

MINUTES OF SPECIAL COMMITTEE OF THE WHOLE MEETING CW21-31 of the Council of the City of Dawson called for 7:00 PM on Monday, December 13, 2021, City of Dawson Council Chambers

PRESENT:	Mayor	William Kendrick
	Councillor	Elizabeth Archbold
	Councillor	Alex Somerville
	Councillor	Patrik Pikálek
	Councillor	Brennan Lister

REGRETS:

ALSO PRESENT:	A/CAO	Kim McMynn
	EA	Elizabeth Grenon
	PWM	Jonathan Howe

Agenda Item: Call to Order

The Chair, Mayor Kendrick called the meeting to order at 7:00 p.m.

Agenda Item: Agenda

CW21-31-01 Moved by Mayor Kendrick, seconded by Councillor Somerville that the agenda for Special Committee of the Whole meeting CW21-31 be accepted as presented.
Carried 5-0

Agenda Item: Delegations & Guests

a) Greenwood Engineering Solutions- Water Metering Update

Adam Greenwood gave an overview of the Water Metering Program Design:

- History of Water Metering in Dawson
- Overview of Water System
- Historical Water Use
- Bleeder Flows in Dawson-Two types of bleeders:
 - o Municipal Bleeders- located at watermain dead-ends and at the start of sewer mains
 - o Residential Bleeders- located at all services
- Objectives of Water Metering Program
 - o Reduce residential per capita water use
 - o Charge customers based on actual consumption
 - o Reduce power and operating costs
 - o Understand unaccounted water use (i.e. leaks)
 - o Understand bleeder water use
 - o Collect water use data for future infrastructure (water and wastewater)
 - o Simplify water rates
- Water Metering Program Considerations
- Metering Technologies and Reading Approaches
 - o Three types of reading approaches:
 - Touch Read
 - Automated Reading (AMR)-Walk-by or Drive-by Radio Head
 - Advanced Metering Infrastructure (AMI)-Fixed Network Radio/Cellular Read
- Estimated Costs
- Overview of Water Meter Rates Review
 - o Common Rate Setting Principles:
 - Fairness and Equity
 - Conservation
 - Continuity

- Affordability
- Simplicity
- Three types of Water Meter Rates:
 - Fixed Charge Model (most common)
 - Fixed price for each unit of water
 - Consumer pays starting from first unit
 - Price to consumer increases uniformly with volume
 - Easy to understand
 - Promotes conservation
 - Good revenue stability
 - Inclining Block Model
 - Successively higher price through a set of usage “blocks”
 - Supports conservation
 - Highest revenue volatility
 - May lead to inequities if applied “across the board” to all customer classes
 - Not as easy for a consumer to understand
 - Minimum Charge Model
 - Similar to fixed charge but includes an allotment of water
 - Variable rate “kicks in” after allotment is exceeded
- Next Steps
 - Finalize Request for Proposal (RFP)
 - Initiate public engagement/consultation
 - Select meter manufacturer/installer via RFP
 - Install new meters/reading system
 - Revisit metering program after one year of operation
 - Update water rates bylaw

Agenda Item: Adjournment

CW21-31-02 Moved by Councillor Somerville, seconded by Mayor Kendrick that Special Committee of the Whole meeting CW21-31 be adjourned at 8:13 p.m. with the next regular meeting of Committee of the Whole being January 12, 2022.
Carried 5-0

THE MINUTES OF SPECIAL COMMITTEE OF THE WHOLE MEETING CW21-31 WERE APPROVED BY COMMITTEE OF THE WHOLE RESOLUTION #CW22-01-02 AT COMMITTEE OF THE WHOLE MEETING CW22-01 OF JANUARY 12, 2021.

Original signed by:
William Kendrick, Chair

Kim McMynn, A/CAO