

# Non-Potable Water Supply - Status

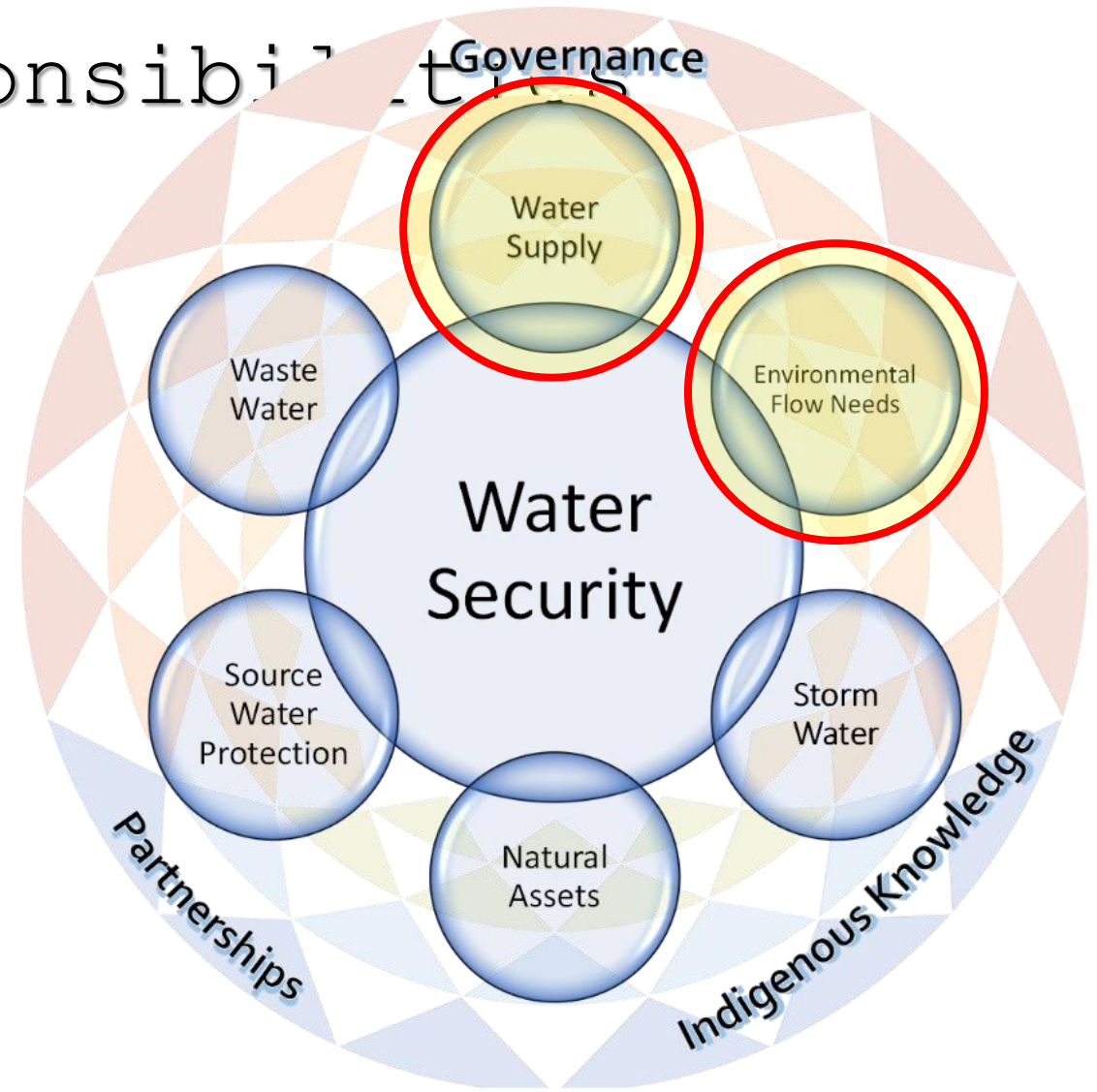
Presentation to AAC – May 9, 2024

# Outline

- Water Security/Responsibilities
- Drought update
- Discussion

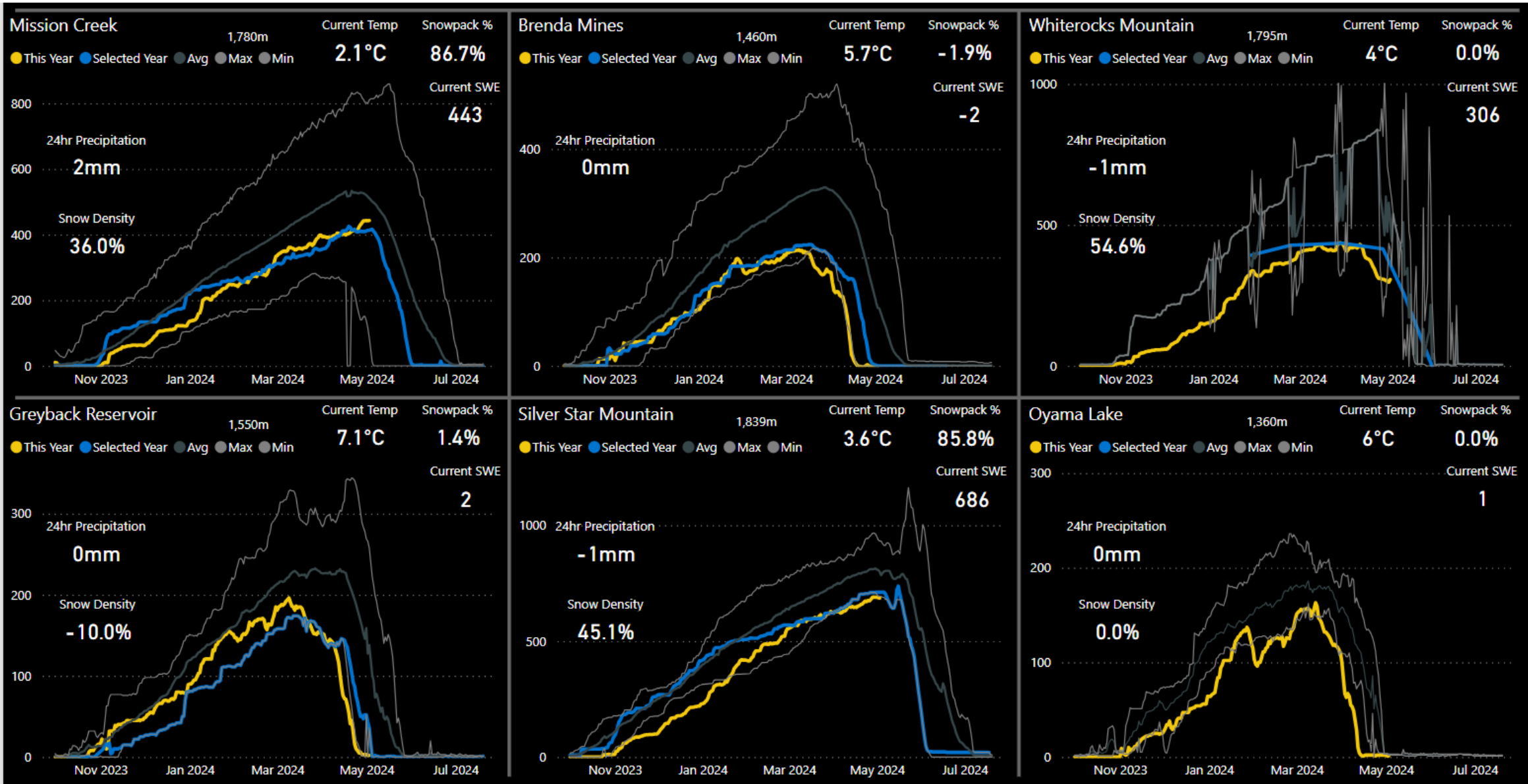
# Water Security/Responsibility Principles

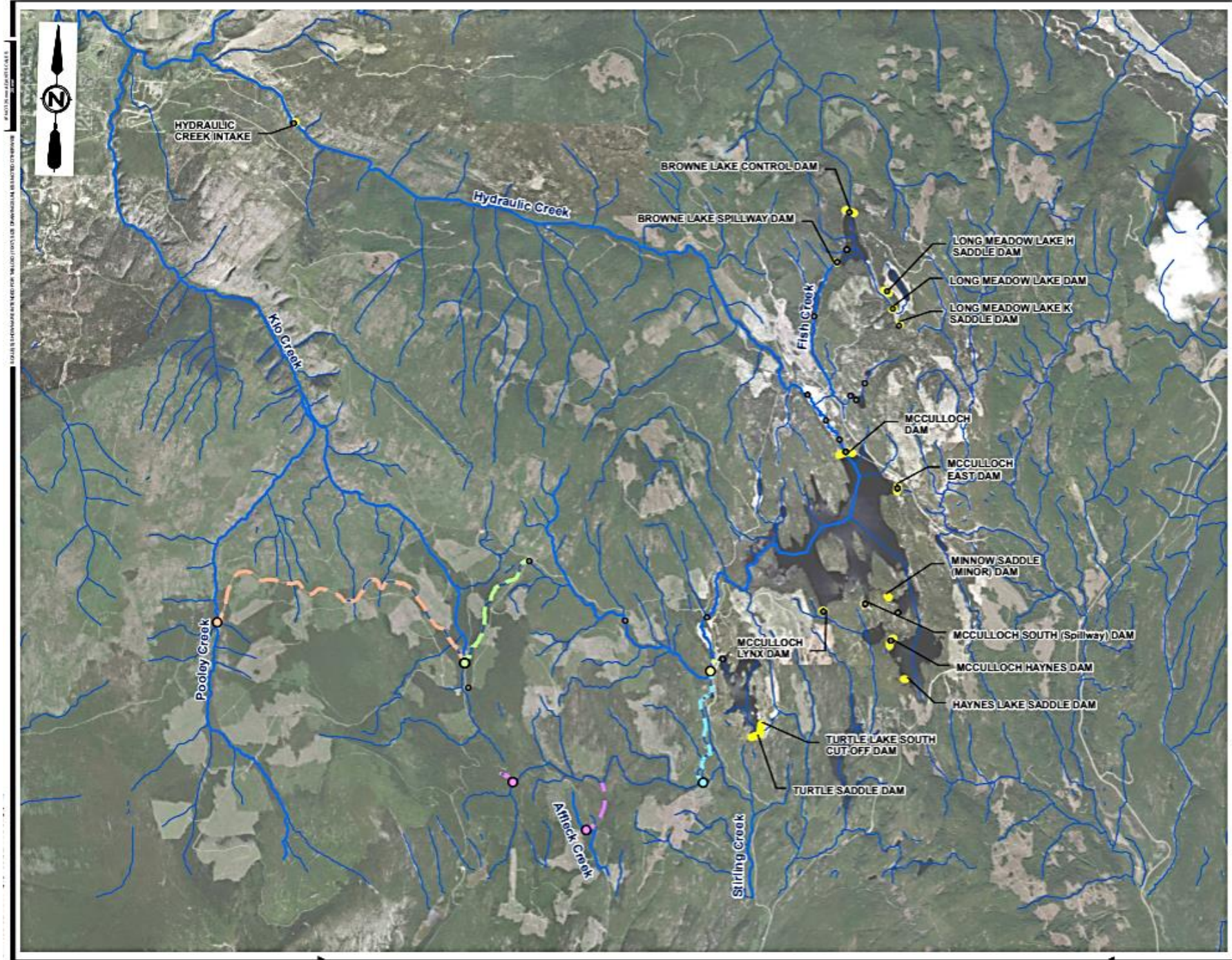
**Principle 1:** "All residents and water users in the City have a safe, affordable, resilient and sustainable supply of high-quality drinking water and a reliable supply of water for agriculture.  
**Principle 7:** "Assure that the quality and quantity of water is available to support a healthy aquatic ecosystem."



# Snowpacks

2024  
2019





**LEGEND:**

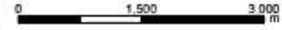
- Dams
- Stream Network
- Water License Points of Diversion
  - Affleck Creek Diversion
  - KLO (Myra) Creek Diversion
  - Poolley Creek Diversion
  - Lower Stirling Creek Diversion
  - Upper Stirling Creek Diversion
  - Turtle Lake Diversion
  - Other Water Licenses
- Diversion Ditch
  - - - Affleck Creek Diversion Ditch
  - - - KLO (Myra) Diversion Ditch
  - - - Lower Stirling Diversion Ditch
  - - - Poolley Diversion Ditch
  - - - Turtle Diversion Ditch
  - - - Upper Stirling Diversion Ditch

**FIGURE 1-1**

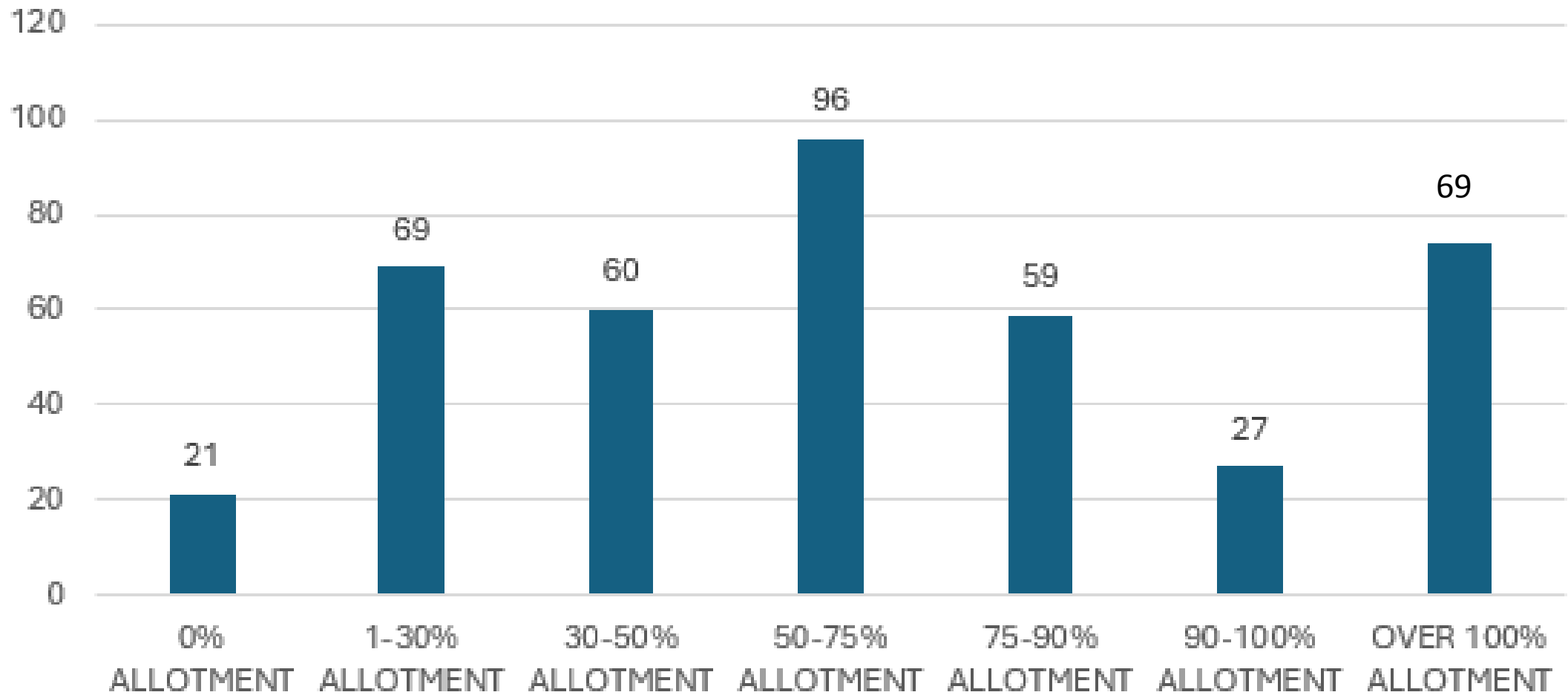
SOUTHEAST KELOWNA IRRIGATION MASTER PLAN

UPPER WATERSHED OVERVIEW

AE PROJECT No. 2023-3687-00  
 SCALE 1:64,000  
 DATE 2023DEC07  
 PROJECTION NAD 1983 UTM ZONE 11N  
 DRAWN BY DK  
 CHECKED BY KR  
 DESCRIPTION ISSUED FOR DRAFT



## Allotment Usage



# Discussion

1. AAC provides the following input on balancing water conservation with agricultural and environmental needs:

- Bylaw 10480 provides 2 options if there is anticipated to be a shortage of water"
  - 1) strictly limiting agricultural users to their 685 mm allotment. (Selected)
  - 2) Reducing the allotment to below 685 mm.

Is this the right priority?

- The City has at least 2 options on when to declare allotment changes under Bylaw 10480:
  - 1) Early in the season, based on best information? (Selected)
  - 2) Later in Season when water runs out?

What is the best approach?

- If deeper cuts are required, how does the City reach and inform irrigators?
- Is there anything else the City can do?

# Discussion

2. AAC provides the following input on the impacts of current drought conditions on Kelowna's agricultural community:

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Thank you!