

Calgary River Communities Action Group *Annual General Meeting*

June 16, 2025

PROTECT CALGARY

We can't afford to let this happen again



Calgary River Communities
Action Group

ProtectCalgary.com

Welcome to our 2025 Annual General Meeting



Calgary River Communities
Action Group

#CRCAGagm



crcactiongroup



@crcactiongroup



Agenda

Topic/ Speaker	CRCAG speaker	Time (minutes)	Schedule
Welcome	Brenda Leeds Binder	5	6:30-6:35
CRCAG Co-Presidents' Report	Tony Morris	15	6:35-6:50
Words from representatives and acknowledgements <ul style="list-style-type: none"> • Mayor Jyoti Gondek • MLA Calgary-Elbow: Samir Kayande • Cam Lane, Executive Director, Watershed Resilience and Predictions, Alberta Environment and Protected Areas • Kate Rich, Assistant Deputy Minister, Water and Circular Economy, Alberta Environment and Protected Areas • Tom Loo, Assistant Deputy Minister, Construction and Maintenance Division, Alberta Transportation and Economic Corridors 	<i>Speaker introduction by:</i> Tony Morris	15	6:50-7:05
CRCAG Association Business <ul style="list-style-type: none"> • Financial update • Board resignations & role changes • Committee members 	Tony Morris and Greg Johnson	10	7:05-7:15
Introduction of Speaker Panel	Brenda Leeds Binder	5	7:15-7:20
M. Javid Iqbal , P.Eng., Executive Director, Water Infrastructure and Operations Branch, Primary Agriculture Division, Alberta Agriculture and Irrigation (AGI) John Conrad , MSM, CD, Assistant Deputy Minister, Primary Agriculture, AGI <ul style="list-style-type: none"> • About the AGI ministry and why the operation of SR1 falls within its mandate • Transition of SR1 from Transportation to the Water Infrastructure and Operations Branch (WIOB) of AGI, and how SR1 will be managed in the future 	<i>Speaker introduction by:</i> Brenda Leeds Binder	10	7:20-7:30
Charlie Lund, CRCAG Board <ul style="list-style-type: none"> • CRCAG Position Statement on Bow River options 	<i>Speaker introduction by:</i> David Chalack	10	7:30-7:40
Frank Frigo , Water Resources Engineer, City of Calgary <ul style="list-style-type: none"> • Status on local mitigation projects • City's role in stewardship of upstream projects • Updated Flood Hazard Maps - how the new maps will be used by the City, particularly concerning local Land Use Bylaws and regulations 	<i>Speaker introduction by:</i> Charlie Lund	10	7:40-7:50
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Wrap-up Comments	Tony Morris & Brenda Leeds Binder	5	8:10-8:15

2025 AGM package



Scan to access the agenda, speaker bios, and links to resources.

Your 2025 CRCAG team

Board of Directors

- Tony Morris, President
- Anna Mravcak, Treasurer
- Steven Forrest
- Charlie Lund
- David Chalak

As well as support from our
Communications Director, Erin Fahey.



What We Do

- Inform
- Advocate
- Remember

Who is CRCAG?

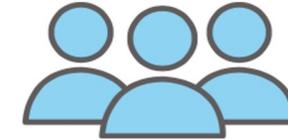


Calgary River Communities Action Group was formed in the immediate aftermath of the Southern Alberta Floods disaster in 2013.

The **group of concerned citizens** advocates for the construction of flood mitigation infrastructure to protect Calgary against future flooding, and defends against policy, legislative and regulatory changes that are prejudicial to, and negatively impact, property owners in flood impacted communities.

CRCAG is...

- a society created under the Societies Act (Alberta)
- a non-profit organization
- not a charity and charitable receipts cannot be issued for donations



Our mandate:



CRCAG will continue to advocate for construction of large-scale flood mitigation infrastructure to provide the City of Calgary protection for at minimum a **1 in 200 year scale flood event on the Elbow River**.



CRCAG will continue to advocate for the Government of Alberta to immediately enter into a **legal agreement with TransAlta** Corporation to leverage existing infrastructure on the Bow River and its tributaries for flood mitigation purposes.



CRCAG will advocate for construction of additional flood mitigation infrastructure on the **Bow River to ensure protection for at minimum a 1 in 200 year scale flood event**.



CRCAG will participate in **legal and regulatory proceedings** as deemed necessary by the CRCAG Board in furtherance of advocating for particular flood mitigation infrastructure projects.



CRCAG will continue to **advocate against policy, legislative and regulatory changes that are prejudicial** to and negatively impact property owners in flood impacted communities.



We Must Not Forget

Lives Lost

Lorraine Gerlitz, 83, of Calgary

Jacqueline Brocklebank, 33, of High River

Amber Rancourt, 35, of Longview

Dominic Pearce, 52, of High River

Robert Nelson, 44, of Okotoks



Historical Flooding Reference



Upstream Mitigation Progress Report

River	Studies	Proposals	Project Selection	Regulatory Approval	Cabinet Approval	Construction	Operational
Elbow							
Bow							

So Many People to Thank (with apologies to those not mentioned)

- The **VOLUNTEERS** who saved us!
- The original CRCAG Board: *Emma May, Helen Wesley, Wade Felesky, Dr. Mike Bregazzi and Tony Morris (and Greg Clark)*
- Other Board members: *Daryl Rudichuk, Gloria Mak, Rob Motherwell, Rob Nieuwesteeg*; and helpers *June Kilcolm, Josh Traptow*
- Our 6 (!) Premiers: *Redford, Hancock, Prentice, Notley, Kenney, Smith*, and their respective provincial governments
- Our MPs *Joan Crockatt and Greg McLean*, and the Federal government
- Mayors *Naheed Nenshi and Jyoti Gondek* and City Council
- Key MLAs and Ministers: *Greg Clark, Doug Schweitzer, Brian Mason, Rick McIvor, Ken Hughes, Rebecca Schulz*



So Many People to Thank (with apologies to those not mentioned)

- Key Provincial officials: *Andre Corbould, John Conrad, Andrew Wilson, Mark Comerford, Mark Svenson, Rick Blackwood, Landon Reppert, Matt Hebert, Crystal Damer, Yvonne Carignan, Peter Onyshko, Morna Hussey, Terri Lucas and Denise Auriat (and many more, including consultants)*
- Calgary Water Services: *Frank Frigo, Sandy Davis, Carolyn Bowen*
- Your neighbours: *Allan Markin, Steve Allan, Wolf Keller, Ken Kress, Rhondda Siebens, Mary Moran (and far too many more to name)*

So Many People to Thank (with apologies to those not mentioned)

- Flood Free Calgary: *Paul Battistella, Geoff Granville, Scott Laird, Paul Fisher*
- Regulatory Subcommittee: *Simon Geoghegan, Rachel Kolber, Lauren Bell (with legal counsel Lou Cussano and Gino Bruni)*
- Bow River Subcommittee: *Charlie Lund and Jean Woeller*
- The amazing ***Erin Fahey***, Communications Director
- OUR INCREDIBLE BOARD: ***Brenda, Anna, Greg, David, Charlie, Steve and Tony***

**AND TO YOU, OUR MEMBERS,
WITHOUT WHOM CRCAG IS
HOLLOW, THANK YOU FOR
TWELVE YEARS OF TIRELESS
SUPPORT**



Approvals - SR1 Developments (since our 2023 AGM)

- Following the commencement of SR1 construction in May 2022, CRCAG remained engaged with Alberta Transportation—continuing regular contact and cadence meetings to track progress.
- ***SR1 OPERATIONAL to protect Calgary announced MAY 21, 2025.***



Bow River Developments (since our 2023 AGM)

- Bow River Reservoir Options project
 - Phase 1: Conceptual Assessment **COMPLETE**
 - Phase 2: Feasibility Study **FINALIZED AND REPORT EXPECTED SOON**
 - Phase 3: Detailed Design and Engineering and Regulatory Approval (coming in 2025)
 - Phase 4: Procurement, Construction and Commissioning
- “Relocated Ghost Dam” option selected from the three studied
- 2037 timeline and multiple approvals to come
- 5 year extension of TransAlta Agreement confirmed May 2021
- CRCAG position statement re Bow River mitigation released April 2025

Flood Mapping Developments (since our 2023 AGM)

- Refer to January 30, 2024 CRCAG post on this topic. “Flood Hazard Maps” upon which development regulation will apply, identify 4 zones:
 - Floodway
 - High Hazard Flood Fringe
 - Flood Fringe
 - Protected Flood Fringe
- “Draft” FHM for Hillhurst-Sunnyside to be revised to final upon completion of the Sunnyside Flood Barrier in 2026. Elbow River FHM finalized and released in May 2025. alberta.ca/final-flood-maps
- Flood Hazard Maps incorporate the effect of mitigation structures like SR1 and barriers

Floodplain Regulation (since our 2023 AGM)

- “Calgary River Valleys Project” to provide guidance on planning, conserving and building in Calgary’s river valleys. Will inform amendments to the Municipal Development Plan and Land Use Bylaw.
- Board participated in specific survey response in early 2024 and provided guidance to Members on how to also participate. Stage 3 Engagement anticipated late 2025.
- Also undertaking new “Calgary River Valleys Groundwater Study” to attempt to map groundwater during flood events.
- No draft regulations released at this time.



Words from Elected Representatives

- Mayor Jyoti Gondek
- MLA Calgary-Elbow: Samir Kayande





Mayor
**Jyoti
Gondek**



Calgary River Communities
Action Group

ProtectCalgary.com

MLA Calgary-Elbow: Samir Kayande



Association Business – Financial Report

CRCAG Financial Report for January 1, 2023 to
June 10, 2025

Legal Status

CRCAG:

- is a society created under the *Societies Act* (Alberta)
- is a non-profit organization and generally exempt from tax
- is not a charity and charitable receipts cannot be issued for donations



Association Business – Financial Report 2023-2025

Donations & Expenses

Donations (income) & Expenses	Jan –Dec 2023	Jan – Dec 2024	Jan – June 10, 2025
Donations (interest income)	\$0	\$0	\$0
Total:			
Expenses:			
Communication	\$3,962	\$2,093	\$974
Liability insurance	\$3,200	\$3,389	\$0
Legal fees	\$5,617	\$826	\$0
Meeting expenses	\$2,286	\$0	\$0
Bank fees	<u>\$91</u>	<u>\$45</u>	<u>\$4</u>
Total Expenses:	\$15,156	\$6,353	\$978
Excess/(deficiency) of Donations over Expenses	<u>(\$15,156)</u>	<u>\$(6,353)</u>	<u>(\$978)</u>



Association Business – Financial Report 2023-2025

Balance Sheet

CRCAG Balance Sheet	As of November 8, 2023 (Last AGM)	As of December 31, 2023	As of December 31, 2024	As of June 10, 2025	
Assets (unrestricted cash and undeposited cheques)	\$74,932	\$66,472	\$60,115	\$59,138	
Liabilities	\$-	\$-	\$-	\$-	
Net Assets (assets minus liabilities)	\$74,932	\$66,472	\$60,115	\$59,138	

Association Business – Financial Report 2023-2025

Donations & Expenses – Budget for 2025

Donations (income) & Expenses for	June 10, 2025 – Dec 2025
Donations (interest income) Total:	\$0
Expenses:	
Communication	\$2,500
Liability insurance	\$3,400
Legal and professional fees	\$2,000
Tax penalties and interest (CRA voluntary disclosure)	\$0
Meeting expenses	\$2,000
Bank fees	<u>\$100</u>
Total Expenses:	\$10,000
Excess/(deficiency) of Donations over Expenses	<u>(10,000)</u>
Opening Cash – June 1, 2025	\$59,137
Budgeted Cash – December 31, 2025	<u>\$49,137</u>

Association Business – Resolutions

Minutes from November 8, 2023 annual general meeting

1. The minutes from the annual general meeting held on November 8, 2023 are hereby approved without any further action or reading.



Association Business – Resolutions

Financial Statements and Budget

1. The following financial statements for the periods are hereby approved.

January 1, 2023 to December 31, 2023

January 1, 2024 to December 31, 2024

January 1, 2025 to June 10, 2025

2. The Budget for the period June 10, 2025 to December 31, 2025 covered herein is hereby approved.

Association Business – Board of Directors/Resolutions

CRCAG Succession Planning

- Resignations
 - Brenda Leeds Binder KC
 - Greg Johnson
 - Simon Geoghegan
- New board members — none
- Call for additional board members

Approval of Board

1. The Board of Directors is hereby approved.

Association Business – Resolutions

Adjournment of the formal part of AGM

1. The annual general meeting is hereby adjourned.

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2025 AGM package



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Alberta Agriculture and Irrigation

- **Water Infrastructure Operations Branch
Background**
- **Springbank Offstream Reservoir Project
Overview and Operations**

John Conrad/ Javid Iqbal

June 16, 2025

Water Infrastructure and Operations Branch

Background



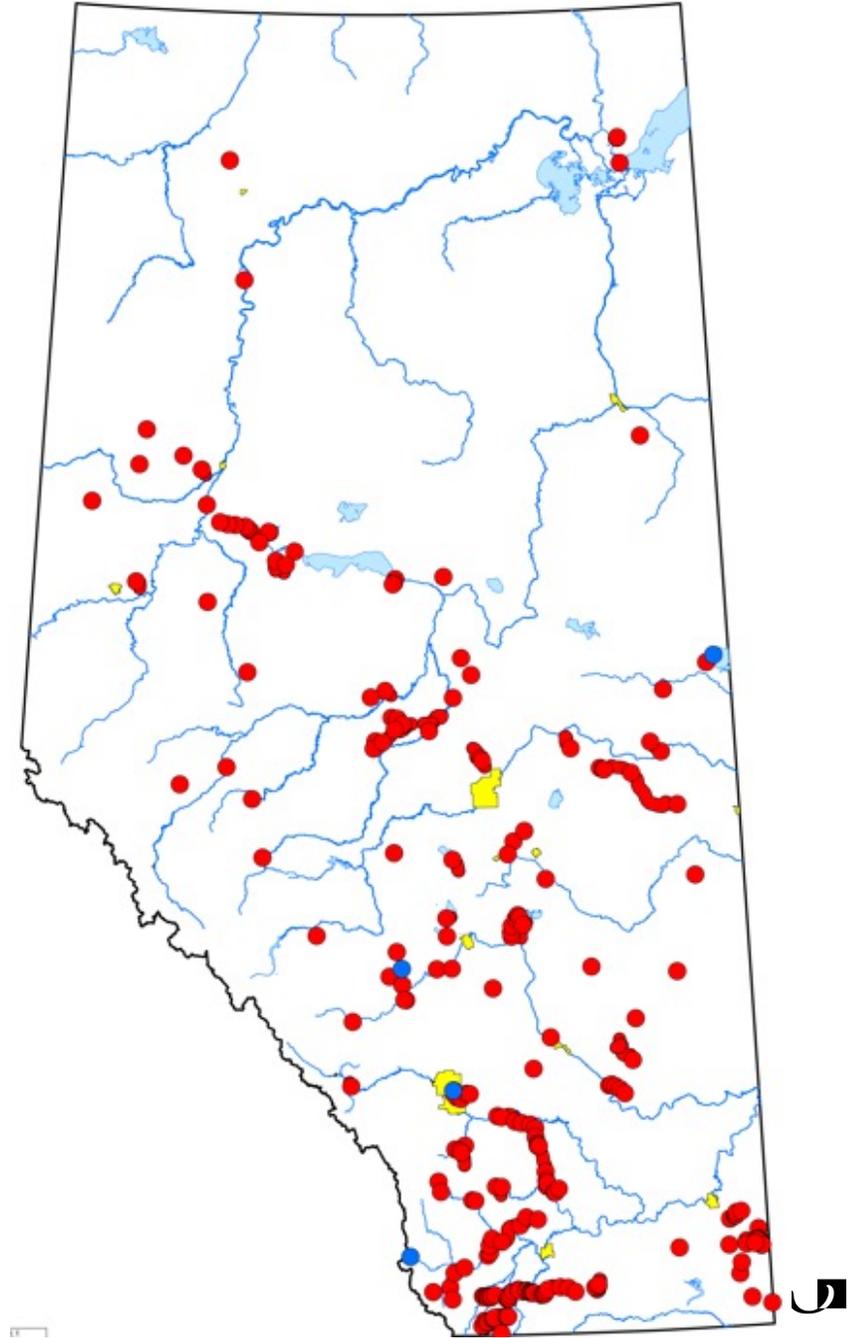
What does the WIOB Operate and Maintain?

- WIOB operates and maintains
 - 30 dams with High, very High and Extreme consequence classification
 - 50+ additional dams with Significant, or Low consequence.
 - ~ 350 km of major irrigation headworks canals
- Current estimate of replacement value is ~\$11 Billion

Infrastructure Distribution

From Ft. Chip to Montana Border
From SK Border to BC border

- Bulk by value is south of Calgary



What the Infrastructure is for?

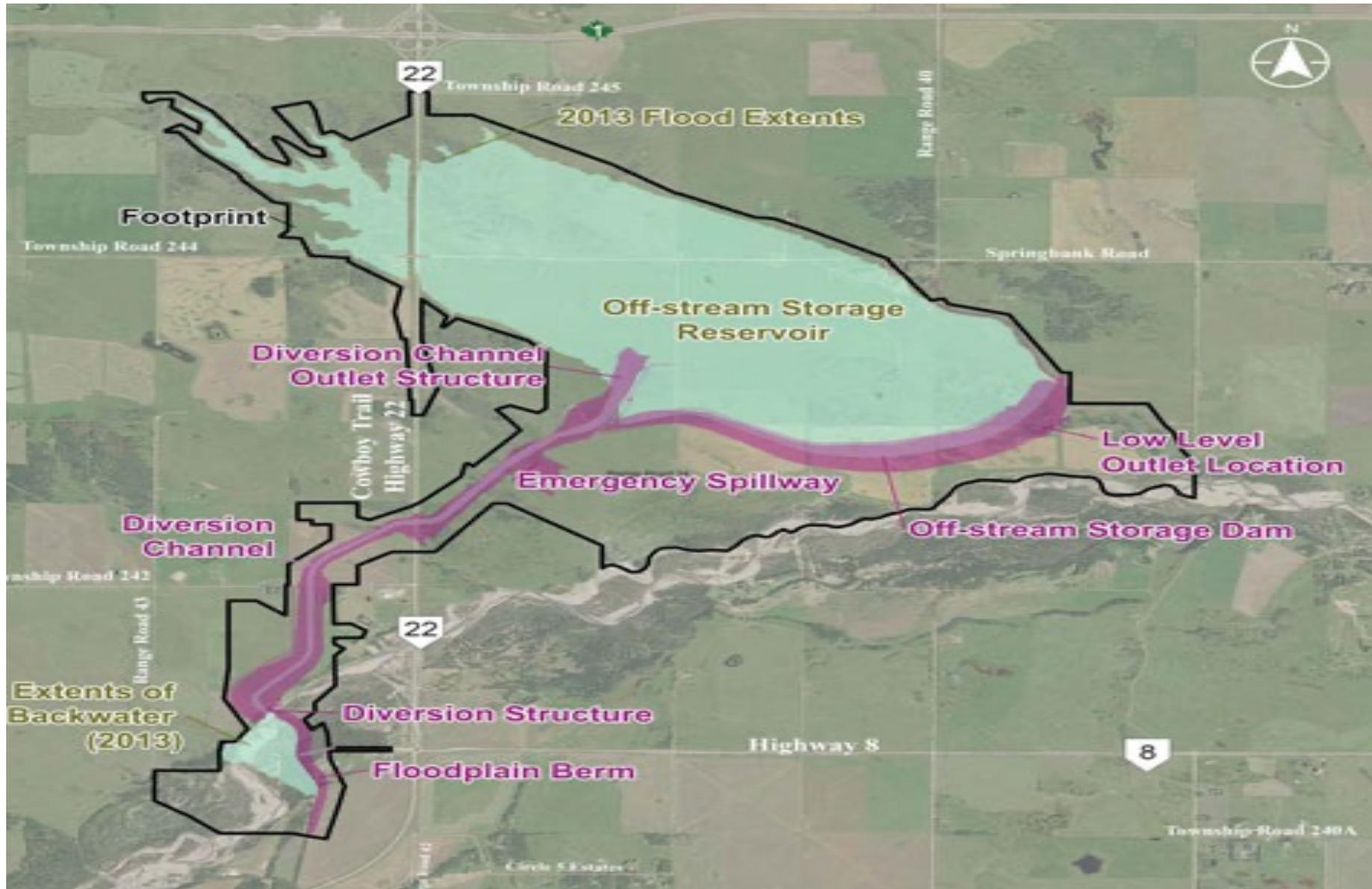
- Water Supply for Irrigation
- Water Supply for Communities and Industry
- Drought / Flood mitigation
- Rural Drainage Systems
- Habitat Enhancement and Protection, and Lake Stabilization
- Power Generation – Third Party

Springbank Offstream Reservoir

Overview, Operations and Governance



Project Overview



Major Project Components



**Elbow River Diversion Structure and
Floodplain Berm - 1.3 km**

Major Project Components



Diversion Channel

Major Project Components

Concrete Emergency Spillway



Concrete Inlet Control Structure

Major Project Components



Main Dam – 3.8 km long and 29 m high



Concrete Inlet and Outlet Structures

Major Project Components



Dry Reservoir – 77 Mm³ Capacity

Project Commissioning

- **Testing equipment and training staff**
- **Preparation of documentation**
 - **Operations, Maintenance & Surveillance (OM&S)**
 - **Emergency Management Planning (EMP)**
 - **Coordinated Flood Operations Plan (CFOP)**

General Operating Philosophy

- **Elbow River flows exceeding 250 m³/s – Flood Diversion**
- **Up to 600 m³/s diversion until the reservoir is full (77Mm³)**
- **Between SR1 and Glenmore Reservoir Dams**
 - **Enough storage to contain a 2013 flood on Elbow River**
 - **Limited flooding downstream of Glenmore Dam – Calgary**
- **The stored water will be released back to Elbow River when the flood has subsided (generally less than 160 m³/s)**

Identified Committees and Working Groups

- **Joint Operations Planning Committee AGI/CoC**
 - **Operations and Safety Management**
- **Land Use Plan Committees**
 - **Land Use Planning and Implementation**
 - **Environmental Monitoring**

Dry Operations and Maintenance

- **Annual Operational Readiness**
 - **Pre-season operational planning updates and drills**
 - **Pre-season equipment testing and maintenance**
 - **Emergency management updates and drills**

Flood Operations and Monitoring (24/7 during event)

- **Monitoring, Communication and Notification**
 - **Surveillance and instrumentation**
 - **Weather forecast and river flow**
 - **City of Calgary (Operations and Emergency Management)**
 - **Diversion and reservoir levels (if diverting)**
 - **Debris management (@ diversion and reservoir)**
 - **Emergency maintenance and backup equipment**

Post-Flood Operations and Cleanup

- Reservoir drawdown requirement – 40 days
 - Dam safety monitoring, surveillance and communication
 - Ongoing public access and safety management
 - Remediation requirements
 - Silt and debris management
 - Potential impacts (within the project footprint and inundated areas downstream)
- Infrastructure inspections and operational debriefs



Thank You!

Questions

CRCAG Position Statement on Bow River options

CRCAG AGM, June 16, 2025

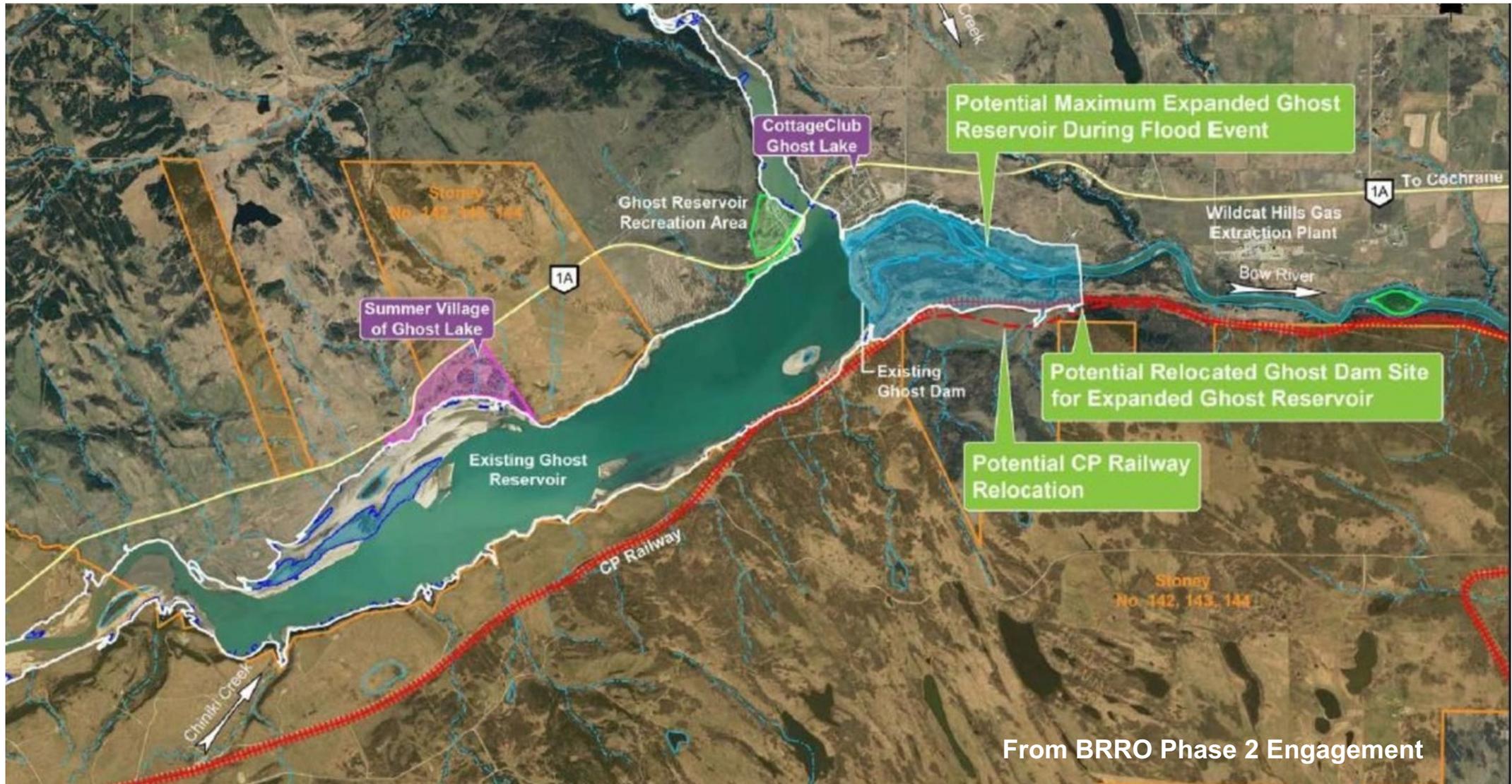
Charlie Lund, CRCAG Director

BRRO Phase 2 Selects Relocated Ghost Dam Option

- Bow River Reservoir Options (BRRO) project has four phases:
 - Phase 1: Conceptual Assessment
 - Phase 2: Feasibility Study
 - Phase 3: Detailed Design and Engineering and Regulatory Approval
 - Phase 4: Construction
- In Phase 2, for each option, the study looked at:
 - technical feasibility
 - effectiveness in mitigating flood and drought risk, while also providing water management flexibility
 - potential impacts on communities, the environment and infrastructure
 - costs and potential benefits
 - additional engagement opportunities for Indigenous groups, stakeholders and the public
- Relocated Ghost Dam Option selected over two others under consideration.



Remove existing Ghost Dam and build new several km downstream



Relocated Ghost Dam / Reservoir Capability / Future Plan

- Larger reservoir capacity due to increased area and new low level outlets
- Relocated Ghost Dam will protect against a 1:75 flood (1850 m³/s) with a maximum Calgary flow of ~1230 m³/s.
- Phase 2 (feasibility) was complete by September 2024. Release of the formal report could occur at any time.
- Transportation and Economic Corridors (TEC) is ready to take the lead role with Phases 3 and 4 (detailed design and construction) when AEPA formally hands over the project.
 - ~10+ year estimate with multiple approvals required
- Rapid Drawdown capability could increase flood protection potential
 - Unclear if Rapid Drawdown is part of the Phase 2 design.



CRCAG Position: Flood Protection Goals Defined

- CRCAG will continue to advocate for flood protection for all Bow River communities to a 1:200 year scale flood event
 - Larger than the Provincial Flood Standard of 1:100
 - Protection for a future where larger floods could become more frequent and what is now a 1:200 flood becomes a 1:100
- Peak flow should not exceed 800 m³/s to avoid property damage
 - Some Bowness residences and businesses will experience flood damage if river flows exceed 800 m³/s
 - **All upstream infrastructure on the Bow River must be evaluated with 800 m³/s as the maximum peak allowable flow.**
 - All communities need to know the flood protection to be provided

CRCAG Position: Support the Relocated Ghost Dam Option

- Advance the Relocated Ghost Dam Option.
 - CRCAG supports the Government's decision to move forward to Phase 3: Engineering and regulatory approval for the Relocated Ghost Dam option
 - CRCAG urges the Province to execute on Phase 3 without delay
 - Protection to 1:75 at 1230 m³/s max flow falls short of goal: 1:200 floods at 800 m³/s max flow
 - The Relocated Ghost Dam is the best available option deemed feasible
 - Will provide some protection at 800 m³/s max flow.
 - The forthcoming Phase 2 BRRO report should provide more details on protection capability.

CRCAG Position: Find other projects for protection goal

- Continue to look for additional projects
 - Relocated Ghost Dam option alone will not provide full flood protection to every Bow River community
 - CRCAG will continue to advocate for the Government to determine one or more additional projects, or an alternative project, to achieve flood protection for all of Calgary for a 1:200 year flood event
 - An example is the BRFM Benchlands Reservoir and Pumped Storage Hydropower Project to be evaluated as part of the Alberta Water Storage Opportunities Study.
 - No other projects on the horizon at this time

CRCAG Position: Flood maps should reflect reservoir protection

- Flood Hazard Mapping
 - The flood mitigation capability of any reservoir capacity upstream on the Bow River must be recognized in determining flood hazard characterizations in provincial flood mapping.
 - Must include flood mitigation benefits of multi-purpose reservoirs such as the Relocated Ghost Dam.
 - The province advertises the flood mitigation protection to be provided by the project so it is reasonable to expect that the same protection will be reflected in provincial flood maps.
 - This recognition must extend to the flood mitigation capability provided by the existing Modified Operations Agreement for the Ghost Reservoir in place between the Government and TransAlta – Must become permanent/evergreen.

CRCAG Position Statement on Bow River options Summary

- Advocate for flood protection to a **1:200 year flood event**
- Peak flow should not exceed **800 m³/s** to avoid property damage
 - Projects must be evaluated with 800 m³/s as the maximum peak flow.
- Advance the **Relocated Ghost Dam Option**
- **Find other projects** to meet protection goals
- Flood maps should **reflect reservoir protection**

Thank you





Calgary River Communities Action Group (CRCAG) AGM 2025

City of Calgary Presentation
May 28, 2025

Contact:

Frank Frigo
Manager, Environmental Management
City of Calgary

- Flood Resilience Plan Update
- Springbank Reservoir
- Flood Hazard Mapping
- Bow River Reservoir

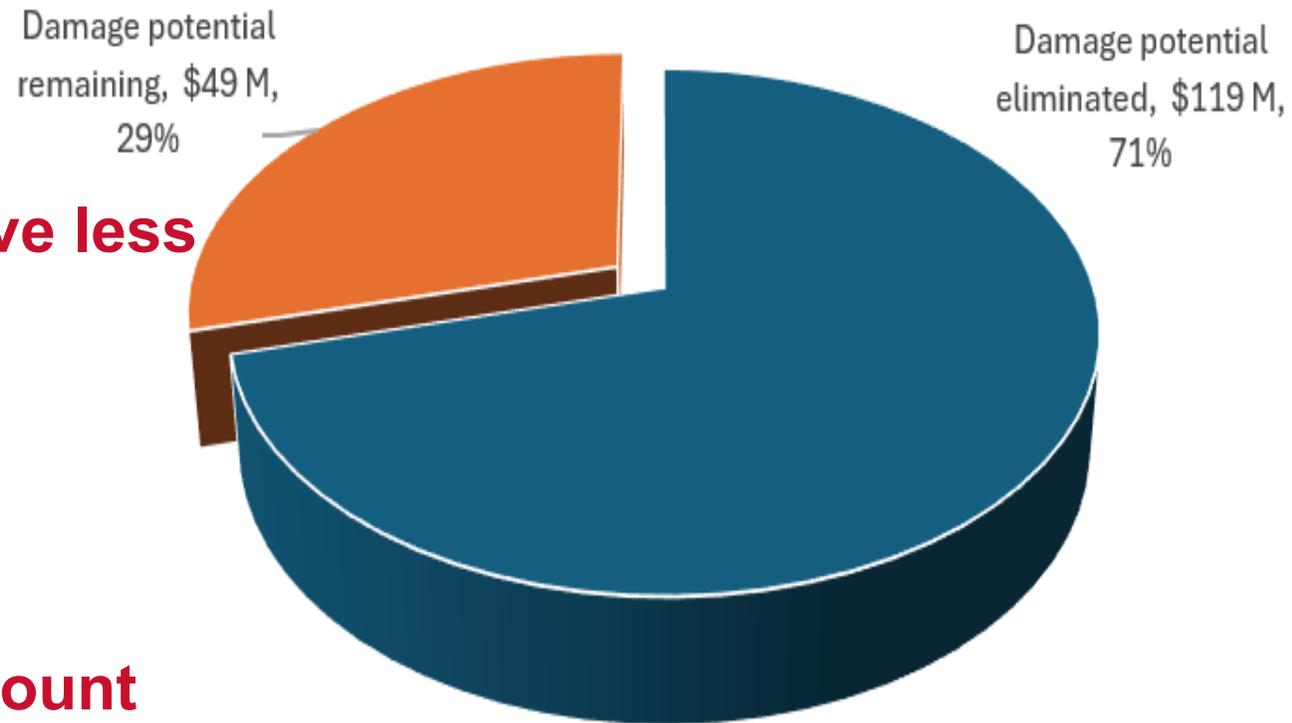




Overall Flood Resilience Progress in Calgary

- Before mitigation Calgary's Average Annual Damage exposure was \$168M / year
- 55% of risk eliminated by 2023
- 71% of risk eliminated by 2025
- Most communities in Calgary now have less than 1% probability in each year of appreciable property damage
- Reduced emergency response needs
- Sunnyside/Memorial Barrier 2026
- Flood readiness plans adapted to account for mitigation measures

Average Annual Flood Damage



Springbank Offstream Reservoir



- Can divert up to 520 m³/s from Elbow
 - Offers 78M m³ storage – 4 x Glenmore
 - 0.5% or 1:200 flood mitigated with Glenmore
 - Joint Operating Committee with GoA
 - Eliminates most Elbow River response actions
 - Simplifies Glenmore spring operations
-
- Major advancement for downstream Elbow River and Bow communities

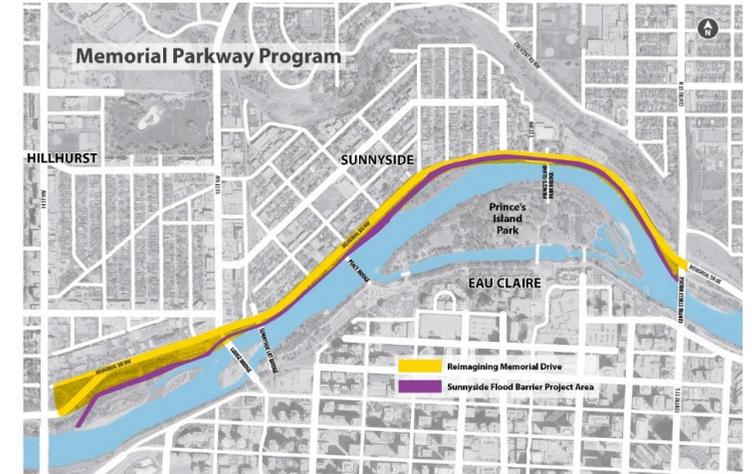




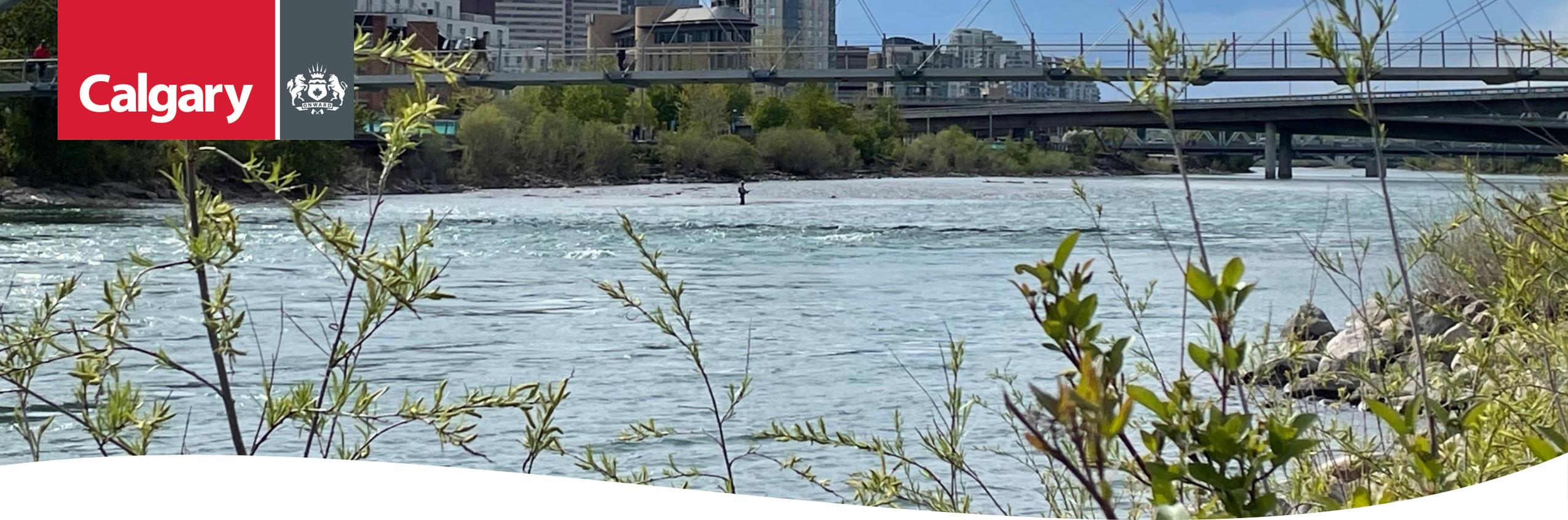
Local Mitigation Projects

Sunnyside flood barrier (City's Memorial Parkway Program)

- Construction underway
- Estimated completion: 2026

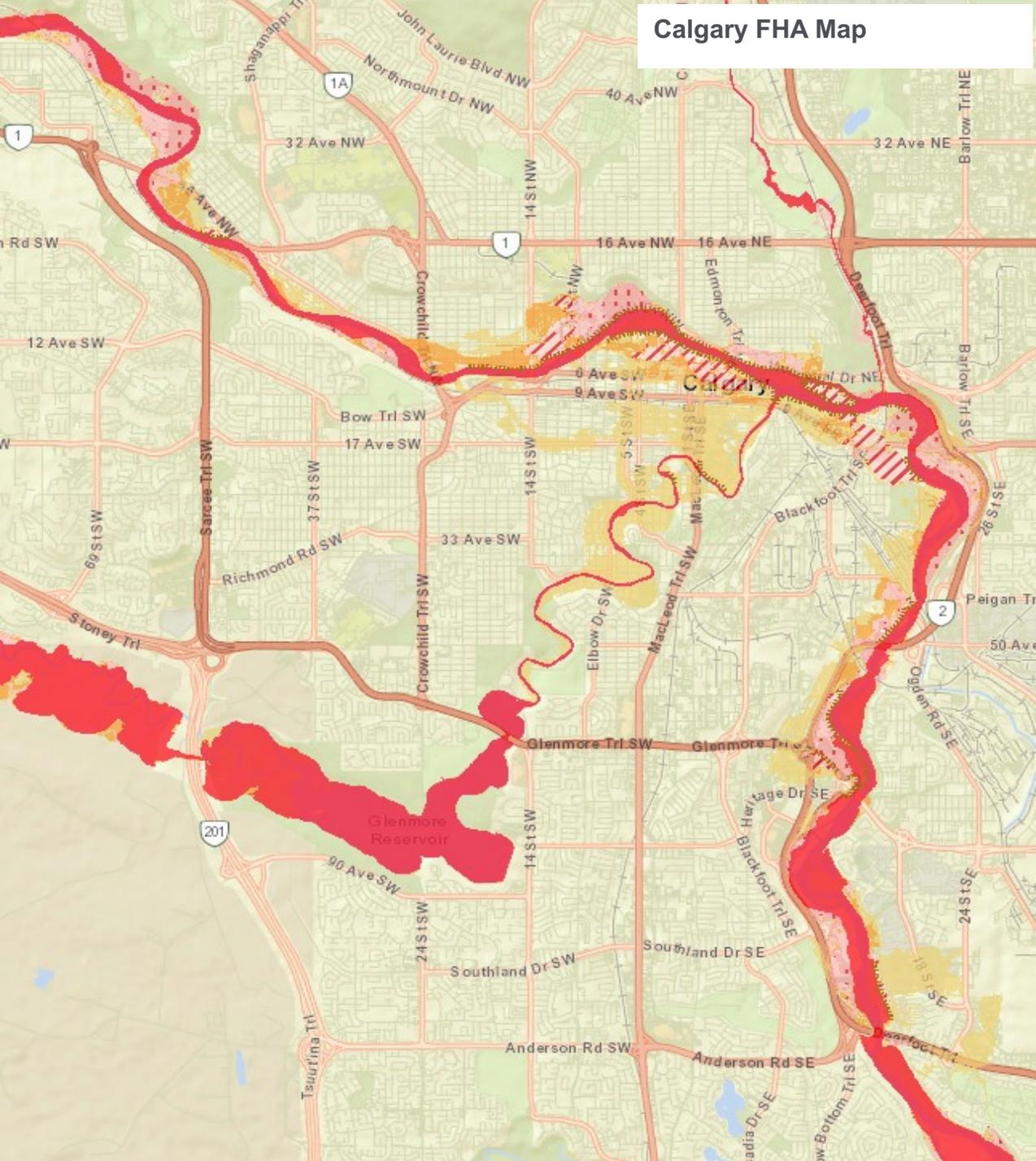


Calgary



Calgary River Valleys Project Flood Hazard Map Updates

Calgary FHA Map



New Flood Hazard Maps Available

Updated provincial flood hazard zone maps are now available.

- Calgary's updated map reflects flood mitigation, so there's lower flood risk for many areas in Calgary.
- Access at: floods.alberta.ca

Design Flood

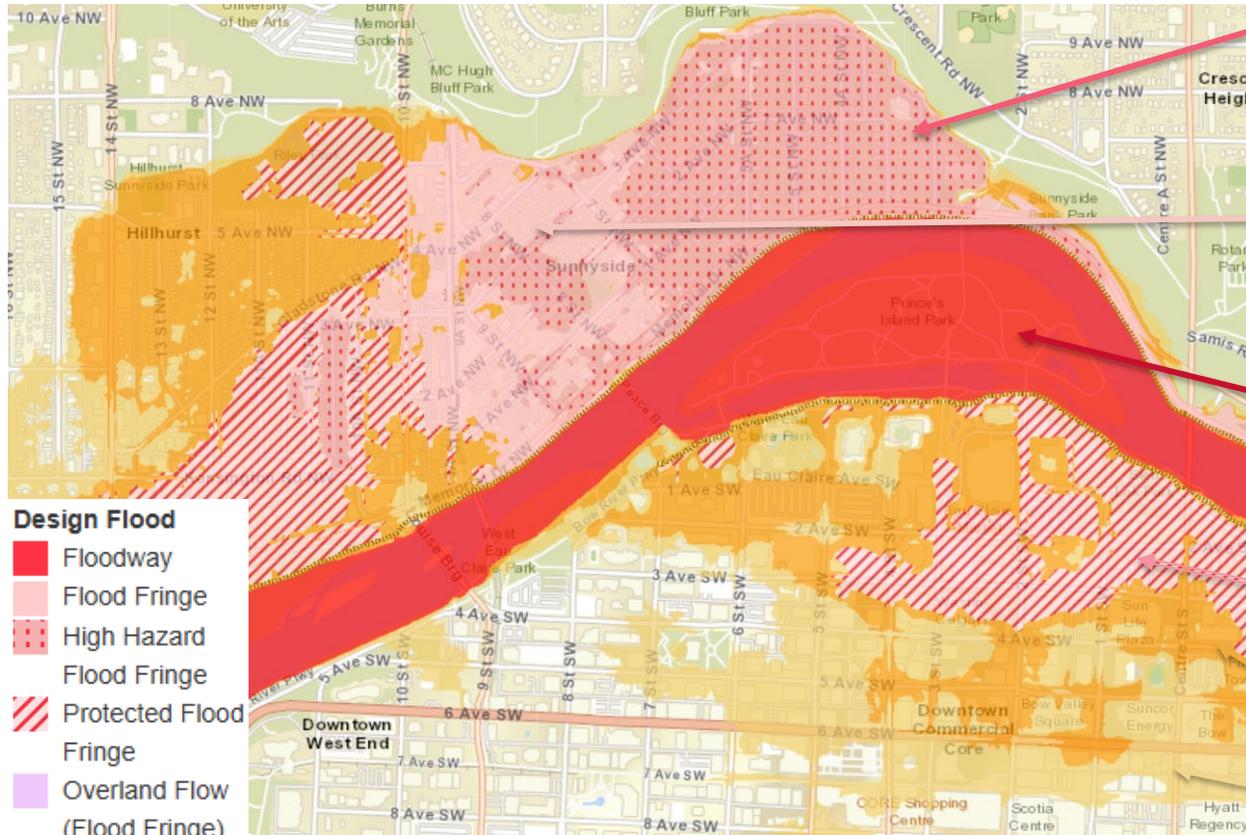
-  Floodway
-  Flood Fringe
-  High Hazard Flood Fringe
-  Protected Flood Fringe
-  Overland Flow (Flood Fringe)
-  Flood Berm

Larger Floods

-  1:200 Flood
-  1:500 Flood



New Hazard Zone Categories



High Hazard Flood Fringe (*new*)

After floodway, this zone is at most risk due to deep or fast flowing water.

Flood Fringe

The Flood Fringe is located outside of the Floodway and High Hazard Flood Fringe and would be flooded during a 1:100 year flood.

Floodway

This is the highest risk flood hazard zone, generally unsuitable for new buildings and needed to convey the design flood.

Protected Flood Fringe (*new*)

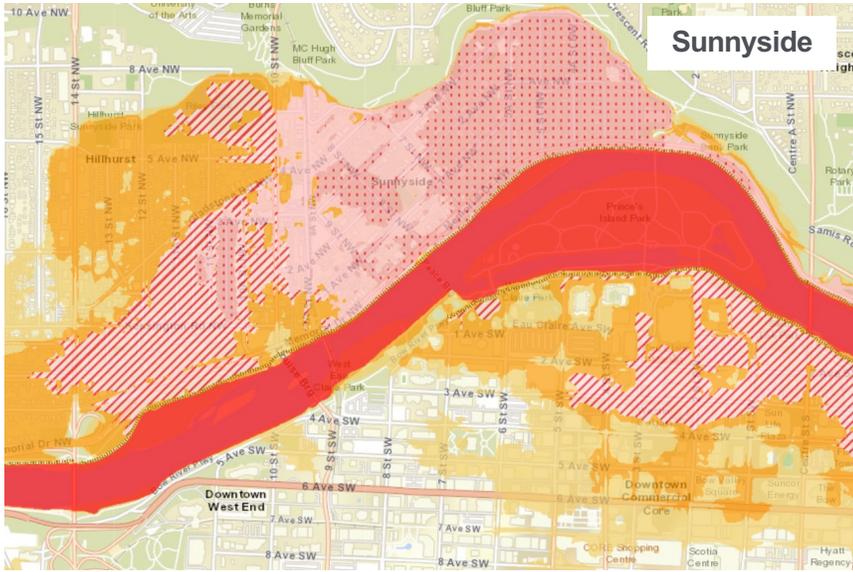
Applies to areas protected by a barrier engineered to mitigate a 1:100 event. Residual risk remains.

Flood Inundation areas greater than 1:100 (*new*)

The new mapping shows both a 1:200 and 1:500 inundation area. **This is for information only.**



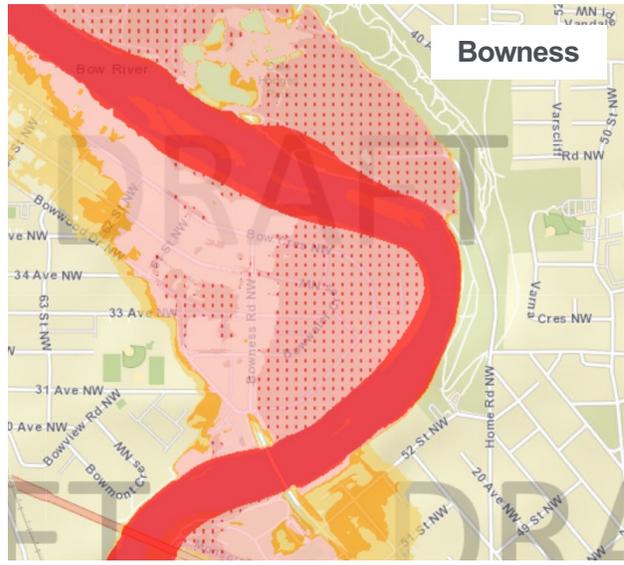
High Hazard Flood Fringe Area



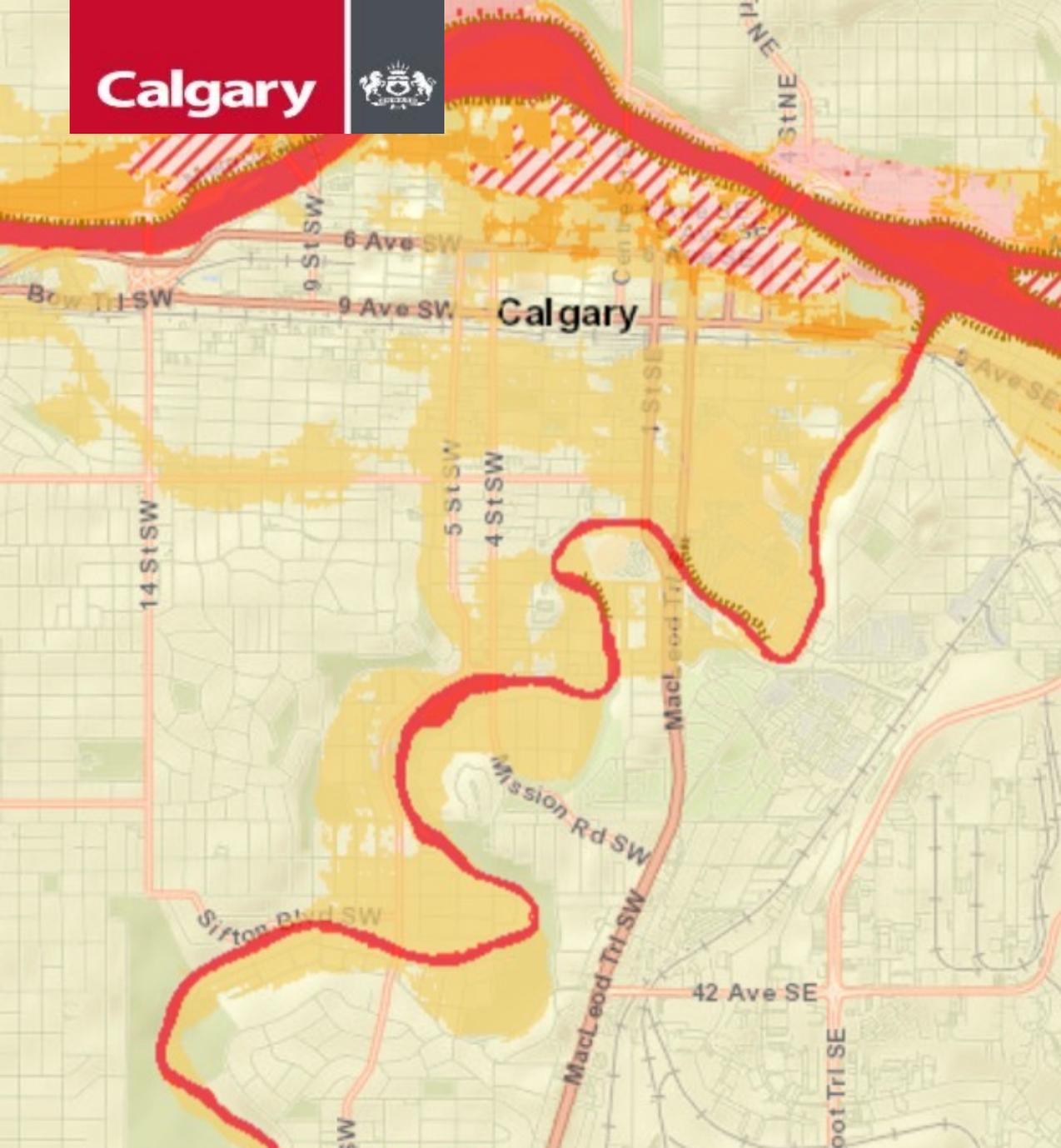
Sunnyside

- Structural mitigation under construction is not yet reflected in the new mapping. In cases, like the Sunnyside Barrier, maps reflecting the future flood barrier have been included in the background reports accompanying current maps, and will be updated upon completion.
- Parts of Bowness now have High Hazard Flood Fringe designation

- Design Flood**
- Floodway
 - Flood Fringe
 - High Hazard Flood Fringe
 - Protected Flood Fringe
 - Overland Flow (Flood Fringe)
 - Flood Berm
- Larger Floods**
- 1:200 Flood
 - 1:500 Flood



Bowness



Elbow River Mitigated

- Calgary's updated map reflects the protection provided by the new Springbank Off-Stream Reservoir
 - This reduces the flood hazard area along the Elbow River downstream of the Glenmore Reservoir, and
 - To a lesser extent along the Bow River downstream of the confluence with the Elbow.

Provincial FHA mapping includes river flood hazard only – not groundwater.

The “Calgary River Valleys Groundwater Study” will:

1. Build understanding of river-flood related groundwater,
2. Map groundwater levels during flood events in river valley areas,
3. Estimate impact and exposure, and
4. Explore options for controls.

to...

- develop a groundwater risk overlay (map)
- enable updates to land use policy with understanding of GW impacts and effective resilience measures



What's Next?

- Completing a final review of the AEPA mapping for incorporating into our City Land Use Bylaw.
- Completing Calgary River Valleys Groundwater Study and developing a Groundwater Risk Map.
- Draft regulations being developed aligned to new flood hazard areas that will:
 - Align planning and development decisions with investments in flood protection;
 - Improve clarity for applicants in flood hazard areas;
 - Address both overland and groundwater flood risks;
 - Enhance safety in high-risk areas, particularly for basement living spaces; and
 - Ensure Calgary's buildings are equipped to bounce back from increasingly severe floods as our climate changes.
 - Planning public engagement for November.
- **Updated Land Use Bylaw will be presented to Council in Q1 2026.**



Stage 3 Public Engagement

Calgary River Valleys Project Stage 3 public engagement, is planned for November 2025.

- Likely a mix of online engage portal, community-specific engagement sessions and communications.
- We'll provide information about this engagement directly with CRCAG to share with your networks.

Updates will also be shared at calgary.ca/rivervalleys

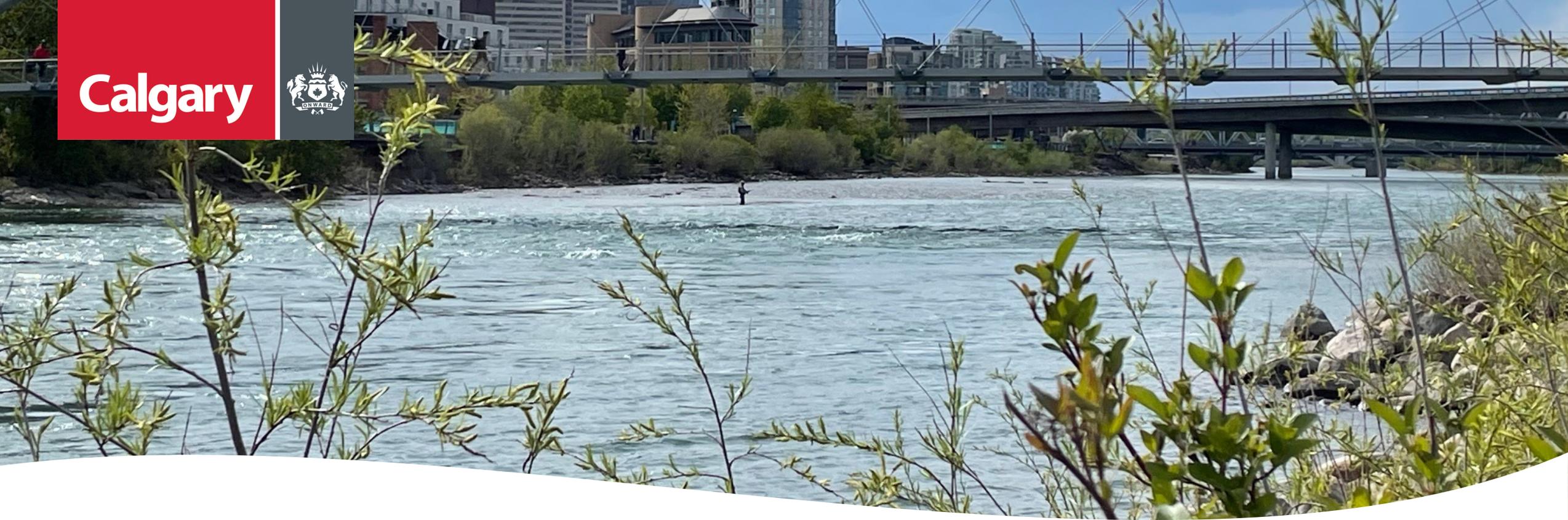


How will development reviews happen in the interim?

- City of Calgary will **continue to share the best available flood risk information with development applicants** and others to provide advisory comments for further resilience, or to permit relaxations as appropriate, as we have since 2013.



Calgary

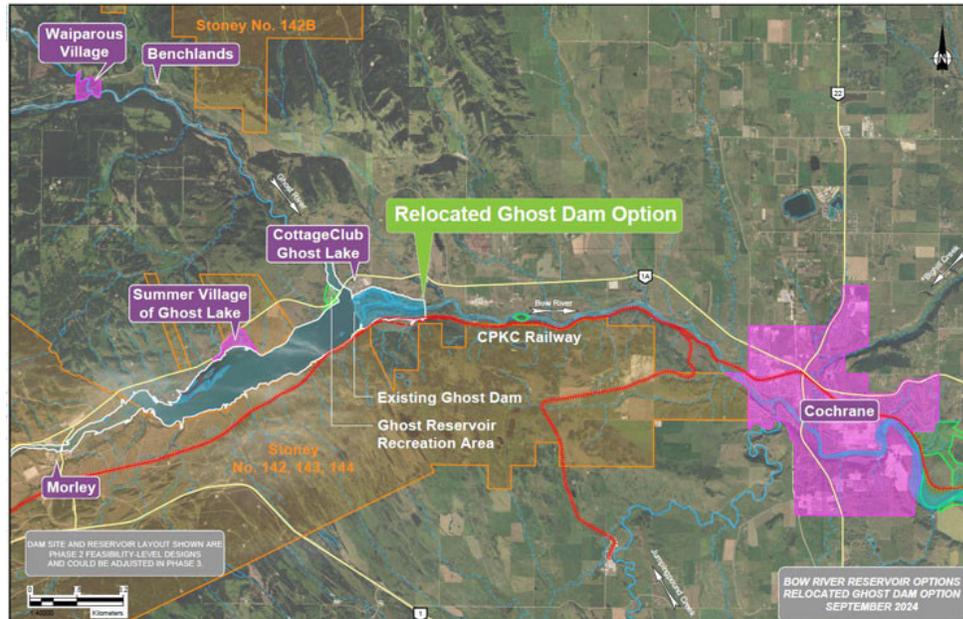


Bow Reservoir Updates



Bow River Reservoir Options

- GoA funded Phase 3 – Design/Regulatory Approval for Relocated Ghost Dam (\$13M)
- City of Calgary directly involved and strongly supportive
- If approved expecting ~10 years to operation

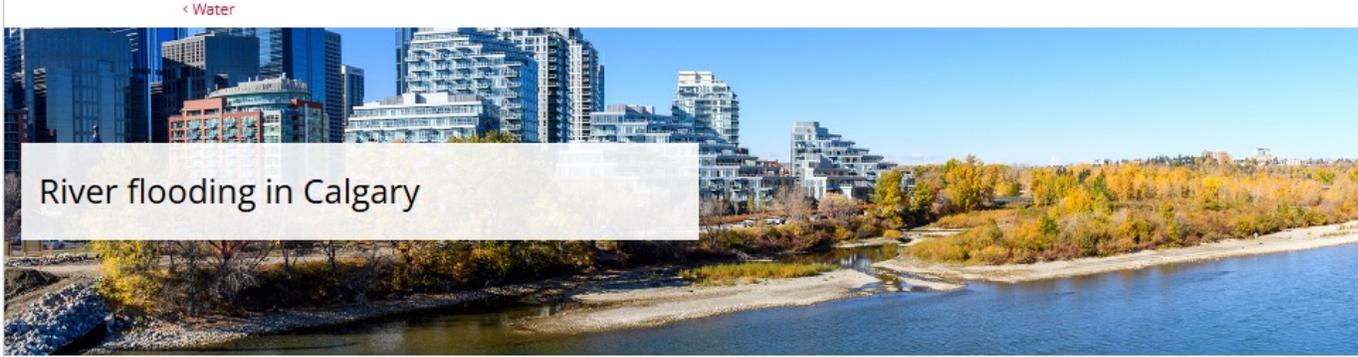


Ghost Operating Agreement

- 5-year term Ghost Operating Agreement continues for 2025
- CoC strongly supports continuation
- Level set to higher end of target range for 2025 due to low snowpack



- Flood Home**
- Flood Maps
- Prepare for Flooding
- Flood Alerts and Notices
- After Flooding
- Local Resilience Plan and Bow ...
- Commemorating the 2013 flood
- Flood Resiliency Improvements Since 2013
- Calgary 2013 Flood



Conditions for June 11: Normal spring flow on Bow and Elbow Rivers



Bow River Conditions



Elbow River Conditions

Flood dial image description v

24-hour river forecast | How we're responding | What you can do | Stay informed

- No river flooding is expected in the next 5 days.
- Current weather forecasts predict generally overcast conditions with the chance of localized showers or thundershowers through the weekend.

Next update: June 12, 2025

Conditions are updated daily in the morning, Monday to Friday (excluding stat. holidays) from mid-May to mid-July.



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Thank you!

Questions?



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John Conrad, MSM, CD, Assistant Deputy Minister, Primary Agriculture, AGI



Charlie Lund, CRCAG Board and Hillhurst-Sunnyside Community Association



Frank Frigo, Manager Environmental Management, Climate and Environment, Planning and Development Services, City of Calgary



PROTECT CALGARY

We can't afford to let this happen again



Calgary River Communities
Action Group

ProtectCalgary.com