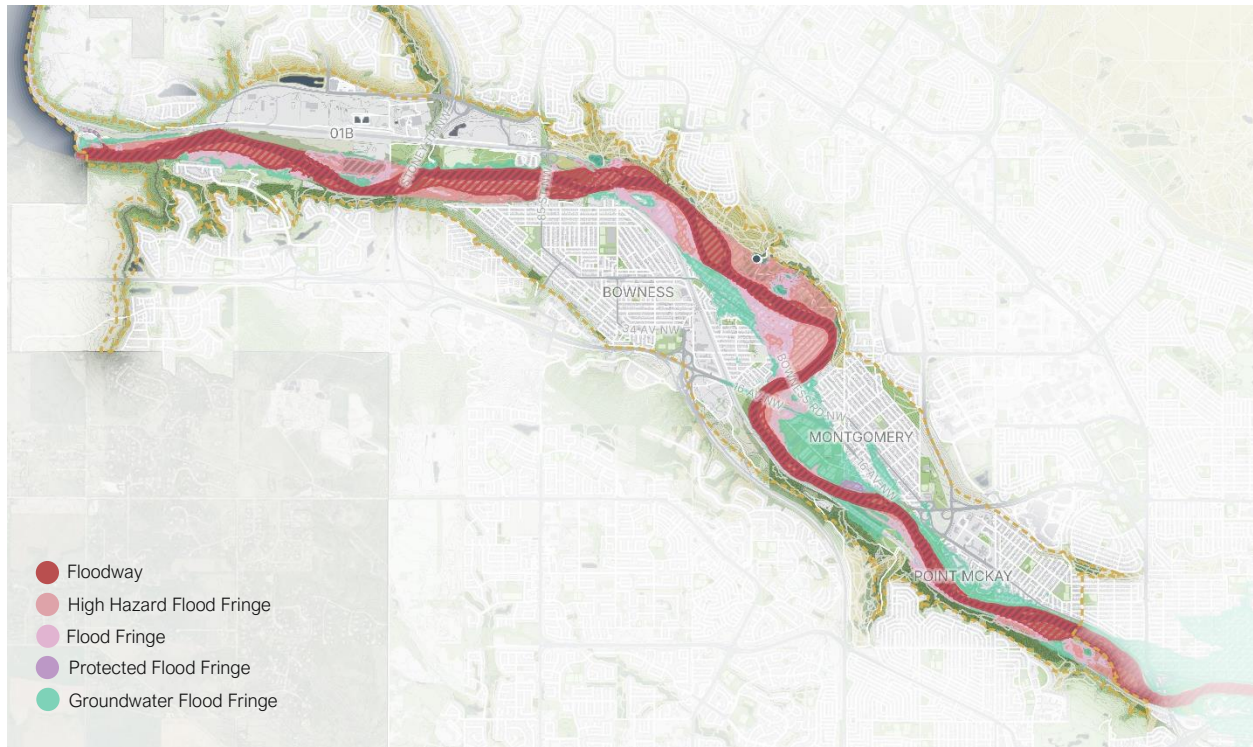


Summary of Implications by River Reach

This attachment provides additional information about the implications of new River Flood Maps by river reach, divided by Upper Bow River, Central Bow River, Lower Bow River, Elbow River, Nose Creek and West Nose Creek, and Pine Creek. Each river reach is presented as a fact sheet, and includes:

- a map,
- a list of communities found within River Flood Areas by Ward,
- a summary of changes and key impacts,
- the number of buildings per river flood map area, and
- types of buildings found in overland and groundwater flood areas.

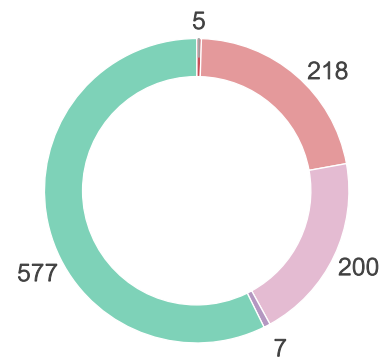
Upper Bow River



Communities by Ward

- Ward 1:** Bowness, Valley Ridge
- Ward 7:** Montgomery, Parkdale, Point McKay
- Other:** Bears paw, 12 Mile Coulee

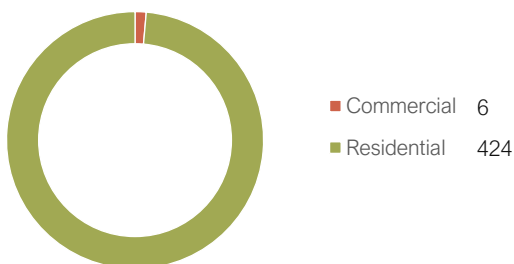
Number of Buildings in each River Flood Map Area



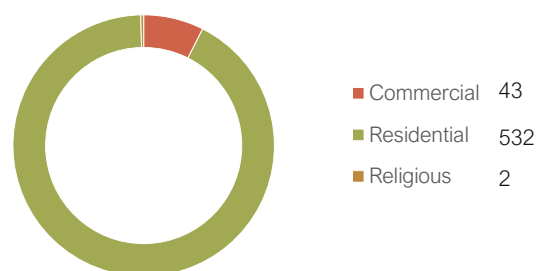
Summary of Changes & Key Impacts

- High Hazard has a large impact in the community of Bowness, where significant portion of community is both depth and velocity driven risk. Some additional properties are captured in the updated flood mapping.
- Parts of Bowness Montgomery are captured in the groundwater flood fringe.

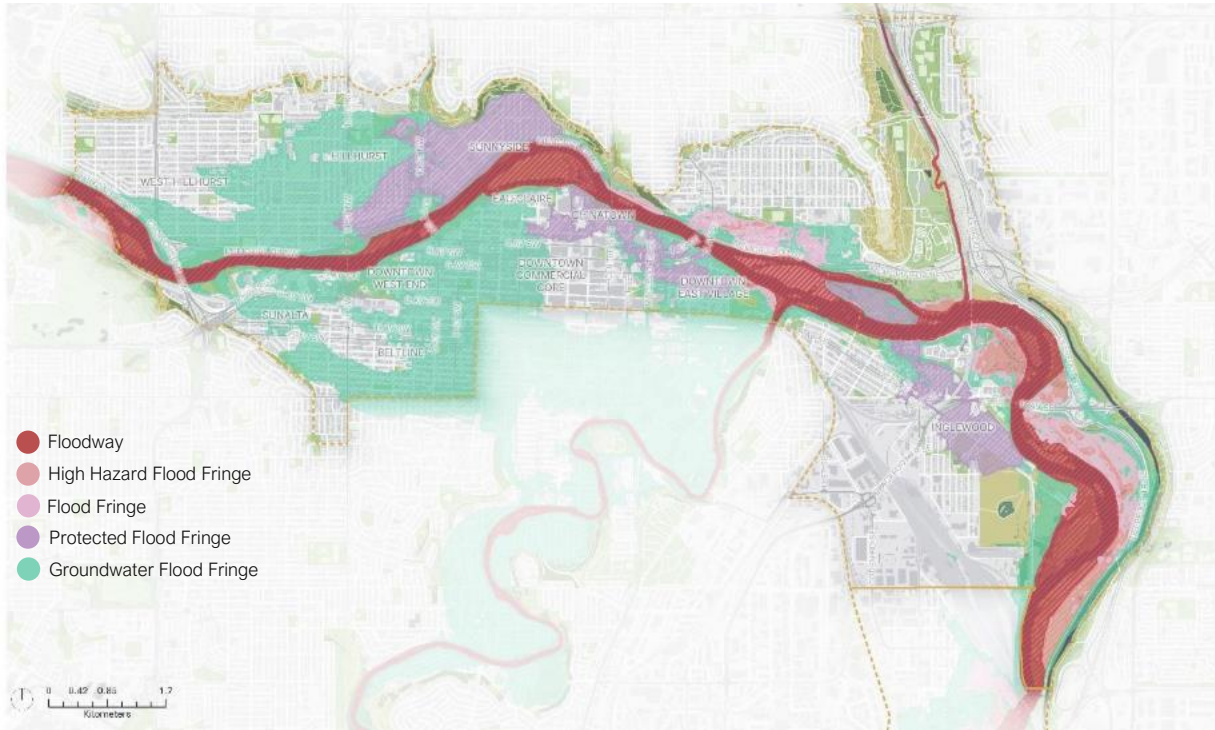
Types of Buildings in Overland River Flood Areas



Types of Buildings in Groundwater River Flood Areas



Central Bow River



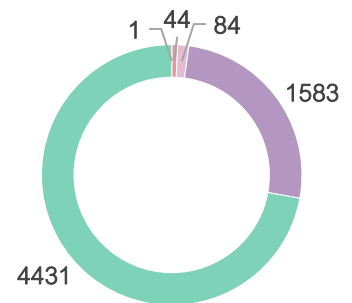
Communities by Ward

Ward 7: Greater Downtown Area, Hillhurst, West Hillhurst, Sunnyside

Ward 8: Sunalta

Ward 9: Bridgeland/Riverside, Inglewood

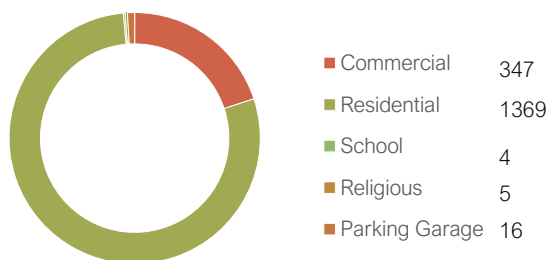
Number of Buildings in each River Floor Map Area



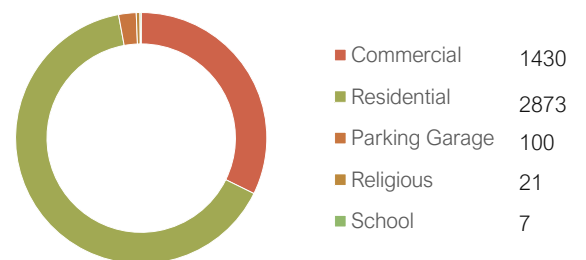
Summary of Changes & Key Impacts

- Community flood mitigation incorporated including Sunnyside, Downtown, Zoo Island and Inglewood flood barriers.
- Large groundwater extent from Downtown to West Hillhurst.

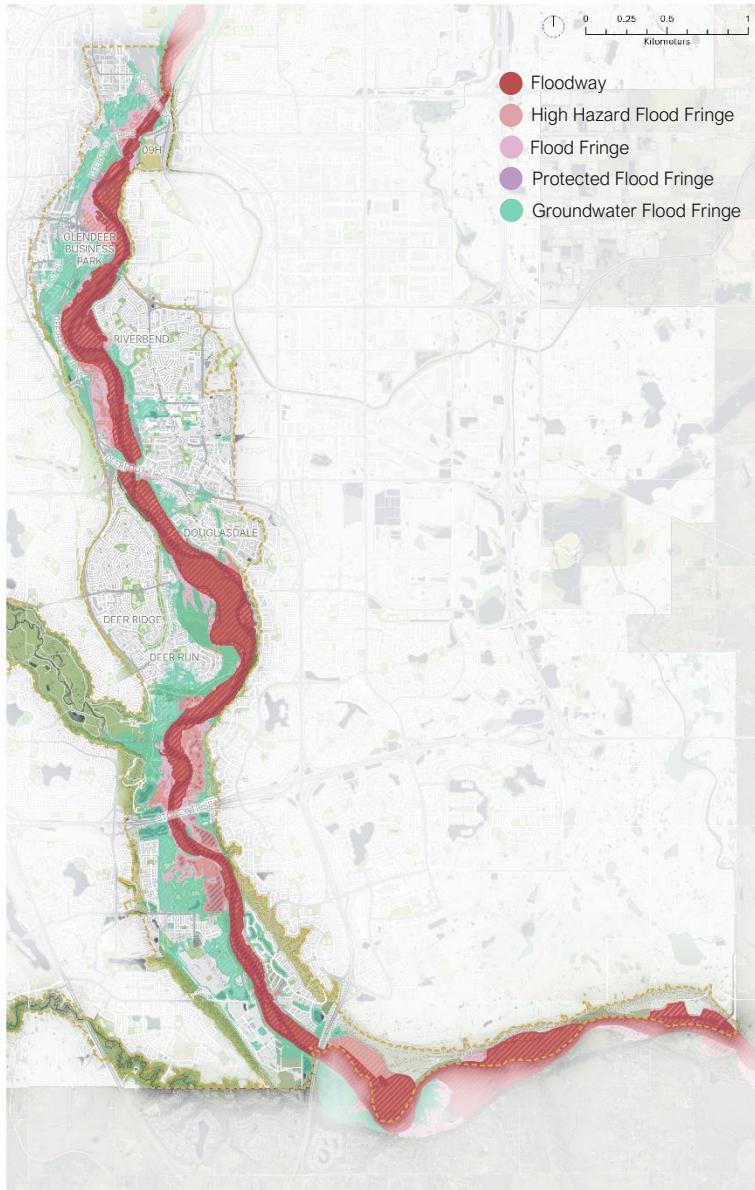
Types of Buildings in Overland River Flood Areas



Types of Buildings in Groundwater River Flood Areas



Lower Bow River



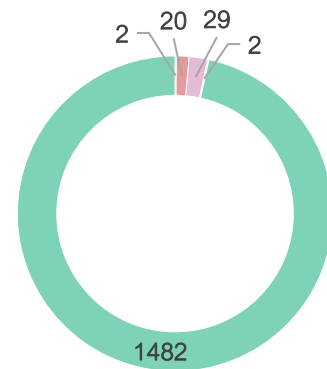
Communities by Ward

- Ward 9:** Allyth/Bonnybrook, Highfield
- Ward 11:** Douglasdale/Glen, Glendee Business Park, Riverbend
- Ward 12:** Ricardo Ranch
- Ward 13:** Pine Creek
- Ward 14:** Chaparral, Deer Run, Wolf Willow

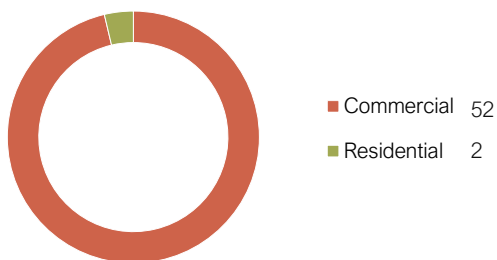
Summary of Changes & Key Impacts

- Most buildings impacted within this area are captured in the groundwater flood fringe.
- Some industrial and FUD captured in the High Hazard Flood Fringe area.

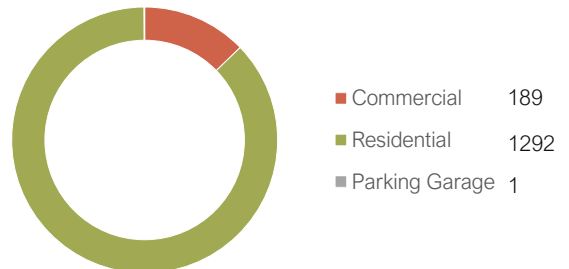
Number of Buildings in each River Flood Map Area



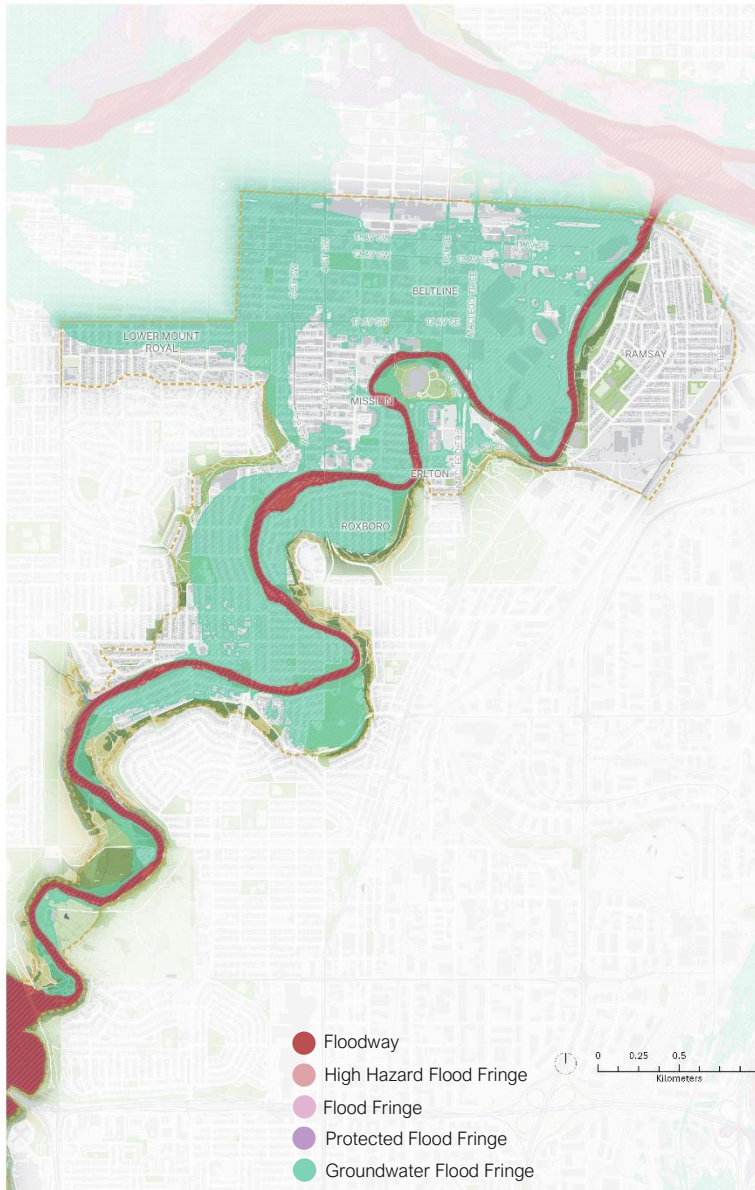
Types of Buildings in Overland River Flood Areas



Types of Buildings in Groundwater River Flood Areas



Elbow River



Communities by Ward

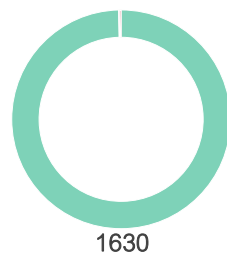
Ward 8: Beltline/Victoria Park, Cliff Bungalow, Elbow Park, Elboya, Erlton, Lower Mount Royal, Mission, Rideau Park, Roxboro

Ward 9: Ramsay

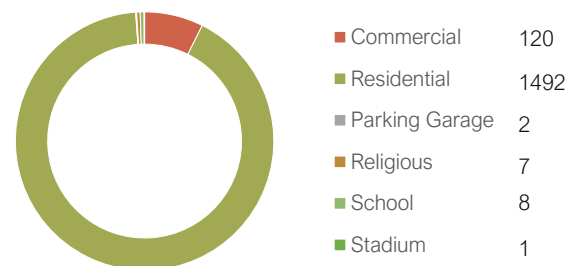
Summary of Changes & Key Impacts

- The Springbank Off-Stream Reservoir (SR1) began operations in 2025. Communities on the Elbow River downstream of the Glenmore Reservoir are now protected from floods up to 1:200.
- The floodway has decreased in this area—retaining a setback is critical to addressing development encroachment.
- Groundwater is a key residual risk. Areas previously captured as “flood fringe” or “overland” are now in the groundwater flood fringe, with some new areas through Beltline captured as well.

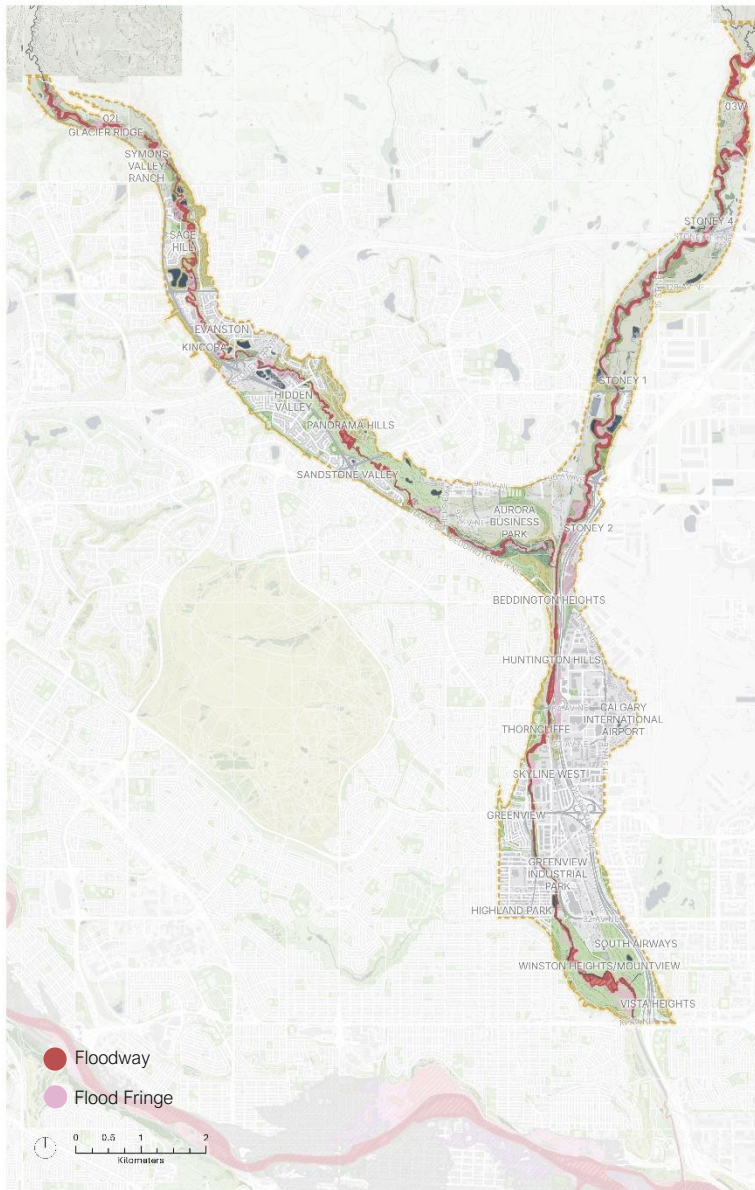
Number of Buildings in each Flood Area Category



Types of Buildings in Groundwater River Flood Areas



Nose Creek and West Nose Creek



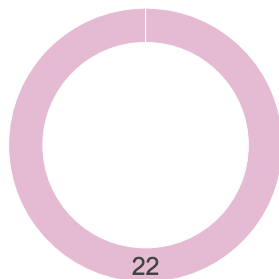
Communities by Ward

- Ward 2:** Evanston, Glacier Ridge, Kinross, Sage Hill, Symons Valley Ranch
- Ward 3:** Aurora Business Park, Hidden Valley, Panorama Hills, Sandstone Valley
- Ward 4:** Beddington Heights, Greenview, Greenview Industrial Park, Highland Park, Huntington Hills, Skyline West, Thorncliffe, Winston Heights/Mountview
- Ward 5:** Calgary International Airport
- Ward 10:** McCall, South Airways, Vista Heights

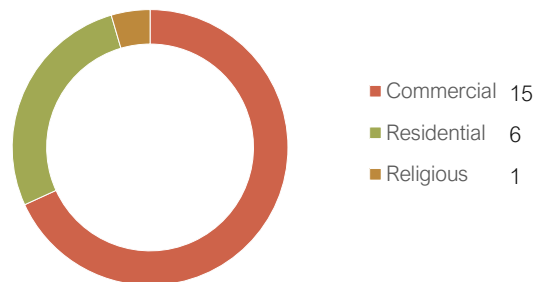
Summary of Changes & Key Impacts

- Only floodway and flood fringe areas exist along Nose Creek and West Nose Creek. Groundwater flood fringe has not been mapped for creeks.
- These areas have not changed significantly since 2012 mapping.
- Flood areas impact a small number of buildings.

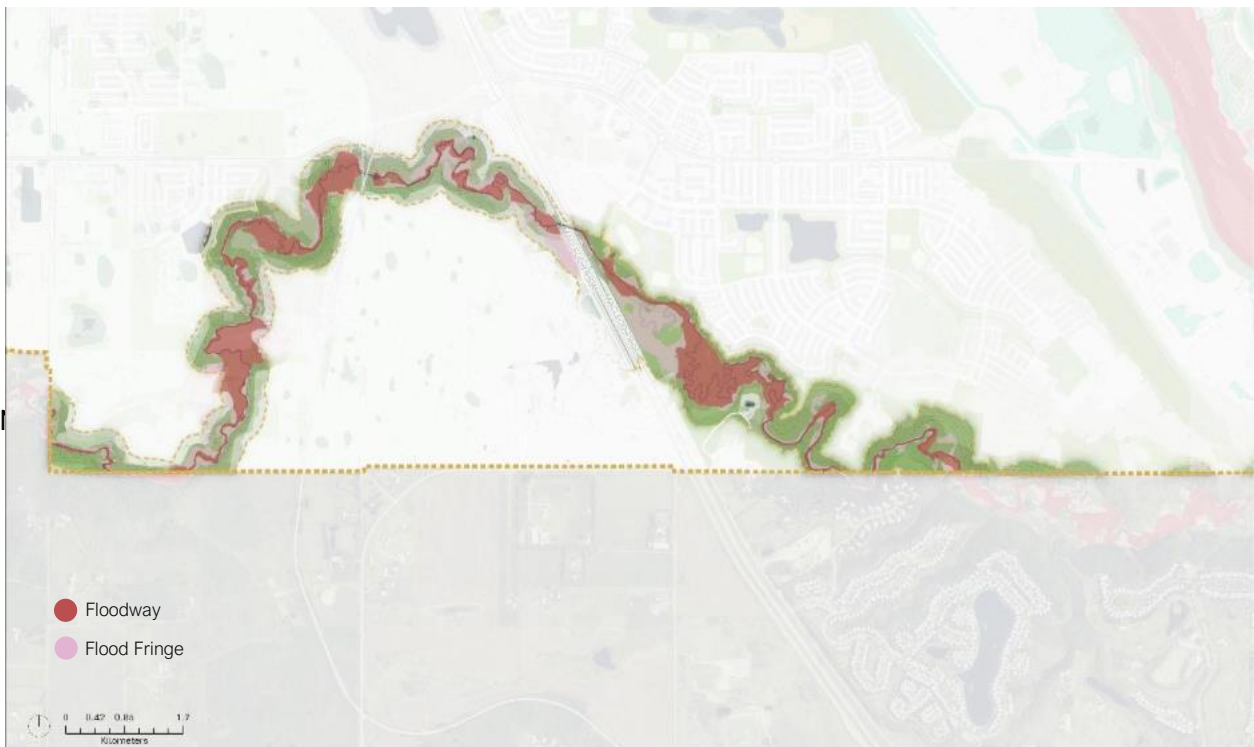
Number of Buildings in each River Flood Map Area



Types of Buildings in Overland River Flood Areas



Pine Creek



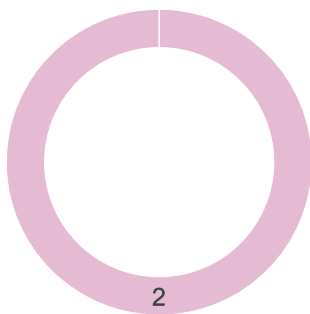
Communities by Ward

Ward 13: Pine Creek

Summary of Changes & Key Impacts:

- Only floodway and flood fringe areas exist along Pine Creek. Groundwater flood fringe has not been mapped for creeks.

Number of Buildings in each River Flood Map Area



Types of Buildings in Overland River Flood Areas

