/2024-jfsa-maps.pdf> (11MB)
4. Eastman Drain Flood Hazard Maps, JFSA Canada Inc., 2024 – (lower resolution version), attached.

FLOOD HAZARD MAP EASTMAN DRAIN CARTE D'ALÉAS D'INONDATION

LEGEND / LÉGENDE

- 100-Year Floodplain / La Crue 100 ans
- Stream / Ruisseau
- Contours / Courbes
- Cross Sections / La coupe transversale



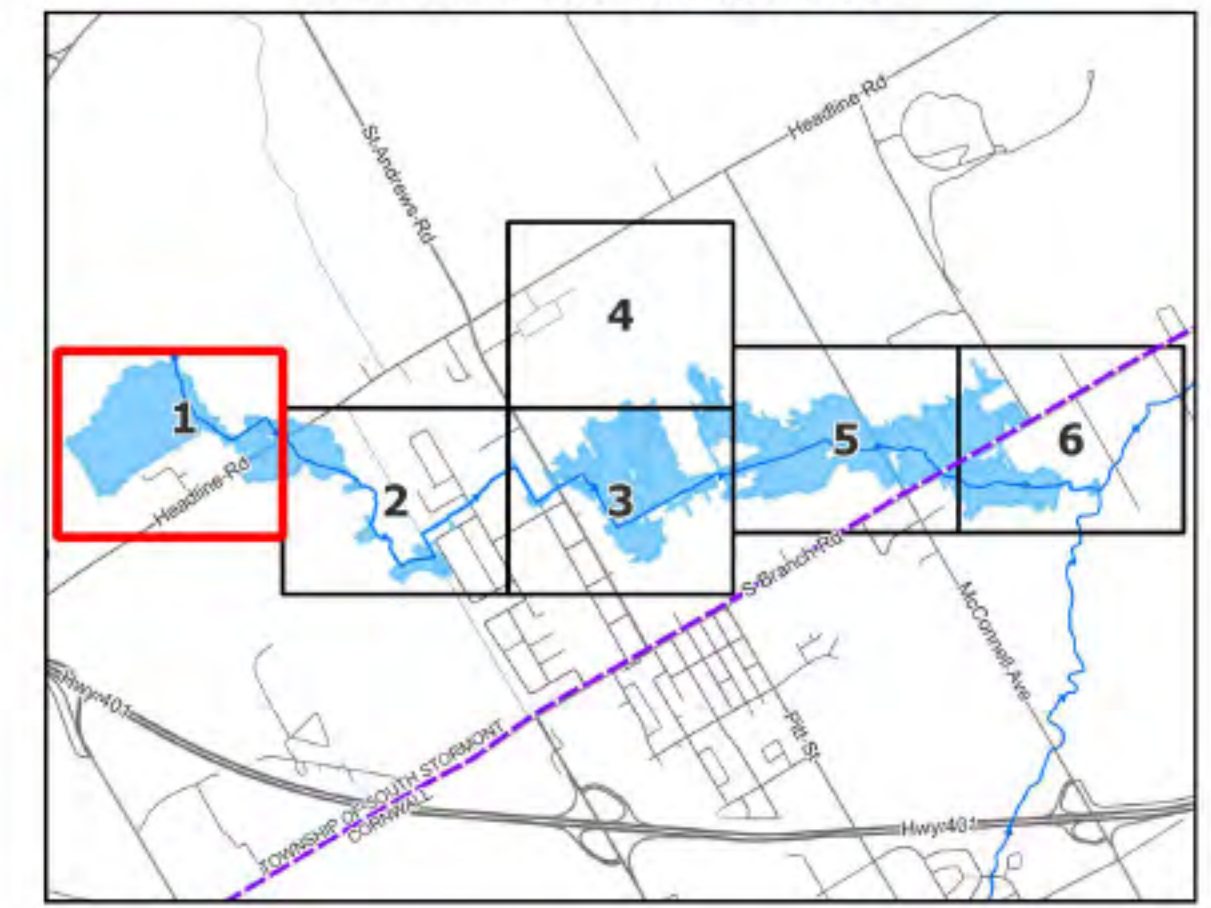
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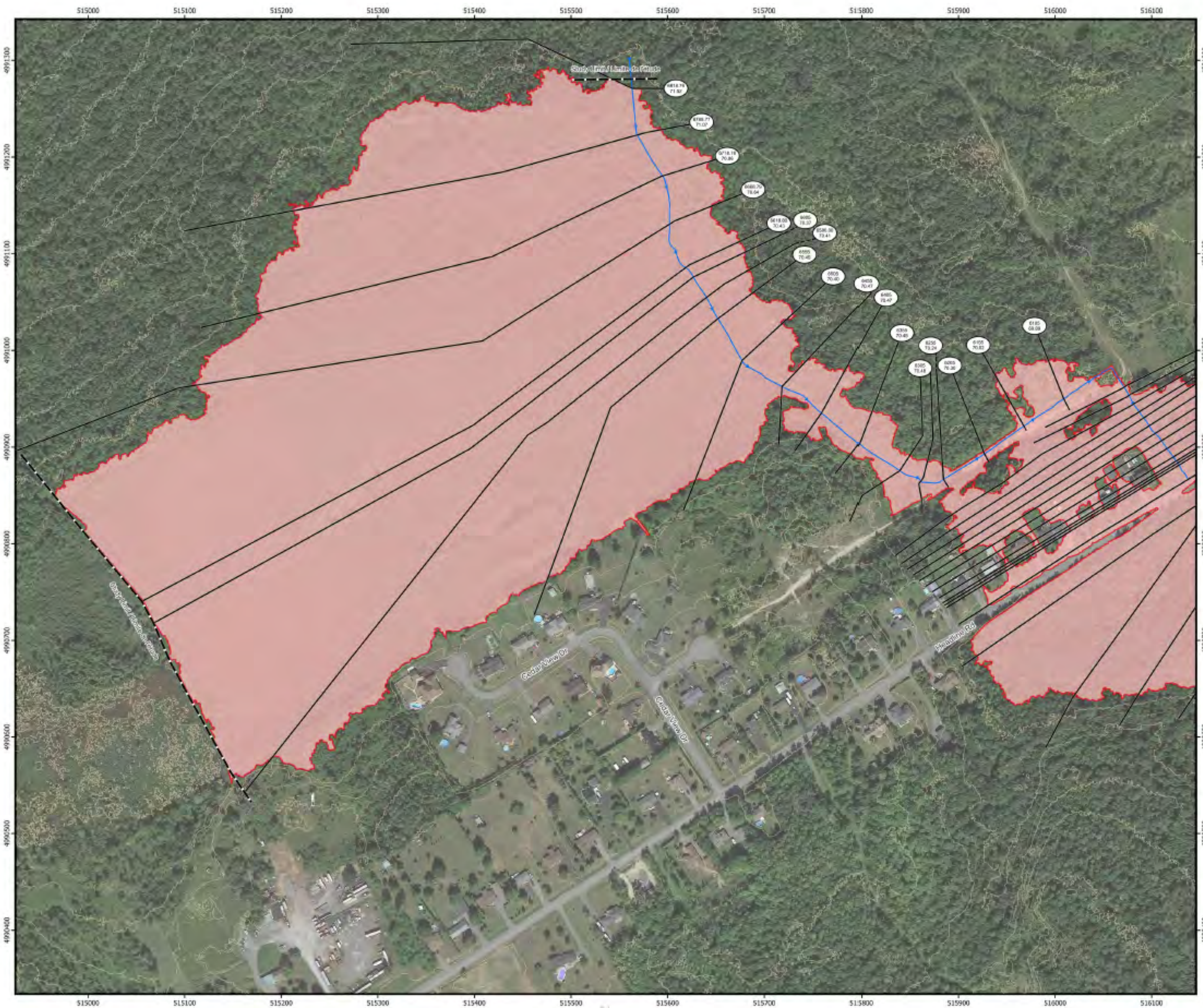
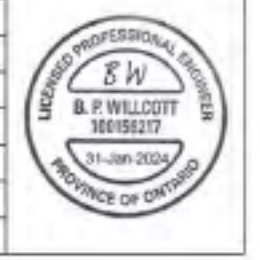


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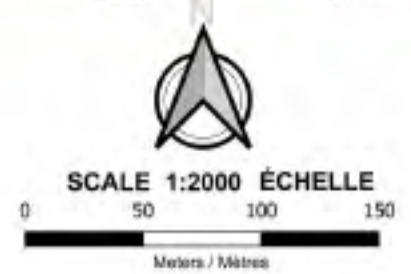
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FLOOD HAZARD MAP
EASTMAN DRAIN
CARTE D'ALÉAS D'INONDATION

LEGEND / LÉGENDE

- █ 100-Year Floodplain / La Crue 100 ans
- █ Stream / Ruisseau
- █ Contours / Courbes
- █ Cross Sections / La coupe traversale

Cross Section Number 47919 Numéro de la coupe traversale
 Regulatory Flood Elevation (m) 130.2 Niveau de la crue régulatrice (m)

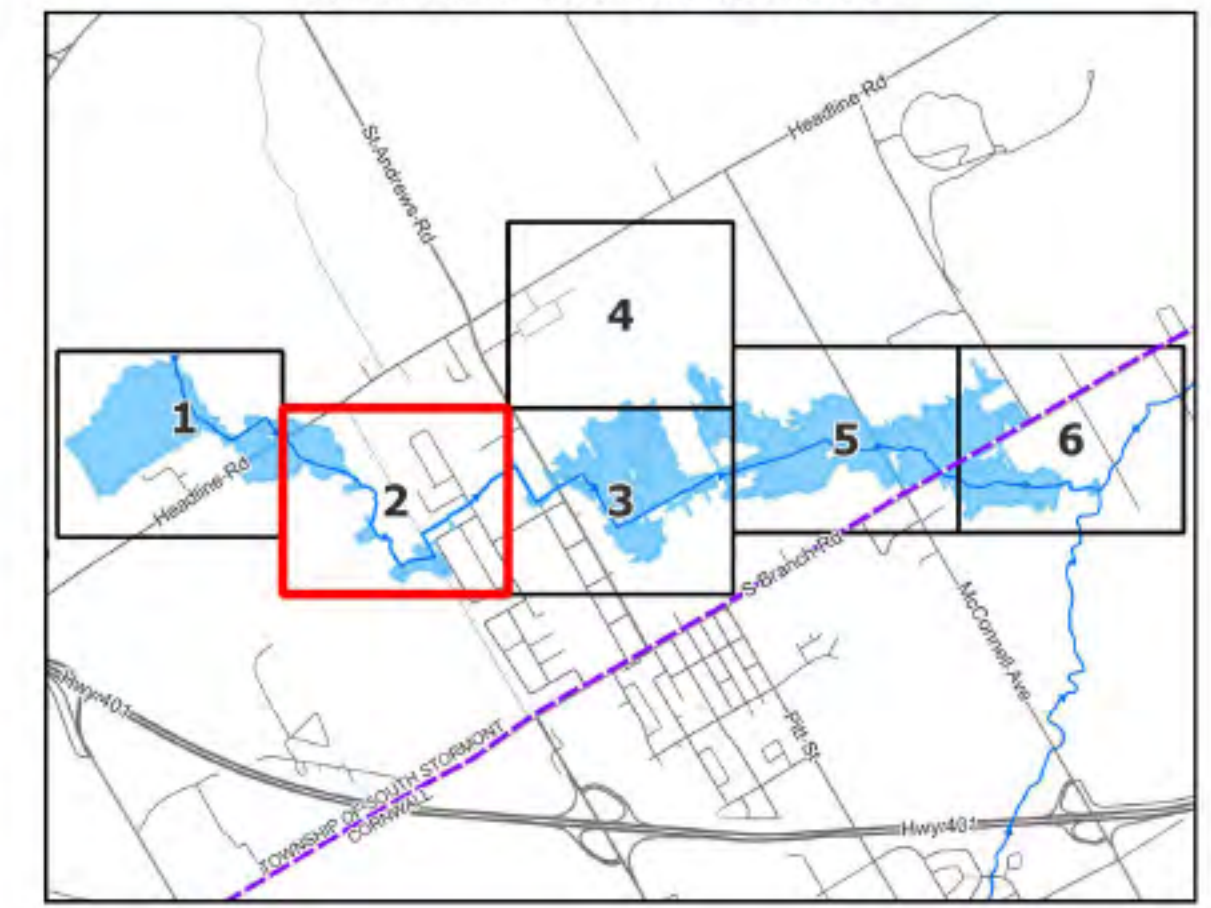
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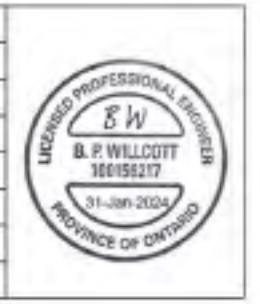


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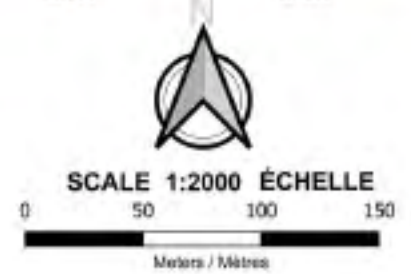
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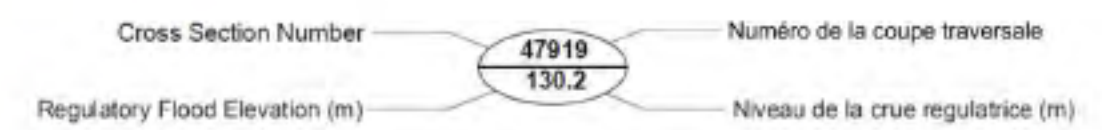
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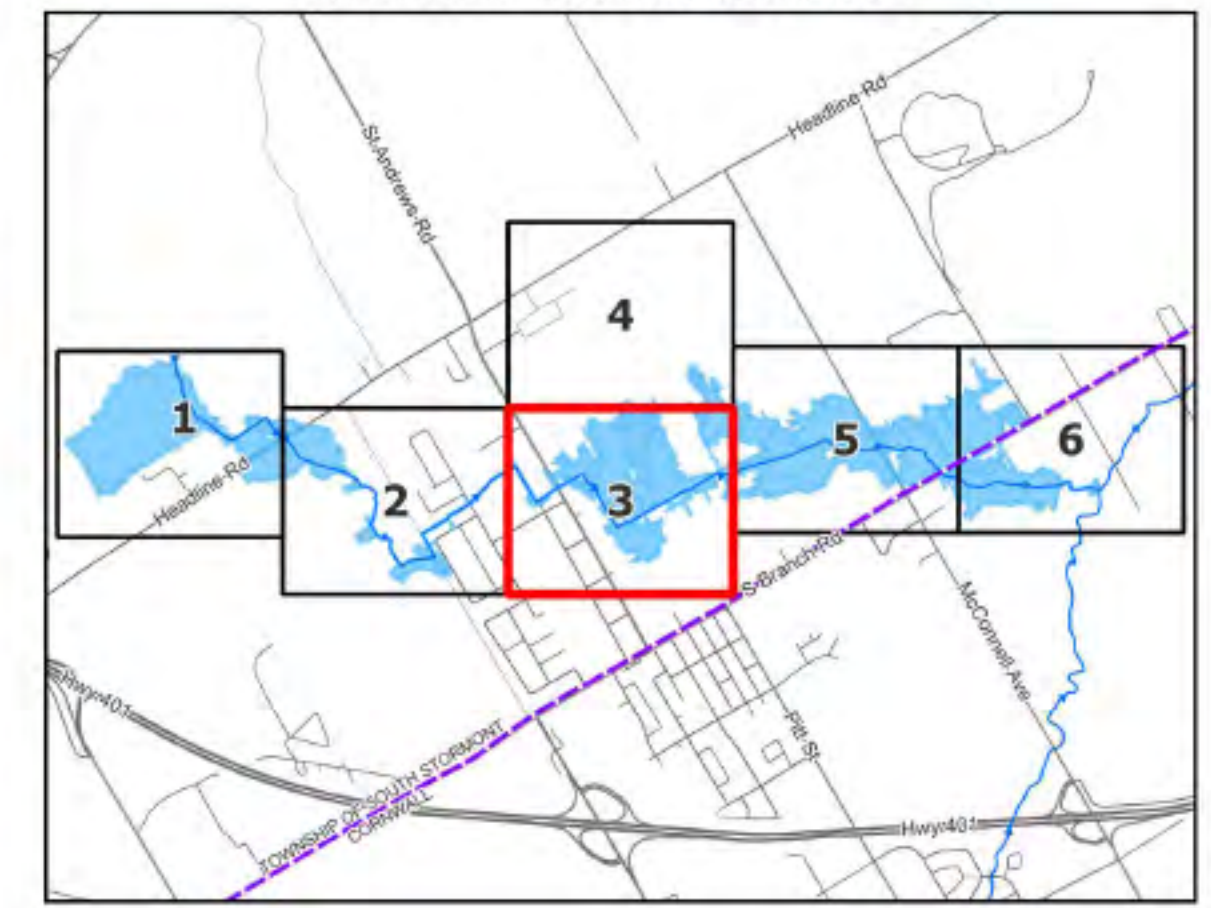
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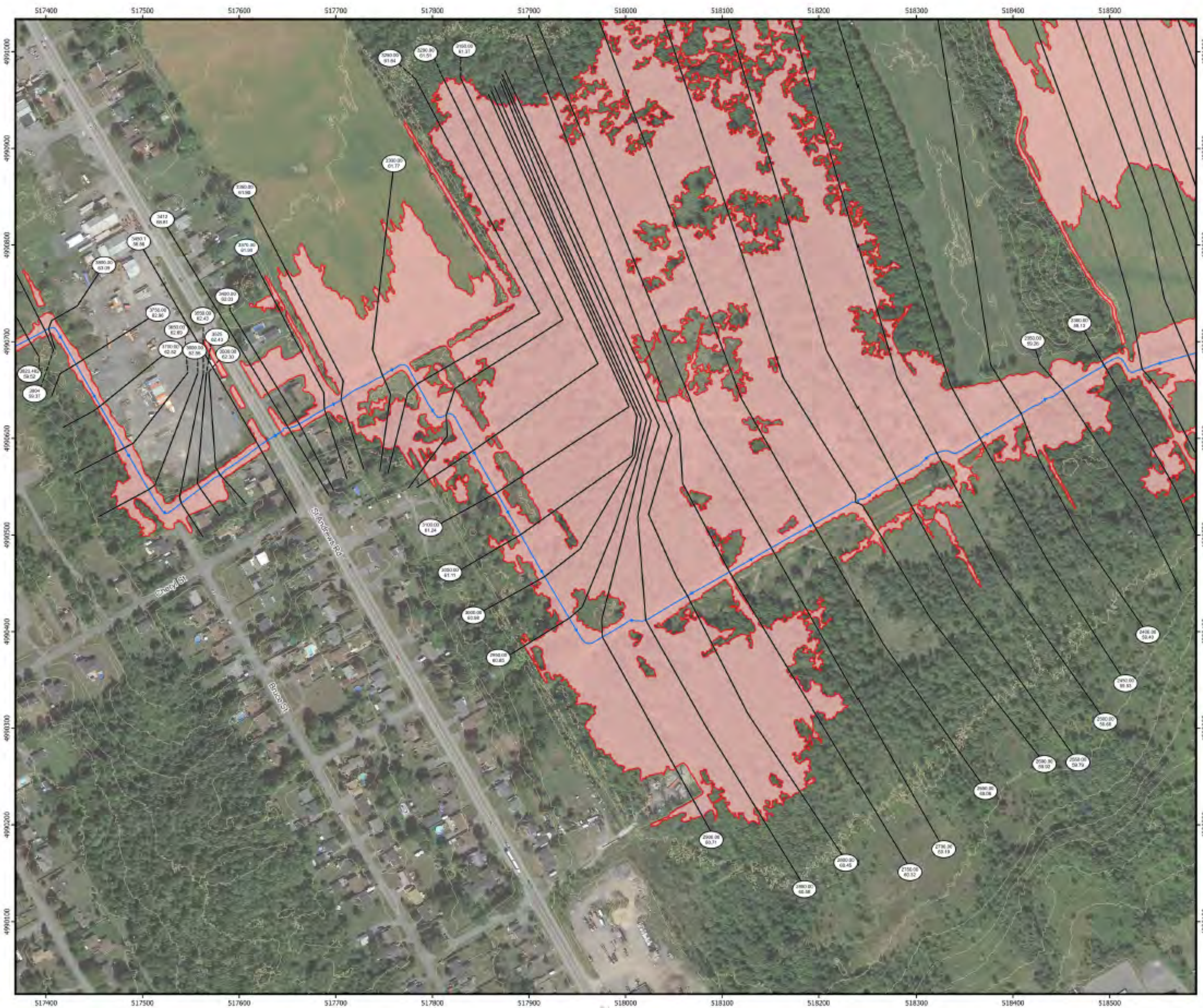
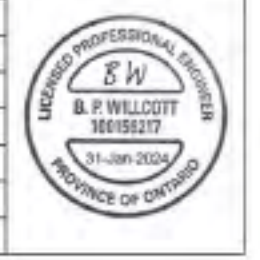


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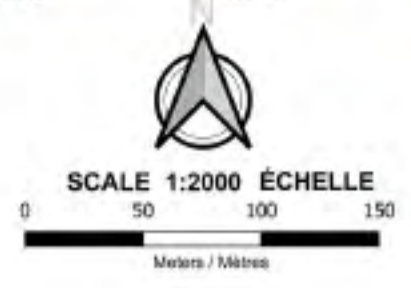
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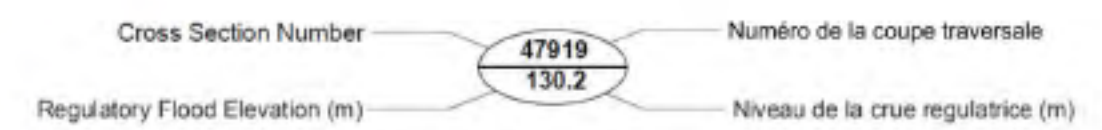
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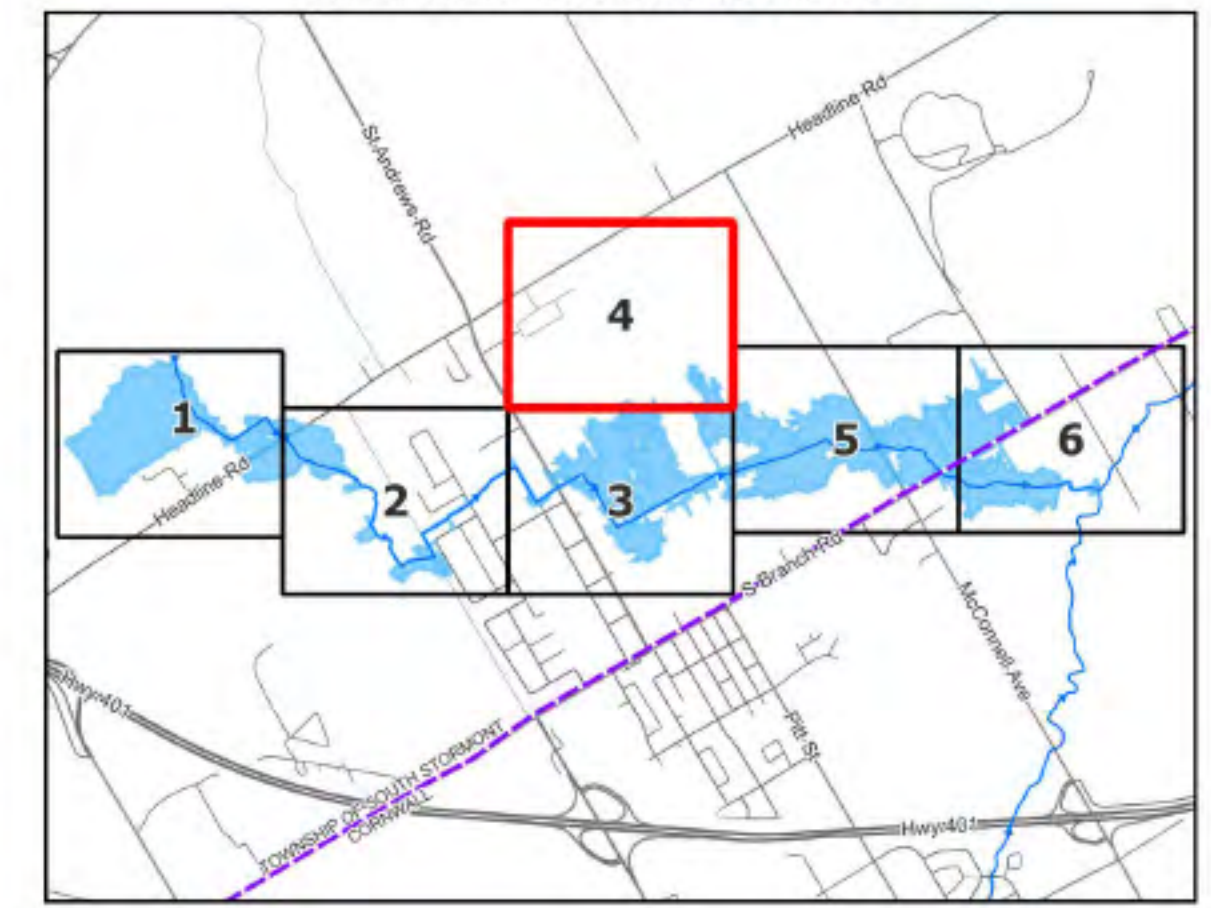
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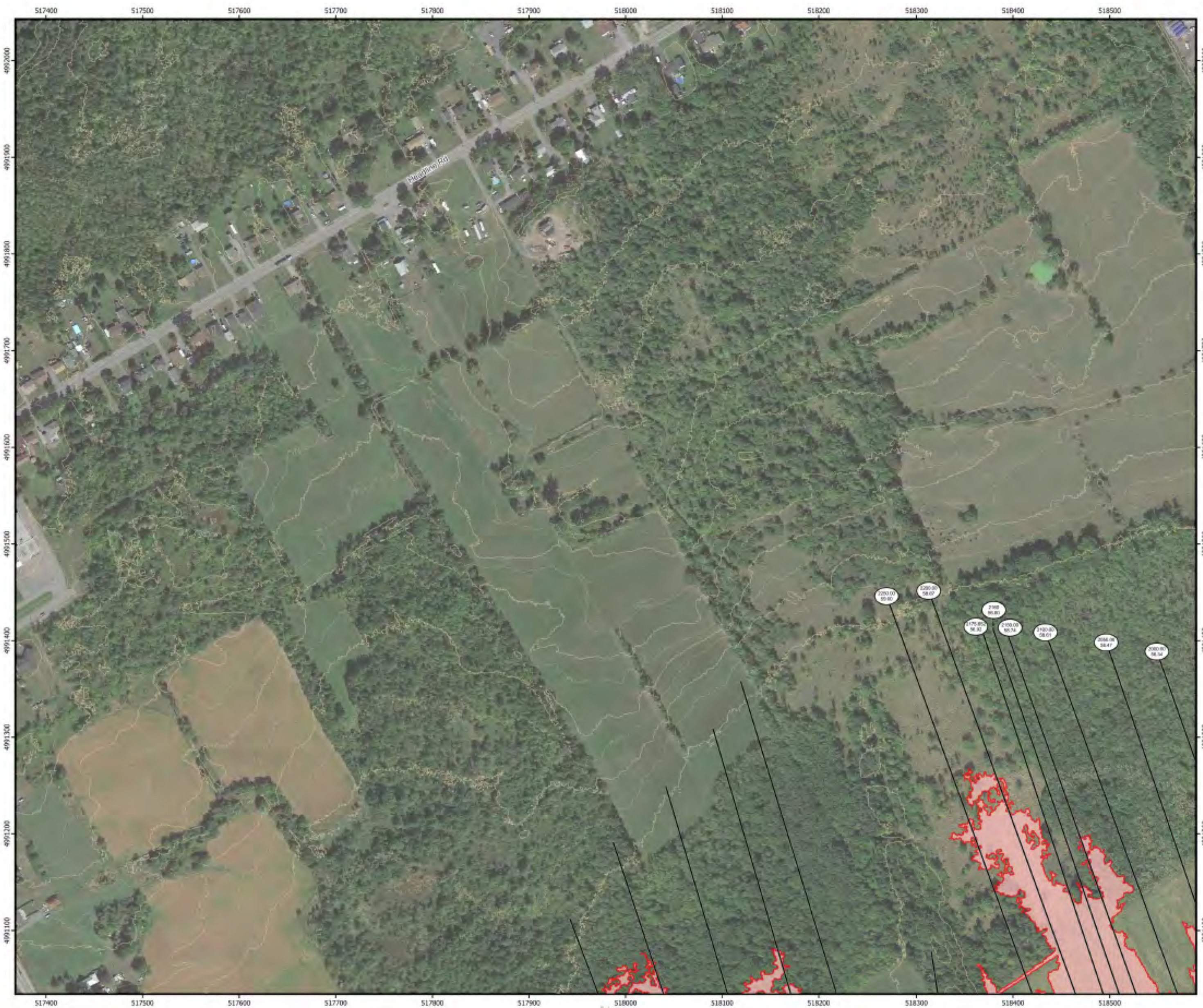


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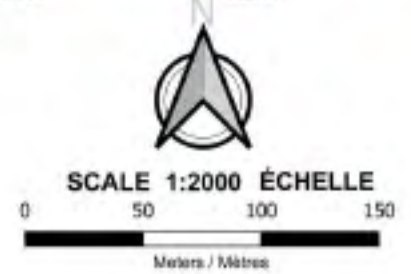
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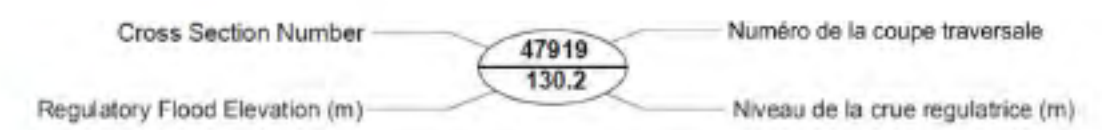
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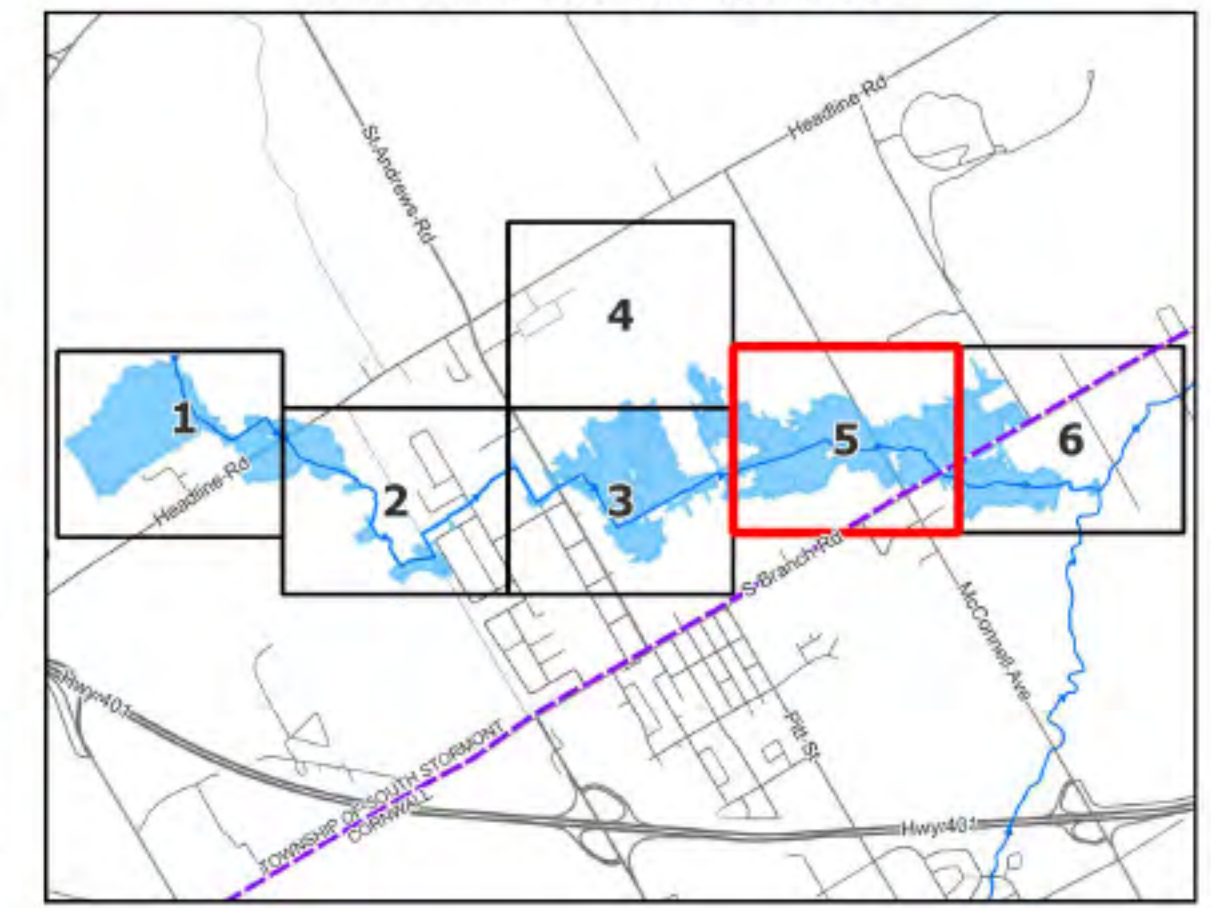
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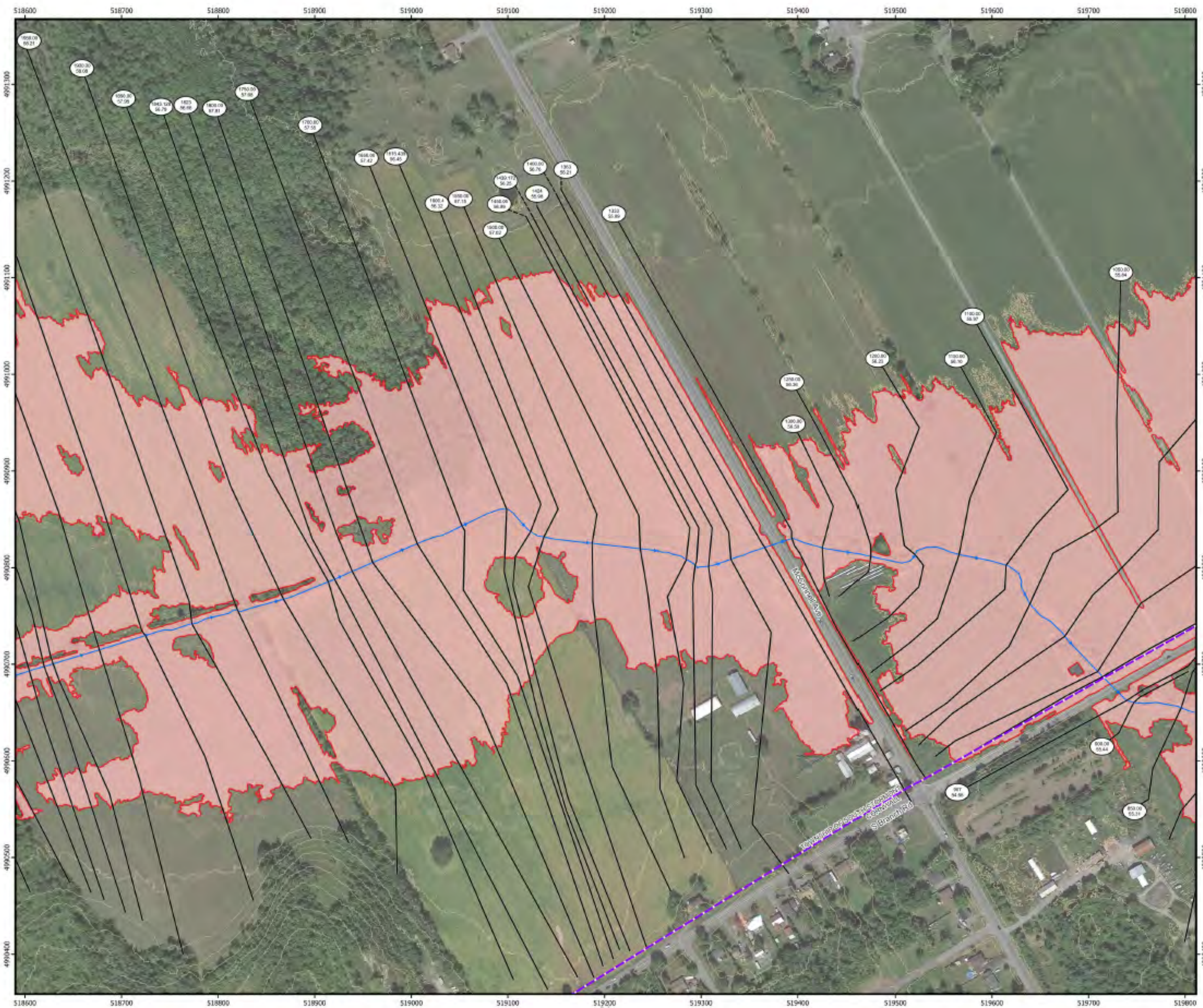


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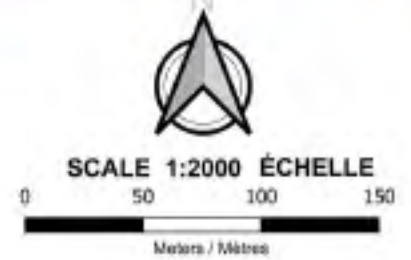
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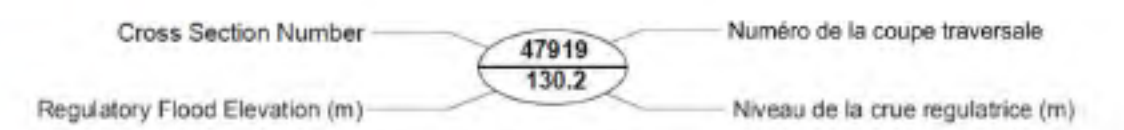
Cette carte a été en partie réalisée à l'aide de données fournies par la RRCA, Avril / 2023

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FLOOD HAZARD MAP
EASTMAN DRAIN
CARTE D'ALÉAS D'INONDATION

LEGEND / LÉGENDE

- █ 100-Year Floodplain / La Crue 100 ans
- █ Stream / Ruisseau
- █ Contours / Courbes
- █ Cross Sections / La coupe transversale



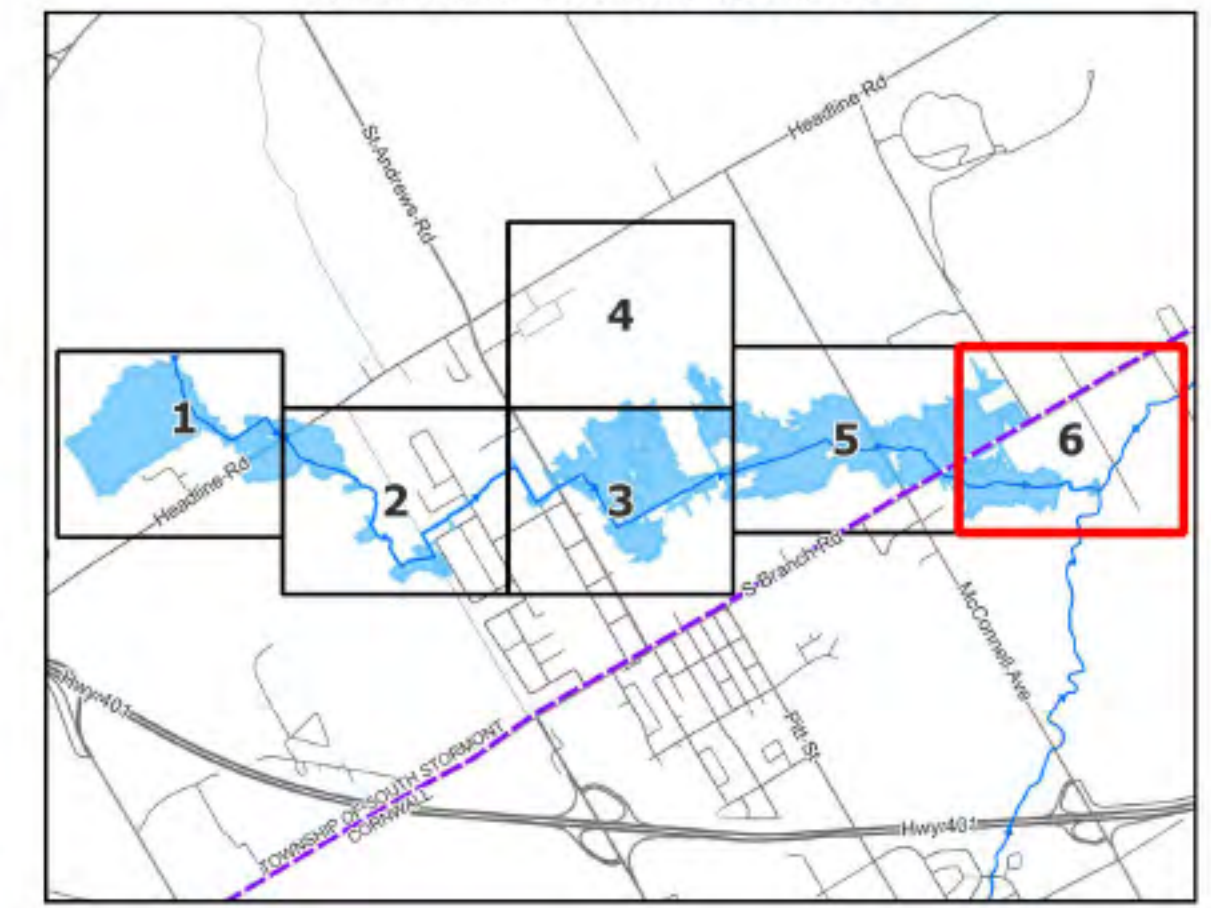
INDEX CONTOUR INTERVAL 2 METERS WITH 1 METER INTERMEDIATE CONTOUR
NORTH AMERICAN DATUM 1983
COURBES DE NIVEAU PRINCIPALES DE 2.0 MÈTRES AVEC COURBES DE NIVEAU INTERMÉDIAIRES DE 1 MÈTRE
SYSTÈME DE RÉFÉRENCE GÉODÉSIQUE NORD-AMÉRICAIN 1983

GENERAL INFORMATION
Vertical Datum: CGVD2013
Horizontal Datum: North American 1983 UTM Zone 18N
Map Projection: Transverse Mercator Projection

RENSEIGNEMENTS GÉNÉRAUX
Niveau de référence vertical: CGVD2013
Niveau de référence horizontal: nord-américain 1983 UTM Zone 18N
Projection cartographique: Projection transverse de Mercator

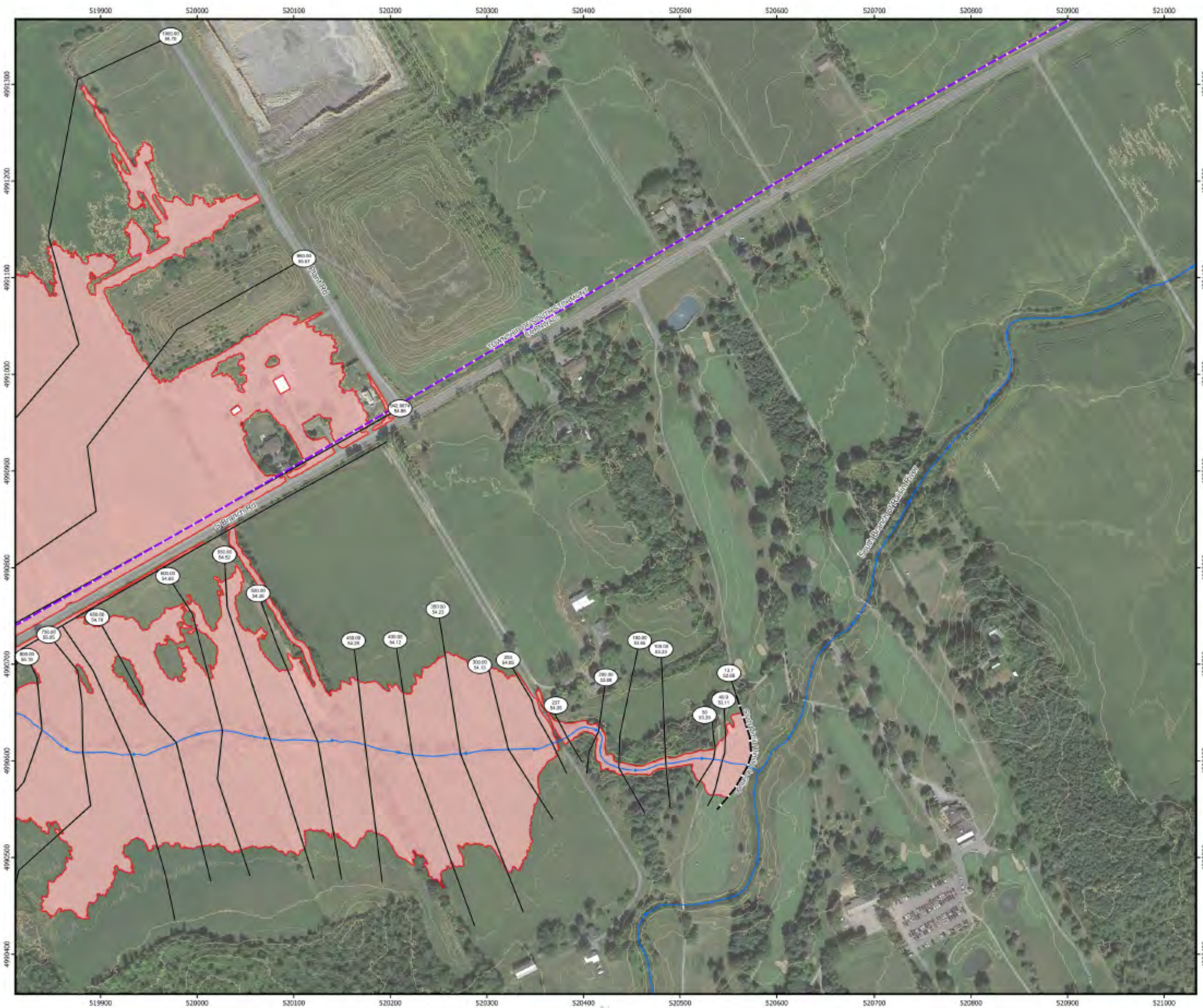


SHEET INDEX / TABLEAU D'ASSEMBLAGE



Additional Notes:
Notes complémentaires:

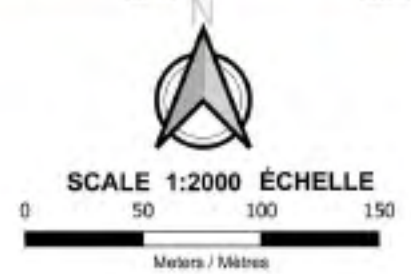
REVISIONS		
NO.	DESCRIPTION	DATE
1	Submitted for approval	31 Jan, 2024



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This map is produced in part with data provided by RRCA, April / 2023

Aerial Imagery © Google, Airbus, CNES / Airbus, Maxar Technologies, USDA/PPAC/GEO, July 2018
Map Data © Google 2023
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To: Board of Directors
From: Phil Barnes, Team Lead – Watershed Management
Date: May 3, 2024
Subject: Regulation Policy and Mapping Updates Workplan

RECOMMENDATION:

THAT the Board of Directors receive and approve the Regulation Policy and Mapping Updates Workplan, as presented.

BACKGROUND:

On April 1, 2024, Ontario Regulation 41/24 (Prohibited Activities, Exemptions and Permits) and Part VI of the *Conservation Authorities Act* came into effect. This regulation replaces the Raisin Region Conservation Authority’s (RRCA) previous “Regulation of Development, Interference with Wetlands and Alterations to Shorelines and Watercourses” regulation. (O.Reg. 175/06).

The proclamation of the new legislative and regulatory framework necessitated updates to existing Conservation Authority policies and procedures, including the Regulation Policies manual for the RRCA. The new regulations require publicly accessible maps posted to the authority’s website defining areas subject to regulation by the RRCA.

Good policies provide clear guidelines for complying with regulatory requirements and ensure consistency, accountability, efficiency, and clarity.

Clear, publicly available mapping that defines regulated areas enhances transparency, accessibility, compliance, planning, enforcement, and public engagement, contributing to more effective regulatory implementation.

DISCUSSION:

RRCA staff have been working collaboratively with other eastern Ontario Conservation Authorities to prepare an updated regulation policies manual and updated regulations mapping to ensure compliance with the new regulations and to facilitate excellent service delivery across our combined jurisdictions.

The regulation policies and mapping will address the changes with the updated Act and Regulations; including, wetland areas, watercourses, and new exemptions.

The regulation policies update is expected to provide flexibility for developers and landowners who have already received *Planning Act* approvals prior to the new regulations being enacted (e.g. Site Plan Approvals, or Vacant Lots of record) where the safety of people and property are not expected to be jeopardized in the event of a natural hazard.

Consultation and public engagement will take place during the summer of 2024 which may include meetings with municipal staff, county staff, and agricultural organizations; a public information session, media releases, and website updates.

It is expected that RRCA staff will bring a board report to the September 2024 meeting summarizing the consultation. Updated mapping and policy documents will be presented at this time for review.

A handwritten signature in black ink, appearing to read "Phil Barnes", is positioned above a solid horizontal line.

Phil Barnes, P.Eng.
Team Lead, Watershed Management



To: Board of Directors
From: Lisa Van De Ligt, Team Lead, Communications and Stewardship
Date: May 10, 2024
Subject: Grant Submissions

RECOMMENDATION:

THAT the Board of Directors retroactively approve requesting \$6,650 from TD Bank Group to host a TD Tree Days event;

AND FURTHER THAT the Board of Directors approve requesting up to \$50,000 from the Invasive Species Centre to develop a phragmites management plan for RRCA conservation areas;

AND FURTHER THAT the Board of Directors approve requesting up to \$140,000 from the Ministry of Environment, Conservation and Parks to restore and enhance a provincially significant coastal wetland within the St. Lawrence River Area of Concern at Cornwall/Akwesasne;

AND FURTHER THAT the Board of Directors approve requesting up to \$140,000 to support the development of a eutrophication strategy for the St. Lawrence River Area of Cornwall at Cornwall/Akwesasne;

AND FURTHER THAT the Board of Directors approve requesting up to \$50,000 to support the status review of the St. Lawrence River Area of Concern at Cornwall/Akwesasne – Habitat Beneficial Use Impairment;

AND FURTHER THAT the Board of Directors approve requesting up to \$5,000 from South Nation Conservation to develop a road salt application and storage education and outreach campaign to protect municipal drinking water sources;

AND FURTHER THAT the Board of Directors approve entering into an agreement with funders and partners, if required.

BACKGROUND:

To support and enhance the RRCA's programs and services, staff consistently investigate funding and partnership opportunities and submit grant applications when applicable. Funding opportunities may be annual grants typically secured by the RRCA or new funding opportunities. When a funder offers a different funding amount than the RRCA's original request, staff will adjust the workplan accordingly prior to accepting the funding.

Below is a summary of the 2024 grant applications submitted to date:

- Requested: \$790,315
- Approved: \$102,310
- Pending: \$635,000
- Not approved: \$53,085

DISCUSSION:

The following funding opportunities were identified by staff as a potential source of revenue for RRCA programs and projects:

1. Project Title: TD Tree Days

- **Funder:** TD Bank Group
- **Request:** \$6,650
- **Summary:** Since 2018, the RRCA has partnered with TD Bank Group to host a community tree planting event, TD Tree Days. In 2024, the RRCA intends to host the event at Gray's Creek Conservation Area to replace trees impacted by invasive species and weather events.
- **Submission Deadline:** April 30, 2024 (retroactive approval)

2. Project Title: Phragmites Management Plan for RRCA Conservation Areas

- **Funder:** Invasive Species Centre – Invasive Phragmites Control Fund
- **Request:** up to \$50,000
- **Summary:** Funding will support phragmites mapping and the development of a phragmites management plan for the RRCA's conservation areas.
- **Submission Deadline:** May 30, 2024

3. Project Title: Restoring and Enhancing a Provincially Significant Coastal Wetland within the St. Lawrence River Area of Concern at Cornwall/Akwesasne

- **Funder:** Ministry of Environment, Conservation and Parks
- **Request:** up to \$140,000 over two years
- **Summary:** Funding will support the restoration of part of the Charlottenburgh Marsh. This project will address actions identified in the St. Lawrence River Remedial Action Plan to restore water quality and ecosystem health.
- **Submission Deadline:** May 30, 2024

- 4. Project Title:** Eutrophication Strategy for the St. Lawrence River Area of Concern at Cornwall/Akwesasne
- **Funder:** Ministry of Environment, Conservation and Parks
 - **Request:** up to \$140,000 over two years
 - **Summary:** Funding will support the development of a eutrophication strategy to improve water quality in the St. Lawrence River Area of Concern at Cornwall/Akwesasne. This project will address actions identified in the St. Lawrence River Remedial Action Plan to restore water quality and ecosystem health.
 - **Submission Deadline:** May 30, 2024
- 5. Project Title:** St. Lawrence River Area of Concern at Cornwall/Akwesasne – Habitat Beneficial Use Impairment Review
- **Funder:** Ministry of Environment, Conservation and Parks
 - **Request:** up to \$50,000
 - **Summary:** Funding will support the review of past Habitat Beneficial Use Impairment reports and recommended next steps.
 - **Submission Deadline:** May 30, 2024
- 6. Project Title:** Road Salt Application and Storage Education and Outreach Campaign for Drinking Water Source Protection
- **Funder:** South Nation Conservation - Eastern Ontario Water Resources Program
 - **Request:** up to \$5,000
 - **Summary:** Funding will support the development of an education and outreach campaign for road salt application and storage, as per revised draft policies in the Raisin-South Nation Source Protection Plan.
 - **Submission Deadline:** June 6, 2024



Lisa Van De Ligt
Lisa Van De Ligt,
Team Lead, Communications and Stewardship



354-2024-201

May 8, 2024

Bryan McGillis
Chair
Raisin Region Conservation Authority
bmcgillis@southstormont.ca

Dear Bryan McGillis:

Thank you for sharing information about the Raisin Region Conservation Authority's commitment to offering safe recreational spaces to its communities, and the challenges presented by recent weather events, invasive species and diseases.

I appreciate the continued work of the Raisin Region Conservation Authority in keeping our communities safe, and for the valuable recreational opportunities you provide. My ministry does not have funding opportunities available at this time that is applicable for the conservation authority land management activities described in your letter. I encourage you to explore other funding opportunities that may be available.

If you plan to undertake any preventative invasive species management in the future, you may wish to look into the Invasive Species Centre's Invasive Species Action Fund (ISAF). The ISAF is a granting program designed to facilitate on-the-ground management and monitoring of invasive species to prevent their arrival and survival in Ontario. For more information about the ISAF, please [click here](#).

Once again, thank you for your commitment to our communities.

Sincerely,

A handwritten signature in black ink, appearing to read "Graydon Smith".

The Honourable Graydon Smith
Minister of Natural Resources and Forestry

c: Lisa Van De Ligt, Team Lead, Raisin Region Conservation Authority