


Integrated Watershed Management
C2019-0648
ISC: Unrestricted

Strategic Meeting of Council
13 May 2019

**INTERACTIVE EXERCISES –
MORNING (WATER SUPPLY
AND SECURITY)**

2019 May 13 UCS2019-0648 – ISC, unrestricted



**Interactive exercise :
Water supply and security**

Exercise is set up in the Power Reception Hall

4 tables, each working through the same exercise

3-4 Council members, 1-2 ALT, 1 facilitator at each table

Instructions will be provided in the room before you begin

Please move to the Power Reception Hall

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ITEM: C2019-0648
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Interactive exercise : Water supply and security

Purpose- Host an interactive exercise through which Councillors will:

- Work through water security options to balance long term water supply and demand for Calgary and its customers
- Express what is important to you for ensuring water security

This is not a decision making process

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Interactive exercise #1: Water Supply and Security (60 minutes)

Format

4 small tables with props

3-4 Councillor members

1 facilitator and recorder

Floating experts



1 timekeeper

Time	Discussion
0 – 5	Set up: overview and instructions
5 – 45	Table discussions
45 – 50	Table recap
50 – 60	Plenary read out

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**Interactive exercise #1:
Water supply and security**

The scenario

Today, preparing for 2034:

- Calgary has a population of 1.5 million
- Calgary supplies drinking water to 1.7 million people
- We will need more water per day to service our customers
- River flows were very low in the last two years
- We will have many late summer days with 10% less than needed



The challenge

10% shortfall

On many days in 2034, Calgary will face an unprecedented shortage of water

What options do you prioritize now to mitigate or manage that shortage?

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**Interactive exercise:
Water supply and security**

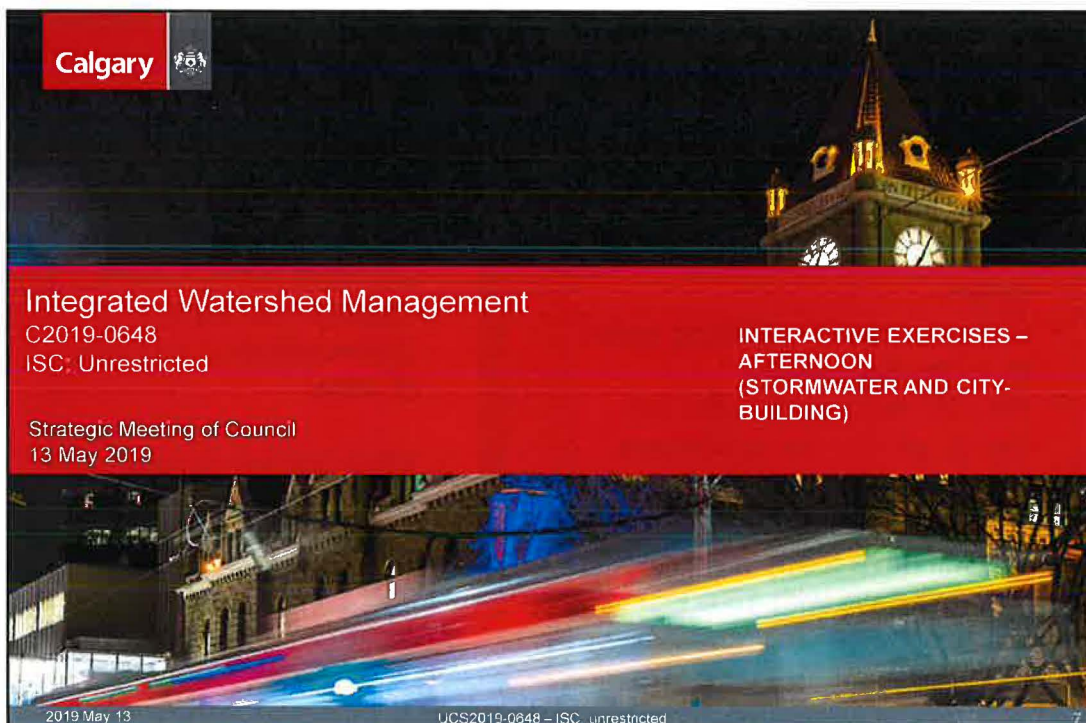
Plenary:


Facilitators share 3 observations from their tables

Closing comments

Confirmation of Rise and Report

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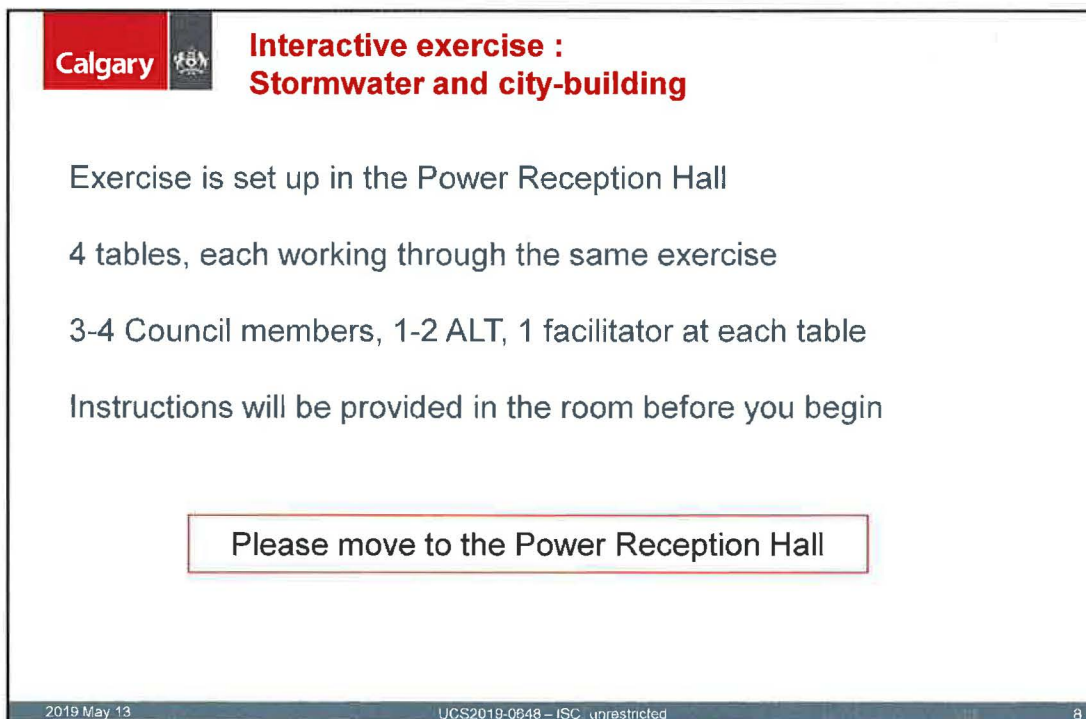
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**INTERACTIVE EXERCISES –
AFTERNOON
(STORMWATER AND CITY-
BUILDING)**

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**Interactive exercise :
Stormwater and city-building**

Exercise is set up in the Power Reception Hall

4 tables, each working through the same exercise

3-4 Council members, 1-2 ALT, 1 facilitator at each table

Instructions will be provided in the room before you begin

Please move to the Power Reception Hall

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Interactive exercise: Stormwater and city-building

Purpose: Host an interactive exercise through which Councillors will:

- Experience the complexities of managing and building communities with stormwater as a primary consideration.
- Express what is important to you in city-building while managing stormwater.

This is not a decision making process.

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Interactive exercise : Stormwater and city-building (60 minutes)

Format

4 small tables with props

3-4 Councillors

1-2 ALT members

1 facilitator at each

Floating experts

1 facilitator/ timekeeper

Time

Discussion

0 - 5 Set up: overview and instructions

5 - 45 Table discussions: Old Town + New Town

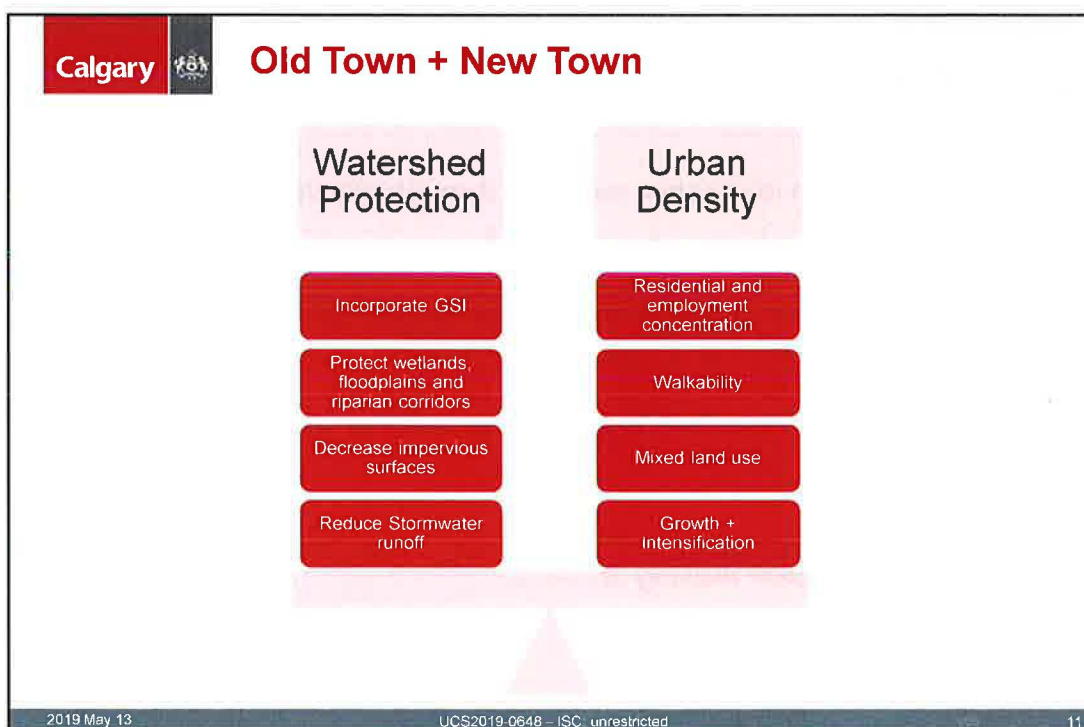
45 - 50 Table recap


50 - 60 Plenary

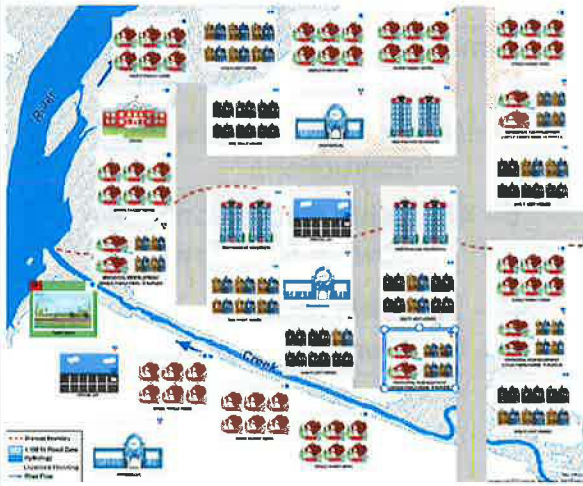
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Calgary  **Welcome to Old Town**




High density, mixed uses, and no wetland or stormpond.
 Most stormwater flows through lower capacity storm drains, untreated to the creek and river.
 Stormwater surplus of 4 units and 2 quality red flags.

1. Where is it likely the stormwater excess and quality challenges come from?
2. What would you do to manage the excess and quality issues and balance the MDP goals?
3. Who is responsible for stormwater management on public and private land?

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Welcome to New Town

The objective for New Town is to:


- achieve the MDP goals of watershed protection and urban density
- while meeting the stormwater commitment of collecting and managing rain, snow and ice melt, to protect citizens, property and the environment



1. Build New Town to include all of the cards stacked in the middle of the map
2. Is it meeting the MDP goals and managing stormwater?
3. Tally the public / private operating funds required to manage stormwater and adjust New Town's plan, if necessary

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Interactive exercise:
Water supply and security

Plenary:

Facilitators share 3 observations from their tables

Closing comments

Confirmation of Rise and Report

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