



# CRSWSC

CAPITAL REGION SOUTHWEST WATER SERVICES COMMISSION

## 2019 ANNUAL REPORT





---

# Table of Contents

## Board

Chairman’s Message	2
Membership and Governance Structure	3
Organization and Administration	4
Strategic Partnerships	6
2019 Meeting Dates	7
Water Rates	7

## Management & Operations

Introduction	7
Management & Operations Report	8
Operational Philosophy	10
History of the CRSWSC	12
Financial Reports	14

# BOARD

## Chairman's Message

On behalf of the Capital Region Southwest Water Services Commission (CRSWSC) Board, I am pleased to deliver the 2019 Chairman's Message.

Last year proved to be a very busy and productive year for the Commission. In addition to our regular maintenance and construction activities, we can celebrate numerous accomplishments such as creating a Strategic Plan, completing the Water Master Plan update and executing a Sale Agreement with EPCOR for Commission assets.

In late 2018 the Board agreed to undertake the creation of the first Strategic Plan for the Commission, which is a high-level governance plan to seek continual improvement in sustainable service delivery. This exercise began in early 2019 with two Board member workshops in January and March, which Administration also attended. This proved to be a positive and enlightening process, resulting in the creation of a vision, mission and set of values for the Commission. Goals and strategies were also established to help guide the Board and Administration to attain this future vision. Through this exercise the Board developed a list of 10 priority action items that will be completed over the 2019 – 2023 term, some of which were already completed in 2019 as part of the Water Master Plan update. The Strategic Plan was formally adopted by the Board in September 2019 and is being reviewed at every meeting to assess progress towards the Board's goals. The Board will also be reviewing and reprioritizing goals as necessary. I would like to thank Board members and Administration for their significant time and effort devoted towards the creation of this plan, which will continue to be built upon in the future.

*Continued on page 3...*



**RICK SMITH**  
BOARD CHAIR

At the beginning of 2020 the Commission was able to finalize the Water Master Plan, which was started in 2018. This document creates a plan for infrastructure upgrades and water rates over the next 25 years, as it evaluates short and long term water demands and considers anticipated growth projections in the region over this period. In examining the optimum way to deliver services, Administration directed Associated Engineering to look at alternative servicing scenarios to supply our members with water as a result of the Edmonton annexation. Through analyzing various servicing scenarios, it became apparent that it would be financially beneficial to engage with EPCOR to determine if a portion of the assets adjacent to the annexation area should be transferred to EPCOR. This would provide EPCOR with a source of water for their customers while also benefiting the Commission by transferring the responsibility to EPCOR to increase capacity to maintain an adequate water supply through these areas. Both parties came to agreement in late 2019 and this allowed the Commission to finalize the Master Plan. Administration will now proceed to present the Master Plan to member municipalities at their respective Council meetings in 2020. The Water Master Plan and Strategic Plan are available for review at [www.crsWSC.ca](http://www.crsWSC.ca).

As indicated above, while developing the Water Master Plan, Associated Engineering confirmed Administrations belief that it would be beneficial to engage EPCOR in discussing a Sale Agreement for Commission assets located adjacent to the Edmonton annexed lands. Negotiations with EPCOR began in 2018 and continued throughout 2019, while the Master Plan was being completed to ensure the Commission received the best possible outcome through this transaction. While final conditions are still being worked through, we are pleased to report that the Agreement was executed pending those conditions in January 2020. The Master Plan and Agreement will provide our members with rate stability over the next few years as a result of an improved financial position. On behalf of the Board, I would like to thank the EPCOR representatives for their cooperative approach to these negotiations and also thank our Administration and the Associated Engineering team for their diligence and expertise provided in determining the optimum servicing concept and executing successful negotiations to make it a reality.

In addition to these achievements, the Commission celebrated a milestone anniversary of 35 years of operations in September 2019. When reviewing the history of the Commission since its inception in September 1984, the cooperative regional approach to providing the essential service of clean, safe and reliable potable water to our customers is truly evident. We can celebrate substantial growth of the CRSWSC transmission system to the 7 member municipalities that the Commission currently serves and we look forward to the continued growth of the Commission in the future.

In closing, I wish to thank all of our dedicated Board members and Administration for their cooperative approach in fulfilling our mission and delivering our vision to the region. We look forward to another successful year in 2020 as we focus on continual improvement by working towards achieving the high level priorities outlined in the Strategic Plan.

## Membership and Governance Structure

Alberta Regulation, AR 292/84 created the Capital Region Southwest Water Services Commission which is governed by Part 15.1 of the Municipal Government Act (SA 194, Chapter 26.1). The Regulation mandates that services be supplied 'as required,' that fees charged are based on full recovery of capital and operating costs, and that all members be charged a uniform rate. The Regulation was most recently amended in 2016 by Order in Council 141/2016 to include a new member. Similar amendments have previously been made to add members in 2009 (143/2009) and 2011 (213/2011).

The Capital Region Southwest Water Services Commission membership includes:

- City of Beaumont
- Town of Calmar
- Camrose County
- Village of Hay Lakes
- City of Leduc
- Leduc County
- Town of Millet



# Organization and Administration

The Capital Region Southwest Water Services Commission requires respective municipal councils to appoint two members to the Board. They may also appoint one or more council members as an alternate. The Board annually elects a chair and vice-chair from among its membership. In 2019, Councillor Rick Smith was chair and Councillor Beverly Beckett was vice-chair.



**Back Row (L. to R.):** Coun. Kelly Vandenberghe (Leduc County), Coun. Dave Vallee (Village of Hay Lakes), Coun. Rick Smith (Leduc County), Coun. Greg Gillespie (Camrose County), Coun. Mike Storey (Millet), Mayor Tony Wadsworth (Millet), Mayor Wally Yachimetz (Calmar)  
**Front Row (L. to R.):** Mayor Dawn Pauls (Village of Hay Lakes), Coun. Doug Lyseng (Camrose County), Coun. Terry Balaban (Calmar), Coun. Bill Daneluik (Beaumont), Coun. Beverly Beckett (Leduc)

## 2019 Board Members Alternates

<b>City of Beaumont</b>	Councillor Sam Munckhof-Swain	Councillor Bill Daneluik	Councillor Steven vanNieuwkerk
<b>Town of Calmar</b>	Mayor Wally Yachimetz	Councillor Terry Balaban	Councillor Lin Rehn
<b>Camrose County</b>	Councillor Doug Lyseng	Councillor Greg Gillespie	Councillor Cindy Trautman
<b>Village of Hay Lakes</b>	Mayor Dawn Pauls	Councillor Dave Vallee	Councillor Faye Leicht
<b>City of Leduc</b>	Councillor Beverly Beckett (Vice Chair)	Councillor Lars Hansen	Mayor Bob Young
<b>Leduc County</b>	Councillor Rick Smith (Chair)	Councillor Kelly Vandenberghe	Mayor Tanni Doblanko Councillor Kelly-Lynn Lewis
<b>Town of Millet</b>	Mayor Tony Wadsworth	Councillor Mike Storey	Councillor Pat Garrett

# Incoming Board of Directors



**Back Row (L. to R.):** Coun. Sam Munckhof-Swain (Beaumont), Coun. Dave Vallee (Village of Hay Lakes), Coun. Greg Gillespie (Camrose County), Coun. Steven vanNieuwkerk (alt.) (Beaumont), Coun. Rick Smith (Leduc County), Mayor Tony Wadsworth (Millet)  
**Middle Row (L. to R.):** Coun. Lars Hansen (Leduc), Coun. Doug Lyseng (Camrose County), Coun. Mike Storey (Millet)  
**Front Row (L. to R.):** Mayor Wally Yachimetz (Calmar), Coun. Beverly Beckett (Leduc), Coun. Don Faulkner (alt.) (Calmar), Coun. Kelly Vandenberghe (Leduc County)

## In the fall of 2019, the incoming Board of Directors was appointed

## Alternates

<b>City of Beaumont</b>	Councillor Sam Munckhof-Swain	Councillor Bill Daneluik	Councillor Steven vanNieuwkerk
<b>Town of Calmar</b>	Mayor Wally Yachimetz	Councillor Krista Gardner	Councillor Don Faulkner
<b>Camrose County</b>	Councillor Doug Lyseng	Councillor Greg Gillespie	Reeve Cindy Trautman
<b>Village of Hay Lakes</b>	Mayor Dawn Pauls	Councillor Dave Vallee	Councillor Faye Leicht
<b>City of Leduc</b>	Councillor Beverly Beckett (Vice Chair)	Councillor Lars Hansen	Mayor Bob Young
<b>Leduc County</b>	Councillor Rick Smith (Chair)	Councillor Kelly Vandenberghe	Mayor Tanni Doblanko Councillor Kelly-Lynn Lewis
<b>Town of Millet</b>	Mayor Tony Wadsworth	Councillor Mike Storey	Councillor Pat Garrett



One of the key strategic partners for the CRSWSC is the Edmonton International Airport. We would like to thank the EIA for their active participation and contributions to the success of the Commission in 2019.

# Strategic Partnerships

## Management and operating services

Management Services is contracted by the City of Leduc for provision of management services to the Commission:

- Commission manager** Shawn Olson  
*(Director, Engineering) City of Leduc*
- Operations manager** Rick Sereda  
*(Director, Public Services) City of Leduc*
- Treasurer** Carol Hounsell  
*(Manager, Accounting Services) City of Leduc*
- Financial agency** Alberta Treasury Branch
- Auditor** Metrix Group LLP
- Engineering services** Associated Engineering Alberta Ltd.
- Solicitor** Brownlee LLP
- Investment agency** CIBC Wood Gundy



*Edmonton International Airport: Roger Steele*



Associated Engineering has been a vital partner in the Commission operations for many years, offering their expertise and services as the Commission's contracted engineering consultant. Associated Engineering has managed many capital projects for the CRSWSC, including the Millet water line expansion and Highway 21 booster station upgrades. They also recently completed the update to the Water Master Plan. We appreciate the hard work and dedication from the Associated Engineering team, led by engineers Sean Nicoll and Chad Maki.

*Associated Engineering (L. to R.): Chad Maki, Sean Nicoll*





## 2019 Meeting Dates

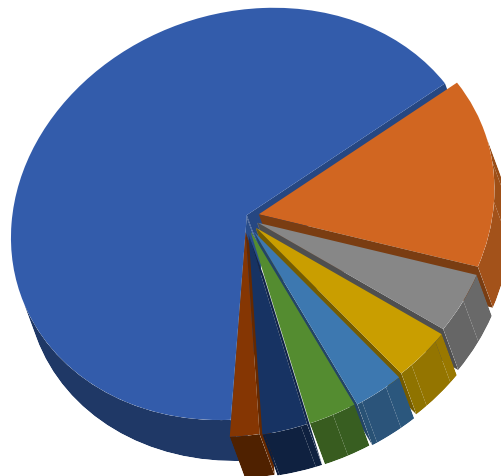
<b>February 21, 2019</b>	Regular Meeting
<b>April 4, 2019</b>	Regular Meeting
<b>April 18, 2019</b>	Annual General Meeting (AGM)
<b>June 20, 2019</b>	Regular Meeting
<b>September 19, 2019</b>	Regular Meeting
<b>November 21, 2019</b>	Organizational & Regular Meeting

## Water Rates

The 2019 water rates established by the Commission are as follows:

- Customers who are identified as major or wholesale customers are: Leduc County, City of Beaumont, Town of Calmar, City of Leduc, Edmonton Regional Airport Authority, the Village of Hay Lakes, Camrose County and the Town of Millet.
- Wholesale water rates: \$1.59 per m<sup>3</sup> (cubic metre) for all member communities.

### 2019 Simplified Water Rate Based on Sales Rate of \$1.59/M<sup>3</sup>



<span style="color: blue;">■</span>	Water Purchases - \$0.93
<span style="color: orange;">■</span>	Reserve Contributions - \$0.42
<span style="color: grey;">■</span>	Operating Contract - \$0.08
<span style="color: yellow;">■</span>	Professional Fees - \$0.05
<span style="color: lightblue;">■</span>	Utilities - \$0.04
<span style="color: green;">■</span>	Repairs & Maintenance - \$0.03
<span style="color: darkblue;">■</span>	Management Contract - \$0.03
<span style="color: brown;">■</span>	Board Expenses - \$0.01

# Management & Operations

## Introduction

The Capital Region Southwest Water Services Commission (CRSWSC) was established on September 1, 1984 and today is a regional co-operation providing clean, safe drinking water to the City of Leduc, Leduc County, City of Beaumont, Town of Calmar, Village of Hay Lakes, Camrose County, Town of Millet and the Edmonton International Airport (EIA). The Commission purchases its water directly from EPCOR Water Services in coordination with the Regional Water Customers Group.

The CRSWSC is one of nine members that form the Regional Water Customers Group. All nine members work closely together to ensure all communications and transactions with EPCOR Water Services are of a united front. The Commission works closely with the Regional Water Customers Group for long-range planning, rate negotiation and coordination of water supply.

The Commission works diligently to ensure clean, safe drinking water is provided to all customers. It closely monitors and controls flow rates, chlorine residuals, pressures and reservoir levels for each of its customers. The Commission endeavours to comply with all regulations and standards set out by Canadian regulatory agencies. It is the goal of the Commission to set standards and guidelines for each of its customers to model themselves after.

---

# Management & Operations Report

On behalf of the City of Leduc, we would like to thank the CRSWSC Board for their trust and confidence in the City of Leduc Management and Operations team, as well as the collaborative working relationship that we continue to foster.



*(L. to R.): Shawn Olson (Commission Manager), Rick Sereda (Operations Manager)*

As we embark on a new year, we would like to take this opportunity to celebrate the achievements of the Commission in 2019.

- The Commission was honored to be featured in the January 2019 edition of the Business Elite Canada magazine. This was an editorial on the Commissions operations and activities, which featured an interview with Chairman Rick Smith.
- Through coordination with the Regional Water Customers Group (RWCG), a new Water Supply Agreement was negotiated with EPCOR for a renewed 20 year term, which was back dated to an effective date of May 12, 2018.
- A tender for the Highway 21 Booster Station upgrades was issued in February 2019, resulting in Lorac Construction being selected as the successful proponent in April 2019. The pump upgrades were completed and the Booster Station was commissioned in October 2019. Security upgrades for this facility are ongoing at this time.
- The Commission continued working through the Millet water supply line incident that took place in November 2018, also involving the Robinson Reservoir in Leduc. The Commission is currently pursuing cost recovery related to this incident.
- The City of Camrose requested to attend CRSWSC Board meetings as observers, as they are potentially interested in joining the Commission in the future. The Board approved this request and the City of Camrose representatives attended their first Board meeting on November 21, 2019. On behalf of the Board and Administration, we would like to welcome the City of Camrose representatives and we look forward to working with them in 2020.
- The CRSWSC Board created their first Strategic Plan document, which was formally adopted by the Board on September 19, 2019. This document expresses the vision, mission and values of the CRSWSC, while prioritizing goals and strategies for the future. The Commission is now focussed on completing the priority action items over the 2019 – 2023 period, as outlined in the Strategic Plan. Administration would like to thank the Board for their dedicated time and effort towards creating this strategic document.

- While examining various servicing scenarios as part of the Water Master Plan update which began in 2018, Administration identified that it would be beneficial to engage with EPCOR to address Commission infrastructure and customers that were located adjacent to the City of Edmonton annexed lands (effective January 1, 2019). Through collaboration with Associated Engineering, the Commission began negotiations with EPCOR in 2018 to determine the optimal servicing of this area and discuss whether the affected Commission assets should be transferred to EPCOR. The CRSWSC is pleased to report that after 2 years of negotiations with EPCOR, both parties came to agreement in late 2019, resulting in an executed Agreement for the sale of impacted Commission assets adjacent to the annexation area in January 2020, pending conditions. Administration would like to thank EPCOR for their cooperation throughout this process, and also thank Chairman Rick Smith and Vice-Chair Beverly Beckett for their time and contributions towards attending these negotiation meetings on behalf of the CRSWSC Board.
- Once the EPCOR negotiations concluded, the Board was able to finalize the Water Master Plan in early 2020, which had been delayed due to awaiting the outcome of negotiations. The EPCOR sale transaction was beneficial for the Commission, as it relieved the responsibility for the Commission to increase capacity to maintain an adequate water supply through the land adjacent to the annexed area, and transferred this responsibility to EPCOR. The sale of assets also resulted in an improved financial position for the Commission, which provides members with stabilized water rates and meets the goal of Strategic Plan item 4.4.1 to charge reasonable water rates to members. Now that the Master Plan has been finalized, Administration will be presenting the updated Water Master Plan to municipal member Councils in 2020.
- The Discovery Park reservoir was successfully commissioned in November 2019 and is now actively operating. This asset was turned over directly to EPCOR, as it is located within the newly annexed City of Edmonton lands and was not included within the EPCOR and CRSWSC Sale Agreement.
- The Commission identified a need for a future Booster Station as part of the EPCOR negotiations and the Master Plan process. In an effort to plan for this future construction and forecast costs, the Commission worked with Leduc County to execute an Option to Purchase Agreement to secure land for a future Booster Station. This Agreement was executed in December 2019 and we are grateful for the cooperation of Leduc County in making this possible.

- After working closely with the Edmonton International Airport (EIA), the EIA License Agreement was finalized in December 2019. This Agreement was essential as it protects Commission infrastructure that is located within the EIA lands. We would like to thank the EIA for their cooperation in executing this Agreement.

Effective management and operations is essential to ensure that safe drinking water is effectively and efficiently delivered to the member municipalities. The Commission continues to follow a preventative maintenance program that maximizes the endurance and longevity of CRSWSC assets. The preventative maintenance program follows engineering best practices, which includes following the manufacturer's instructions, specifications, applicable safety codes and other safety standards. The CRSWSC operations team is pleased to report that no safety related incidents occurred in 2019.

As evident through this summary of activities, the Commission experienced an extremely productive and eventful year in 2019. The successes of this past year were made possible by the diligent commitment and participation of everyone involved with the CRSWSC. We would like to thank everyone for their contributions and also take this opportunity to congratulate the Commission members on celebrating 35 years of operations in September 2019. In closing, our Management and Operations team enjoy serving the Commission and we are eager to continue serving the Commission for many years to come.



# Operational Philosophy

Water from Edmonton is boosted by electrically-driven pumps at the boundary pumping station located along Highway 2 just south of the 41<sup>st</sup> Avenue Interchange.

The transmission main from the boundary pump station supplies water to the City of Leduc with lateral mains feeding Beaumont, Calmar, Leduc County, New Sarepta, Hay Lakes, Armena, Millet and the Edmonton International Airport. The amount of pressure supplied by the booster pumps depends upon demand, which varies based on reservoir levels at the different municipalities.

The Supervisory Control and Data Acquisition (SCADA) control system is designed to provide operating information and control capability for the water transmission system. This is performed through a communication system link between the 14 Programmable Logic Controllers (PLC) located at each of the fill station sites, the booster station and the boundary station.

The host PLC, located at the boundary pumping station, collects data from each site and transfers new data to the PLCs as required. Endpoint adjustment, such as starting of pumps and modulating of valves, is performed by the onsite PLCs upon receipt of command from the host PLC.

Communication between all 14 water commission sites is performed by a UHF radio system installed within each station. There is almost a constant feedback of information occurring between the radios and host PLC. Examples of information being transmitted include:

- Present pressures
- Flow rates
- Flow totaling
- Alarms when occurring
- Control valve positions
- Reservoir levels
- Chlorine residuals

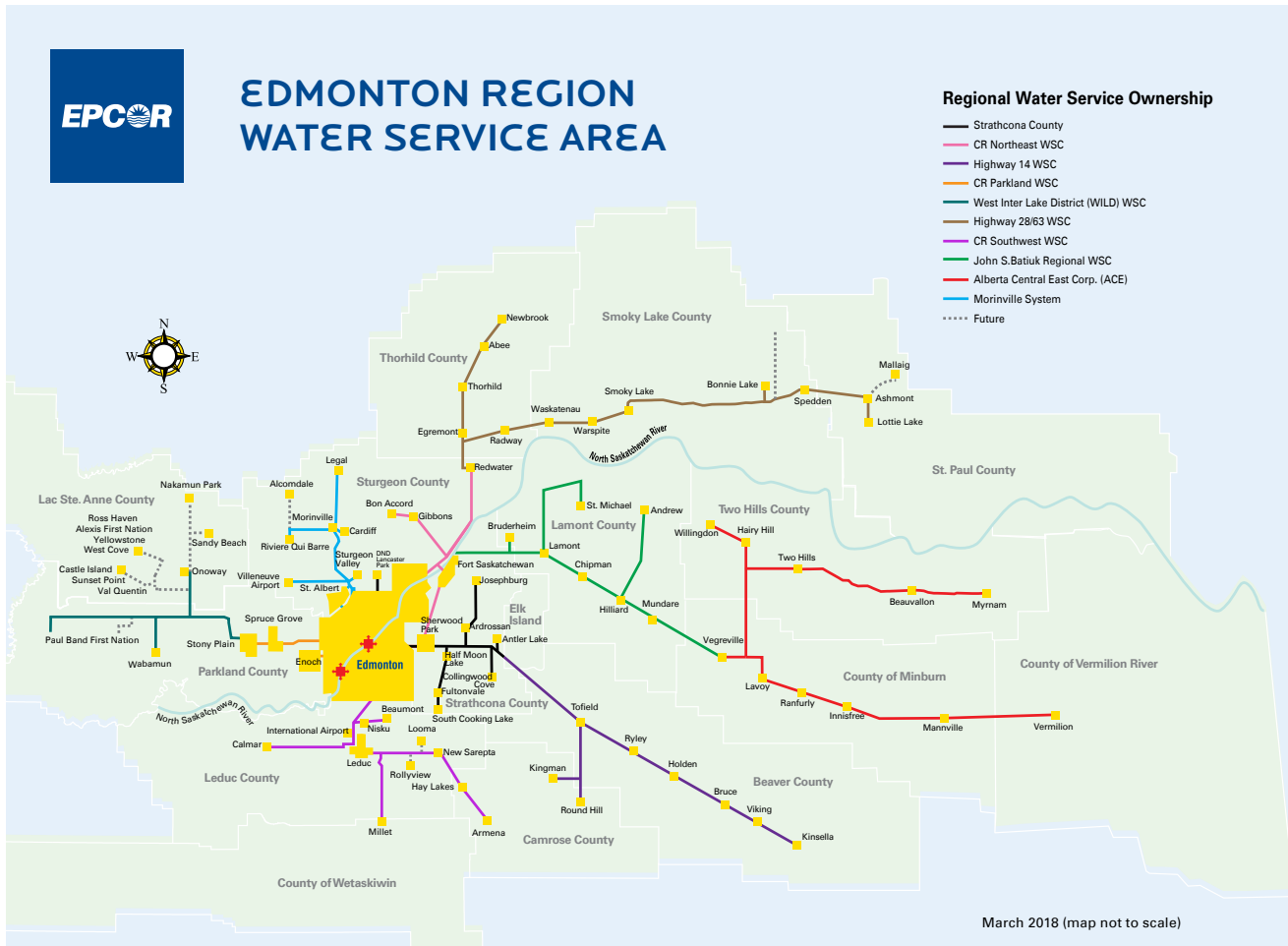
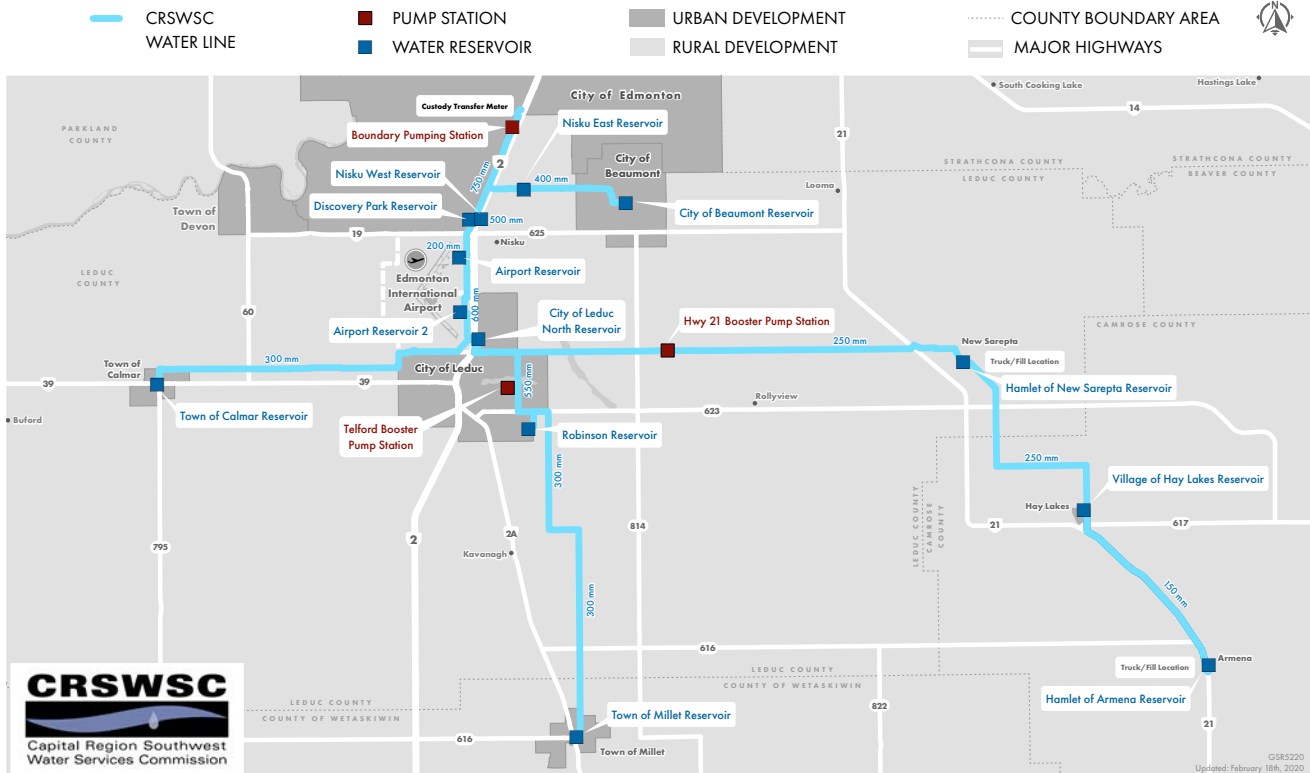
The host PLC receives commands from the human machine interface (HMI) located at the boundary pumping facility. The HMI displays and communicates all SCADA related events for Commission operators.

Total flow received from Edmonton is compiled by the EPCOR's master meter, which is situated in the boundary station. This meter is owned by EPCOR and is serviced on site.

A magnetic flow meter keeps a record of water leaving the boundary station into the Commission's supply line. Each fill station contains a magnetic flow meter which relays flow rates and totals instantaneously to the main controlling facility.



### CAPITAL REGION SOUTHWEST WATER SERVICES COMMISSION (CRSWSC) TRANSMISSION SYSTEM



# History of CRSWSC

💧 *April 6, 1959*

The Strathcona-Leduc Water Board originally formed as a partnership between the Municipal Districts of Strathcona and Leduc, and the Town of Leduc. Board formation was in response to the federal government's need for potable water to the then proposed Edmonton International Airport. The original Edmonton to Leduc water transmission system was constructed in 1959 – 60 due to the financial contributions of the federal government and debenture borrowing by the three municipalities.

The original waterline had a 300 mm diameter, asbestos cement from within the then City of Edmonton limits to the airport tie-in and a 250 mm diameter cast iron water main from the airport tie-in to the Town of Leduc. Two pump stations; No. 1 at 23 Avenue, in the City of Edmonton, and No. 2 at Nisku provided the transmission capability.

💧 *Late 1970s*

Capacity of the original system was reached.

💧 *1978 - 1979*

A new steel pipeline was constructed as Phase 1 with telescopic diameters; 750 mm, 600 mm and 500 mm, from the City of Edmonton (9 Avenue) to the City of Leduc.

💧 *1982 - 1983*

Phase 2 was constructed.

💧 *1985*

Full operation of Phase 2. It consisted of the Boundary Pump Station and Fill Stations for the Airport, County of Leduc-Nisku and City of Leduc.

Phase 3 was to be the On-line Storage Facility and Re-pump Facility for Calmar, however it was not constructed.

Phase 4 was the Leduc to Calmar waterline, complete with a Fill Station at Calmar. This was implemented by the Town of Calmar and was subsequently transferred to the Commission.

💧 *September 1, 1984*

The Capital Region Southwest Water Services Commission was established and assumed ownership, operation and maintenance of all the Strathcona-Leduc Water Board facilities, as well as the Leduc-to-Calmar waterline, and the Nisku-to-Beaumont water supply line.

💧 *Fall 1986*

An Agreement was finalized for the sale of the Commission's system inside the Edmonton city limits to the City of Edmonton.

💧 *1987*

An Agreement was made between the Commission and the County of Leduc to transfer ownership, operation and maintenance of the original 300 mm water main to the county, with exception of Nisku Pump House No. 2. The 300 mm diameter main now serves as a county distribution main with pressurization from the county's Nisku reservoir.

💧 *1988*

The Commission completed the construction of a 400 mm diameter lateral from the Commission's main line to Beaumont and a fill station at the Beaumont reservoir. The original Nisku-to-Beaumont waterline was transferred to the County of Leduc.

💧 *1993 - 1995*

The Supervisory Control and Data Acquisition (SCADA) system was upgraded to new technology and radio communication with the five fill stations.

💧 *1994*

The AGT Communication Telemetry was replaced with a UHF Radio communication system.

💧 *1999*

The SCADA system was replaced with Year 2000 capabilities, and Wonderware Software was installed.

💧 *2001*

The Edmonton International Airport 200 mm cast iron lateral was twinned with a 200 mm PVC line from the main line to the airport fill station.

💧 *2002*

The Beaumont 300 mm pipeline was twinned with a 400 mm line from the west edge of the town boundary into the Beaumont fill station.

💧 *2004*

Associated Engineering was hired to carry out a supply system review. Based on this study and the years of service of VSP 102, the Commission installed a new motor, pump, and Variable Frequency Drive.

💧 *2005*

Based on the 2004 review, VSP 102 and 103 were replaced. The computer was replaced and the SCADA system was updated. Landscaping with low maintenance and drought-resistant design was completed at the boundary pump station.

#### 2006

The Commission upgraded its radio system for all fill stations to improve communications via the boundary pump station HMI (Human Machine Interface). Leduc County constructed a new reservoir and fill station. Ownership of the fill station was turned over to the water Commission.

#### 2007

The Commission acquired a revocable license by the Department of Transport (federal government) for the Commission's water lines on Edmonton International Airport property (exclusive of the east/west water line at the south end of airport property).

#### 2008 - 2010

The Commission entered into a review of the proposed Highway 21 Water Pipeline expansion project to service the Villages of New Sarepta, Hay Lakes and Camrose County. As a result, the Commission voted to expand the membership.

Under the 'Water for Life Strategy,' the Commission partnered with Alberta Transportation to construct the south Highway 21 water line. The new 250mm water line ties into the Commission's line within the City of Leduc boundary and heads east through Leduc County to New Sarepta and Hay Lakes. The line will eventually head into Camrose County.

#### 2011 - 2012

The City of Leduc took over the operation of the Commission. In 2012, the 14" Foxboro magnetic flow meter was upgraded to a 16" ABB magnetic flow meter at the Boundary Station.

Millet requested to become a member of the Commission, which they will become after the completion of the transmission main extension to the Town of Millet.

Hamlet of Armena extension design work was completed for the main extension.

#### 2013

EPCOR realigned a segment of the 762 mm steel main for the 41st Ave interchange.

Edmonton International Airport realigned a segment of the 600 mm steel main for commercial development on their property. The SCADA system was upgraded to replace the PLC's, programming and associated hardware modifications.

The south Highway 21 water main asset transferred to the CRSWSC from Strathcona County.

#### 2014

Completion of the water distribution system to the Hamlet of Armena in Camrose County. Completion of the water transmission main realignment and vault access project at the 41st Ave interchange.

New water licensing Agreement with the Regional Water Customers' Group (RWCG)

#### 2015

The Commission took over construction management of the Town of Millet Water Supply Line Project.

The Town of Millet was welcomed to join the Board as directors at large.

The Water Master Plan was completed which identified key required long term improvements to the existing Commission infrastructure. The City of Leduc was the successful proponent for the CRSWSC operations and management contract with a three year term extendable to five years.

#### 2016 - 2018

Construction on the Millet Water Supply Line Project began in early Summer 2016 and the grand opening ceremony was celebrated in April 2017.

The Commission's radio communication network was upgraded including the re-alignment of all antennas, the installation of four new towers and a signal transmission modification. The radio system upgrades signaled the end of the Hamlet of Armena's extension project.

#### 2019

The pump upgrades at the Highway 21 booster station were completed late in the year.

An update to the Water Master Plan was completed by Associated Engineering with input and direction from Board Members.

Discovery Park's first facility came online and the Edmonton International Airport (EIA) added a second fill station.

The EIA License Agreement and the EPCOR Sale Agreement, consisting of assets adjacent to the Edmonton annexation area, were wrapped up in early 2020.

The CRSWSC celebrated 35 years of operation in September 2019.

# Financial Reports



*(L. to R.): Carol Hounsell, Lauren Padgham*

*Lauren Padgham served the Commission until August 2019 before Gerard Del Rosario joined the Commission's Financial Team in September 2019.*



*(L. to R.): Carol Hounsell, Gerard Del Rosario*

## **CAPITAL REGION SOUTHWEST WATER SERVICES COMMISSION**

**LEDUC, ALBERTA**

**FINANCIAL STATEMENTS**

**FOR THE YEAR ENDED DECEMBER 31, 2019**

Draft



## INDEPENDENT AUDITORS' REPORT

To the Members of the Capital Region Southwest Water Services Commission

### *Opinion*

We have audited the financial statements of the Capital Region Southwest Water Services Commission (the "Commission"), which comprise the statement of financial position as at December 31, 2019, and the statements of operations and accumulated surplus, changes in net financial assets and cash flows for the year then ended, and notes to the financial statements, including a summary of significant accounting policies.

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of the Commission as at December 31, 2019, and the results of its operations and accumulated surplus and the changes in its net financial assets and cash flows for the year then ended in accordance with Canadian public sector accounting standards.

### *Basis for Opinion*

We conducted our audit in accordance with Canadian generally accepted auditing standards. Our responsibilities under those standards are further described in the *Auditors' Responsibilities for the Audit of the Financial Statements* section of our report. We are independent of the Commission in accordance with the ethical requirements that are relevant to our audit of the financial statements in Canada, and we have fulfilled our ethical responsibilities in accordance with these requirements. We believe the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

### *Responsibilities of Management and Those Charged with Governance for the Financial Statements*

Management is responsible for the preparation and fair presentation of the financial statements in accordance with Canadian public sector accounting standards, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Commission's ability to continue as a going concern, disclosing, as applicable, matters relating to going concern and using the going concern basis of accounting unless management either intends to liquidate the Commission or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Commission's financial reporting process.

(continues)



*Auditor's Responsibility for the Audit of the Financial Statements*

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance, but it is not a guarantee that an audit conducted in accordance with Canadian generally accepted auditing standards will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with Canadian generally accepted auditing standards, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Commission's internal control.
- Evaluate the appropriateness of accounting policies and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Commission's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditors' report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditors' report. However, future events or conditions may cause the Commission to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

**METRIX GROUP LLP**

Chartered Professional Accountants

Edmonton, Alberta  
September 10, 2020

**CAPITAL REGION SOUTHWEST WATER SERVICES COMMISSION**

**STATEMENT OF FINANCIAL POSITION**

**AS AT DECEMBER 31, 2019**

	<u>2019</u>	<u>2018</u>
<b>FINANCIAL ASSETS</b>		
Cash	\$ 2,935,662	\$ 2,943,697
Accounts receivable	933,302	686,032
Goods and Services Tax receivable	11,377	46,015
Investments (Note 3)	<u>5,923,223</u>	<u>3,597,943</u>
	<u>9,803,564</u>	<u>7,273,687</u>
<b>LIABILITIES</b>		
Accounts payable and accrued liabilities	568,874	605,100
Deferred revenue (Note 4)	158,974	161,261
Long-term debt (Note 5)	<u>928,400</u>	<u>981,442</u>
	<u>1,656,248</u>	<u>1,747,803</u>
<b>NET FINANCIAL ASSETS</b>	8,147,316	5,525,884
<b>NON-FINANCIAL ASSETS</b>		
Tangible Capital Assets (Schedule I)	<u>23,859,227</u>	<u>24,142,896</u>
<b>ACCUMULATED SURPLUS (Note 6)</b>	\$ <u>32,006,543</u>	\$ <u>29,668,780</u>

ON BEHALF OF THE COMMISSION:

\_\_\_\_\_ Chairman

\_\_\_\_\_ Treasurer

The accompanying notes are an integral part of these financial statements.

3.

**CAPITAL REGION SOUTHWEST WATER SERVICES COMMISSION**

**STATEMENT OF OPERATIONS AND ACCUMULATED SURPLUS**

**FOR THE YEAR ENDED DECEMBER 31, 2019**

	<u>2019</u> (Budget) (Note 11)	<u>2019</u> (Actual)	<u>2018</u> (Actual)
<b>Revenues</b>			
Water sales	\$ 9,173,041	\$ 9,292,696	\$ 8,554,867
Return on investments	30,000	112,060	58,349
Contributions from members	93,903	93,903	81,322
Government transfers	290,842	2,287	3,958
Other	<u>-</u>	<u>-</u>	<u>1,379</u>
	<u>9,587,786</u>	<u>9,500,946</u>	<u>8,699,875</u>
<b>Expenses</b>			
Water purchases	5,531,302	5,567,419	5,341,686
Operating contract	404,641	404,641	392,094
Utilities	185,434	183,733	183,316
Repairs and maintenance	136,340	161,552	176,788
Management contract	137,278	137,278	133,022
Professional fees	87,000	77,470	60,463
Engineering fees	175,000	67,209	175,438
Interest on long-term debt	40,861	40,769	39,868
Insurance	25,500	27,412	20,870
Honorarium and travel	96,100	25,089	43,047
Office and annual meeting	25,500	20,395	19,260
Amortization	<u>-</u>	<u>450,216</u>	<u>454,217</u>
	<u>6,844,956</u>	<u>7,163,183</u>	<u>7,040,069</u>
<b>Excess of Revenue over Expenses</b>	<u>2,742,830</u>	<u>2,337,763</u>	<u>1,659,806</u>
<b>Accumulated Surplus, Beginning of Year</b>	<u>29,668,780</u>	<u>29,668,780</u>	<u>28,008,974</u>
<b>Accumulated Surplus, End of Year</b>	<u>\$ 32,411,610</u>	<u>\$ 32,006,543</u>	<u>\$ 29,668,780</u>

The accompanying notes are an integral part of these financial statements.

4.

---

**CAPITAL REGION SOUTHWEST WATER SERVICES COMMISSION**

**STATEMENT OF CHANGES IN NET FINANCIAL ASSETS**

**FOR THE YEAR ENDED DECEMBER 31, 2019**

	<u>2019</u>	<u>2018</u>
<b>Excess of Revenue Over Expenses</b>	\$ 2,337,763	\$ 1,659,806
Acquisition of tangible capital assets	(166,547)	-
Amortization of tangible capital assets	<u>450,216</u>	<u>454,217</u>
<b>Increase in Net Financial Assets</b>	2,621,432	2,114,023
<b>Net Financial Assets, Beginning of Year</b>	<u>5,525,884</u>	<u>3,411,861</u>
<b>Net Financial Assets, End of Year</b>	<u>\$ 8,147,316</u>	<u>\$ 5,525,884</u>

Draft

The accompanying notes are an integral part of these financial statements.

5.

**CAPITAL REGION SOUTHWEST WATER SERVICES COMMISSION**

**STATEMENT OF CASH FLOWS**

**FOR THE YEAR ENDED DECEMBER 31, 2019**

	<u>2019</u>	<u>2018</u>
<b>Operating Activities</b>		
Excess of revenue over expenses	\$ 2,337,763	\$ 1,659,806
Amortization expense	450,216	454,217
Change in non-cash working capital balances related to operations:		
Change in accounts receivable	(247,270)	329,811
Change in accounts payable and accrued liabilities	(36,226)	(1,024,881)
Change in deferred revenue	(2,287)	157,738
Change in Goods and Services Tax receivable	<u>34,638</u>	<u>59,787</u>
	<u>2,536,834</u>	<u>1,636,478</u>
<b>Financing Activities</b>		
Long-term debt proceeds	-	217,785
Long-term debt repaid	<u>(53,042)</u>	<u>(41,648)</u>
	<u>(53,042)</u>	<u>176,137</u>
<b>Investing Activities</b>		
Acquisition of tangible capital assets	(166,547)	-
Change in investments	<u>(2,325,280)</u>	<u>106,433</u>
	<u>(2,491,827)</u>	<u>106,433</u>
<b>Change in Cash During the Year</b>	(8,035)	1,919,048
<b>Cash, Beginning of Year</b>	<u>2,943,697</u>	<u>1,024,649</u>
<b>Cash, End of Year</b>	<u>\$ 2,935,662</u>	<u>\$ 2,943,697</u>

The accompanying notes are an integral part of these financial statements.

6.

**CAPITAL REGION SOUTHWEST WATER SERVICES COMMISSION**

**SCHEDULE OF TANGIBLE CAPITAL ASSETS**

**FOR THE YEAR ENDED DECEMBER 31, 2019**

	<u>Land</u>	<u>Buildings</u>	<u>Engineered Structures</u>	<u>Equipment</u>	<u>2019</u>	<u>2018</u>
<b>COST:</b>						
Balance, Beginning of Year	\$ 221,637	\$ 1,784,247	\$ 27,825,712	\$ 41,507	\$ 29,873,103	\$ 29,873,103
Acquisition of tangible capital assets	<u>-</u>	<u>-</u>	<u>166,547</u>	<u>-</u>	<u>166,547</u>	<u>-</u>
Balance, End of Year	<u>221,637</u>	<u>1,784,247</u>	<u>27,992,259</u>	<u>41,507</u>	<u>30,039,650</u>	<u>29,873,103</u>
<b>ACCUMULATED AMORTIZATION:</b>						
Balance, Beginning of Year	-	1,427,397	4,262,040	40,770	5,730,207	5,275,990
Annual amortization	<u>-</u>	<u>39,650</u>	<u>409,829</u>	<u>737</u>	<u>450,216</u>	<u>454,217</u>
Balance, End of Year	<u>-</u>	<u>1,467,047</u>	<u>4,671,869</u>	<u>41,507</u>	<u>6,180,423</u>	<u>5,730,207</u>
<b>NET BOOK VALUE OF TANGIBLE CAPITAL ASSETS</b>	<b><u>\$ 221,637</u></b>	<b><u>\$ 317,200</u></b>	<b><u>\$ 23,320,390</u></b>	<b><u>\$ -</u></b>	<b><u>\$ 23,859,227</u></b>	<b><u>\$ 24,142,896</u></b>

Cost includes construction in progress of \$166,547 (2018 - \$nil). These amounts are not amortized until the asset is completed and in use.

The accompanying notes are an integral part of these financial statements.

7.

---

## CAPITAL REGION SOUTHWEST WATER SERVICES COMMISSION

### NOTES TO FINANCIAL STATEMENTS

DECEMBER 31, 2019

#### 1. NATURE OF THE ORGANIZATION

The Capital Region Southwest Services Commission is constituted under the *Municipal Government Act* and was established by Alberta Regulation 292/84. The Commission's main purpose is to supply water to its members. The Commission is exempt from income tax under section 149 of the *Income Tax Act*.

#### 2. ACCOUNTING POLICIES

##### (a) Basis of accounting

These financial statements have been prepared in accordance with Canadian public sector accounting standards for local governments established by the Canadian Public Sector Accounting Board.

##### (b) Revenue Recognition

Service fees are recognized as revenue in the period in which the service is delivered or in which the transactions or events occurred that gave rise to the revenue.

Government transfers are recognized as revenues when the transfer is authorized, any eligibility criteria are met, and reasonable estimates of the amounts can be made. Government transfers are recognized as deferred revenue when amounts have been received but not all eligibility criteria have been met.

Investment income is recognized as revenue when earned.

##### (c) Investments

All investments are classified as held-to-maturity and are recorded at cost or amortized cost, adjusted to recognize other than a temporary impairment in the underlying value.

Interest income is recorded as earned and gains and losses on the sale of investments are recorded in income on disposition. Investment premiums and discounts are amortized proportionately over the term of the respective investments.

##### (d) Tangible Capital Assets

Tangible capital assets are recorded at cost. Contributed tangible capital assets are recorded at fair value at the date of contribution. Amortization is provided on a straight-line basis over the estimated useful lives of the assets as follows:

Engineered structures	15 - 75 years
Buildings	45 years
Equipment	10 years

Tangible capital assets are written down when conditions indicate that they no longer contribute to the Commission's ability to provide goods and services, or when the value of future economic benefits associated with the tangible capital assets are less than their net book value. The net write-downs are accounted for as expenses in the statement of operations.

##### (e) Measurement Uncertainty

The preparation of the financial statements in accordance with Canadian public sector accounting standards, requires management to make estimates regarding significant items such as allowances for uncollectible receivables, amounts relating to impairment assessments and amortization of tangible capital assets that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Where measurement uncertainty exists, the financial statements have been prepared within reasonable limits of materiality. Actual results could differ from those estimates.

8.



**CAPITAL REGION SOUTHWEST WATER SERVICES COMMISSION**

**NOTES TO FINANCIAL STATEMENTS (CONT'D)**

**DECEMBER 31, 2019**

**3. INVESTMENTS**

	<u>2019</u>	<u>2018</u>
Bonds	\$ 5,804,080	\$ 3,527,358
Accrued interest	107,387	71,551
Unamortized premium (discount)	<u>11,756</u>	<u>(966)</u>
	<u>\$ 5,923,223</u>	<u>\$ 3,597,943</u>

Market value at December 31, 2019 is \$5,910,665 (2018 - \$3,562,759). The investments consist of a mix of bonds with rates of return between 1.2% and 2.6%, maturing between 2020 and 2024. The income from these investments is being reinvested as received.

**4. DEFERRED REVENUE**

Deferred revenue consists of the following amounts, which have been restricted by third parties for a specified purpose. These amounts are recognized as revenue in the period in which the related expenditures are incurred.

	<u>2019</u>	<u>2018</u>
Provincial government conditional grants	\$ 130,145	\$ 132,204
Local government conditional grants	<u>28,829</u>	<u>29,057</u>
	<u>\$ 158,974</u>	<u>\$ 161,261</u>

**5. LONG-TERM DEBT**

	<u>2019</u>	<u>2018</u>
Debenture debt held by Alberta Capital Finance Authority, repayable in semi-annual installments of \$34,371 including interest at 4.589%; due December 15, 2034.	\$ 739,510	\$ 773,153
Debenture debt held by Alberta Capital Finance Authority, repayable in semi-annual installments of \$12,580 including interest at 2.832%; due June 15, 2028.	<u>188,890</u>	<u>208,289</u>
	<u>\$ 928,400</u>	<u>\$ 981,442</u>

Future principal and interest repayments are as follows:

	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2020	\$ 55,157	\$ 38,746	\$ 93,903
2021	57,360	36,543	93,903
2022	59,655	34,248	93,903
2023	62,046	31,857	93,903
2024	64,538	29,365	93,903
Thereafter	<u>629,644</u>	<u>145,839</u>	<u>775,483</u>
	<u>\$ 928,400</u>	<u>\$ 316,598</u>	<u>\$ 1,244,998</u>

Debenture debt is repayable to Alberta Capital Finance Authority and is issued on the credit and security of the Commission at large.

**CAPITAL REGION SOUTHWEST WATER SERVICES COMMISSION**

**NOTES TO FINANCIAL STATEMENTS (CONT'D)**

**DECEMBER 31, 2019**

**5. LONG-TERM DEBT (CONTINUED)**

Section 3 of Alberta Regulation No. 76/2000 requires that debt and debt limits for the Capital Region Southwest Water Services Commission be disclosed as follows:

	<u>2019</u>	<u>2018</u>
Total debt limit	\$18,997,318	\$17,391,834
Total debt	<u>928,400</u>	<u>981,442</u>
Total debt limit remaining	<u>\$18,068,918</u>	<u>\$16,410,392</u>
Debt servicing limit	\$ 3,324,531	\$ 3,043,571
Debt servicing	<u>93,903</u>	<u>93,903</u>
Total debt servicing remaining	<u>\$ 3,230,628</u>	<u>\$ 2,949,668</u>

The debt limit is calculated as 2 times revenue of the Commission (as defined in Alberta Regulation No. 76/2000) and the debt service limit is calculated at 0.35 times such revenue. Incurring debt beyond these limitations requires approval by the Minister of Municipal Affairs. These thresholds are guidelines used by Alberta Municipal Affairs to identify commissions that could be at financial risk if further debt is acquired. The calculation taken alone does not represent the financial stability of the Commission. Rather, the financial statements must be interpreted as a whole.

**6. ACCUMULATED SURPLUS**

Accumulated surplus consists of unrestricted surplus, restricted surplus and equity in tangible capital assets as follows:

	<u>2019</u>	<u>2018</u>
Unrestricted surplus	\$ 472,019	\$ 136,250
Restricted surplus (Note 7)	8,603,697	6,371,076
Equity in tangible capital assets (Note 8)	<u>22,930,827</u>	<u>23,161,454</u>
	<u>\$ 32,006,543</u>	<u>\$ 29,668,780</u>

**7. RESTRICTED SURPLUS**

Reserves are established at the discretion of the Board of Directors to set aside funds for future operating and capital purposes.

	<u>2019</u>	<u>2018</u>
Water system expansion	\$ 5,359,218	\$ 3,401,324
Pump upgrades	1,265,395	1,031,616
Capital equipment	1,154,447	1,157,045
General operations	471,618	428,072
Emergency operations	200,000	200,000
Rate stabilization	<u>153,019</u>	<u>153,019</u>
	<u>\$ 8,603,697</u>	<u>\$ 6,371,076</u>

**CAPITAL REGION SOUTHWEST WATER SERVICES COMMISSION**

**NOTES TO FINANCIAL STATEMENTS (CONT'D)**

**DECEMBER 31, 2019**

**8. EQUITY IN TANGIBLE CAPITAL ASSETS**

	<u>2019</u>	<u>2018</u>
Tangible capital assets (Schedule I)	\$ 30,039,650	\$ 29,873,103
Accumulated amortization (Schedule I)	(6,180,423)	(5,730,207)
Long-term debt (Note 5)	<u>(928,400)</u>	<u>(981,442)</u>
	<u>\$ 22,930,827</u>	<u>\$ 23,161,454</u>

**9. RELATED PARTY TRANSACTIONS**

**a) Members' Charges**

Included in water sales revenue are charges to participating municipalities based upon usage by respective residents in the following amounts:

	<u>2019</u>	<u>2018</u>
City of Leduc	\$ 4,406,900	\$ 4,280,564
City of Beaumont	2,068,867	1,950,431
Leduc County	1,245,994	1,078,367
Edmonton International Airport	852,972	556,270
Town of Calmar	355,195	348,674
Town of Millet	284,950	276,388
Village of Hay Lakes	63,708	54,533
Camrose County	<u>14,110</u>	<u>9,640</u>
	<u>9,292,696</u>	<u>8,554,867</u>

**b) Contributions from Members**

Contributions were received from members to cover annual debenture payments in the following amounts:

	<u>2019</u>	<u>2018</u>
Leduc County	\$ 46,481	\$ 40,254
Village of Hay Lakes	33,429	28,951
County of Camrose	<u>13,992</u>	<u>12,117</u>
	<u>\$ 93,902</u>	<u>\$ 81,322</u>

**c) Management and Operating Contract Fees**

During the year, the Commission paid \$137,278 (2018 - \$133,032) in management fees and \$404,641 (2018 - \$392,094) in operating fees to the City of Leduc.

**d) Accounts Receivable**

The year end accounts receivable balance includes a total of \$900,756 (2018 - \$653,627) receivable from member municipalities. All amounts were current.

**e) Accounts Payable and Accrued Liabilities**

The year end accounts payable and accrued liabilities balance includes a total of \$47,796 (2018 - \$48,814) owing to member municipalities.

These transactions are in the normal course of operations and are measured at the exchange amounts as established and agreed to by the related parties.

**CAPITAL REGION SOUTHWEST WATER SERVICES COMMISSION**

**NOTES TO FINANCIAL STATEMENTS (CONT'D)**

**DECEMBER 31, 2019**

**10. FINANCIAL INSTRUMENTS**

The Commission's financial instruments consist of cash, investments, accounts receivable, accounts payable and accrued liabilities and long-term debt. It is management's opinion that the Commission is not exposed to significant interest, currency or credit risk arising from these financial instruments. Unless otherwise noted, the fair values of these financial instruments approximate their carrying values.

**11. BUDGET INFORMATION**

The budget figures presented in these financial statements are based on the 2019 final budget adopted by the Board on February 21, 2019.

The amounts below reconcile the approved budget to the figures reported in these financial statements:

	<u>2019</u>
Excess of revenue over expenses	\$ 2,742,830
Tangible capital asset purchases	(890,842)
Transfers to accumulated surplus	(1,798,946)
Debenture principal repayments	<u>(53,042)</u>
	<u>                    -</u>

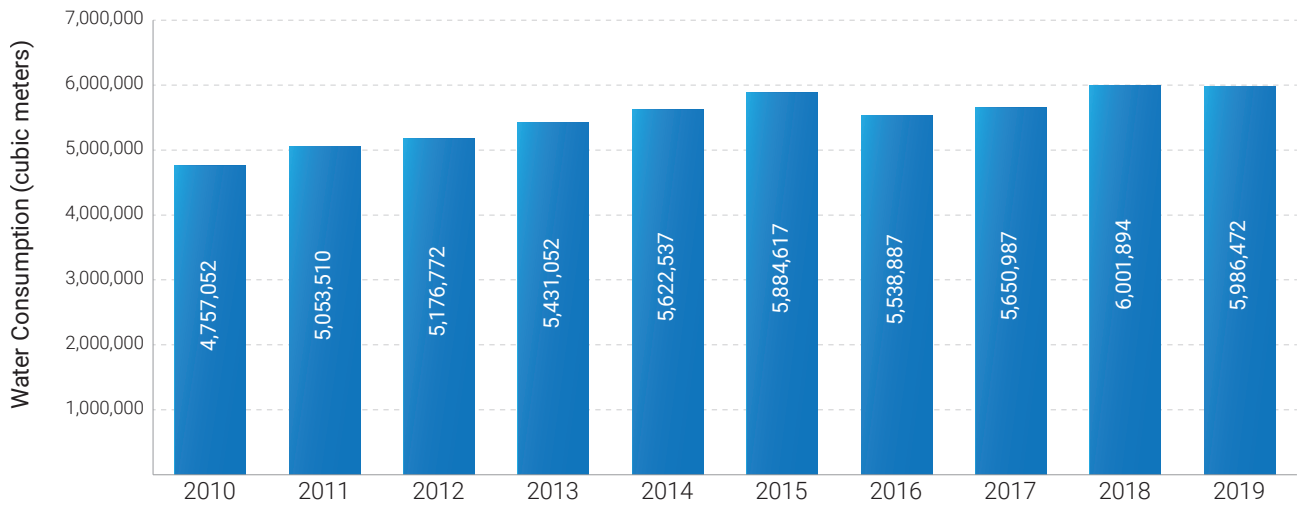
## Water Sales Percent *(Note : All values are in cubic meters)*

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>Water Purchases</b>	4,724,985	4,757,052	5,053,510	5,176,772	5,431,052	5,622,537	5,884,617	5,538,887	5,650,987	6,001,894	5,986,472
<b>City of Leduc</b>	2,640,576	2,619,184	2,784,215	2,841,830	2,989,374	2,929,991	3,024,774	2,809,860	2,775,148	2,911,949	2,771,635
<i>percentage</i>	54.8%	55.1%	55.2%	55.1%	55.2%	53.6%	52.9%	52.4%	50.7%	50.0%	47.4%
<b>City of Beaumont</b>	1,052,362	1,018,321	1,071,211	1,103,036	1,148,384	1,205,832	1,307,363	1,285,008	1,277,175	1,326,824	1,301,174
<i>percentage</i>	21.9%	21.4%	21.2%	21.4%	21.2%	22.1%	22.9%	23.9%	23.3%	22.8%	22.3%
<b>Leduc County</b>	607,477	585,403	704,122	715,710	767,430	773,719	804,621	679,266	668,132	733,584	783,644
<i>percentage</i>	12.6%	12.3%	14.0%	13.9%	14.2%	14.2%	14.1%	12.7%	12.2%	12.6%	13.4%
<b>Town of Calmar</b>	226,433	203,572	190,481	194,065	204,777	215,174	217,182	229,300	233,459	237,193	223,393
<i>percentage</i>	4.7%	4.3%	3.8%	3.8%	3.8%	3.9%	3.8%	4.3%	4.3%	4.1%	3.8%
<b>International Airport</b>	288,387	275,431	262,791	271,026	266,433	302,528	321,527	319,299	330,425	378,415	536,461
<i>percentage</i>	6.0%	5.8%	5.2%	5.3%	4.9%	5.5%	5.6%	6.0%	6.0%	6.5%	9.2%
<b>Village of Hay Lakes</b>		22,737	31,397	34,498	35,760	38,207	37,686	37,035	35,526	37,097	40,068
<i>percentage</i>		0.5%	0.6%	0.7%	0.7%	0.7%	0.7%	0.7%	0.6%	0.6%	0.7%
<b>New Sarepta</b>		32,404	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<i>percentage</i>		0.7%									
<b>Camrose County</b>						67	5,118	6,372	5,689	6,558	8,874
<i>percentage</i>						0.0%	0.1%	0.1%	0.1%	0.1%	0.2%
<b>Town of Millet</b>									144,750	188,019	179,214
<i>percentage</i>									2.6%	3.2%	3.1%
<b>Total Sales</b>	4,815,235	4,757,052	5,044,217	5,160,165	5,412,158	5,465,518	5,718,271	5,366,140	5,470,304	5,819,639	5,844,463
<b>% Year Increase</b>	2.2%	-1.2%	6.0%	2.3%	4.9%	1.0%	4.6%	-6.2%	1.9%	6.4%	0.4%

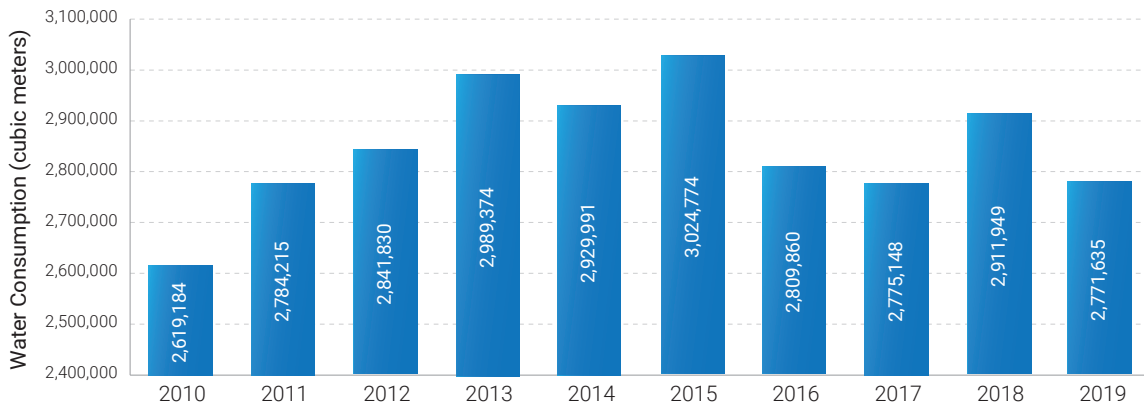
Average Increase of 2.10% Per Year Over Ten Year Period

**Note: Percent increases are reflective of previous year sales.**

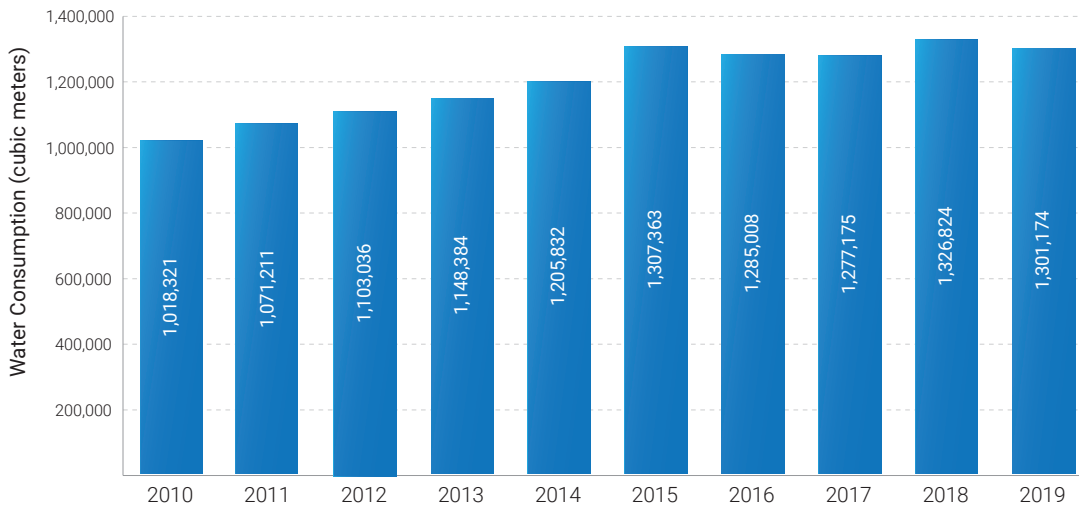
Regional Water Commission  
Annual Water Consumption (2010-2019)



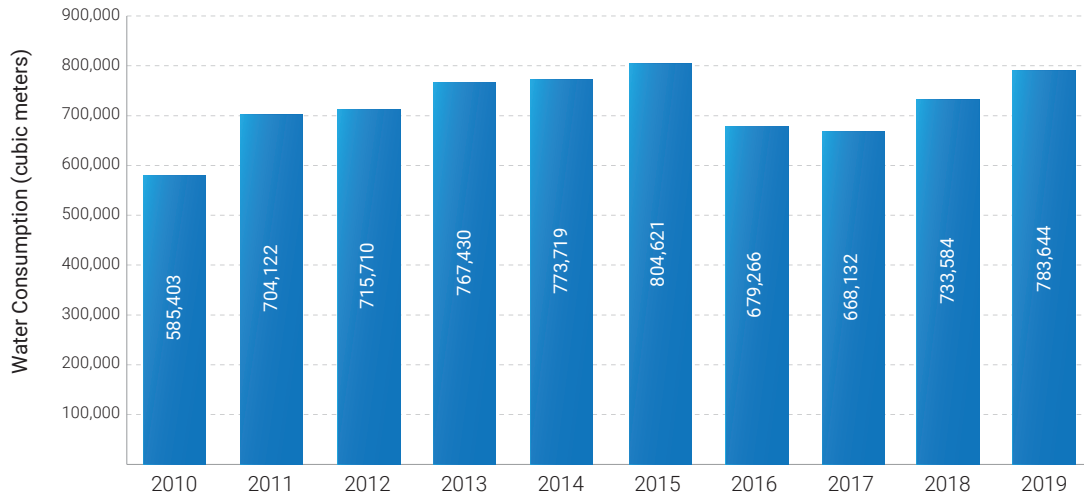
City of Leduc  
Annual Water Consumption (2010-2019)



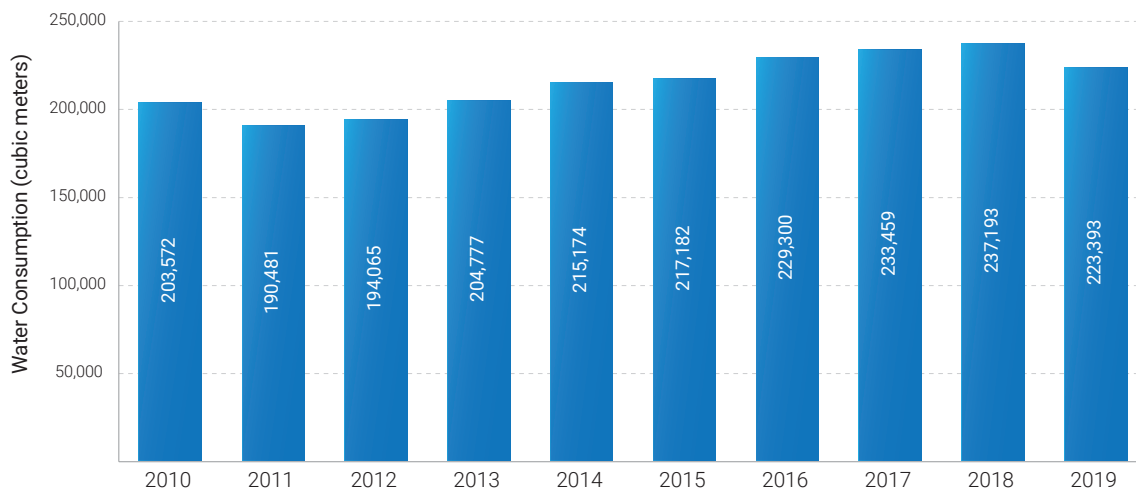
City of Beaumont  
Annual Water Consumption (2010-2019)



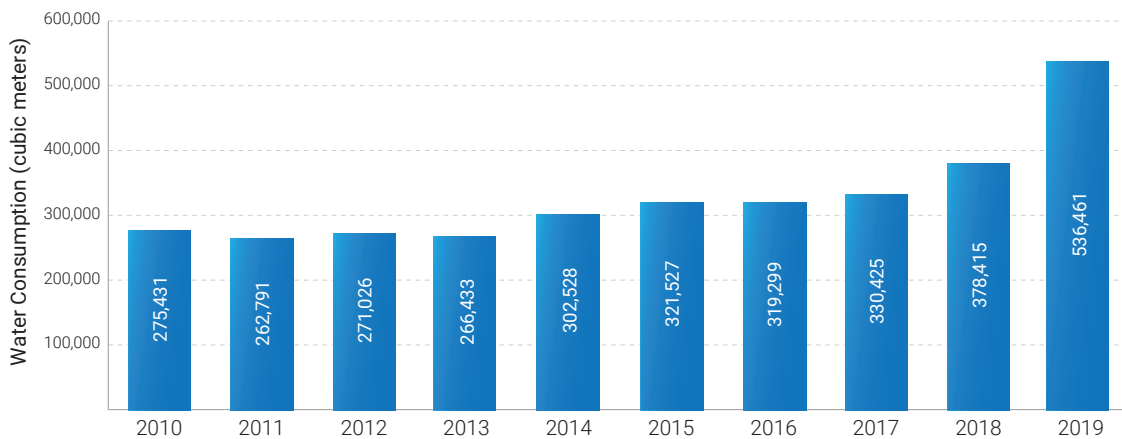
Leduc County  
Annual Consumption (2010-2019)



Town of Calmar  
Annual Water Consumption (2010-2019)

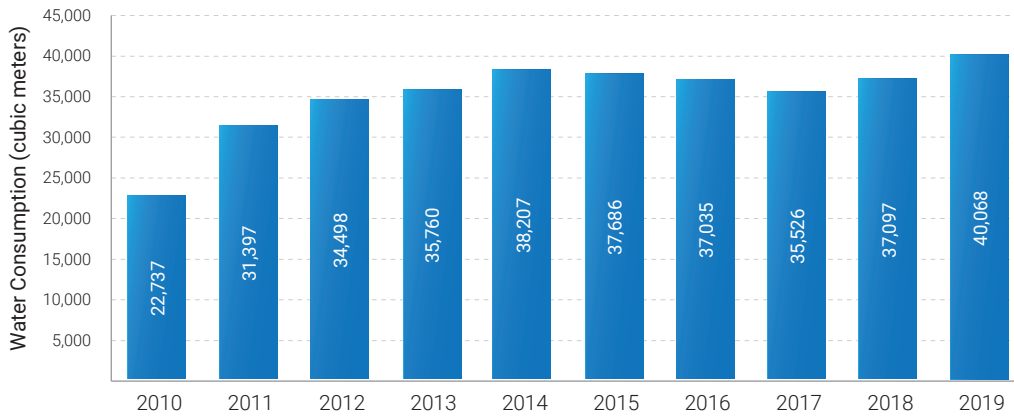


Edmonton International Airport  
Annual Water Consumption (2010-2019)



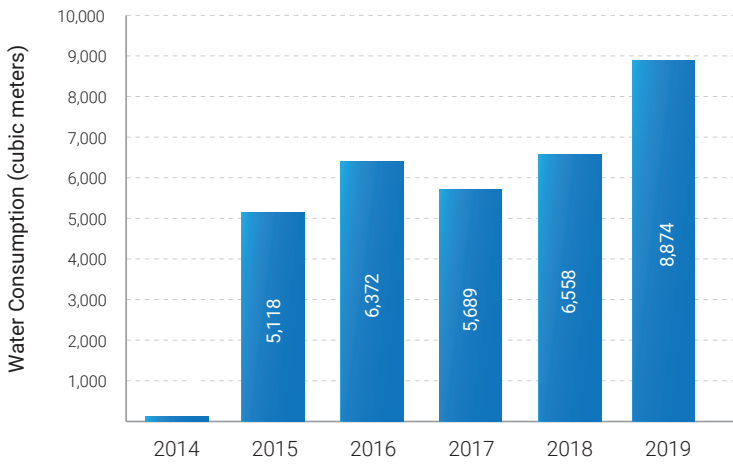
Village of Hay Lakes

Annual Water Consumption (2010-2019)



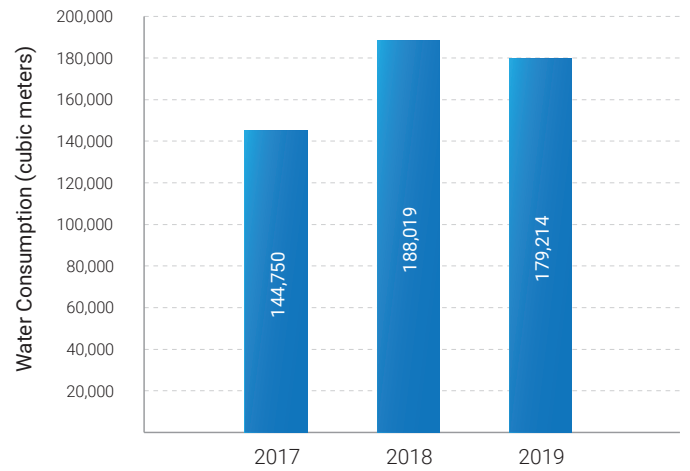
Camrose County Annual

Water Consumption (2014-2019)



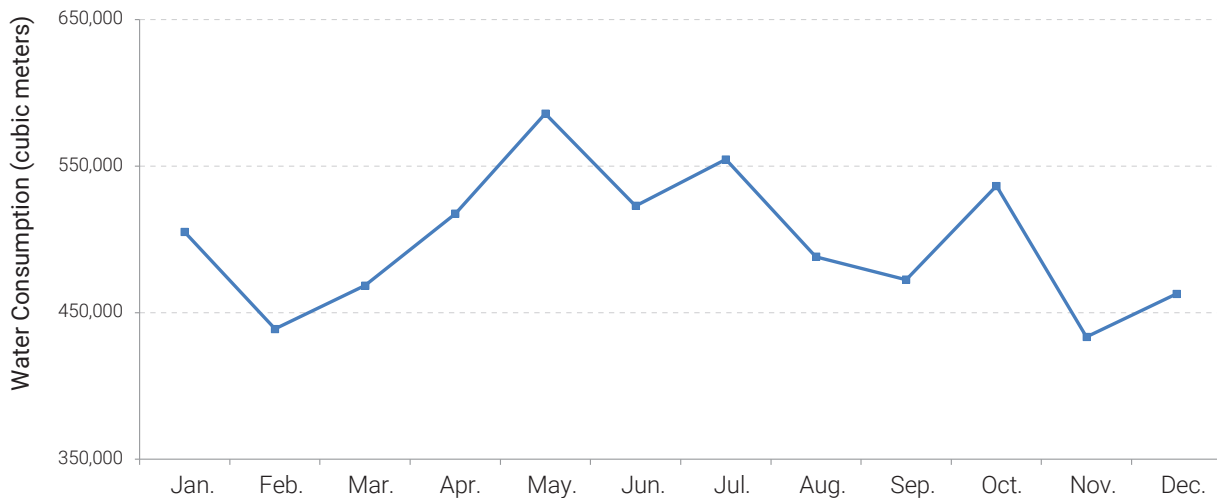
Town of Millet Annual

Water Consumption (2017-2019)



Water Commission Consumption

2019 Water Demand

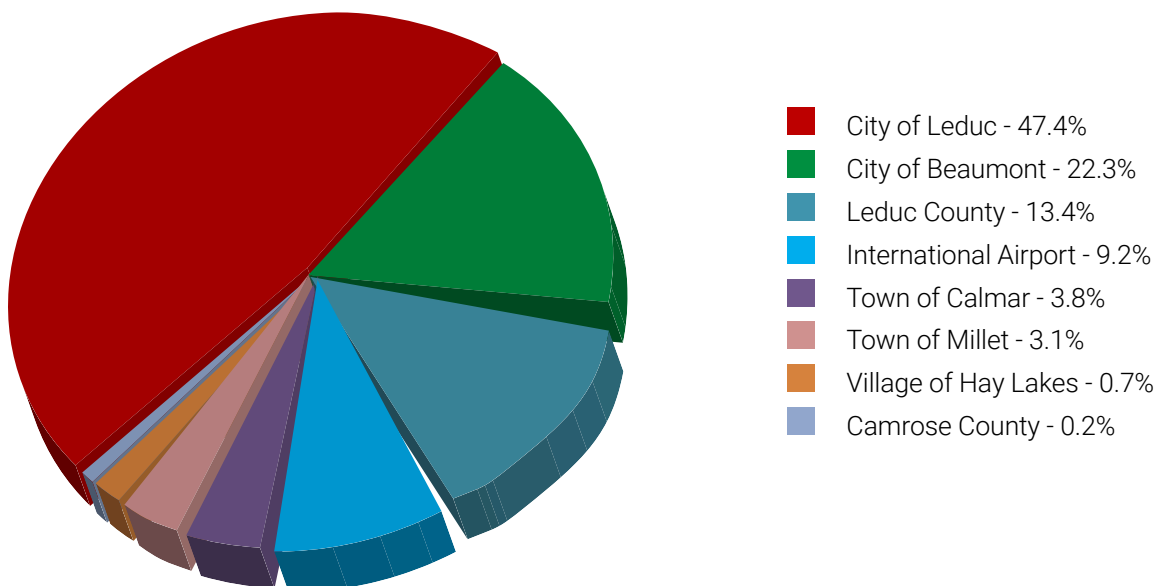




## 2019 Water Sales *(Note : All values are in cubic meters)*

Customers	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	TOTAL
<b>City of Leduc</b>	247,309	209,825	221,040	237,423	255,386	241,649	258,134	227,061	221,539	247,896	192,650	211,723	2,771,635
<b>City of Beaumont</b>	116,259	98,724	101,797	113,271	135,479	115,644	117,857	103,175	99,096	111,607	90,424	97,841	1,301,174
<b>Leduc County</b>	66,453	51,272	56,845	65,516	84,632	57,241	66,501	63,680	61,406	75,776	71,724	62,598	783,644
<b>Town of Calmar</b>	19,113	16,016	17,363	19,293	21,187	21,211	21,892	19,681	17,120	19,541	14,829	16,147	223,393
<b>International Airport</b>	39,168	34,789	42,708	49,796	50,582	50,193	52,049	43,622	41,683	46,053	35,445	50,373	536,461
<b>Village of Hay Lakes</b>	3,147	3,061	2,635	3,105	5,297	5,129	4,896	2,544	2,583	2,888	2,290	2,493	40,068
<b>Camrose County</b>	339	268	450	923	1,987	1,011	999	378	453	1,093	345	628	8,874
<b>Town of Millet</b>	15,552	13,759	14,517	15,637	16,348	16,183	17,181	15,803	13,612	15,349	12,253	13,020	179,214
<b>Total Sales</b>	507,340	427,714	457,355	504,964	570,898	508,261	539,509	475,944	457,492	520,203	419,960	454,823	5,844,463
<b>Master Meter Purchases</b>	505,023	438,912	468,439	517,460	585,822	522,929	554,564	488,092	472,528	536,473	433,436	462,794	5,986,472
<b>Water Differential</b>	2,317	(11,198)	(11,084)	(12,496)	(14,924)	(14,668)	(15,055)	(12,148)	(15,036)	(16,270)	(13,476)	(7,971)	(142,009)

### 2019 Customer Share of Water Sales





**Operations Team**

**Back Row (L. to R.):** Rick Cannon, Keung Lee, Jason Lindbeck, Darrell Claydon, Patrick Martin, Randy Plican

**Front Row (L. to R.):** Shawn Tooth, James Sew, Mark D'aoust



**Management Team**

**Back Row (L. to R.):** Shawn Olson, Shannon Bremner, Rick Sereda

**Front Row (L. to R.):** Carol Hounsell, Samantha Folster, Gerard Del Rosario

**Regrets:** Shawn Tooth, Pamela Regier, Lauren Padgham



