



Agenda

Call to Order

National Anthem

1.0 Additions to the Agenda

2.0 Adoption of Agenda

3.0 Corrections or Amendments:

3.1. November 25, 2020, Regular Meeting of Council Minutes 3-7

3.2. December 9, 2020, Special Meeting of Council Minutes 8-10

4.0 Adoption of:

4.1. November 25, 2020, Regular Meeting of Council Minutes

4.2. December 9, 2020, Special Meeting of Council Minutes

5.0 Delegations / Administrative Updates

5.1. Elevated Experience Camping – Carmen and Jason Roberts-Kowalchuk (Call-In) 11-28

5.2. Drayton Valley RCMP Stats – November 2020 – Acting S/Sgt. Erin Matthews 111-118

6.0 Decision Items Pages 29-93

6.1. Internal Drayton Valley Recreation Committee - Terms of Reference 29-33

6.2. Local Energy Stewardship Plan for Partners for Climate Protection
Program (PCP) Milestone Framework 34-91

6.3. 2021 Property Tax Forgiveness Request 92-93

7.0 Department Reports

7.1. Planning and Development Matt Ellis

7.2. Community Services and FCSS Annette Driessen

7.3. Emergency Services Tom Thomson

7.4. Safety and Protective Services Merlin Klassen

7.5. CAO/Administration/Capital Project Update Winston Rossouw

8.0 Council Reports

8.1. Councillor McGee

8.2. Councillor Wheeler

8.3. Councillor Ballas

8.4. Councillor Peebles

8.5. Councillor Dodds

8.6. Deputy Mayor Gammana

8.7. Mayor Doerksen

9.0	Information Items	Pages 94-118
9.1.	Drayton Valley Municipal Library Minutes – October 15, 2020 and October Stats	95-101
9.2.	Brazeau Foundation Meeting Minutes – October 19, 2020	102-103
9.3.	STAR Catholic Schools Board Meeting Highlights – November 2020	104
9.4.	Sustainability Committee Meeting Notes – November 4, 2020	105-106
9.5.	Yellowhead Regional Library Board Meeting Minutes – October 5, 2020	107-110
9.6.	Drayton Valley RCMP Stats – November 2020	111-118
10.0	Adjournment	



Meeting Minutes

THOSE PRESENT:

Mayor Doerksen
Councillor Ballas
Councillor Dodds (Call-In)
Deputy Mayor Gammana
Councillor McGee
Councillor Peebles
Councillor Wheeler
Winston Rossouw, CAO
Elvera Thomson, General Manager of Finance
Annette Driessen, General Manager of Community Services
Matt Ellis, Senior Planner & Assistant Director of Emergency Management

Bree Motkoski, Executive Assistant
Sabine Landmark, Administrative Assistant
Nathan Palovcik, Manager of Information Services
Tom Thomson, Fire Chief
Acting S/Sgt. Erin Matthews, RCMP
Graham Long, Drayton Valley and District Free Press (Call-In)
Cathy Weetman, Drayton Valley Western Review
Members of the Public (Call-In)

ABSENT:

CALL TO ORDER

Mayor Doerksen called the meeting to order at 9:01 a.m.

1.0 Additions to the Agenda

Following item was added to the Agenda:
6.5. Closed Session: CAO – FOIP section 24(1)(b)(i)

2.0 Adoption of Agenda

RESOLUTION #171/20

Councillor Peebles moved to adopt the Agenda for the November 25, 2020, Regular Meeting of Council, as presented.

CARRIED

3.0 Corrections or Amendments:

3.1. October 28, 2020, Regular Meeting of Council Minutes

There were no corrections or amendments to the October 28, 2020, Regular Meeting of Council Minutes.

3.2. October 28, 2020, Organizational Meeting of Council Minutes

There were no corrections or amendments to the October 28, 2020, Organizational Meeting of Council Minutes.

4.0 Adoption of:

4.1. October 28, 2020, Regular Meeting of Council Minutes

RESOLUTION #172/20

Councillor Ballas moved to adopt the Minutes of the October 28, 2020, Regular Meeting of Council, as presented.

CARRIED

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Minutes of November 25, 2020
Page 2 of 5**

4.2. October 28, 2020, Organizational Meeting of Council Minutes

RESOLUTION #173/20

Councillor McGee moved to adopt the Minutes of the October 28, 2020, Organizational Meeting of Council, as presented.

CARRIED

5.0 Delegations

- 5.1. Drayton Valley RCMP Stats – October 2020 – Acting S/Sgt. Erin Matthews
Acting S/Sgt. Matthews presented Council with the stats for the month of October 2020. She further provided an update on the pilot project that she is working on with Alberta Health Services to have mental health support workers on calls.

6.0 Decision Items

- 6.1. Proposed Repealing Bylaw 2020/13/C to repeal the Drayton Valley - Brazeau Recreation Board Bylaw 2020/01/C and Drayton Valley Brazeau Recreation Board Amending Bylaw 2020/05/C; Presented for First, Second, and Third Reading

RESOLUTION #174/20

Councillor McGee made a tabling motion.

CARRIED

Mr. Rossouw exited the meeting at 9:31 a.m.

Mr. Rossouw returned to the meeting at 9:33 a.m.

Ms. Fancey entered the meeting at 9:36 a.m.

Mr. Rossouw exited the meeting at 9:38 a.m.

- 6.2. Subdivision Application DV/20/02 4114 & 4102 62 Street; (Lots 2 & 3; Plan 982 2982)

RESOLUTION #175/20

Councillor Wheeler moved that Council approve proposed Subdivision DV/20/02 subject to the conditions noted below:

- The Developer is to engage an Alberta Land Surveyor to prepare a plan of subdivision in accordance with the Town's block numbering system for registration at the Alberta Land Titles Office subject to the attached subdivision plan.
- That the Applicant submits an endorsement fee of \$200 to the Town of Drayton Valley at the time the Plan is submitted for endorsement.

CARRIED

Mayor Doerksen called a break at 9:40 a.m.

Mayor Doerksen reconvened the meeting at 9:46 a.m.

Mr. Rossouw returned to the meeting at 9:46 a.m.

- 6.3. Approval of Revised 2021 Council Meeting Schedule

RESOLUTION #176/20

Councillor Wheeler moved that Council approve the revised 2021 Meeting Schedule for Council/Committee meetings, as presented.

CARRIED

- 6.4. Appointment of Returning Officer

RESOLUTION #177/20

Councillor Peebles moved that Council appoint Jennifer Fancey as the Returning Officer for the 2021 Municipal General Election.

CARRIED

6.5. Closed Session: CAO – FOIP section 24(1)(b)(i)

RESOLUTION #178/20

Councillor Wheeler moved that Council move into closed session at 9:50 a.m. pursuant to FOIP section 24(1)(b)(i).

CARRIED

RESOLUTION #179/20

Councillor Ballas moved that Council move out of Closed Session at 10:52 a.m.

CARRIED

Mayor Doerksen called a break at 10:52 a.m.

Mayor Doerksen reconvened the meeting at 10:57 a.m.

RESOLUTION #180/20

Councillor Wheeler moved that Council accept the resignation of Mr. Rossouw as outlined in his letter received November 16 with the resignation date of January 8, based on the terms and conditions discussed; AND furthermore appoint Annette Driessen as Acting CAO on January 8, 2021.

CARRIED

7.0 Department Reports

7.1. Planning and Development

Mr. Ellis provided an update of the activities in the Planning and Development department.

7.2. Community Services and FCSS

Ms. Driessen provided an update on the activities from the Community Services department, Early Childhood Development Centre, Park Valley Pool, and FCSS.

7.3. Emergency Services

Fire Chief Thomson presented the Fire Services stats for the month of October 2020 and commented that with the new COVID restrictions Fire Services has received many calls from local businesses asking for an occupancy assessment.

Councillor Wheeler asked to receive financial information regarding calls and the contributions towards these from Town and County.

7.4. Safety and Protective Services

Mr. Klassen advised that his department is looking at the audit requirements; he advised of a recent incident; and provided a COVID-19 update.

Councillor Ballas exited the meeting at 11:32 a.m.

7.5. CAO/Administration/Capital Project Update

Mr. Rossouw provided an update on capital projects and commented on the COVID-19 situation.

Councillor Ballas returned to the meeting at 11:35 a.m.

8.0 Council Reports

8.1. Deputy Mayor Gammana

- Education meetings
- October 29 – First Poppy presentation at the Royal Canadian Legion
- October 30 – Drayton Valley Multicultural Association meeting

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- November 1 – Invocation of Reverend Cook at the Anglican Church
- November 5 – Budget meeting
- November 9 – Wild Rose School Division meeting
- November 13 – Drake's Handi-Bus ribbon cutting
- November 24 – Budget meeting

8.2. Councillor McGee

- October 29 – First Poppy presentation at the Royal Canadian Legion
- November 14 – RYSE Project meeting
- November 23 – Eagle Point Blue Rapids (EPBR) Parks Council Meeting
- Commented on the passing of Drayton Valley citizen Lil Ross

8.3. Councillor Wheeler

- Regularly scheduled Budget and Council meetings

8.4. Councillor Ballas

- Regularly scheduled Budget and Council meetings
- Drayton Valley Municipal Library Board meeting
- Alberta Hemp Alliance meeting

8.5. Councillor Peebles

- Alberta Hemp Alliance meeting
- Homelessness and Poverty Reduction Strategy Committee meeting

8.6. Councillor Dodds

- Sustainability Committee meeting
- Regularly scheduled Budget and Council meetings
- Economic Development Committee meeting
- Drake's Handi-Bus ribbon cutting
- Drayton Valley and District Chamber of Commerce meeting
- Meeting with Minister of Advanced Education

8.7. Mayor Doerksen

- November 13 – Drake's Handi-Bus ribbon cutting
- Budget meetings

9.0 Information Items

-
- 9.1. Drayton Valley Multicultural Association Meeting Minutes – January 6, 2020, February 3, 2020, March 2, 2020, and October 5, 2020
-
- 9.2. Economic Development Committee Meeting Minutes – September 8, 2020
-
- 9.3. Drayton Valley / Brazeau County Fire Services Stats – October 2020
-
- 9.4. Drayton Valley RCMP Stats – October 2020
-

RESOLUTION #181/20

Deputy Mayor Gammana moved that Council accept the above items as information, as presented.

CARRIED

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10.0 Adjournment

Mayor Doerksen adjourned the meeting at 11:52 a.m.

MAYOR

CHIEF ADMINISTRATIVE OFFICER

DRAFT



Meeting Minutes

THOSE PRESENT:

Mayor Doerksen
Councillor Ballas
Councillor Dodds (Call-In)
Deputy Mayor Gammana
Councillor McGee
Councillor Peebles
Councillor Wheeler
Winston Rossouw, CAO
Manny Deol, Assistant CAO
Elvera Thomson, General Manager of Finance
Clayton Seely, Chartered Professional Accountant, CRS LLP

Annette Driessen, General Manager of Community Services
Jennifer Stone, Intergovernmental Relations & Communications
Nathan Palovcik, Manager of Information Services
Sabine Landmark, Administrative Assistant
Cathy Weetman, Western Review (Call-In)
Graham Long, Drayton Valley & District Free Press (Call-In)

Absent:

1.0 CALL TO ORDER

Mayor Doerksen called the meeting to order at 9:06 a.m.

2.0 Adoption of Agenda

RESOLUTION #182/20

Deputy Mayor Gammana moved to adopt the Agenda for the December 9, 2020, Special Meeting of Council, as presented.

CARRIED

3.0 Mayor's Message

Mayor Doerksen provided a message reflecting on the achievements and challenges in the year 2020.

4.0 Decision Items

4.1 Humans Helping Humans Grant Funding

Councillor Peebles declared pecuniary interest and exited the meeting at 9:22 a.m.

Mr. Rossouw exited the meeting at 9:24 a.m.

Mr. Seely exited the meeting at 9:25 a.m.

RESOLUTION #183/20

Councillor Dodds moved that Town Council provide a letter of support to Humans Helping Humans to assist them in pursuing grant funding through the Rapid Housing Initiative.

Councillor Wheeler made a friendly amendment to add at the end "that includes waiving the fees for municipal charges which may include taxes as well."

Councillor Dodds accepted the friendly amendment.

CARRIED AS AMENDED

Mr. Seely returned to the meeting at 9:31 a.m.

4.2 2021 Interim Fee Schedule

4.2.1 2021 Interim Total Works Fitness Centre Fee Schedule

RESOLUTION #184/20

Councillor Ballas moved that Town Council approve the 2021 Interim Total Works Fee Schedule as presented.

CARRIED

Councillor Peebles returned to the meeting at 9:34 a.m.

Mr. Ellis entered the meeting at 9:35 a.m.

4.2.2 2021 Interim Fee Schedule

RESOLUTION #185/20

Councillor Wheeler moved that Town Council approve the 2021 Interim Fee Schedule as presented.

CARRIED

4.3 2021 Interim Budget

Deputy Mayor Gammana declared a pecuniary interest with item 4.3.1 "2021 Interim Operating Budget for Public Health and Welfare" and exited the meeting at 9:37 a.m.

4.3.1 2021 Interim Operating Budget for Public Health and Welfare

RESOLUTION #186/20

Councillor Wheeler moved that Council approve the 2021 Interim Operating Budget for Public Health and Welfare as presented for the Town of Drayton Valley with:

Operating Revenues	1,564,371
Operating Expenditures	2,060,919

Net Deficit	\$496,549

CARRIED

Mr. Deol exited the meeting at 9:43 a.m.

Deputy Mayor Gammana returned to the meeting at 9:43 a.m.

Councillor Peebles declared a pecuniary interest with item 4.3.2 "2021 Interim Operating Budget for Parks and Recreation" and exited the meeting at 9:43 a.m.

4.3.2 2021 Interim Operating Budget for Parks and Recreation

Mr. Deol returned to the meeting at 9:49 a.m.

RESOLUTION #187/20

Councillor McGee moved that Council approve the 2021 Interim Operating Budget for Parks and Recreation as presented for the Town of Drayton Valley with:

Operating Revenues	1,658,584
Operating Expenditures	3,554,586

Net Deficit	\$1,896,002

CARRIED

Councillor Peebles returned to the meeting at 9:51 a.m.

4.3.3 2021 Interim Operating Budget

RESOLUTION #188/20

Deputy Mayor Gammata moved that Council approve the 2021 Interim Operating Budget as presented for the Town of Drayton Valley with:

Operating Revenues	18,307,987
Taxes (gross)	14,820,926
School and Seniors Requisitions	(4,095,530)

Total Revenue	\$29,033,383
Operating Expenditures	26,790,645
Debt repayment	1,309,795
Transfers to reserves	932,943

Total Expenditures	\$29,033,383

CARRIED

4.3.4 2021 Interim Capital Budget

RESOLUTION #189/20

Councillor McGee moved that Council approve the 2021 Interim Capital Budget as presented for the Town of Drayton Valley with:

Capital Expenditures and Financing \$15,286,228

CARRIED

5.0 Adjournment

Mayor Doerksen adjourned the meeting at 10:01 a.m.

MAYOR

CHIEF ADMINISTRATIVE OFFICER



Town of Drayton Valley

Delegation Request Form

Name(s): _____

Organization: _____

Contact Number: _____ Contact E-mail: _____

Mailing Address: _____

Meeting you would like to attend as a Delegation (please check all that apply)*:

Council Meeting

Governance & Priorities Committee Meeting

Special Meeting/Presentation

Administration Meeting

* Request must be received a minimum of TWO WEEKS prior to the meeting being requested for; please refer to the Meeting Schedule for dates

Reason for Requesting Delegation:

(information only, request for funding, concern, etc)

Additional Information Provided

Please list the information you attached or included with your delegation request:

Please indicate any preference you have for meeting:

Please submit your request by:

Fax: 780.542.5753

E-mail:

admin-support@draytonvalley.ca

In person: 5120-52 ST



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OPERATION SASQUATCH

Operated by Elevated Experience Camping Society (EECS)

Summary of Operation Sasquatch

- **Operation Sasquatch** is a 7-month program that serves youth ages 14-20 years who are at-risk for unemployment and poverty.
- The program will commence March 2021.
- The mandate of “Operation Sasquatch” is to provide youth with support and skill development to help aid youth from at-risk to self-sufficient and employable.
- Youth participate in an eight-week volunteer in classroom skill education component of the program that focuses on but not limited to:



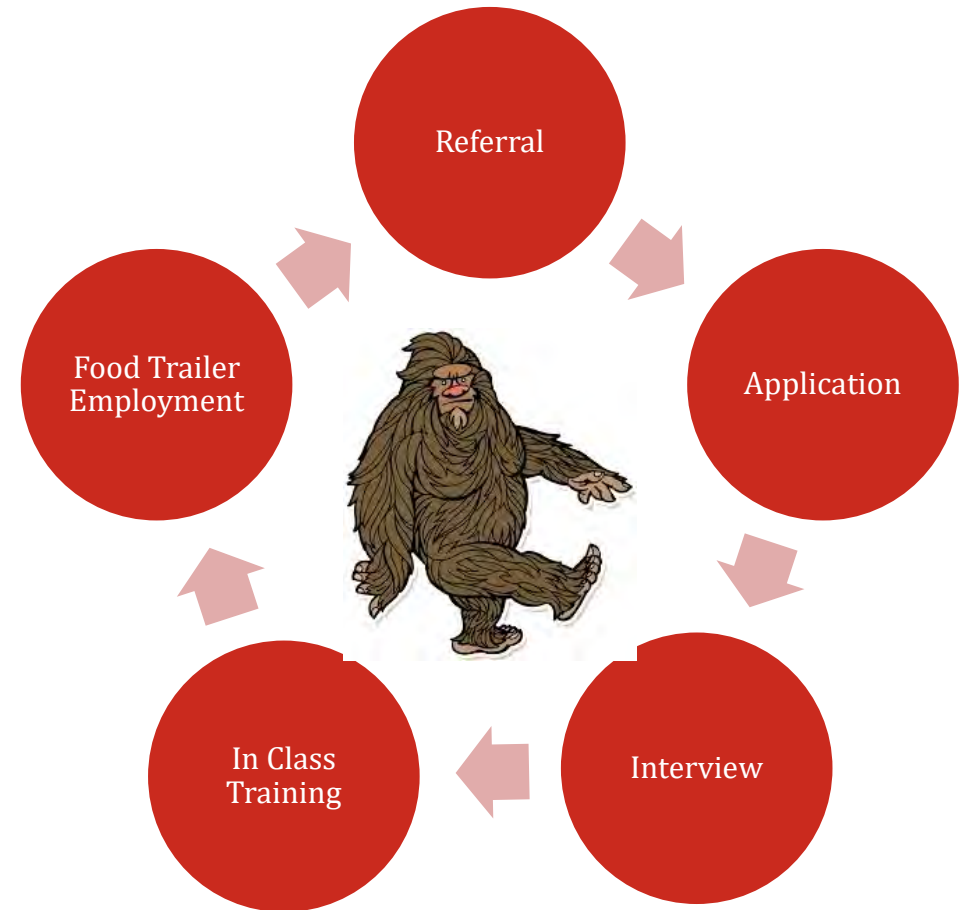
This Photo by Unknown Author is licensed under [CC BY-SA](#)

Operation Sasquatch - 5 Step Process

REFERRAL SOURCES -Youth can be referred to “Operation Sasquatch” thru a variety of sources including but not limited too:

- Teachers/schools
- Community Organizations
- Social Programs
- Word-of mouth
- Friends or family members

Referrals are completed annually from November to January. To request an application, please contact info@eecociety.com or contact 780-515-1007. All applicants will be reviewed for program suitability.



In Class and Commercial Kitchen Skill Building

- ***Basic Food
Handling***
- ***Basic Culinary and
Knife Skills***
- ***Kitchen Health and
Safety***
- ***Food Sustainability***





Team Building
Effective
Communication
Exceptional
Customer Service
Money Matters and
Budgeting

**There is no "I" in Team
but there is one in win!!!**

Michael Jordan



Entrepreneurship

The “Wow” Moment



Intake Procedure

APPLICATION



INTERVIEW



Volunteer Component Expectations

During the volunteer training component of the program, youth must:

- ❖ Attend everyday, be on time in the morning after breaks and after lunch
- ❖ Call the Mentor if they will be late or absent
- ❖ Participate in all aspects of the training
- ❖ Have a reasonable positive attitude and be respectful
- ❖ Complete all assignments
- ❖ Abide by program and building rules
- ❖ No sign of alcohol or drug use

Youth are expected to complete the training component in its entirety and to the satisfaction of the Mentor. Failure to complete will unfortunately negate the youth to complete the employment paid portion of the program (5 months).

The training component is regarded as an important time for the mentor to develop a relationship with the youth and help them develop effective and efficient punctuality, attendance and social skills needed for successful employment at the food trailer.



And Employment Begins.....





Food Prep, Cooking, Safety and Cleaning Standards

CUSTOMER SERVICE !!!!!!!!!!!

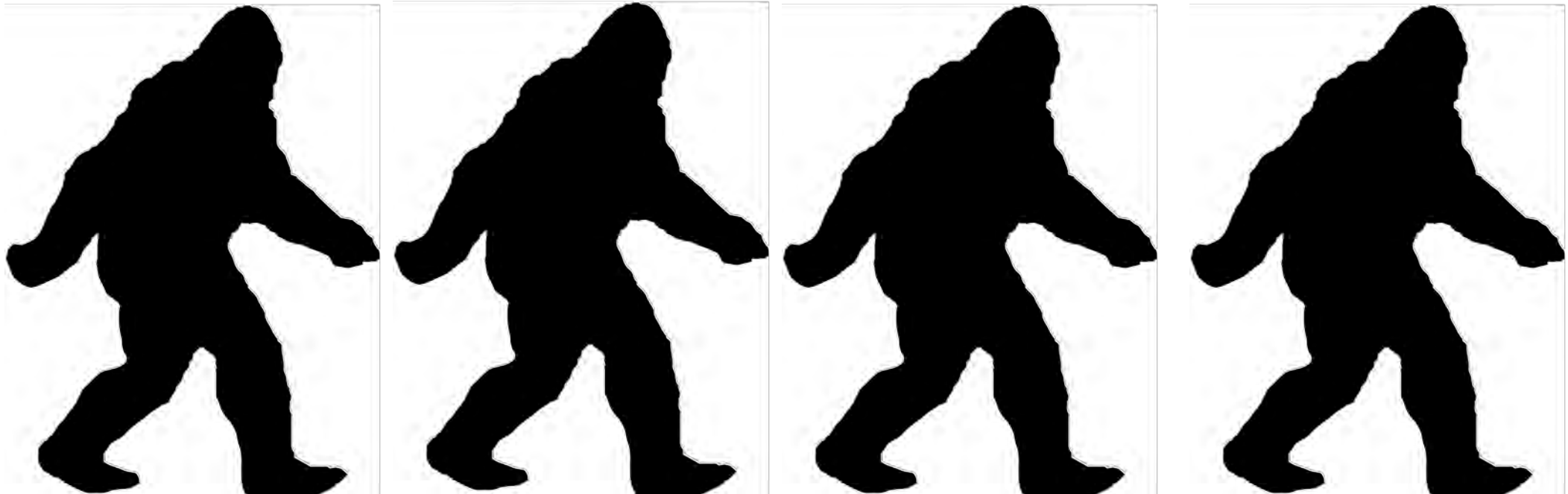
MENTORSHIP



The Mentors relationship with the youth is like a boss-employee relationship in a regular food industry setting with room for additional support, patience, and room for error.

Monthly, the Mentor will complete an evaluation of the youth's job performance. The mentor will discuss the youth's strengths and offer constructive feedback for further growth and development in the food industry. Once youth have completed the program, Operation Sasquatch will help support the youth transition to other employment opportunities with help and support from their referral source.

The End QUESTIONS???



OPERATION SASQUATCH

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Operation Sasquatch is a 7-month program that serves youth between the ages of 14 & 20 years who are at-risk for unemployment & poverty. The program will commence March 2021.

The mandate of *Operation Sasquatch* is to provide youth with support and skill development to help support youth. Helping at-risk youth become self sufficient & employable.

Youth participate in an 8-week volunteer program.



Operation Sasquatch has a classroom and skill component that focuses on, but is not limited to:

- Basic food handling
- Basic culinary & knife skills
- Kitchen health & safety
- Food sustainability
- Team building
- Effective communication
- Exceptional customer service
- Money matters & budgeting
- Entrepreneurship

In conjunction with interactive classroom workshops, youth will have the opportunity to have hands-on experience in a commercial kitchen practicing newly learned skills & developing expertise within the culinary world.

Additionally, the latter five months of the program has the youth working as a paid employee in a commercial Food Truck creating & serving the communities of central Alberta while continuing to build their diverse skill set that will help them throughout their career, in any field.

Referral Sources

Youth can be referred to *Operation Sasquatch* through a variety of courses including but not limited to:

- Teachers & schools
- Community organizations
- Social programs
- Word-of-mouth
- Friends or family members

Referrals are completed annually from November to January.

To request an application, or additional information regarding this exciting opportunity, please contact info@eecsociety.com or contact 780-515-1007



OPERATION SASQUATCH

Operation Sasquatch is a 7-month program that serves youth ages 14-20 years who are at-risk for unemployment and poverty. The program will commence March 2021. The mandate of “Operation Sasquatch” is to provide youth with support and skill development to help aid youth from at-risk to self-sufficient and employable. Youth participate in an eight-week volunteer in classroom skill education component of the program that focuses on but not limited to:

- Basic Food Handling
- Basic Culinary and Knife Skills
- Kitchen Health and Safety
- Food Sustainability
- Team Building
- Effective Communication
- Exceptional Customer Service
- Money Matters and Budgeting
- Entrepreneurship

In conjunction with interactive classroom workshops, youth will have an opportunity to have hands-on experience in a commercial kitchen practising newly learned skills and developing expertise within the culinary world. Additionally, the latter five months of the program has the youth working as a paid employee in a commercial Food Truck creating and serving the communities of central Alberta.

At-risk youth behaviors have both social and economically issues that have tremendous costs to both youth and our communities. Prevention through social development consists of intervention programs carefully targeted at individuals most at risk with the goal of changing the social factors and conditions such as poverty or inadequate work skills. Programs delivered on improving specific behaviors and skills tend to be more successful such as “on the job” training. For some youth, entering adulthood can possess some unique challenges for growth and development. At-risk youth can face societal barriers and challenges that can lead to undesirable social, emotional and behavior which can negatively impact future endeavors. Barriers to success for at-risk youth include such conditions familial substance abuse, violence, neglect, and poverty. Youth facing these challenges often confront situations that impedes their success in school, graduation, poor health, and employability. A youth’s ability to acquire and maintain employment contributes to an individual’s sense of identity and promotes psychological, social, and emotional well-being. When youth face barriers such as poor literacy, school failure, unstable family conditions, mental health, poor health, and delinquency reduce their ability to be successful in the workforce.

REFERRAL SOURCES

Youth can be referred to “Operation Sasquatch” thru a variety of sources including but not limited too:

- Teachers/schools
- Community Organizations



OPERATION SASQUATCH

- Social Programs
- Word-of mouth
- Friends or family members

Referrals are completed annually from November to January. To request an application, please contact info@eecssociety.com or contact 780-515-1007. All applicants will be reviewed for program suitability.

INTAKE PROCEDURE

All referral sources that have identified a youth that may be an appropriate candidate for “Operation Sasquatch”, shall contact Elevated Experience Camping Society at info@eecssociety.com or contact 780-515-1007. If a youth shows interest, has questions, or would like more details about the program an informal information session can be set up prior to the intake procedure.

February – Face to face intake process

The intake process for “Operation Sasquatch” is used to assess the youths’ commitment to being part of the program, their ability to get to and from the training and work locations and their genuine interest in the food industry, entrepreneurship and employment. The application form is used to collect information on various aspects of the youths’ lives, to help support the program to identify strengths in the youths’ life and areas where additional support may be required for their success. During the face to face intake an EECS board member and/ or the Operation Food Truck Mentor, will review the application in detail to determine youth suitability for the program. Suitability will be determined by the following:

1. Is the youth between the ages of 14-20 years of age?
2. Is the youth currently involved in street life? (Successful candidates are expected not to be involved in street life for the duration of the program including but not limited to:
 - Drug and alcohol abuse
 - Criminal activity
 - Gang involvement
 - Prostitution
 - Violence
3. Is the youth dealing with addictions? (Marijuana use does not exempt youth from the program)
4. Does the youth have a stable living situation? (Stable defined in this context means a safe living environment to sleep at consistently, and access to food daily)
5. Does the youth have serious health issues? If mental health concerns are present, a professional will need to recommend that youth for the program based on mental health stability
6. Does the youth have a reasonable level of maturity? Youth has an understanding and appropriate hygiene habits, social skills, and independence.
7. Does the youth have adequate reading and writing skills? (Reading and learning skills comparable to a grade 5 level are deemed necessary for successful completion of the training portion of the program and ability to read recipes/ customer orders and menu boards. Some exceptions may apply based on the program’s ability to accommodate.



OPERATION SASQUATCH

8. Are there conflicting interests between the youth and other participants? We will consider connections of participants. For example, romantic couples are not allowed. Siblings may be considered. Peers that have a negative history may be deemed inappropriate to take the program at the same time.

VOLUNTEER TRAINING COMPONENT

Operation Sasquatch's training sessions will be held between a designated commercial kitchen and a classroom like setting with Drayton Valley/ Brazeau County. The program will help support any transportation limitations youth may have to attend the training component of the program. The eight-week training program consists of but is not limited to:

- Basic Food Handling
- Basic Culinary and Knife Skills
- Kitchen Health and Safety
- Food Sustainability
- Team Building
- Effective Communication
- Exceptional Customer Service
- Money Matters and Budgeting
- Entrepreneurship

During the volunteer training component of the program, youth must:

- Attend everyday
- Be on time in the morning after breaks and after lunch
- Call the Mentor if they will be late or absent
- Participate in all aspects of the training
- Have a treasonable positive attitude and be respectful
- Complete all assignments
- Abide by program and building rules
- No sign of alcohol or drug use

Youth are expected to complete the training component in its entirety and to the satisfaction of the Mentor. Failure to complete will unfortunately negate the youth to complete the employment paid portion of the program (5 months).

The training component is regarded as an important time for the mentor to develop a relationship with the youth and help them develop effective and efficient punctuality, attendance and social skills needed for successful employment at the food trailer.

THE FOOD TRAILER "SASQUATCH HIDEAWAY"

Sasquatch Hideaway is a public Food Trailer that operates 7 days a week May – October annually. Operating hours are generally from 10-7pm daily. The Mentor is responsible for the success of the Food trailer and ensuring youth understand and are highly trained on all aspects of the food trailer including but not limited to:



OPERATION SASQUATCH

- Food preparation
- Cooking
- Customer Service
- Health and cleaning standards

The Mentors relationship with the youth is like a boss-employee relationship in a regular food industry setting with room for additional support, patience, and room for error. Monthly, the Mentor will complete an evaluation of the youth's job performance. The mentor will discuss the youth's strengths and offer constructive feedback for further growth and development in the food industry. Once youth have completed the program, Operation Sasquatch will help support the youth transition to other employment opportunities with help and support from their referral source.

TOWN OF DRAYTON VALLEY

REQUEST FOR DECISION


 DRAYTON VALLEY

SUBJECT:	Internal Drayton Valley Recreation Committee - Terms of Reference
MEETING:	December 16, 2020 Regular Meeting of Council
PRESENTED BY:	Annette Driessen, General Manager of Community Services

1. PROPOSAL AND BACKGROUND:

The Town of Drayton Valley, as the owner and operator of several recreation and sport facilities within the town, has an invested interest in promoting, enhancing and encouraging sport, culture, and recreation within the Town of Drayton Valley.

At its October 28, 2020, Organizational Meeting, Council recognized the significance of this investment by establishing an internal Drayton Valley Recreation Committee. Councillor Bill Ballas and Councillor Fayrell Wheeler were appointed to this Committee of Council.

Administration has prepared a draft Terms of Reference for the internal Drayton Valley Recreation Committee and presents it today for Council's consideration and approval.

2. BUDGET / GRANT / RESOURCE IMPLICATIONS:

There is no impact to the budget.

3. ALIGNMENT WITH LEGISLATION AND TOWN PLANS:

Type of Document	Yes ~ N/A ~ Partial	Comments
Provincial Acts / Regulations	N/A	
Municipal Bylaws	N/A	
Municipal Development Plan	N/A	
Sustainability Vision 2019-2021	N/A	
Town of Drayton Valley Strategic Plan 2019-2021	Yes	The 2019 - 2021 Strategic Plan, through its objectives sets out to achieve the following goals: <ul style="list-style-type: none"> Dedicate resources to infrastructure as an investment, not an afterthought. Infrastructure includes Public Works, Fire Services, Enforcement Services, Police, Trails, Parks and Recreation.
Other Plans or Policies	Yes	The Social Development Plan, through its objectives, sets out to achieve the following goals: <ul style="list-style-type: none"> Expand recreational opportunities through partnering with local user groups; Provide facility users access to modern equipment and highly trained staff; Ensure that all public recreation

		<p>facilities are wheelchair accessible and cater to those with mobility issues;</p> <ul style="list-style-type: none"> • Ensure that all public recreation facilities include family change rooms and provide appropriate signage to compensate for disparities in literacy and languages; and • A joint municipal plan for the establishment of a new aquatic facility is adopted. <p>The Community Sustainability Plan, through its objectives, sets out to achieve the following goals:</p> <ul style="list-style-type: none"> • Recreational facilities and programs are available and accessible for all; and • All development and redevelopment projects are highly energy efficient and use sustainable building practices.
--	--	--

4. POTENTIAL MOTIONS:




- A. That Town Council adopt the Drayton Valley Recreation Committee Terms of Reference as presented.
- B. That Town Council direct Administration to amend the Drayton Valley Recreation Committee Terms of Reference with the following changes:
- C. That Town Council not adopt the Drayton Valley Recreation Committee Terms of Reference as presented.

5. RECOMMENDATION

That Town Council adopt the Drayton Valley Recreation Committee Terms of Reference as presented.

6. ATTACHMENTS:

1. DRAFT Drayton Valley Recreation Committee Terms of Reference

REPORT PREPARED BY:		REVIEWED BY:	
APPROVED BY:			

TERMS OF REFERENCE

Drayton Valley Recreation Committee

These Terms of Reference set out the guidelines, powers and duties of the Drayton Valley Recreation Committee.

PURPOSE

1. The purpose of the Drayton Valley Recreation Committee is to promote, enhance and encourage sport, culture and recreation within the Town of Drayton Valley.

DEFINITIONS

2. In this Terms of Reference, including this section, unless the context otherwise requires:
 - 2.1 Committee means the Drayton Valley Recreation Committee;
 - 2.2 *Town* means the municipality incorporated within the Province of Alberta as the Town of Drayton Valley;
 - 2.3 *General Manager of Community Services* means the individual who is employed by the Town to act on the Committees behalf and provide the Committee with advisory and administrative services;
 - 2.4 *Recording Secretary* means the General Manager of Community Services for the Town of Drayton Valley or his/her designate;
 - 2.5 *Program* means those programs normally carried on in sport, culture and recreation; and
 - 2.6 *Facilities* means those facilities normally owned and operated by the Town.

COMPOSITION OF THE COMMITTEE

3. The Committee shall consist of two (2) members to be appointed by resolution of the Town.
4. Members shall be appointed for a two (2) year term from November 1st of the current year to October 31st of the second year.
5. The General Manager of Community Services shall be the Recording Secretary for the Committee and act in an advisory capacity only. The General Manager of Community Services shall not be considered a voting member or have any voting privileges.
6. The seat of any member shall become vacant upon receipt of a written resignation by the Recording Secretary. The Recording Secretary shall bring to the attention of the Town any vacancies as they arise. The Town shall make every attempt to fill the vacancy within thirty (30) days of receiving notification.

7. The Committee may create subcommittees to oversee specific aspects of recreation activities at its discretion. Subcommittees are directly accountable to the Committee.

MEETINGS

8. The Committee shall designate a Chair at its first meeting following November 1st.
9. The Committee can set the dates of its regular meetings, with regular meetings being held a minimum of once every two (2) months.
10. Special meetings to discuss urgent matters can be called by the Chair.
11. Minutes will be kept by the Recording Secretary of each meeting in a proper form. The minutes from the previous meeting and any special meetings will be presented to the Committee for approval.
12. Minutes of all meetings shall be submitted to Town Council prior to the next regular meeting of the Committee.
13. All members of the Committee are required to have a quorum for a meeting.
14. The General Manager of Community Services or his/her designate must be present in person, by phone or by video conference at all Committee meetings.
15. The minutes of the meeting shall be distributed electronically to each Committee member at least twenty-four(24) hours before the next meeting.
16. The Recording Secretary shall advise the Town of any members absent for more than three (3) consecutive meetings, and request that, if deemed appropriate, a warning correspondence be forwarded to the member. As well, if the member misses three (3) consecutive meetings, the Town be advised to decide if the member should be removed from the Committee.

POWERS AND DUTIES

17. The Committee shall initiate and provide direction for sport, culture and recreation programs as designated by the Council of the Town.
18. The Committee is directly accountable to the Council of the Town.
19. Annually, the Committee shall determine a process and complete an assessment of the region's recreation needs and establish annual priorities and long term goals and present those goals to the Town approval and/or consideration.
20. The General Manager of Community Services or his/her designate shall report regularly to Town Council.
21. The Committee and Administration shall advise or make recommendations to Council regarding:

- 21.1 Important matters dealing with sport, culture and recreation;
 - 21.2 Improvements or expansion to recreation and cultural facilities;
 - 21.3 Proposed capital projects which improve or extend the life of any recreation or cultural facility owned and operated by the Town, or jointly owned with another municipality;
 - 21.4 Opportunities and innovations to generate new revenues, provide quality customer service, and implement cost efficiencies; and
 - 21.5 Any hazards to which participants involved in programs or using facilities may come into contact with and what actions should be taken to rectify the situation.
- 22. The Committee provides an avenue for citizens and community groups to discuss, consult and put forth their ideas and concerns with respect to sport, culture and recreation.
 - 23. The Committee shall demonstrate and encourage cooperation with organizations and community groups in the promotion and partnership of program delivery.
 - 24. The Committee has no authority to pledge the credit of the Town of Drayton Valley.
 - 25. No Committee Member shall release or otherwise make public any information considered at a closed meeting, including discussion of such a meeting with persons other than with a member of members of council or with civic staff who are privy to such information:
 - 25.1 Unless authorized by the Committee, or
 - 25.2 Until the matter is included on a public agenda
 - 26. No action of the Committee shall be binding on the Town unless:
 - 26.1 Power to take such action is expressly conferred on the Committee by legislation, bylaw or resolution of Council; or
 - 26.2 Council has considered the report of the Committee and if adopted, shall become the resolve of Council.
 - 27. The Town shall provide accounting services and administrative oversight to the Committee.

TOWN OF DRAYTON VALLEY

REQUEST FOR DECISION



SUBJECT:	Local Energy Stewardship Plan for Partners for Climate Protection Program (PCP) Milestone Framework
MEETING:	December 16, 2020 Regular Meeting of Council
PRESENTED BY:	Aishah Mohd Isa Energy Program Coordinator

1. PROPOSAL AND BACKGROUND:

With Council Resolution #217/15, the Town of Drayton Valley (TODV) officially joined the Federation of Canadian Municipalities (FCM) Partners for Climate Protection Program (PCP). The PCP program helps municipalities reduce energy use and emissions through a five-step Milestone Framework:

- Milestone 1: Create a Baseline Emissions Inventory and Forecast
- Milestone 2: Set Emissions Reduction Targets
- Milestone 3: Develop a Local Action Plan
- Milestone 4: Implement the Local Action Plan
- Milestone 5: Monitor Progress and Report Results

Moving through these five milestones can save municipalities money, improve air quality, create jobs, and improve local residents' health.

FCM officially awarded PCP Milestone 1 on January 27, 2020, and PCP Milestone 2 on October 7, 2020. We are now in the process of completing Milestone 3. As part of the process, Administration has prepared a draft Local Energy Stewardship Plan that will guide Drayton Valley's climate action planning for the next ten years.

This Local Energy Stewardship Plan:

- describes the current state of energy use and greenhouse gas emissions in Drayton Valley;
- predicts future energy requirements; and
- identifies practical opportunities to use energy more efficiently and reduce waste.

The plan was created through consultation and collaboration with local and external stakeholders. We consider the Local Energy Stewardship Plan as a 'living document,' providing a plan of action for today and flexible enough to adapt to the emerging conditions of tomorrow.

The draft Local Energy Stewardship Plan is presented to the Town Council for its review and consideration.

2. BUDGET / GRANT / RESOURCE IMPLICATIONS:

The development of the Local Energy Stewardship Plan was completed in-house. All Town Departments are consulted on an on-going basis to provide comments and inputs. There will be no printed version of this document.

Implementing different actions will require different resources. With climate action becoming a federal and provincial priority post-covid, the adoption of this Plan will unlock many sources of government funding.

3. ALIGNMENT WITH LEGISLATION AND TOWN PLANS:

Type of Document	Yes ~ N/A ~ Partial	Comments
Provincial Acts / Regulations	N/A	
Municipal Bylaws	N/A	
Municipal Development Plan	N/A	
Sustainability Vision 2019-2021	Yes	<ul style="list-style-type: none"> • GHG Reduction/Carbon Footprint Initiative with its goal to determine current footprint • Living Lightly Initiative with its goal to be environmental stewards and reduce energy consumption
Town of Drayton Valley Strategic Plan 2019-2021	Yes	<ul style="list-style-type: none"> • Goal One: Recovery in Drayton Valley by dedicating resources to infrastructure as an investment, not an afterthought. • Goal Two: Continue to Provide Service Delivery to Residents
Other Plans or Policies	N/A	

4. POTENTIAL MOTIONS:




- A. That Council adopts the Local Energy Stewardship Plan as presented.
- B. That Council adopts the Local Energy Stewardship Plan with the following changes _____.
- C. That Council defers the adoption of the Local Energy Stewardship Plan for further discussion.

5. RECOMMENDATION

Administration recommends that Council adopts the Local Energy Stewardship Plan as presented.

6. ATTACHMENTS:

1. Draft Local Energy Stewardship Plan

REPORT PREPARED BY:		REVIEWED BY:	
APPROVED BY:			



DRAYTON VALLEY

Local Energy Stewardship Plan

for energy conservation and reducing greenhouse gas emissions

DECEMBER 2020

Pulling
Together

DRAYTONVALLEY.CA



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The preparation of this document was carried out with assistance from the Government of Canada and the Federation of Canadian Municipalities. Notwithstanding this support, the views expressed are the personal views of the authors, and the Federation of Canadian Municipalities and the Government of Canada accept no responsibility for them.

Acknowledgments

This Local Energy Stewardship Plan was prepared by the Town of Drayton Valley's Energy Program Coordinator (energy@draytonvalley.ca) in consultation with Town Council, Administration, Staff, and other stakeholders. The Town would like to extend our gratitude to the individuals who took the time to provide additional data or answer questions regarding the inventories, respond to the online Energy Survey, participate in the Energy Futures Roadshow or provide feedback on the corporate and community local action plans.

The Town of Drayton Valley would like to acknowledge the following key individuals who provided data and information for municipal operations (corporate) and community emissions inventories. This Local Energy Stewardship Plan would not have been possible without their assistance:

- **Alberta Transportation:** Greg Carrier
- **Alberta Urban Municipalities Association:** Dustin Engel, Jennifer Espanol, Linda Ruth and Eduardo Rodriguez
- **ATCO Gas:** Chance Herring and Jessica Zelada
- **Clear Blue Technologies:** Zeinab Yousif
- **Ecocharge:** Steven Manchuk
- **Fortis:** Vincent Campbell
- **GFL Environmental Inc:** Mike Horvath
- **Kent Group:** Jason Parent and Michelle Vanderelst
- **NuSolar:** Cody Jordan and Tom Brunner

The Town would also like to thank the following organizations for their support and advice during the development of this Local Energy Stewardship Plan:

- **Community Energy Association:** Pat Bell
- **Delphi Group:** Matt Beck and Bryce Edwards
- **Greenplanet Analytics:** Rob Macintosh
- **Municipal Climate Change Action Centre:** Ronak Patel
- **Natural Step Canada:** Matt Mayer and Scott Clements

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Executive Summary

The Local Energy Stewardship Plan for Drayton Valley is developed to meet the Town's voluntary commitment to the Federation of Canadian Municipalities (FCM) Partners for Climate Protection (PCP) Program. Preparation of this document included developing a greenhouse gas inventory, setting emissions reduction targets, stakeholder engagement, and outlining goals and actions to reduce energy use and emissions.

Inventory and Forecast Summary

An analysis of corporate actions and community-wide consumption provided the following baseline and forecast for corporate and community-wide emissions:

	Energy Use 2015	Baseline Emissions 2015	Forecast Emissions 2030
Corporate	68,274 GJ	49,963 tCO ₂ e	56,055 tCO ₂ e
Community-wide	1,997,143 GJ	181,273 tCO ₂ e	203,377 tCO ₂ e

Reduction Target Summary

The Town of Drayton Valley adopted the following corporate and community-wide emissions reduction targets through Council Resolution #130/20 on August 19, 2020:

- Reduce corporate emissions by 8% below 2015 levels by 2030
- Reduce community-wide emissions by 6% below 2015 levels by 2030

Local Action Plan Summary

Transitioning to a path of responsible energy stewardship is not easy. The Town of Drayton Valley and its community has already started many actions that will reduce energy use and greenhouse gas emissions. The local action plan identifies potential actions that could put Drayton Valley on track to meet the adopted targets. This list is not static but will be evaluated and updated from time-to-time as better information emerges. The Town of Drayton Valley will work with other levels of governments, businesses, organizations, and residents to implement the action plan to accomplish, and hopefully exceed, these targets and maximize its benefits for residents and businesses in Drayton Valley.

Background

The Town of Drayton Valley developed this Local Energy Stewardship Plan as a guiding document for municipal and community collaborative actions that encourage sustainable energy use.

WHAT IS THE LOCAL ENERGY STEWARDSHIP PLAN?

This Local Energy Stewardship Plan:

- describes the **current state** of energy use and greenhouse gas emissions in Drayton Valley;
- predicts **future energy requirements**; and
- identifies **practical opportunities** to use energy more efficiently and reduce waste.

The plan was created through consultation and collaboration with local and external stakeholders. We consider the Local Energy Stewardship Plan as a 'living document,' providing a plan of action for today and flexible enough to adapt to the emerging conditions of tomorrow.

PARTNERS FOR CLIMATE PROTECTION (PCP)

The Local Energy Stewardship Plan is developed within a broader management framework as outlined by the Partners for Climate Protection Program (PCP Program). The PCP Program is managed and delivered by the Federation of Canadian Municipalities (FCM) and ICLEI – Local Governments for Sustainability Canada (ICLEI Canada). To date, over 350 Canadian municipalities participate in the PCP Program, with over 180 local action plans prepared¹.

The PCP Program guides municipalities through a five-step Milestone Framework, designed to help municipalities reduce emissions while creating opportunities to save money, build a diverse economy, generate lasting jobs, and protect the natural environment.



Figure 1: Five-step PCP Milestone Framework

¹ FCM Partner for Climate Protection Program, <https://fcm.ca/en/programs/partners-climate-protection>

Town of Drayton Valley's Commitment to the PCP Program

The Town of Drayton Valley officially joined the PCP Program in 2015 with Council Resolution #217/15. This resolution signaled the Town's commitment to reduce energy use and greenhouse gas emissions both in its municipal operations and within the community.

Compared to other countries worldwide, or even other municipalities in Canada, Drayton Valley has been blessed so far with minimal exposure to the impacts of climate change. Nevertheless, the Town recognizes that there are multiple co-benefits when mitigating the effects of climate change that makes it logical for Drayton Valley to make this commitment.

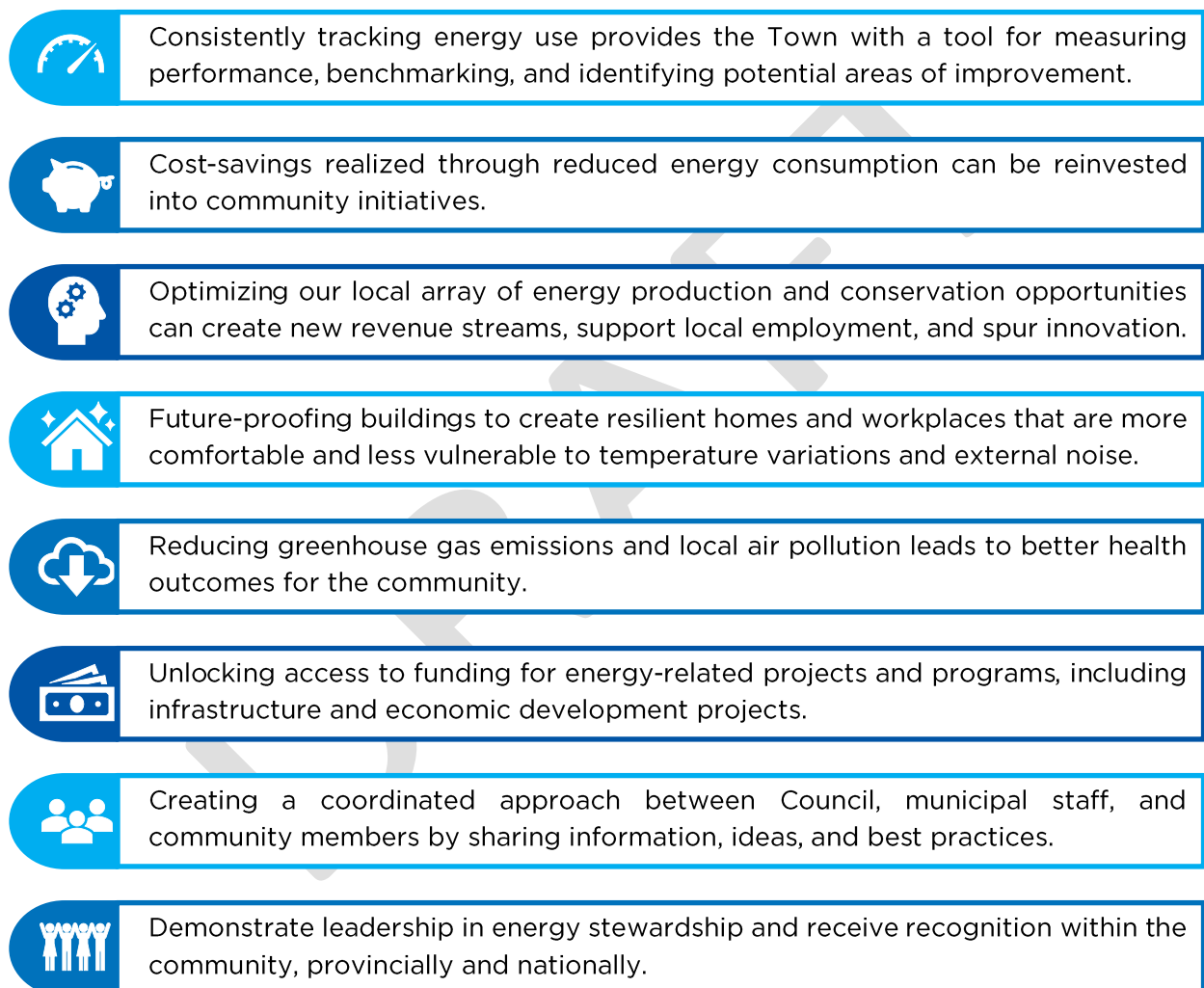


Figure 2: Co-benefits of committing to the PCP Program

Achieving PCP Milestones

The Town of Drayton Valley officially achieved Milestone #1 on January 27th, 2020. To qualify for this achievement, the Town submitted an emissions inventory and a ten-year emissions forecast. The 2015-2018 Energy and Emissions Inventory Report is accessible from the Town's website at <https://www.draytonvalley.ca/drayton-valley-energy/>.

The energy and emissions inventory enables the Town to track energy use, emissions, and spending. With the forecast, Town can now measure progress over time.

The Town was officially awarded Milestone #2 in October 2020 after Council formally adopted emissions reduction target in August 2020. The next step is Milestone #3 which requires a strategic action plan of how to achieve the adopted targets. This Local Energy Stewardship Plan encapsulates the reporting for both Milestones, along with the 2019 energy and emissions inventory.



*Figure 3: Trophy from FCM-ICLEI
The green piece commemorates the
achievement of PCP Milestone #1*

ALIGNMENT WITH EXISTING POLICIES AND PLANS

The Local Energy Stewardship Plan supports existing corporate documents within the Town, including:

- [Drayton Valley Strategic Plan 2019-2021](#): This Plan has goals related to recovery and resilience as well as improved services through better management of resources.
- [Drayton Valley Sustainability Vision 2019-2021](#): The Vision initiated measures like the *Town Sustainability Meeting*, *Waste & Recycling*, *Innovative Infrastructure*, and *Living Lightly*.
- [Drayton Valley Five Pillars for Economic Resiliency](#): Energy is one of the pillars identified to drive economic development in Drayton Valley.
- [Drayton Valley Social Development Plan 2020-2024](#): One of the goals, *A Distinct and Livable Community*, is for Drayton Valley to become a clean and green community.
- [Drayton Valley Integrated Waste Management Strategy 2013](#): This describes a long-term strategic plan for waste management and waste diversion for positive environmental outcomes.

New policies and plans developed by the Town, including the upcoming Municipal Development Plan and Infrastructure Master Plan, will integrate elements from the Local Energy Stewardship Plan as appropriate.

FINANCIAL IMPLICATIONS

The Town of Drayton Valley receives a generous financial contribution from FCM for the completion of the inventory and the development of the Local Energy Stewardship Plan. Moving forward, each emission reduction action recommended in this Local Energy Stewardship Plan will have its own financial and staff resource implications.

Financing these actions will depend on the action itself. Actions with clear business cases could undergo routine capital and operating budgetary processes. Other actions that are more innovative or has longer payback periods could become more attractive by leveraging additional financial resources. Potential financial resources include provincial and federal grants, loans, and other incentives or private sector contributions. Leveraging these resources would reduce financial risk and obligations associated with the action.

STAKEHOLDER ENGAGEMENT

Stakeholder engagement, internally within the municipality and externally with the community, is an essential feature of the Local Energy Stewardship Plan. Collaborative effort improves buy-in and accountability, thereby enhancing the results of the Plan.

Internal engagement includes consultation with Council, senior management, and other staff through various platforms, including Council's Regular Meeting and Governance & Priorities Meeting, the Sustainability Committee and the Economic Development Committee, and the Town Organization Sustainability Meeting.

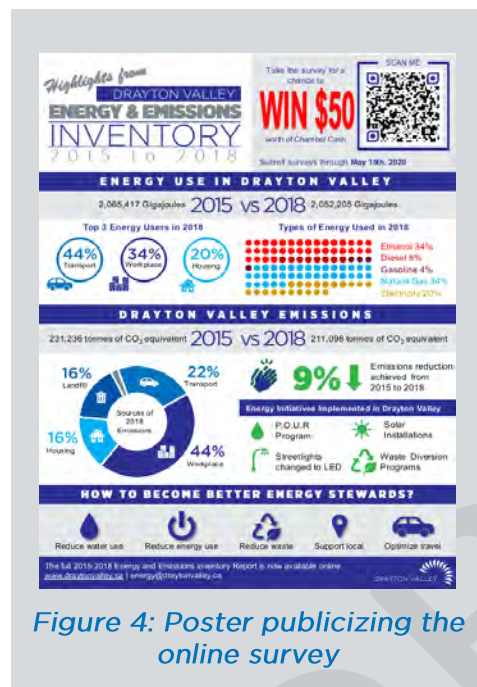


Figure 4: Poster publicizing the online survey

The Town developed an external engagement strategy which was approved by Council for implementation from March to April 2020. The COVID-19 pandemic severely curtailed the proposed engagement strategy. A host of engagement activities with local community groups and organizations had to be canceled.

Instead, the Town conducted an online survey from April 20th to May 18th, 2020. The aim was to gather feedback from residents on their priorities for energy stewardship and energy programming in Drayton Valley. The survey results were summarized in the "What We Heard Report" which is accessible from the Town's website at <https://www.draytonvalley.ca/drayton-valley-energy/>.

A Vision for the Future

By 2050, Drayton Valley is thriving and vibrant because the municipality, businesses, and residents have worked together to plan for and adapt to its evolving energy system by building upon the strengths and opportunities available to the community.

To us, this means that we have:



Figure 5: Our preferred energy future for Drayton Valley

Energy and Greenhouse Gas Emissions

UNDERSTANDING THE LOCAL CONTEXT

Drayton Valley is in west-central Alberta, in the heart of Brazeau County. The town sits atop a high plateau between the North Saskatchewan River and the Pembina River. There are agricultural lands to the east and forested foothills to the west. The closest city center is Edmonton, about 90 minutes away.



Figure 6: Location of Drayton Valley within Alberta

Located about 766.30 meters (2,750 feet) above sea level, the Town receives a fair amount of sunlight, ranging from roughly 17 hours in summer to 7 hours in winter. The average temperature range in the summer is between 10°C and around 25°C. The average temperature range in the winter is from -16°C to -6°C².

Key economic drivers consist of the oil and gas industry, the forestry industry, and the agricultural industry. The Town is cultivating new initiatives to build-up the tourism and educational industries.

² Drayton Valley Economic Strategy (2016)

The 2016 federal census puts Drayton Valley population at 6,867 within a geographical area of 30.72 square kilometers³. Population growth is likely to remain slow in the next decade. The 2015-2018 Energy and Emissions Report for Drayton Valley estimates a 0.77% growth, with corresponding forecasted growth in energy use⁴.

The average age of residents is 36.5. About 18% have trades certification, and 43% have a college or university degree. Median family income is \$103,130, which is slightly higher than the provincial average of \$100,430⁵.

The Alberta government reported that Drayton Valley had 2,703 dwelling units in 2017, where over 60% are single-detached houses⁵. About 76% of residents own their own homes. Housing stock in Drayton Valley is generally older. At least a quarter was built during the oil boom in the early 1960s⁶. As older houses tend to be less energy efficient, this will impact residents' energy spending.

Over 90% of the working population of Drayton Valley work within the Town, with commuting times of less than 15 minutes³. Drayton Valley is well-connected to Edmonton, Red Deer, Calgary, Grande Prairie, and the mountain parks via Highways 22 and 39. The Drayton Valley Industrial Airport serves both the recreational and business needs of the area.

Residents enjoy access to recreational and sporting opportunities during the entire year. The Omniplex is the crown jewel of Drayton Valley, offering a wide variety of recreational experiences for the community. Omniplex facilities include two arenas, a curling rink, a fitness centre, the MacKenzie Conference Centre, the Rotary Children's library and the West Valley RV Park and baseball diamonds. Drayton Valley has ten designated parks and playgrounds, five school playgrounds and four recreational ponds. There are 14 kilometers of paved walking paths, several parks golf courses within a half hour drive and a ski hill 10 kilometers away.

Fortis Alberta manages electricity services in Drayton Valley while ATCOGas provides natural gas services. Residents and businesses can choose to purchase electricity from a variety of energy retailers. The Town of Drayton Valley provides water, waste, and sewage services.

³ Statistics Canada Census Profile, 2016 Census for Drayton Valley

⁴ Drayton Valley 2015-2018 Energy and Emissions Inventory Report (2020)
<https://www.draytonvalley.ca/drayton-valley-energy/>

⁵ Alberta Regional Dashboard – Drayton Valley, <https://regionaldashboard.alberta.ca/region/drayton-valley/#/>

⁶ Drayton Valley Municipal Development Plan (2012) <https://draytonvalley.ca/wp-content/uploads/2014/09/Municipal-Development-Plan.pdf>

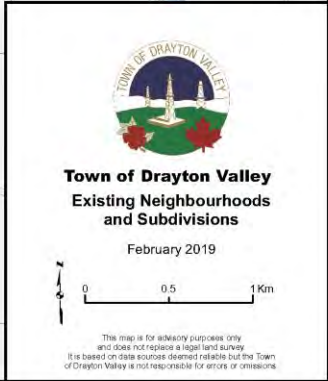


Figure 7: Neighbourhoods and subdivisions in Drayton Valley

DRAYTON VALLEY'S ENERGY USE AND EMISSIONS

Over the past five years, overall energy use has hovered at the 2 million gigajoule level with a marked dip in 2016. Transportation fuel, which includes gasoline, diesel, and ethanol, is the dominant fuel at 47%, followed by natural gas (32%) and electricity (21%).

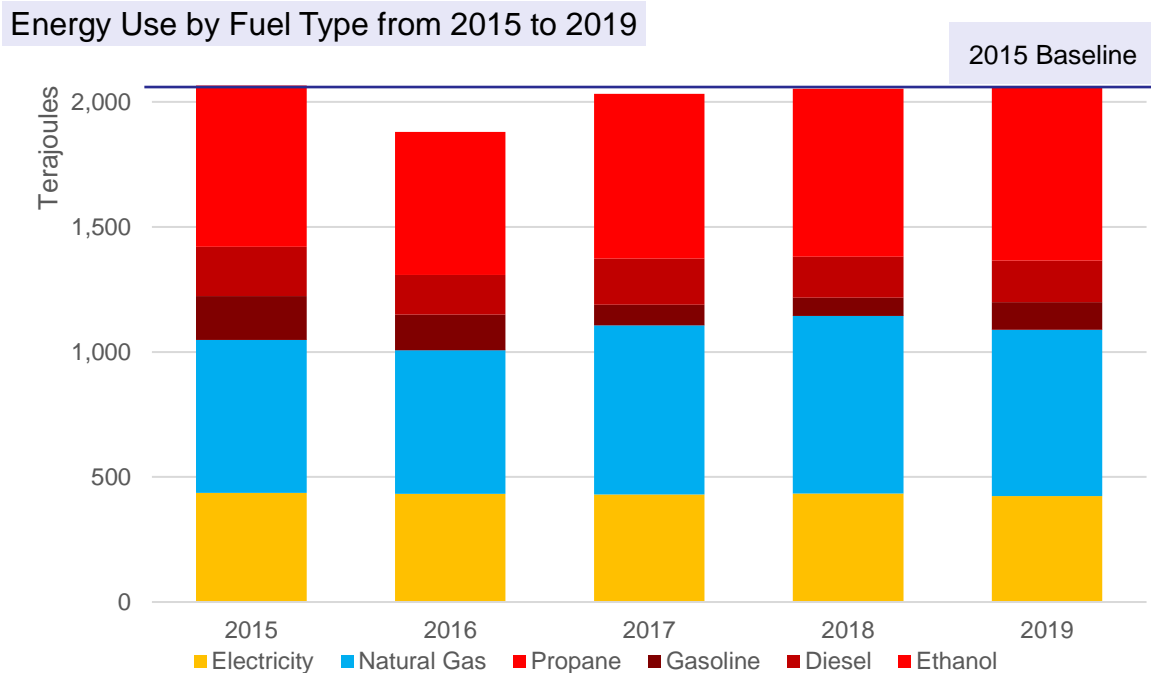


Figure 8: Drayton Valley energy use by fuel type, 2015-2019

Traditionally, you need energy to grow an economy and to meet the demands of a growing population. Furthermore, a modern lifestyle comes with modern appliances and services with higher energy demands. Decoupling energy use and economic growth is possible with energy efficiency. Energy efficiency can be achieved with better technology and smart behavioral changes.

A direct impact of energy use is greenhouse gas emissions, which are generated from human activities. Examples of activities that generate emissions are using gasoline for transportation, as well as fuel combustion for electricity production and heating buildings.

In 2019, Drayton Valley's total emissions was 214,804 tonnes of CO₂ equivalent, a slight increase from 2018 emissions. This total is about 7% lower than emissions in the baseline year 2015.

The greenest and cheapest energy is the energy that is not used.

As total energy use has not changed much over the years, what is causing this positive reduction in emissions?

Greenhouse Gas Emissions by Sector from 2015 to 2019

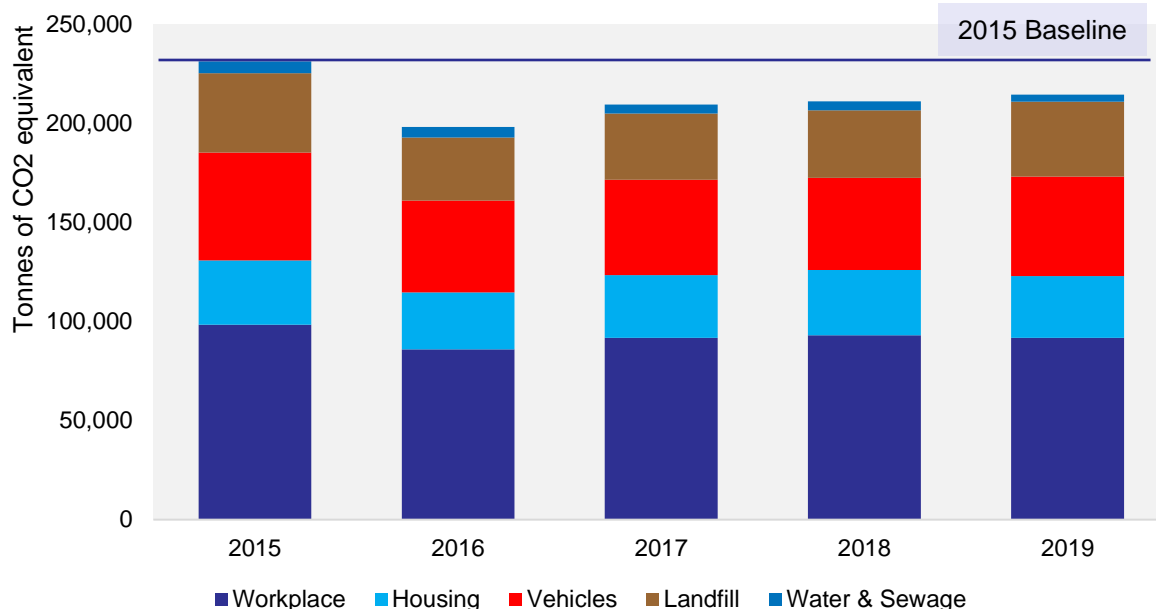


Figure 9: Drayton Valley emissions by sector, 2015-2019

Most of the positive reductions can be attributed to fuel shifting at the provincial level.

- **Transportation Sector:** Most fuelling stations have switched from selling pure gasoline to E10 ethanol, a type of biofuel that blends gasoline with up to 10% ethanol. Ethanol is fuel produced from corn and wheat. Combusting ethanol generates fewer emissions compared to combusting gasoline.
- **Power Sector:** Almost 90% of the total installed generation capacity in Alberta are thermal plants that run on fossil fuel combustion. From 2015 to 2018, the share of electricity produced from coal has steadily decreased and was by natural gas⁷. Since coal generates almost double the emissions of natural gas, the provincial-level switch from coal to gas has resulted in a positive impact on greenhouse gas emissions reductions in Drayton Valley.

⁷ Alberta Utilities Commissions Annual Electricity Data, <http://www.auc.ab.ca/pages/annual-electricity-data.aspx>

Greenhouse gas emissions per capita

Emissions per capita is a useful indicator for comparison and benchmarking with other municipalities, or with federal and provincial measurements. Assuming population growth of 0.77% since 2016, the total emissions for Drayton Valley translate to 30.6 tonnes of CO₂ equivalent emitted per person in 2019. Compared to other Albertan municipalities, Drayton Valley has one of the highest emissions per capita. Canada's recorded emissions per capita for 2017 was 19.6 tonnes of CO₂ equivalent per capita while at the provincial level, Alberta's was 64.3 tonnes of CO₂ equivalent per capita⁸.

Categorizing Emissions into Corporate and Community

In compliance with the PCP Milestone Framework, Drayton Valley's inventory and local action plan are reported in two categories: corporate and community-wide.

- **Corporate measures** target emissions that are under direct municipal control.
- **Community-wide measures** target emissions from the community at large.

⁸Canada Energy Regulator, Provincial and Territorial Energy Profiles – Alberta, <https://www.cer-rec.gc.ca/nrg/ntgrtd/mrkt/nrgsstmprfls/ab-eng.html>

CORPORATE ENERGY USE AND EMISSIONS

The corporate category zooms into municipal operations and services; this includes all activities over which the municipality would have direct control and is accountable for as a corporate entity. Sources of emissions include municipal buildings, municipal fleet, water & sewage treatment, street lighting, and solid waste.

Corporate Energy Use and Emissions Inventory

Energy use records the use of energy in municipal buildings, municipal fleet, and services. Fuel use by contractors, staff, or Council when using their own vehicle is not included.

Energy expenditure recorded in 2019 is high at 2 million dollars. Compare this to the Canadian average for annual local government energy expenditures of \$700,000 for municipalities with a population of less than 10,000⁹.

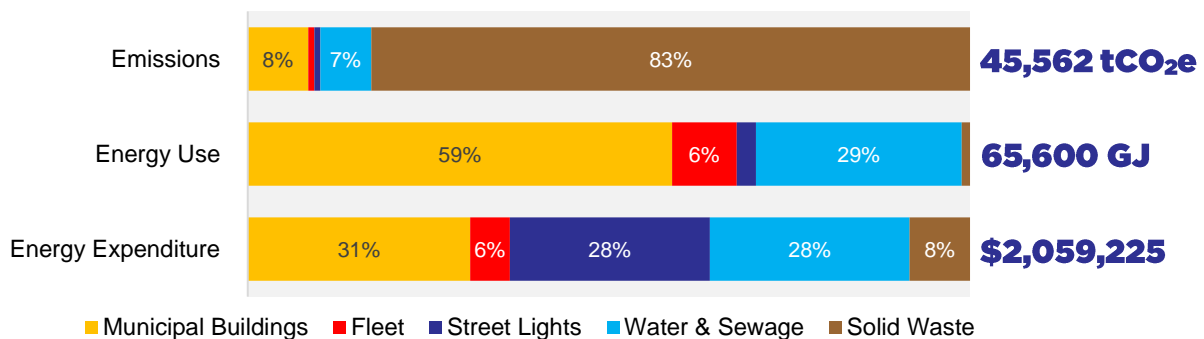


Figure 10: Corporate energy use, energy expenditure and emissions in 2019

Although 60% of the energy use comes from building operations, the bulk of emissions (over 80%) was generated in the waste sector. According to the PCP Protocol, since the Town owns Aspen Waste Management Facility, all emissions from waste processed at the facility is inventoried as corporate emissions. This means that regardless of whether the waste comes from the municipal, or from the community within Drayton Valley boundaries or even waste brought in from outside of Drayton Valley, it will still contribute to corporate waste emissions. This will be an important factor in setting the corporate target for the Town.

⁹ GMF Municipal Energy Roadmap (2020) <https://data.fcm.ca/documents/reports/GMF/2020/gmf-municipal-energy-roadmap.pdf>

Corporate Emissions Forecast

Based on the projected increase of the Town's population by 0.77% annually, the Town of Drayton Valley's corporate emissions is forecasted to reach 56,055 tonnes of CO₂ equivalent by 2030. This amount corresponds to a 12% increase over the 2015 baseline year emissions.

Corporate Emissions Reduction Target

Setting the corporate emissions reduction target for Drayton Valley requires us to consider several factors. The PCP Program recommends that municipalities set their corporate reduction target at 20% below the baseline within a ten-year period.

Corporate Emissions by Sector from 2015 to 2019

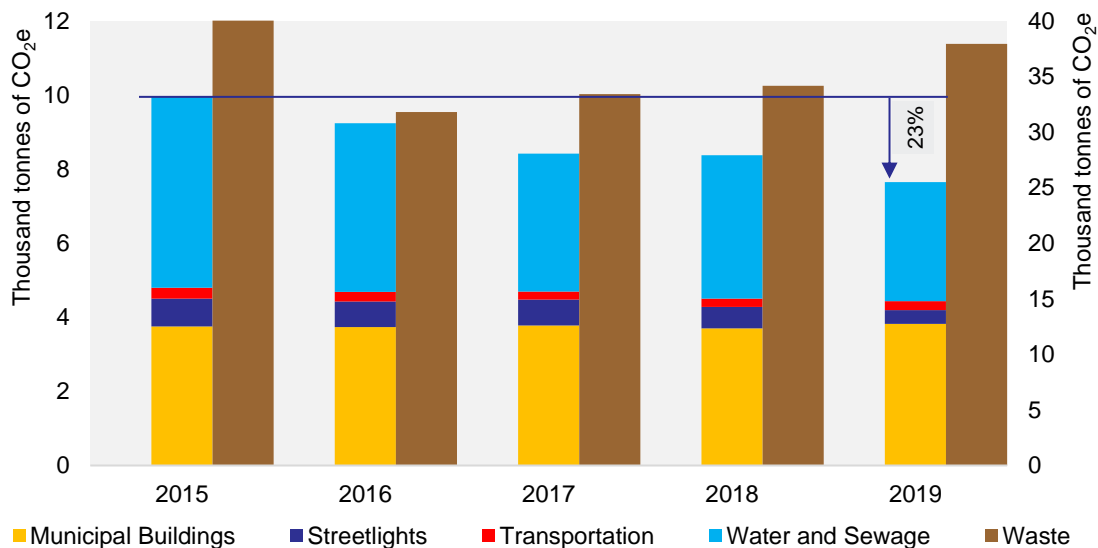


Figure 11: Corporate emissions by sector, from 2015 to 2019

However, when we analyze the corporate emissions since 2015, it is evident that if we remove waste sector emissions, the rest of the corporate sectors have actually reduced emissions by over 20%. The Town achieved this remarkable reduction through provincial-level fuel shifting, the Center for Water Intelligence (CWI) plant replacing the aging water treatment plant, re-lamping of streetlights as well as other energy efficiency improvements.

For the waste sector, the Town is considering different technologies to prolong the operational life of the Aspen Waste management facility. One of the co-benefits sought for is methane emissions reduction. The Town will most likely sell carbon credits to make this project financially viable. Therefore, the emissions reductions achieved through landfill projects could not contribute towards the corporate emissions reduction target.

Understanding that the no-to-low-cost opportunities for corporate emissions reductions have mostly been realized, and considering the waste sector implications, it is unrealistic for the Town to set too ambitious a target for corporate emissions reduction. Furthermore, feedback from stakeholder engagement clearly indicates a lack of appetite for “Big Strides” goals as well. Given these constraints, the Town of Drayton Valley will set its corporate emissions reduction target to 8% below 2015 levels by 2030.

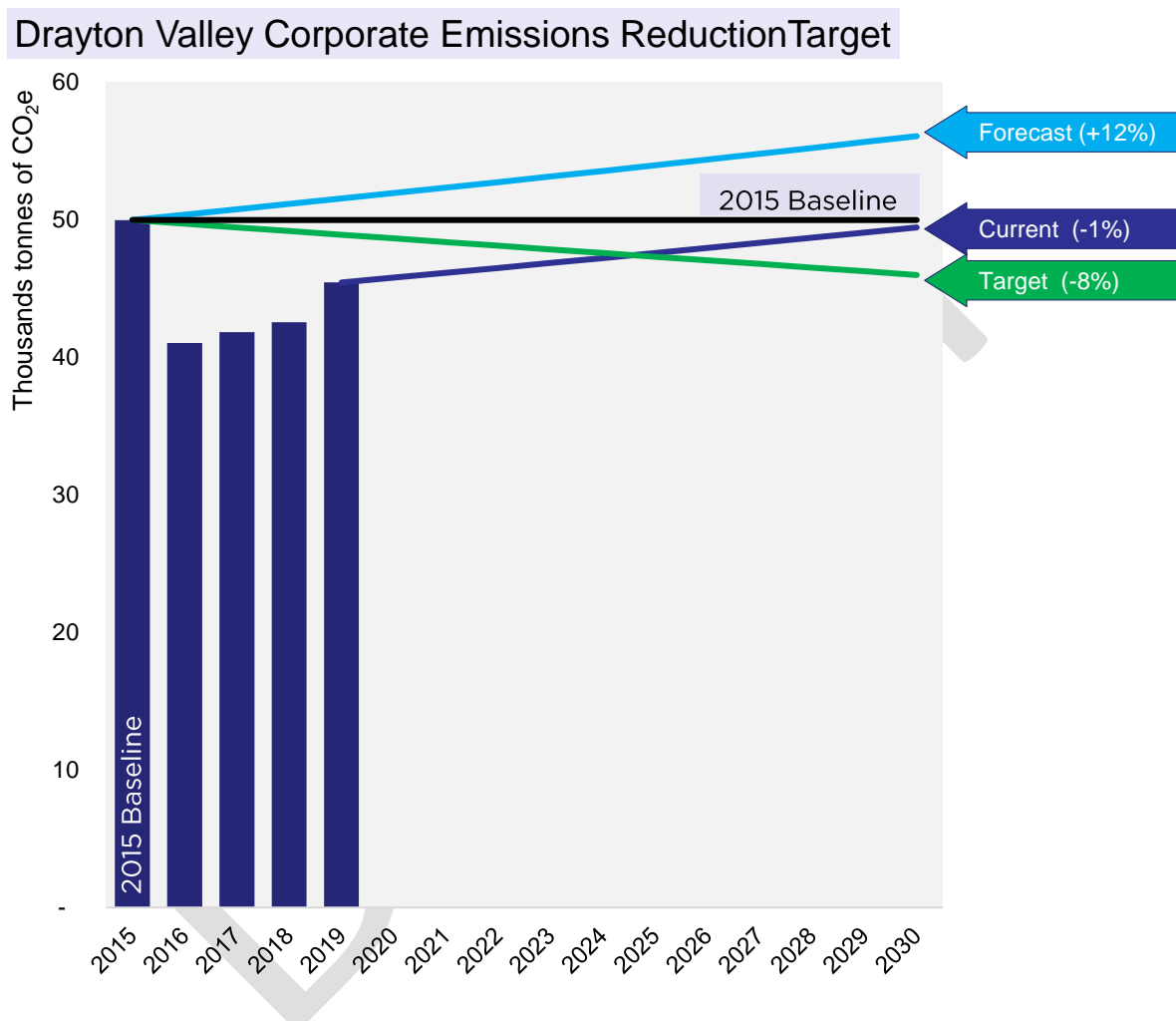


Figure 12: Corporate emissions target for Town of Drayton Valley

In Figure 12, “Forecast” represents what the emission would look like if no actions were taken at the municipal level to reduce emissions from 2015. The “Current” trendline represents the same scenario but starting from 2019 instead of 2015. “Target” trendline shows the Town of Drayton Valley’s adopted target of 8%. Potential actions that could contribute to this 8% corporate emissions reduction target will be described in a later section.

COMMUNITY ENERGY USE AND EMISSIONS

The PCP Protocol defines community emissions as greenhouse gas emissions generated by key activities within the territorial boundary of the local government. Sources of community emissions include residential, commercial & institutional, industrial, transportation, and solid waste. For this analysis, the non-residential category aggregates all categories that do not fall under either residential or transportation sectors.

Community Energy Use and Emissions Inventory

In 2019, the total energy used by the community was 1,996,856 GJ. In both the residential and non-residential sectors, electricity and natural gas are the primary fuel used; for space heating, lighting, running consumer appliances, and refrigeration. Fuel used in the transportation sector were petroleum products like diesel, gasoline, and ethanol, with ethanol having the highest share of 35%.

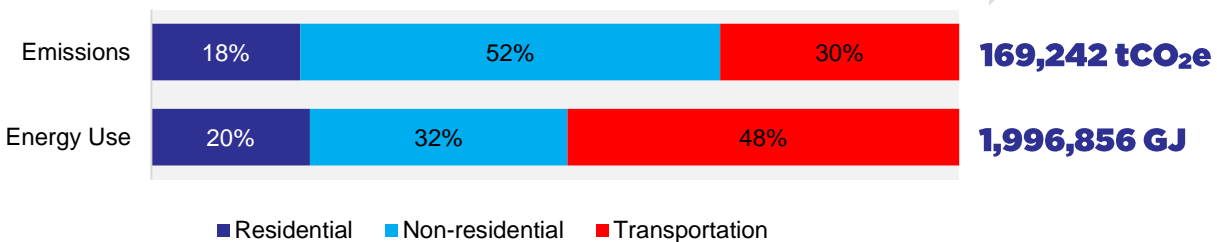


Figure 13: Community energy use and emissions in 2019

Note that while transportation sector consumed about half of the total energy used, this sector generated only 30% of the total community-wide emissions. The largest share of community emissions come from electricity use. Alberta's power grid is still highly dependent on fossil fuel combustion, which makes it emissions intensive.

Community Emissions Forecast

Based on the projected increase of the Town's population by 0.77% annually, the Town of Drayton Valley's community emissions is forecasted to increase from 181,273 tonnes of CO₂ equivalent in the 2015 baseline year to reach 203,377 tonnes of CO₂ equivalent by 2030. This amount corresponds to a 12% increase over the 2015 baseline year emissions.

Community-wide Emissions Reduction Target

The PCP Program recommends that member municipalities adopt a target to reduce community emissions by 6% over the baseline within a ten-year period. Municipalities do not have direct control over emissions from buildings, transportation, and waste in the community. However, municipals could influence community-wide change with various policy instruments, ranging from outreach/education, non-financial incentives, financial incentives, and regulations.

In setting the community emissions reduction target for Drayton Valley, we applied the bottom-up approach that aggregates the emissions reduction potential for various actions. Actions identified to be technically feasible are analyzed further to determine their impact on emissions by the target year. We also sought stakeholder inputs to help us prioritize preferable actions.

With all the information available at this time, the Town of Drayton Valley decided to set an emissions target of a 6% reduction from 2015 baseline levels by 2030.

Community Emissions Target

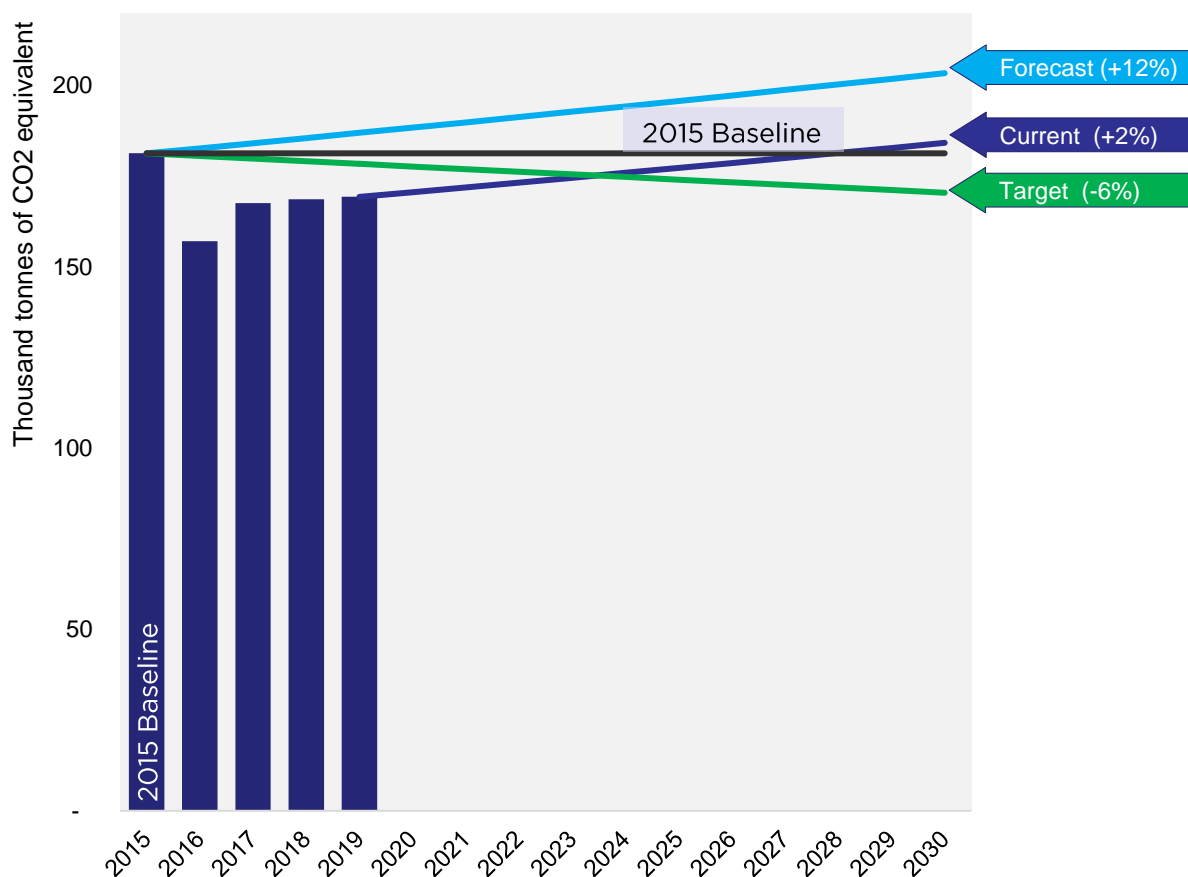


Figure 14: Community emissions target for Drayton Valley

The labels for the figure above is similar to Figure 12, where both “Forecast” and “Current” represent a no municipal-level intervention scenario but starting from different years. “Target” trendline shows the potential trajectory for a target of 6%. The potential actions that could contribute to this 6% community emissions reduction target will be discussed in the next section.

DRAFT

Local Action Plan

The Local Energy Stewardship Plan sets out the corporate and community emissions reduction targets for Drayton Valley as below:

Reduce corporate emissions by 8% below 2015 levels by 2030
Reduce community emissions by 6% below 2015 levels by 2030

The Town of Drayton Valley identified several opportunities that could potentially reduce corporate and community emissions, and thus put Drayton Valley on track to meet our targets. These potential actions were reviewed by Town Council, staff, and other stakeholders.

It is essential to recognize that these potential actions are recommended based on preliminary analysis, using a very narrow set of criteria. Cost is not fully quantified, nor are specific responsibilities assigned other than potential project leads. Further in-depth technical and financial analysis is required for each action to gain the necessary approval for actual implementation.

Furthermore, the list of recommended emissions reduction action is not static and will need to be continuously evaluated and updated. Actions that may seem feasible at the time of writing may no longer be realistic in the future. On the other hand, new emerging technologies with minimal support now could make better sense in a few years' time.

ACTION ON CORPORATE ENERGY USE AND EMISSIONS

The Town of Drayton Valley has made significant strides to reduce GHG emissions since becoming a member of the PCP Program in 2015:

- Facility improvements with more efficient HVAC equipment, LED lights, low-flow water fixtures, and building automation systems.
- Streetlights conversion to LED halved streetlight electricity use and continues to reduce the Town's electricity bill by up to \$18,000 annually.
- Solar installations at the Clean Energy Technology Centre and the Center for Water Intelligence reduced emissions generated at these buildings.
- Off-loading the old Water Treatment Plant and shifting operations to the more efficient new Center for Water Intelligence enables the Town to provide better service with less resources.
- The Center for Water Intelligence has a green roof that naturally regulates the building's temperature, is environmentally-friendly and aesthetically pleasing too.

Emissions reduction actions recommended are categorized into three main goals:

- Reduce emissions from municipal operations
- Reduce landfill emissions
- Diversify energy supplies

Table 1 summarizes all recommended corporate actions. As before, this list is not exhaustive, neither is it static.

Table 1: List of corporate actions

Goal	Corporate Actions	Potential annual tCO ₂ e reduction by 2030
#1 Reduce emissions from municipal operations	Energy efficiency benchmarking, audits, and retrofits for existing buildings	380
	Improve water & sewage utility system to reduce leaks and infiltration	200
	Replace Park Valley Pool with a new, energy-efficient Aquatic Centre	35
	Initiate fuel-efficient driver training program	10
#2 Reduce landfill emissions	Investigate technologies for reducing landfill emissions	8,000
	Differential landfill tipping fees	1,000
#3 Diversifying energy supply	Solar PV systems at municipal facilities	300
	Combined heat and power system at municipal facilities	130

Goal #1 Reduce emissions from municipal operations

Municipal Buildings and Infrastructure

- Municipal facilities in Drayton Valley consumed 7,240,683 kWh of electricity, 31,190 GJ of natural gas, and 5,032 liters of propane in 2019, thereby producing total emissions of 7,041 tonnes of CO₂ equivalent.
- The top three consuming facilities in 2019 are the Ominplex Arena, the Old Water Treatment Plant, and the Park Valley Pool. The total consumption of these three buildings is more than all the rest of the facilities put together.
- Energy audits were performed at four of the Town facilities in 2011 (Civic Centre, Old Water Treatment Plant, Park Valley Pool and Ominplex). The Town has implemented some of the recommended Energy Conservation Measures (ECM) over the past nine years as resources became available. Example ECMs include installing Building Automation Systems, substituting aging HVAC for more efficient models, and replacing lamps with LEDs.

ACTION: Energy efficiency benchmarking, audits, and retrofits for existing buildings

The focus of any energy benchmarking and audit exercise is to provide a quantifiable look at where a facility stands compared to its peers, where the real savings opportunities can be found and determine a realistic energy reduction target and payback assessment. Building performance changes as building age and occupancy changes. Given that the last audit was performed almost ten years ago and only at selected buildings, it makes sense for the Town to factor in energy benchmarking, energy audits, and energy retrofits into its long-term operational planning.

- **COST IMPLICATIONS:** An energy audit can cost from \$5,000 to \$50,000 per facility depending on facility size and function, level of energy audit and scope of assessment. Operational improvements and behavioral shifts would likely be low-cost but retrofits will depend on the modifications to be made.
- **POTENTIAL BENEFITS:**
 - 🌱 Potentially reduce energy use by 2,700 GJ and emissions by 380 tCO₂e annually by 2030.
 - 👥 Improved working environment, leading to better health and productivity outcomes.
 - 💰 Potential cost savings on annual energy expenditure. There are federal and provincial opportunities available.

ACTION: Improve water & sewage utility system to reduce leaks and infiltration




Retiring the aged water treatment plant has significantly improved water services in Town. The new Center for Water Intelligence has a treatment capacity of 18 million liters per day compared to the 8 million liters per day capacity of the old plant. This action now focuses on the water and sewage distribution system.

It was estimated that average water loss in the Drayton Valley in 2019 was 20%. This percentage is high compared to the typical average of 16%¹⁰. At the same time, average residential wastewater generation is also high at 500 liters/person/day compared to the 2015 standard of 300 liters/person/day¹¹. Potential causes for water loss include aging infrastructure, leaks, overflows, unauthorized consumption, administrative errors, data handling errors and metering inaccuracies¹⁰.

The Engineering Department has started to phase-out aging water and sewage infrastructure, for instance with the South Sanitary Trunk Main project and by lining manholes with natural seal product to reduce infiltration. The Town also has a number of initiatives to improve water use and water literacy in the community including the Preserve Out Ultimate Resource (P.O.U.R) program, the Waste & Storm Water Disconnect initiative and the Yellow Fish Road™ program. Putting in place a water efficiency strategy with associated timelines, staff and financial resources would positively reduce the amount of water the system requires, which means less energy required for pumping and treating water.

● **COST IMPLICATIONS:** Cost will depend on the recommended system upgrades and improvements to be identified in the upcoming Infrastructure Master Plan.

● **POTENTIAL BENEFITS:**

-  Potentially reduce energy use at water and wastewater facilities by 1,170 GJ and emissions by 200 tCO₂e annually by 2030.
-  Increase community trust in water utility and lower risk of property damage.
-  Reduced water demand would lower maintenance and operating costs; prolong lifetime of equipment and thus defer expensive capital.

¹⁰ EPA Water Audits and Water Loss Control for Public Water Systems (2013)
<https://www.epa.gov/sites/production/files/2015-04/documents/epa816f13002.pdf>

¹¹ Drayton Valley Water Master Plan (2016)




ACTION: Replace Park Valley Pool with a new, energy efficient Aquatic Centre

Park Valley Pool was built in 1986 and has already exceeded its intended lifespan. With only 5 lanes and a combined lap pool and leisure swim tank, the Park Valley Pool is no longer meeting community needs. There are significant health and safety concerns, in addition to mechanical and structural issues.

The Park Valley Pool is the third highest energy consumer in the Town's fleet of buildings with an annual energy utilization intensity of 1,479 kWh/m². This intensity is double of what would be expected of a facility of similar size and function. A new Aquatic Centre is being developed that focuses on energy optimization to meet the 2017 National Energy Code for Buildings (NECB) and will cost less to operate than the existing Park Valley Pool.

- **COST IMPLICATIONS:** The target budget for the new Aquatic Centre project is \$18.5 million. The Town is securing contributions from various grants, loans, and corporate sponsors to fund the project¹².

- **POTENTIAL BENEFITS:**

-  The energy utilization intensity will improve significantly as the new Aquatic Centre will offer more services but at similar energy use as the Park Valley Pool.
-  The community will gain an affordable and accessible recreational facility that promotes a vibrant and healthy lifestyle. As the only facility of its kind within a one-hour radius drive, the new Aquatic Centre will encourage visitors and residents to spend time and dollars in the immediate area rather than seeking aquatic entertainment elsewhere, leading to positive economic and environmental outcomes for the community.
-  The Park Valley Pool requires significant annual spending to continue operations – over \$250,000 in 2017 alone for maintaining the facility's structural and mechanical systems. The new Aquatic Centre will have lower operational costs.

¹² Validation Report for the Drayton Valley and Brazeau Aquatic Centre (2020)

Municipal Fleet




- The Town's municipal fleet consists of 57 vehicles, including three specialized fire-fighting engines for the fire department; parks and public works equipment like tractors, snow removers and mowers; and twenty light-duty trucks for Town operations.
- In 2019, it was found that the Town recorded consumption for gasoline was 3,388 liters, diesel consumption was 66,396 liters and ethanol-blend was 34,206 liters. This consumption generated 240 tonnes of CO₂ equivalent emissions.
- Given the weather conditions, operational requirements, and current market availability, electric vehicles are not considered a feasible option for Drayton Valley, but this may change as technologies for electric vehicles battery and charging improves. In the interim, transition technologies, like biofuels and hybrid vehicles, are utilized as appropriate¹³.
- The Town's A-01-10 Idle Reduction Policy has been in place since October 2010. The policy applies to Town employees and Council to eliminate greenhouse gas emissions that would have been generated while a vehicle is left idling unnecessarily.

ACTION: Initiate fuel-efficient driver training program

Managing municipal fleet consists of managing three elements: the fleet vehicles, the vehicle operation, and the driver. This action focuses on providing a formal driver training program to Town staff to encourage fuel-efficient driving. The SmartDriver training course¹⁴ was developed for Natural Resources Canada and will be made available through the Town's SafetySync Platform. The course developer estimates that the training could improve fuel efficiency up to 25%.

- **RESOURCES IMPLICATIONS:** The training video is provided for free by Natural Resources Canada. Some staff resources will be required to adapt the video for the SafetySync Platform.

- **POTENTIAL BENEFITS:**

-  Lower fuel consumption, vehicle emissions, and related pollutants.
-  Improved road safety and driving experience, potentially scalable to community users.
-  Cuts operational and maintenance costs.

¹³ Drayton Valley Community Sustainability Plan – Achievement Review 2017

¹⁴ SmartDriver Training Series, <https://www.nrcan.gc.ca/energy-efficiency/energy-efficiency-transportation/greening-freight-programs/smartdriver-training-series/21048>

Goal #2 Reduce landfill emissions




- Landfill emissions account for the bulk of the corporate emissions inventory, about 83% in 2019. Since the Aspen Waste Management Facility is Town-owned, the PCP Protocol requires that all waste processed at the facility is accounted for in the corporate inventory.
- The facility itself is managed by GFL Environmental Inc. Landfilled waste is collected weekly by Environmental 360 Solutions Inc.
- The Town offers weekly curbside blue-bag pick-up for recycling as well as a recycling depot on the Industrial Road. In 2019, about 18% of waste was diverted through recycling.
- There is a Take-it or Leave-it Centre located at the Aspen Waste Management Facility that allows residents to drop-off unwanted but usable items. Other residents can then take the items for free. This initiative keeps serviceable goods in use and out of the landfill longer.
- The Town does not offer organics waste collection. There is a community composting pilot initiative that collects organics waste from selected businesses in Town.
- The Town coordinates education and outreach activities throughout the year to encourage waste diversion and to manage large waste items. Examples of programs include Community Shred-it Events, Free Tipping Days, and Waste Reduction Week.

ACTION: Investigate technologies for reducing landfill emissions

The Aspen Waste Management Facility has an expected lifetime of 10 to 12 years, after which new landfill space will be required or waste will have to be transported elsewhere. The Town is investigating potential technologies that could sustainably prolong the life of the landfill. It is anticipated that carbon credits will be used to finance any project implemented. Therefore, emissions reduction from this project will be captured in the inventory but can not contribute towards the corporate emissions target.

- **RESOURCES IMPLICATIONS:** Administrative staff are currently researching and reviewing potential technologies for implementation.

- **POTENTIAL BENEFITS:**




-  Avoid production of methane, a potent greenhouse gas.
-  Landfill footprint stays constant. Testing out innovative technology could be a source of community pride. Less leachate and odor from the landfill would improve the air, soil, and water quality in the area.
-  The waste management technologies can be costly. It is likely that the cost will be offset through federal innovation grants, sales of carbon credits and sales of recovered materials.

ACTION: Differential landfill tipping fees

The Town currently offers lower tipping fees for certain types of waste to encourage industries to separate their waste at the source and thus divert waste from the landfill. In 2020, separated waste like clean concrete and asphalt are charged at \$17.25/tonne compared to \$67.00/tonne for mixed construction and demolition waste¹⁵. This action proposes that more materials be considered for lower tipping fees, namely wood, drywall, and shingles. This is in line with recommendations from both the Integrated Waste Management Strategy¹⁶ and the Community Sustainability Plan¹³.

- **RESOURCES IMPLICATIONS:** Administrative resources will be required to research, develop, and implement the new differential tipping fees procedures. There would be some cost involved in setting up diversion pads for separated incoming waste (estimated at \$15,000 per pad).

- **POTENTIAL BENEFITS:**

-  Diverted waste can be repurposed – for instance recycled wood can be used in construction, landscaping (mulch), as bedding materials, boiler fuel or as fibre for composite wood products. Less waste would mean less stress on the landfill.
-  Encourage businesses, especially in the construction and demolition sector, to be more conscious about managing their waste.
-  Lower tipping fees might reduce Town revenue but could be recouped from reduced maintenance and operations costs as well as extended usable life of the landfill.

¹⁵ Town of Drayton Valley 2020 Fee Schedule, <https://www.draytonvalley.ca/wp-content/uploads/2020/05/2020-Fee-Schedule.pdf>

¹⁶ Town of Drayton Valley Integrated Waste Management Strategy (2013)

Goal #3 Diversifying energy supply

- The Town of Drayton Valley sources its electricity from Alberta's electrical power grid. Consumption charges for electricity in Alberta is relatively cheap, but the delivery charges can be pricy, usually taking up more than half of a consumer's electricity bills. Alberta's power grid is also emissions-intensive as it relies heavily on fossil fuels combustion⁷.
- Diversifying energy supply in Drayton Valley would positively impact our resiliency, energy costs and carbon footprints.

ACTION: Solar PV systems at municipal facilities

The Town of Drayton Valley is an early adopter of solar. The first solar installation on a Town facility is the 1-kW rooftop solar photovoltaic system at the Early Childhood Development Center back in 2009. The Town now owns a few more installations, a 13-kW solar wall and a 7-kW rooftop solar system at the new Center for Water Intelligence as well as a 29-kW rooftop solar system and two solar-powered streetlights at the Clean Energy Technology Centre.

- **RESOURCES IMPLICATIONS:** The Town continues to monitor the declining solar system prices and funding available to finance solar projects. For now, the business case is not compelling enough for the Town to proceed with new solar installations. But with increasing electricity prices, this may change in the future. Solar installations are currently eligible for rebates from the Municipal Climate Change Action Centre (MCCAC).
- **POTENTIAL BENEFITS:**
 - 🌱 Fuel shifting to solar power would reduce emissions as Alberta's electrical power grid is carbon intensive.
 - 👥 Improve resiliency by reducing reliance on grid power. Introduce economic development opportunities for solar installers and solar businesses to grow in the community.
 - 💰 Reduce operating expenses with lower electricity bills. By paying less to utilities located out of Drayton Valley, money is kept local and can be invested in local projects.

ACTION: Combined heat and power systems at municipal facilities

On-site cogeneration of heat and electricity or combined heat and power (CHP) systems generate electricity and capture exhaust heat to provide useful thermal energy in the form of steam or hot water. CHPs can be fueled by natural gas, oil, and biogas. The CHP technology works well in facilities that require consistent heat and electricity.

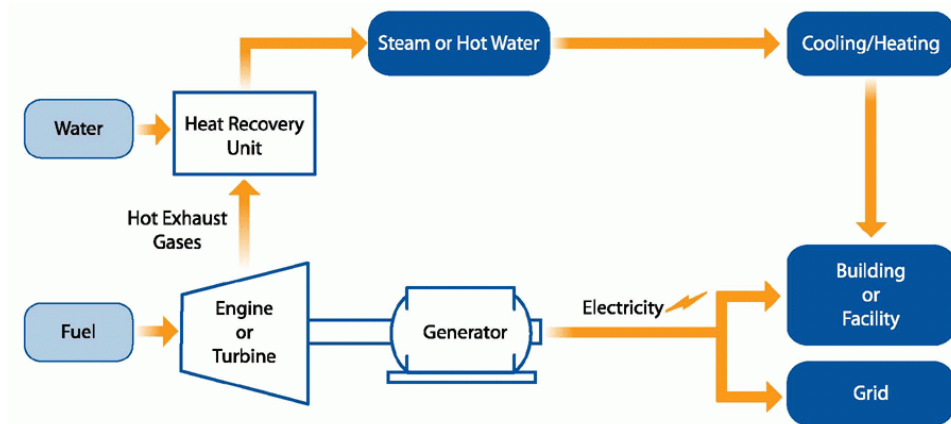





Figure 15: Common CHP configuration¹⁷

RESOURCES IMPLICATIONS: Installing a CHP system either in a new or existing building would require a capital investment ranging from \$250,000 to \$275,000 for a 35kW to 60kW system¹². Annual maintenance could probably be performed by Town staff.

POTENTIAL BENEFITS:

-  CHP is extremely efficient and can displace the carbon-intensive electrical power grid in Alberta. For instance, a 60 kW CHP system could reduce emissions by 108 tCO₂e annually.
-  On-site generation means less reliance on grid power.
-  Natural gas consumption and bills will increase but as natural gas is cheaper than electricity, substantial net savings can be achieved. There is also an opportunity to act as micro-generator and earn credits that could go towards further electricity bill reductions¹⁸.

¹⁷ What is CHP? <https://www.epa.gov/chp/what-chp>

¹⁸ Micro-generation, <https://www.alberta.ca/micro-generation.aspx>

Opportunities for further corporate emissions reductions

Opportunities are ideas for projects, programs and initiatives that have potential to help reduce emissions. However, further exploration is required to quantify benefits and identify pathways to move forward.

Table 2: Opportunities for further corporate emissions reductions

<i>Additional Corporate Opportunities</i>	Cost Implications	Estimated GHG reduction potential
<i>Adoption of climate change policies and GHG emissions considerations in all municipal plans, documents, and processes.</i>	Low	N/A
<i>Employee training and awareness programs to conserve water, energy, and other resources.</i>	Low	●○○
<i>Facilities operator training to optimize building performance.</i>	Low	●○○
<i>New Town facilities are net-zero buildings</i>	High	●●●
<i>Conduct a fleet review and develop a long-term fleet energy management strategy.</i>	Medium	N/A
<i>Vehicle replacement with a hybrid, electric, or alternative fuel vehicle.</i>	Medium	●○○
<i>Reuse waste heat from the ice rinks.</i>	Medium	●●○
<i>Install heat pumps to provide efficient heating.</i>	Medium	●●○

Cost Implications (Capital only)

Low: < \$10,000

Medium: ≥ \$10,000 to < \$100,000

High: ≥ \$100,000

GHG reduction potential (tCO₂e/year)

●○○: < 5

●●○: ≥ 5 to <30

●●●: ≥ 30

N/A: no estimation available or applicable

ACTION ON COMMUNITY ENERGY USE AND EMISSIONS

A resource-rich community, Drayton Valley is home to a world-class oil and gas sector. Clean technology innovation has driven significant improvements in the sector's operational performance while reducing waste, consumption, and environmental pollution. The oil and gas sector has provided many benefits to Drayton Valley. However, being too dependent on just this one industry has tied Drayton Valley to the rollercoaster of international oil prices. The boom and bust cycles generate economic and job insecurity that is not sustainable in the long-term. There is a need to develop all our resources, spread our investment, and create a balance in our energy economy.

Residents and businesses of Drayton Valley have already started answering the call for better energy stewardship, some community initiatives that are already in place include:

- Preserve Our Ultimate Resource (P.O.U.R.) Program offers a credit on utility bills for installing water-saving fixtures or appliances.
- Local stores adopted a “no plastic bags policy”. By charging a small fee on plastics grocery bags, shoppers are encouraged to use reusable bags.
- A 1963 home on 44 Avenue was super-insulated with a new, patented straw bales process. This new process, combined with other retrofits, significantly reduced the building heating requirements. The home now generates excess power from its 8.5 kWh rooftop solar array, earning its net-zero energy rating¹⁹.
- Electric vehicle charger installed at Ramada Hotel in 2019.
- Pilot community composting program with IGA and Tim Hortons initiated in 2020.

A key objective for the energy stewardship survey was to gauge the level of community support for different types of community actions that can be feasibly implemented²⁰. Referring to Figure 16, building efficiency is clearly considered a priority. Respondents are also in support of environmental preservation and waste management initiatives like composting and recycling. There was less of an appetite for transport sector and renewables-related initiatives. These responses inform the actions recommended in this report.

¹⁹ Drayton Valley NZE Retrofit Home Tour (2020) <http://ecosolar.ca/e12.pdf>

²⁰ Energy Survey - What We Heard Report (2020) <https://www.draytonvalley.ca/wp-content/uploads/2020/06/Public-Survey-Summary-20200615.pdf>

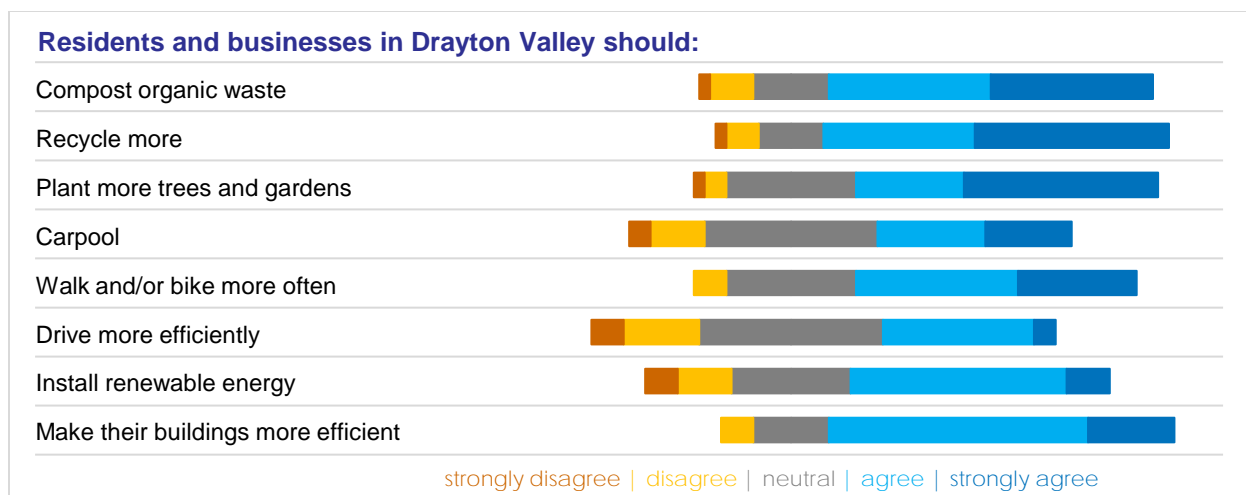


Figure 16: Level of interest in community actions for residents and businesses in Drayton Valley

Actions that could contribute to Drayton Valley's community emissions reduction target can be categorized into four main goals:

- Reduce building sector emissions
- Reduce transportation sector emissions
- Build-up local energy production
- Creative community engagement

Compared to corporate actions, community-wide actions are much broader in scope.

Table 3: List of community-wide actions

Goal	Community Actions	Potential annual tCO ₂ e reduction
#1 Reduce building sector emissions	Ensure new buildings comply with the updated National Energy Building Codes.	●○○
	Introduce PACE/CEIP Program to encourage building owners to pursue energy audits and energy retrofits	●●●
	Require new developments to include district energy systems where it is economically feasible	●●○
#2 Reduce transportation sector emissions	Initiate a driver behaviour program that focuses on cost-efficient driving techniques and habits	●○○
	Investigate feasibility of an on-demand micro-transit system	●●○
#3 Build-up sustainable and local energy production	Engage with potential industrial and research partners to establish new energy industries in Drayton Valley (examples include geothermal power plants, geothermal heat pumps, hydrogen production, extended use of oil wells for geo-exchange, circular bioeconomy)	Q
	Encourage alternative energy installations at non-municipal buildings (this can include solar power, solar heaters, or heat pumps)	●●○
#4 Empower community action	Partner with local agencies to deliver energy stewardship programs	Q

GHG reduction potential (tCO₂e/year)

●○○: < 100

●●○: ≥ 100 to <500

●●●: ≥ 500

Q: Qualitative Action

Goal #1 Reduce building emissions

- Drayton Valley currently has more than 2700 residential properties and approximately 380 commercial properties within its boundaries.
- Residential buildings consumed 20,038,512 kWh of electricity and 319,677 GJ of natural gas in 2019. Non-residential buildings consumed 89,874,543 kWh of electricity and 313,403 GJ of natural gas in the same year. Combined, use of electricity and natural gas generated a total of 114,820 tonnes of CO₂ equivalent emissions.
- About half of the private homes in Drayton Valley were built pre-1980s³. Older buildings are typically less energy efficient and can cost residents up to \$300 extra each year on utility bills. This additional energy cost can be freed up for other spending.

ACTION: Ensure new buildings comply with the updated National Energy Building Codes.

Building codes are a quick way to improve energy efficiency in the building sector. The National Energy Code for Buildings 2017 and Energy Efficiency requirements of Section 9.36 of National Building Code-2019 Alberta Edition currently defines the minimum energy efficiency requirements for construction of new buildings in Alberta²¹.

A new National Energy Code for Buildings 2020 (NECB 2020) is now being developed. Compliance with the new codes, once it is approved and adopted in Alberta, will contribute to developing high value jobs, improve social equity, and improve building comfort and resiliency.



IMPLEMENTATION CONSIDERATIONS: Adoption of building codes is a routine municipal process and would not require extra resources than normal. Existing procedures for building and development permits approval would likely continue, only with enhanced requirements based on the adopted codes.

²¹ Alberta Building Codes and Standards, <https://www.alberta.ca/building-codes-and-standards.aspx>

ACTION: Introduce PACE/CEIP Program to encourage building owners to pursue energy audits and energy retrofits

Investing in energy efficiency or renewable energy upgrades can be costly. Building owners may be worried about having money upfront or selling the property before recouping their investment. The Property Assessed Clean Energy (PACE) financing program makes it easier to overcome these two specific barriers. Property owners will be able to immediately enjoy the advantages of their energy retrofits and pay for them over time through an assessment added to their property tax bill. The obligation is transferred from one owner to the next, along with the benefits.

The Town of Drayton Valley's Council formally expressed interest in adopting a PACE Program in 2019 when legislation enabled a made-in-Alberta approach to PACE financing. The program, now known as the Clean Energy Improvement Program (CEIP), will be administered by the Municipal Climate Change Action Centre (MCCAC).

PACE/CEIP energizes local economies by stimulating investment and creating business opportunities for local contractors and engineers. Property owners gain access to flexible, affordable financing to pay for upgrades that significantly reduces their energy costs and improves the comfort and value of their properties.



IMPLEMENTATION CONSIDERATIONS: To setup PACE/CEIP, the Town of Drayton Valley will work with MCCAC to pass a Clean Energy Improvement bylaw and secure financing and loan terms. Outreach programs with property owners and local contractors will take place to raise awareness and gain program support.

ACTION: Require new developments to include district energy systems where it is economically feasible

District energy systems provide heating and cooling generated in a centralized location and distributed (usually through underground piping) to residential and commercial consumers. The heat is often obtained from a cogeneration plant burning fossil fuels, although more district energy facilities are now sourcing heat from renewable energy: biomass, geothermal heating, and central solar heating²².

Combining cogeneration and district energy will increase efficiency, lower overall emissions, and provide improved reliability and local resiliency. Buildings connected to district energy systems have lower capital costs (less maintenance, no boiler operators), and since no boiler room is required, they save valuable building space.

District energy systems are more easily integrated into new constructions where all its characteristics can be optimally incorporated²³. Adding district energy into an existing building or area is less easy, but possible with extensive retrofitting. For Drayton Valley, where there is consistent supply of cheap natural gas, it makes sense for new developments to consider district energy systems.



IMPLEMENTATION CONSIDERATIONS: The Town could encourage developers to explore and adapt district energy systems by making it part of the requirement for new large-scale residential, commercial, or industrial development in Drayton Valley.

²² District Energy System – An Overview, <https://www.sciencedirect.com/topics/engineering/district-energy-system>

²³ District Energy and Co-generation for Public Buildings in Alberta (2016)
<https://www.alberta.ca/assets/documents/tr/tr-district-energy-and-cogen-for-alberta-final.pdf>

Goal #2 Reduce transportation sector emissions

- The total motorized vehicles in Drayton Valley has decreased from 15,894 in 2015 by 8% to 14,645 in 2019²⁴.
- The share of types of vehicles have remained consistent. About 23% are diesel-powered while another 65% can run on gasoline and lighter blends of ethanol. The rest can switch between gasoline and other types of fuel like electric, butane and propane – or are flex fuel vehicles which can accept ethanol up to E85²⁴.
- Based on sales volume data collected from retailers in Drayton Valley, it was found that ethanol-blend was by far the most consumed transport fuel in 2019 at 20,564,470 liters compared to gasoline at 3,159,650 liters and diesel at 4,201,670 liters.
- Total emissions from this sector was 50,092 tonnes of CO₂ equivalent emissions. This accounted for 30% of the total community emissions in 2019.

ACTION: Initiate a driver behaviour program that focuses on cost-efficient driving techniques and habits

This action could be another opportunity to take advantage of the free efficient driver training courses developed by Natural Resources Canada: the SmartDriver Training¹⁴ and the Auto\$mart student driver training²⁵. The course shares strategies that could help drivers save up to 25% in fuel costs, cut down on vehicle maintenance, and reduce greenhouse gas emissions.

 **IMPLEMENTATION CONSIDERATIONS:** Lessons from both training programs could be incorporated into existing programming like the Financial Cents program, or through a stand-alone awareness campaign via social media. For even better outcomes, the Town could engage with local companies to reduce fuel use in commercial fleets. Another potential partnership would be with driving schools operating in Drayton Valley. As they work directly with learners, new drivers would develop safe, efficient driving habits from the start.

²⁴ Statistics provided by Alberta Transportation

²⁵ Auto\$mart driver training, <https://www.nrcan.gc.ca/energy-efficiency/energy-efficiency-transportation/personal-vehicles/automart-driver-training/21042>


ACTION: Investigate feasibility of an on-demand micro transit system

A micro-transit system combines the flexibility of on-demand mobility (like taxis) with fixed route scheduling (like busses) to extend the accessibility of transit service. Similar services are available in Town of Cochrane (COLT program²⁶), Town of Devon (Everyone's Community Bus program²⁷), and City of Belleville (Bus on Demand program²⁸).

Drayton Valley already has a Drive Happiness program and a specialized transportation program by Drake's Handi-bus Ltd, targeting seniors and those with mobility challenges. There is also the long-running DJ's Cab taxi service. The proposed micro-transit system will complement the existing systems by serving other segments of the population. The main objective for the fixed-route service is post-secondary student bussing to the CETC, the second is to provide shared transit for commuters to city centres like Edmonton and Spruce Grove. Providing bussing solely for students is not economically feasible. However, extending the use of the bus for on-demand mobility and private rentals would mitigate some of the cost.

In addition to reduced emissions and better local air quality, there are numerous benefits that derives from a local transit service. A reliable transit service unlocks access to goods and services for the segments of the population that cannot drive (like children and teenagers) or are unable to afford personal vehicles. Ending reliance on one private vehicle could reduce spending by up to \$10,000 annually per family²⁹. Businesses close to transit stops have a higher property value, and increased sales with higher traffic.

In Devon, the Everybody's Community Bus program is developed as a part of its social programming. It provides opportunities for residents to connect and space to share information on services, events, and businesses in Devon. Elements from Devon's program could be easily replicable in Drayton Valley.

 **IMPLEMENTATION CONSIDERATIONS:** Adding a transit service for Drayton Valley would require capital ranging from \$350,000 to over \$700,000, depending on whether the shuttle is electric or hybrid. An electric bus would be eligible for federal and provincial funding. The transit service could be developed and operated solely the Town or as a partnership with a local transportation company.

²⁶ Cochrane On-demand Local Transit (COLT), <https://ridecolt.ca/>

²⁷ Everyone's Community Bus, <https://www.devon.ca/Services/Town-Services/Everyones-Community-Bus>

²⁸ Belleville Transit, <https://www.belleville.ca/residents/page/transit>

²⁹ The Top 10 Benefits of Public Transportation (2017)
<https://www.smartcitiesdive.com/ex/sustainablecitiescollective/top-10-benefits-public-transportation/1063096/>

Goal #3 Build-up sustainable and local energy production

- There are solar power and heat pump installations on private properties within Drayton Valley. Currently there are no statistics tracking these community installations.
- Drayton Valley Power was a 12 MW biomass electricity generating station that ended operations in 2016.

ACTION: Engage with potential industrial and research partners to establish new energy industries in Drayton Valley

Emerging technologies could leverage on existing assets, resources, and expertise in Alberta to build new energy industries for sustainable economic prosperity. Examples are:

- **Geothermal power plants:** The abundance of oil and gas wells in Alberta indicates high potential for geothermal sites. Unlike other renewable energy sources, geothermal power is consistent and not affected by weather. It is even possible to make the plant dual-purpose, extracting heat for a distributed energy system, thus removing the need for furnaces and boilers.
- **Hydrogen production:** Natural gas deposits in Alberta can be combined with carbon capture technology to produce hydrogen that could eventually replace diesel in heavy duty vehicles³⁰.
- **Geo-exchange with oil-wells:** Using a heat exchanger, waste heat from wellheads at oil sites can be extracted to provide low temperature heat to buildings like greenhouses.
- **Lithium production:** Lithium is a key component for batteries used in cellphones, electric vehicles, and large energy storage systems. Alberta is rich in lithium deposits. Companies in Alberta are developing an economic and sustainable method of lithium extraction, this could position Alberta as a global supplier in the future³¹.
- **Biofuel production:** Agricultural, forestry or waste feedstocks blended into commercial petroleum-based gasoline and diesel produces biofuel³². Drayton Valley, with its access to feedstock, could become a site for a biofuel facility.



IMPLEMENTATION CONSIDERATIONS: The Town of Drayton Valley is always welcoming to innovative clean energy technology projects and is ready to provide support on a case-by-case basis.

³⁰ Building an Albertan Hydrogen Economy, <https://energyfutureslab.com/initiatives/albertan-hydrogen-economy/>

³¹ A Huge Opportunity: Alberta oilfields could give rise to lithium industry fuelled by electric cars (2020) <https://calgaryherald.com/business/local-business/alberta-oilfields-could-give-rise-to-homegrown-lithium-industry-as-electric-cars-spur-global-demand>

³² Igniting jobs and economy through biofuels (2019) <https://www.alberta.ca/release.cfm?xID=67319A5AA96DC-BAD9-EF25-75A8D4ED0F4C3276>

ACTION: Encourage alternative energy installations at non-municipal buildings

Space heating and plug loads are the main sources for building emissions in a carbon-intensive province like Alberta. Switching to alternative energy sources is one potential solution to reduce emissions and become more self-sufficient.

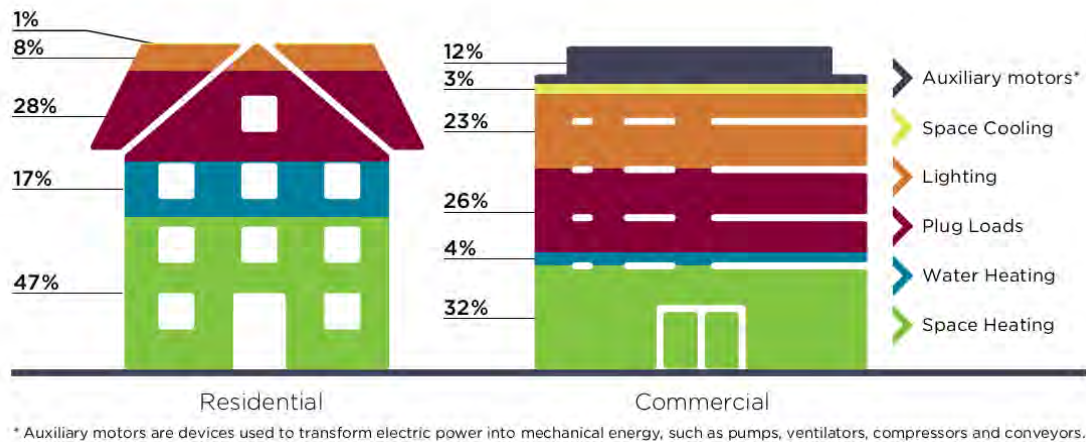


Figure 17: Average GHG emissions by end use for provinces with high-carbon grids³³

Potential technologies that Drayton Valley residents and businesses could consider for their private buildings include:

- Rooftop solar photovoltaic systems
- Solar water heaters
- Air-source or ground-source heat pumps

Each building is different in how it was built and operated. Building owners need to fully investigate the technical and economic feasibility of the technology for their own building before committing to a project.



IMPLEMENTATION CONSIDERATIONS: The Town of Drayton Valley could deploy municipal tools to raise awareness of provincial and federal incentives for alternative energy projects. Alternative energy installations could also be made eligible for PACE financing.

³³ FCM GMF's Municipal Energy Roadmap (Fig 8, 2020) <https://fcm.ca/en/resources/gmf/gmfs-municipal-energy-roadmap>

Goal #4 Empower community action

- Drayton Valley is home to several organizations and agencies, each with their own mandates.

ACTION: Partner with residents, businesses, organizations, and agencies in creative and accessible ways to build support and deliver energy stewardship goals

Energy stewardship cannot be the sole responsibility of the municipality. Working together with community members and pooling resources while leveraging on established organizational frameworks could lead to much better outcomes.

In 2020, the Town partnered with different community members to deliver programs centered around energy. COVID-19 measures in place have somewhat affected these programs.

- **Energy Bus Tour** with EPBPRPC: The first half of the program will take participants on a tour of energy efficient buildings in Drayton Valley. The second half will be a seminar on how to conserve energy at home.
- **Energy Conservation Tool Kit (E-CENT Kit)** with municipal library: The E-CENT kit assembles tools, tips, and strategies for determining building energy use. The kit will be available through the library's circulation system.
- **Energy-themed Escape Room** with municipal library: Escape rooms are games where players are confined to a room and tasked to find clues and solve puzzles to escape. This project is geared towards educating families of all ages about energy conservation in a fun and practical way.
- **Pilot Community Composting Program**: A Drayton Valley resident initiated a pilot community composting program in July 2020. For now, only two businesses are involved, IGA and Tim Hortons, as they refine their processes and logistics. The compost produced will either be used in an upcoming greenhouse or for bioremediation of orphan wells.

Incidentally, these programs are in line with what respondents to the online Energy Survey indicated as their top topics of interest²⁰.



IMPLEMENTATION CONSIDERATIONS: The Town of Drayton Valley will continue to engage with residents, businesses, organizations, and agencies to foster a culture for energy stewardship in the community. Communication, education, and outreach programs are potential avenues for collaboration.

Implementation Strategy

Municipalities, in collaboration with municipal stakeholders, can positively influence how energy is used in their communities – thereby reducing greenhouse gas emissions and mitigating the harmful impacts of climate change. A solid implementation framework is necessary to ensure the actions recommended for reducing corporate and community-wide emissions are accomplished in a timely and efficient manner.

Roles and responsibilities

The Town of Drayton Valley, led by the Chief Administrative Officer, will oversee the implementation of the Local Energy Stewardship Plan. This role includes regular monitoring and reporting of progress to multiple stakeholders. The Town will work collaboratively with residents, businesses, local organizations, utilities, industrial partners, and other stakeholders to initiate and fully realize the recommended actions and opportunities.

Resources and Funding

Resources required for each recommended action will vary, depending on the action. Some actions could be easily embedded through existing mechanisms, others may require new policies or regulations. Several of the more innovative actions will require substantial investment, at which point the Town and its strategic partners will take steps to access provincial, federal, or corporate incentives. The Alberta Funding Guide is an excellent resource for energy and emissions related incentives available for Alberta municipalities³⁴.

Up to the end of 2020, the Town has secured several grants for energy-related projects that will take place in 2021. Funders include the Government of Canada's Investing in Canada Infrastructure Program (ICIP), Federation of Canadian Municipalities (FCM), Municipal Climate Change Action Centre (MCCAC), FortisAlberta and Drayton Valley Community Foundation. The Town has set-up an annual operational budget of over \$200,000 for the next three years dedicated to energy initiatives. The bulk of this budget (about 70%) is earmarked for facility retrofits. The remainder is budgeted for corporate and community energy literacy programming, match funding for potential partnership projects, research, and advocacy efforts.

³⁴ Alberta Funding Guide (2019) <https://mccac.ca/app/uploads/Alberta-Funding-Guide.pdf>

Monitoring and Reporting

A monitoring and reporting framework will be set up to evaluate whether progress is being made towards meeting the emissions reduction targets and if any course correction is required. Regular reporting to staff, Council and the community is important, it builds awareness and keeps energy stewardship consistently on everyone's mind while at the same time help to manage the risks and uncertainties related to each action.

The basis of the framework is an annual update of the energy and emissions inventory, complemented by a review of the Local Energy Stewardship Plan every three years. This will keep us on track through to 2030 and will enable Drayton Valley to achieve PCP Milestone #4 (Implementation) and Milestone #5 (Monitoring and Reporting).

Indicators

Within the monitoring and reporting network are indicators, selected based on data availability and linked to actions to provide a quantifiable progress tracker.

Table 4: Mapping indicators to corporate goals

Goal #1: Reduce Emissions from Municipal Operations	Goal #2: Reduce landfill emissions	Goal #3: Diversify Energy Supply	Indicator	Data Source
✓			Total corporate greenhouse gas emissions	TODV utility bills
✓			Building energy intensity	TODV utility bills
✓			Water consumption compared to total treated volume (m ³ or %)	Water annual audit report
	✓		Landfill methane emissions	Aspen Waste Management Annual Report
✓			Number of staff trained	SafetySync platform
		✓	Energy generated on-site	Installed monitoring platforms

Table 5: Mapping indicators to community goals

Goal #1: Reduce building sector emissions	Goal #2: Reduce transportation sector emissions	Goal #3: Build sustainable local energy production	Goal #4: Empower community action	Indicator	Data Source
✓	✓	✓	✓	Total community greenhouse gas emissions	Energy delivery companies
✓			✓	Number of energy efficient buildings	Planning department and CEIP Program participants
✓	✓			Vehicle composition	Alberta license registration data
		✓		Number of renewable installations	Planning department
			✓	Number of community programs	Sustainability committee

APPENDIX A: 2019 ENERGY & EMISSIONS INVENTORY FOR DRAYTON VALLEY

2019 Corporate Energy and Emissions Inventory

	Gasoline Use (L)	Gasoline Use (GJ)	Gasoline Emissions (tCO ₂ e)	Gasoline Expenditure (\$)	Diesel Use (L)	Diesel Use (GJ)	Diesel Emissions (tCO ₂ e)	Diesel Expenditure (\$)	Ethanol (E10) Use (L)	Ethanol (E10) Use (GJ)	Ethanol (E10) Emissions (tCO ₂ e)	Ethanol (E10) Expenditure (\$)
Fleet	3,388	119	8	\$ 3,522	66,396	2,541	180	\$ 73,974	34,206	1,160	52	\$ 35,848
Firehall	3,217	113	8	\$ 3,349	6,869	263	19	\$ 7,466	1,663	57	3	\$ 1,674
Omniplex	-	-	-	\$ -	-	-	-	\$ -	456	15	1	\$ 478
Town Office	172	6	0	\$ 173	-	-	-	\$ -	5,418	183	8	\$ 5,765
Water Treatment	-	-	-	\$ -	3,838	147	10	\$ 4,886	9,556	324	15	\$ 9,999
Public Works	-	-	-	\$ -	18,710	716	51	\$ 20,766	8,942	303	14	\$ 9,443
Parks	-	-	-	\$ -	36,979	1,415	100	\$ 40,856	8,171	278	12	\$ 8,489

The municipal fleet fuel use does not include fuel used by contractors, staff and Council using their own vehicles for municipal operations.

	Electricity Use (kWh)	Electricity Use (GJ)	Electricity Emissions (tCO ₂ e)	Natural Gas Use (GJ)	Natural Gas Emissions (tCO ₂ e)	Diesel Use (L)	Diesel Use (GJ)	Diesel Emissions (tCO ₂ e)	Solid Waste (tonnes)	Solid Waste Emissions (tCO ₂ e)	Solid Waste Expenditure (\$)
Waste Management											
Aspen Waste Management	31,283	113	24	471	24	53,959	2,067	145	16,121	37,723	\$ 172,479

Energy use for waste management estimated based on 2018 data.

Town of Drayton Valley	2019
Total Corporate Energy Use (GJ)	65,600
Total Corporate Emissions (tCO ₂ e)	45,562
Total Corporate Expenditure (\$)	2,059,225

2019 Community Energy and Emissions Inventory

	Electricity Use (kWh)	Electricity Use (GJ)	Electricity Emissions (tCO ₂ e)	Natural Gas Use (GJ)	Natural Gas Emissions (tCO ₂ e)	Unspecified Emissions (tCO ₂ e)
Stationary Energy	109,954,885	395,951	82,903	633,080	31,948	4,268
Residential	20,038,512	72,139	15,109	319,677	16,132	-
Commercial	75,711,247	272,673	57,084	313,403	15,816	-
Streetlights	41,830	151	32	-	-	-
Industry	14,163,296	50,988	10,679	-	-	-
Unspecified Sources	-	-	-	-	-	4,268

	Gasoline Use (GJ)	Gasoline Emissions (tCO ₂ e)	Diesel Use (GJ)	Diesel Emissions (tCO ₂ e)	Ethanol (E10) Use (GJ)	Ethanol (E10) Emissions (tCO ₂ e)
Transportation	110,588	7,321	160,924	11,553	696,313	31,218
Cars	47,553	3,148	20,920	1,502	299,415	13,424
Light-duty vehicle	61,929	4,100	27,357	1,964	389,935	17,482
Heavy-duty vehicle	1,106	73	112,647	8,087	6,963	312

	Waste Emissions (tCO ₂ e)
Waste	31
Wastewater	1
Composting	30

Drayton Valley	2019
Total Community Energy Use (GJ)	1,996,856
Total Community Emissions (tCO ₂ e)	169,242

APPENDIX B: ACTION PLANNING FOR DRAYTON VALLEY

Corporate Action Planning

Goal	Corporate Actions	Annual tCO ₂ e reduction by 2030	Department Lead	Priority	Cost Implications	Timeline
Reduce emissions from municipal operations	Energy efficiency benchmarking, audits, and retrofits for existing buildings.	380	Engineering Services	High	Medium	Medium
	Improve water & sewage utility system to reduce leaks and infiltration	200	Engineering Services	High	Medium	On-going
	Replace Park Valley Pool with a new, energy efficient Aquatic Centre	35	Community Services	Medium	High	Medium
	Initiate fuel-efficient driver training program	10	Energy Program Coordinator	Medium	None	Immediate
Reduce landfill emissions	Investigate technologies for reducing landfill emissions	8,000	Engineering Services	Medium	High	Medium
	Differential landfill tipping fee	1,000	Engineering Services	High	Medium	Immediate
Diversifying energy supply	Solar PV systems at municipal facilities	300	Engineering Services	Low	High	Long
	Combined heat and power system at municipal facilities	130	Engineering Services	Medium	Medium	Long

Cost

\$: < \$10,000
 \$\$: ≥ \$10,00 to < \$100,000
 \$\$\$: ≥ \$100,000

Timeline

Immediate: Within 2 years
 Medium: In 3-5 years
 Long: In 5-10 years

Community-Wide Action Planning

Goal	Community Actions	Priority	Policy Instrument	Potential annual tCO ₂ e reduction
Reduce building sector emissions	Ensure new buildings comply with the updated National Energy Building Codes.	High	Regulatory	●○○
	Introduce PACE/CEIP Program to encourage building owners to pursue energy audits and energy retrofits	Medium	Outreach & regulatory (Federal and provincial financial incentives may be available)	●●●
	Require new developments to include district energy systems where it is economically feasible	Low	Regulatory (Federal incentives currently available)	●●○
Reduce transportation sector emissions	Initiate a driver behaviour program that focuses on cost-efficient driving techniques and habits	High	Outreach & education	●○○
	Investigate feasibility of an on-demand micro-transit system	Medium	Partnership & research support	●●○
Build-up sustainable and local energy production	Engage with potential industrial and research partners to establish new energy industries in Drayton Valley	Low	Partnership & research support	Q
	Encourage alternative energy installations at non-municipal buildings	Low	Outreach (Provincial financial incentives available for schools)	●●○
Empower community action	Partner with local agencies to deliver energy stewardship programs	Medium	Partnership	Q

GHG reduction potential (tCO₂e/year)

●○○: < 100

●●○: ≥ 100 to <500

●●●: ≥ 500

Q: Qualitative Action



APPENDIX C: MODELLING INPUTS AND ASSUMPTIONS

Data sources

Sector	Data Sources for Corporate Inventory	Data Sources for Community Inventory
Building	<ul style="list-style-type: none"> AMSC Energy Ecocharge NuSolar 	<ul style="list-style-type: none"> FortisAlberta ATCOGas
Transport	<ul style="list-style-type: none"> Corporate fuel invoices 	<ul style="list-style-type: none"> Kent Group Alberta Transportation
Waste	<ul style="list-style-type: none"> GFL Environmental Inc Aspen Management invoices 	

Energy Conversion Factors

Fuel	Factor	Unit	Source
Electricity	0.0036	GJ/kWh	Canada Energy Boards, Energy Conversion Tables https://apps.cer-rec.gc.ca/Conversion/conversion-tables.aspx?GoCTemplateCulture=en-CA#s1ss2
Natural Gas	0.0373	GJ/m ³	
Gasoline	0.03466	GJ/L	
Diesel	0.03868	GJ/L	
Ethanol	33.6	GJ/m ³	
Propane	0.02559	GJ/L	https://www2.gov.bc.ca/assets/gov/taxes/sales-taxes/publications/conversion-factors-by-fuel.pdf

Emissions Factors

Fuel	Factor	Unit	Source
Electricity	750	gCO ₂ / kWh	Canada's National Inventory Report 1990-2017, Part 3, Table A13–10 - Electricity Generation and GHG Emission Details for Alberta
	0.04	gCH ₄ / kWh	
	0.01	gN ₂ O/kWh	
	750	gCO ₂ eq/kWh	
Natural Gas	1928	gCO ₂ /m ³	Canada's National Inventory Report 1990-2017, Part 2, Table A6–1 - CO ₂ Emissions Factors for Natural Gas
Propane	1515	gCO ₂ /L	Canada's National Inventory Report 1990-2017, Part 2, Table A6–3 - CO ₂ Emissions Factors for Natural Gas Liquids
Gasoline	2307	gCO ₂ /L	Canada's National Inventory Report 1990-2017, Part 2, Table A6–13 - Emissions Factors for Energy Mobile Combustion Sources
Diesel	2681	gCO ₂ /L	Canada's National Inventory Report 1990-2017, Part 2, Table A6–13 - Emissions Factors for Energy Mobile Combustion Sources
Ethanol	1508	gCO ₂ /L	Canada's National Inventory Report 1990-2017, Part 2, Table A6–13 - Emissions Factors for Energy Mobile Combustion Sources

Modelling Assumptions for Corporate Emissions

Corporate Actions	Assumptions	Annual tCO _{2e} reduction by 2030
Goal #1: Reduce Emissions from Municipal Operations		
Energy efficiency benchmarking, audits, and retrofits for existing buildings.	<ul style="list-style-type: none"> Examples of retrofits – LED retrofit, update building automation systems, weather insulation, high-efficiency windows Assume overall reduction of 5% in gas and electricity consumption from 2019 by 2030. 	380
Improve water & sewage utility system to reduce leaks and infiltration	<ul style="list-style-type: none"> The annual water audit estimated water loss in the utility system to be 20%. With improved utility systems, the electricity and gas consumption at water and wastewater facilities can be reduced by 10% by 2030. 	200
Replace Park Valley Pool with a new energy efficient Aquatic Centre	<ul style="list-style-type: none"> The new Aquatic Centre is designed to maintain the same consumption – even with increased occupancy, services, and programming. For this action, it is projected that to prevent energy consumption from increasing at the rate of 0.77% annually, the energy reductions must match growth rate and compound annually. 	35
Initiate fuel-efficient driver training program	<ul style="list-style-type: none"> NRCan estimates that the Smart Driver Training program can help save up to 25% of fuel costs and emissions. For Drayton Valley, it is projected that reduction will only occur for light and heavy duty vehicles, at about 15% reduction. 	10
Goal #2: Reduce landfill emissions		
Investigate technologies for reducing landfill emissions	<ul style="list-style-type: none"> Any technology applied at the landfill could reduce or even eliminate methane emissions. Assume successful reduction of methane by 50% from 2019 landfill emissions. 	8,000
Differential landfill tipping fee	<ul style="list-style-type: none"> Wood, drywall, and shingles was estimated to be over 4000 metric tons in 2019. Assume 25% is successfully diverted with this action. 	1,000
Goal #3: Diversifying energy supply		
Solar PV systems at municipal facilities	<ul style="list-style-type: none"> Emissions reductions based on solar PV modelling exercises completed for the Omniplex and Clean Energy Technology Centre. 	300
Combined heat and power (CHP) system at municipal facilities	<ul style="list-style-type: none"> Emissions reductions based on CHP modelling exercise completed for the Omniplex. 	130



DRAYTON VALLEY

For further information, please contact:

Energy Program Coordinator
Town of Drayton Valley
5120-52 Street, Box 6837
Drayton Valley Alberta T7A1R6
www.draytonvalley.ca

TOWN OF DRAYTON VALLEY

REQUEST FOR DECISION

DRAYTON VALLEY



SUBJECT:	2021 Property Tax Forgiveness Request
MEETING:	December 16, 2020 Regular Meeting of Council
PRESENTED BY:	Jennifer Fancey Finance Manager

1. PROPOSAL AND BACKGROUND:

Alloy Energy Services Inc. is an energy service company seeking to continue its operations in Drayton Valley. The company offers diversification and expansion to our local economy. Administration has received a request from Alloy Energy Services Inc. for the forgiveness of 2021 municipal property taxes for roll no. 70306900.

Alloy Energy Services Inc. is leasing the property from Gruber Holdings. Gruber Holdings intends to pass the forgiveness to tenants, Alloy Energy Services Inc.

Council forgave the 2020 municipal taxes for roll no. 70306900 totaling \$9,010.64.

2. BUDGET / GRANT / RESOURCE IMPLICATIONS:

Based on an estimate from 2020 municipal tax rates, the 2021 revenue loss would be approximately \$9,010.64





3. ALIGNMENT WITH LEGISLATION AND TOWN PLANS:

Type of Document	Yes ~ N/A ~ Partial	Comments
Provincial Acts / Regulations	Yes	MGA - S.347(1) Cancellation, reduction, refund or deferral of taxes.
Municipal Bylaws		
Municipal Development Plan		N/A
Sustainability Vision 2019-2021		N/A
Town of Drayton Valley Strategic Plan 2019-2021	Yes	Goal One: Recovery in Drayton Valley. This goal aims to diversify and create resiliency for the local economy.
Other Plans or Policies	Yes	Cancellation of Taxes (TF-06-96)

4. POTENTIAL MOTIONS:

- A. That Council approve the request from Alloy Energy Services Inc. for the forgiveness of municipal taxes for tax roll no. 70306900 for the 2021 year.
- B. That Council decline the request from Alloy Energy Services Inc. for the forgiveness of municipal taxes for tax roll no. 70306900 for the 2021 year.
- C. That Council _____.

5. ATTACHMENTS:

REPORT PREPARED BY:	 	REVIEWED BY:	
APPROVED BY:			

Information Items

9.0	Information Items	Pages 94-118
9.1.	Drayton Valley Municipal Library Minutes – October 15, 2020 and October Stats	95-101
9.2.	Brazeau Foundation Meeting Minutes – October 19, 2020	102-103
9.3.	STAR Catholic Schools Board Meeting Highlights – November 2020	104
9.4.	Sustainability Committee Meeting Notes – November 4, 2020	105-106
9.5.	Yellowhead Regional Library Board Meeting Minutes – October 5, 2020	107-110
9.6.	Drayton Valley RCMP Stats – November 2020	111-118

MOTION:

I move that Town Council accept the above items as information.

TOWN of DRAYTON VALLEY LIBRARY BOARD MEETING MINUTES

**The minutes of the Drayton Valley Municipal Library Board regular meeting held
October 15, 2020, Civic Centre Meeting Room**

PRESENT Trustees: Lyndara Cowper-Smith (Chair), Pat Adamson (Treasurer), Colleen Andersen, Sandra Blades, Donna Gawalko, Kara Westerlund (County Council alternate), Nancy Dodds (Town Council) attending meeting by phone

Admin: Doug Whistance-Smith (Director), Darlene Edwards (Recording Secretary)

ABSENT Rosemarie Mayan (Vice Chair)

GUESTS Karen Hickerty, Susan Schwindt, Colleen Schoeninger

CALL TO ORDER

Lyndara Cowper-Smith called the meeting to order at **1:20 pm.**
Quorum Declared

ADOPTION OF AGENDA

Additions/ Deletions/ Amendments: Amend date from Oct 17 to October 15.

MOTION 2020-073 *Pat Adamson* moved to approve the agenda as amended. **CARRIED**

ADOPTION OF MINUTES

Additions/ Deletions/ Amendments: Amend numbering for motion to adjourn meeting from Motion 2020-071 to **Motion 2020-072**.

MOTION 2020-074 *Donna Gawalko* moved to adopt the minutes as amended. **CARRIED**

INTRODUCTION OF TRUSTEE PROSPECTS

The Board was introduced to ***Karen Hickerty***, a Town resident with previous experience on school council.

The Board was introduced to ***Susan Schwindt***, a Town resident with a long history as a local educator with experience in life-long learning and literacy programming.

1:25 pm Colleen Schoeninger enters the meeting

The Board was introduced to **Colleen Schoeninger**, a County resident with experience on Bonnyville Town Council, Brazeau County Library Board trustee and DV Library children's programming.

The Board welcomed the trustee candidates. Chair Lyndara Cowper-Smith informed them that they do not yet have voting privileges but were welcome to participate in open discussions.

NEW BUSINESS

ALTA membership fee structure change: The Director read information from ALTA regarding an increase in membership fees for 2021 based on population served by the Board. Fees for Drayton Valley Library Board will increase from \$350 to \$600 per year. Membership is required to access certain continuing education resources and services including trustee conference registration. The one fee covers all trustees on the Board.

MOTION 2020-075 *Pat Adamson* moved to renew Board membership at the new fee.
Sandra Blades seconded the motion. **CARRIED**

Quote for alternate Health Benefits providers: The Director presented the Board with a quote from Navigate Financial Group providing pricing for optional health benefit providers compared to the Library's current provider, SunLife as brokered through AUMA/ AMSC. The current provider, SunLife, does not provide "couples benefits", whereas a couple's rate is available through Desjardins, Group-Source, Manulife and Cooperators. The benefit packages are relatively comparable from one provider to the next; however, savings can range from approximately \$7,000 per year (Desjardins) to \$16,000 per year (Co-operators). The quote was only made available as of today, October 15; therefore, the Board was encouraged to review the information prior to rendering a decision while the information is also presented to staff.

MOTION 2020-076 **Donna Gawalko** moved to table further discussion or decision to November.

CARRIED

OLD BUSINESS

Re-Opening of Rotary Library to Public: The Director informed the Board of a pending surgery for the Rotary Library's children's programmer and staff shortages at Main Branch that would significantly impact scheduling. There would also need to be strict guidelines for access due to pandemic-safe practices. The Director advised against moving forward with re-opening Rotary Library in November.

Discussion.

MOTION 2020-077 **Sandra Blades** moved to suspend plans for Rotary Children's Library re-launch indefinitely until staffing levels allow.

CARRIED

In-Person Programs: The Director commented on the decline in virtual program attendance possibly due to "Internet burn-out". With relatively low incidents of local COVID cases, the Library has tried re-introducing in-person movie programs starting in October and would like to expand the offerings to include youth book clubs starting in November with pandemic protocols in place.

Discussion.

Action Item: *The Main Branch programmer can move forward with promoting and presenting some in-person activities in the Civic Centre meeting rooms to allow for social distancing and other health and safety protocols.*

FINANCIAL

The Director reported that the Charity Return has been filed with CRA ahead of the December 31 deadline.

Provincial grant and Municipal appropriations have been received. Current account balance as of October 9 is **\$267,400**.

September Financial Reports were reviewed. The Director commented that individual budget lines do not provide an accurate picture of financial activities as reports are generated from 2020 budget and that COVID has required modified spending and reduced operational revenues. The Director recommended that the Board focus on bottom lines rather than individual account lines.

The 2021 budget has been submitted to Town and County councils for consideration. The budget was presented in person to Town Council at a Governance & Policy meeting on September 30 and was accepted as information for Town Finance and Treasury. The Board was advised to consider options for reducing appropriation request. Following the

presentation, The Director was offered information on an alternate funding structure for the Sears Building to supplement the previous option to lease space.

2:40 pm Colleen Andersen enters the meeting.

MOTION 2020-078 *Donna Gawalko* moved to accept financial report as information.

CARRIED

REPORTS

Manager's Report: Darlene Edwards informed the Board of an incident on September 30 re attempted theft of library material with follow-up training for staff to stop people when the security gate alarm sounds. She also reported on staffing issues where the Manager and Director have been required to bank time-in-lieu; these extra hours may exceed the maximum allowed 37.5 hours and may need to be rolled over to 2021 to be reconciled as library staffing is already stretched thin.

Discussion.

The Manager found a patron satisfaction survey from July that included negative comments about our library services tucked in a drawer. The Director read the comments to the Board as information.

Discussion. No action required.

Director's Report: Doug Whistance-Smith commented on Library stats and a noticeable decline in virtual program attendance, possibly due to Internet-burnout. The Library is looking to re-launch some in-person programs with pandemic protocols.

The Director also reported on a recent letter from YRL Board Chair Hank Smit regarding motions by AUMA and RMA to re-open the Alberta Libraries Act to update and amend. Kara Westerlund forwarded the RMA motion to the Director; Nancy Dodds forwarded the AUMA motion to the Director.

Discussion.

Action Item: *An ad hoc committee consisting of Kara Westerlund/ Donna Wiltse, Nancy Dodds, Sandra Blades and Doug Whistance-Smith will draft a letter of position for Drayton Valley Library to be reviewed at the November Library Board meeting.*

New Facility Committee Report: Lyndara Cowper-Smith, Pat Adamson and Doug Whistance-Smith met with Town Councillor Bill Ballas on Tuesday October 6 to review new information regarding the possible purchase of Sears building by Town. The new data fills in a gap in the information from the Board's original recommendation letter sent to Town and County councils on July 24. The new information was shared with Town Council on Wednesday October 7 as a proposal for further consideration and was accepted as information. Lyndara Cowper-Smith and Doug Whistance-Smith presented the information to a Joint session of Town and County councils on Thursday, October 8 and received a mixed response that has since been featured in newspaper articles and a letter to the editor.

Discussion.

Action Item: *The New Facility Committee will suspend all activity until 2021.*

Advocacy Committee Report: Doug Whistance-Smith reported that the deadline for submitting the Five-Year Plan has been extended to June 15, 2021. The Director has compiled data from surveys and the Fire & Ice Open House event and can begin

organizing the information into “Priorities”, “Objectives” and “Measurable Goals” until a committee meeting can be scheduled. The Director will also draft a questionnaire for soliciting stakeholder feedback from municipal and community partners.

No other reports from committees or trustees.

MOTION 2020-079 *Donna Gawalko* moved to accept reports as information. **CARRIED**

PREAMBLE to NOVEMBER AGM

Trustee Applications: Donna Gawalko and Pat Adamson have completed and submitted their application for re-appointment to the Board. Colleen Andersen has stated her intent to retire from the Board.

The Board has been introduced to three prospective trustees, Karen Hickerty, Susan Schwindt, Colleen Schoeninger. The candidates expressed continued interest in seeking appointment.

The Director explained that the cycle of term appointments is unevenly balanced with the potential to have five trustee terms expiring in 2023. Appointments for new trustee positions may need to be staggered.

MOTION 2020-080 *Donna Gawalko* moved to go *in camera* at 3:25 pm. **CARRIED**

MOTION 2020-081 *Colleen Andersen* moved to exit *in camera* session at 3:28 pm. **CARRIED**

MOTION 2020-082 *Donna Gawalko* moved to forward a letter of recommendation to Town Council for Colleen Schoeninger's appointment to the Board for a three-year term ending **October 31, 2023**. **CARRIED**

MOTION 2020-083 *Pat Adamson* moved to forward a letter of recommendation to Town Council for Karen Hickerty's appointment to the Board for a two-year term ending **October 31, 2022**. **CARRIED**

MOTION 2020-084 *Pat Adamson* moved to forward a letter of recommendation to Town Council for Susan Schwindt's appointment to the Board for a one-year term ending **October 31, 2021**. **CARRIED**

MOTION 2020-085 *Lyndara Cowper-Smith* moved to forward letters of recommendation to Town Council for re-appointment of Donna Gawalko and Pat Adamson to the Board for additional three-year terms ending **October 31, 2023**. **CARRIED**

Trustee Years of Service Honoraria: Lyndara Cowper-Smith presented honoraria cheques to Colleen Andersen, Pat Adamson and Donna Gawalko with thanks for their service to the Board.

Executive Officers Statement of Intent: Lyndara Cowper-Smith stated her intent to let her name stand for Chair or another Executive position. Rosemarie Mayan was not present to state her intent to continue as Vice Chair. Pat Adamson stated her intent to continue as Treasurer or another Executive position. Elections are scheduled for the November meeting following confirmation of trustee appointments. All appointed trustees are eligible to be nominated and to vote.

CORRESPONDENCES

Action Items:

- **Oct 7:** CRA Charities Directorate re 2019 Charity Return is due no later than Dec. 31. Return completed & filed by Director on Oct 8 (Case # CH202821949332).
- **Oct 7:** email from Jordan DeSousa, PLSB, re Plan of Service webinars and deadline for POS submission (June 15, 2021).

Incoming Information Items:

- **Sept 14:** Letter from YRL Board Chair, Hank Smit, re call for library boards to lobby municipal councils against opening the Libraries Act for amendments.
- **Sept 16:** Letter from Town of DV re Town Council's approval of the Library Board's change of Accountant conducting Annual Review of Financial Statements.

Outgoing Items:

- **Sept 14:** Letter to Town and County Councils re Library Operating Budget. Request for Decision document attached.
- **Sept 21:** Forward Sept 16 letter from Town of DV to PLSB. PLSB confirms receipt with confirmation that second half of Provincial Operating Grant can now be released.
- **Oct 7:** Letter from Board Chair to Town Council re info on option to purchase Sears bldg.

MOTION 2020-086 *Pat Adamson* moved to accept correspondences as information.

CARRIED

NEXT MEETING: Thursday, **November 19th** @ 1:15 pm

MOTION 2020-087 *Colleen Andersen* moved to adjourn meeting.

CARRIED

Board Chair

Library Director

Adopted on the ____ day of _____, 2020

Drayton Valley Libraries Monthly Stats – October 2020

Page 100 of 118

Patrons	Main (ADV)	Rotary (ADVR)	Combined
ME Library users	1 *people from other library systems that registered to borrow directly from ADV		
New/ Renewed Patrons	25	0	25
Patron Records Deleted	2	0	2
TOTAL Patrons	2512	334	2846
Where They Live: DV Town: 1681 + Brazeau: 1023 /1279 (226 registered @ Breton) + Other: 142			
DV Town Pop ⁿ = 7235 Brazeau County Pop ⁿ = 7771 (6295 adjusted*) TOTAL Pop ⁿ = 13530*			
DV Library Users/ Pop ⁿ = 23.2% Town DV Library Users/ Pop ⁿ = 16.3%* BC TOTAL/ Pop ⁿ 21.0%			

Collections	23472 items	6144 items	29616 items
Items Added	161	0	161
Items Deleted	0	0	0
Items Withdrawn	85	1	86

Circulations			
Check-Outs	4617	77	4694
# Patrons	436	11	447
Check-Ins	3528	42	3570
Overdue CKIs	240	4	244

Note: Main Branch Library circulations are returning to near pre-pandemic levels. Rotary Library remains closed to the public.

ILL & Holds			
Staff Generated Holds	310	0	310
Holds Satisfied	812	35	847
Holds Cancelled	103	14	117
ILL-Items Borrowed (from other libraries)	1821	60	1881
ILL - Items Lent (to other libraries)	986	24	1010

Note: YRL resumes full ILL delivery services in mid-July. Main Branch Library holds are returning to pre-pandemic volumes.

Public Access Catalogue (TRACpac) = Patron self-directed activity

Log-ins	848	81	929
Item Renewals	642	9	651
Patron Generated Holds	643	112	755
Patron Cancelled Holds	46	14	60

Public Access - Potential Hrs	236 hrs	120 hrs	356 hrs
Closures: Stat / Pandemic & Staff mtg	(-10/ 22 hrs)	(-7.5/ 112.5 hrs)	(-152 hrs)
Actual Open Hours	204 hrs	0 hrs	204 hrs

Note: Main Branch Library modified hours: M-F 9am-12n/ 1pm-7pm (staff cleaned public space and work stations 12-1 pm & 7-8pm). Closed Saturdays (staffing shortage).

Wi-Fi & Public Computer Usage:

Public Computer Use:	195 sessions/ 106 Hrs	0 sessions/ 0 Hrs	195 Sessions / 106 Hrs
	195 sessions/ 6360 min	0 sessions/ 0 min	195 Sessions / 6360 Min
Wi-Fi Sessions (patrons/staff)	744 / 169	193 / 63	1169
Wi-Fi Max. Same-time Users	15	7	22 same-time users
Unique Devices	174	76	250 unique devices
Total Data	209.89 GB	14.75 GB	224.64 GB

eResources

Hoopla Circs	93	0	93
OverDrive Circs	755	34	789 eBook Check-outs
RBDigital Circs	32	0	32
YRL Region DB Circs:	Cloud 5077 circs	Press Reader 8525 circs	AB eBooks 5 circs
Website (DVLlibraries):	Users: 511	Sessions: 802	Page Views: 2345

Note: Since return to near full service and patron access, eResource use is slowly dropping back to pre-pandemic levels.

Oct 2020 Virtual Programs & Activities

	Posts	Followers	Reached	Impressions	Engagements
Facebook	116	855	3145	17504	696
Instagram	85	178	223	1916	58
Twitter	86	678	N/A	6172	58
YouTube	29	24	495	2548	61 Hrs.

Virtual Children Programs

		Sessions	Live Participants	Views	
Crafting with Ginny (Tues)	Ginny	8	4	44	
Musical Theatre (Wed am)	Ginny	4	2	20	
Paper Magic - Art (Wed pm)	Ginny	4	4	21	
Reading Adventures (Thu am)	Ginny	5	0	n/a	
Art Creation (Thu pm)	Ginny	5	3	23	
		26 sessions	13 live +	108 views	= 121

Virtual Youth Programs

		Other Access	Live Participants	Recorded Views	
Virtual Halloween Party	Verna	n/a	7	n/a	
Story-on-Request	Verna	n/a	n/a	129	
YouthInk Book Clubs	Verna	5 (web hub)	13	31	
Teen Time (science, games, art, hacks)	Verna	n/a	3	62	
Variety – Old Program Recordings (for youth)		n/a	n/a	96	
		5 +	23 live +	318 views	= 346

Virtual Adult & Sr. Programs

		Other Access	Live Participants	Recorded Views	
Adult Reading Connection	Verna	10 (FB group)	0	23	
Distantly Social (art, home, craft, b.club)	Verna	n/a	2 (in person)	2	
Wake Up & Write	Leah	76 (FB group)	14	n/a	
Variety – Old Program Recordings (for adults)		n/a	n/a	23	
		86 +	16 live +	68 views	= 170

Family & Multigenerational Programs

		Other Access	Live Participants	Recorded Views	
For All Ages Story & Craft (old)	Verna	n/a	n/a	31 (Youtube Views)	
Homework Help	Verna	1 (Messenger)	1 (in person)	430 (FB >3 sec views)	
Variety – Old Program Recordings (family)		n/a	n/a	48 (Youtube Views)	
		1 +	1 live +	509 views	= 511

Outreach Social Distanced Services

Seniors Outreach (x2)	20
Interagency	10
Curbside Service	1 patron (picked up 2 DVDs – patron had a cold)

Library Awareness & Networking

Monthly Newsletter	
Newspaper Ad	
Newspaper Articles	5 (Library relocation efforts)
Program E-Newsletter	18 subscribers

Other Initiatives



Brazeau Foundation
Managing Housing Solutions

5208 -47 Avenue,
Drayton Valley, Alberta, T7A 1N7
Phone: (780) 542-2712 Fax: (780) 542 2765
E-mail: bsf@telusplanet.net

MEETING OF THE BOARD OF DIRECTORS
CETC, Drayton Valley
October 19, 2020
1:00 PM

ATTENDANCE:

Directors Present:

Tom McGee- Chairperson	Town of Drayton Valley
Jeannette Vatter	Member at Large – Drayton Valley
Cody Brooks	Member at Large – Brazeau County
Marc Gressler	Brazeau County
Janet Young- Vice-Chairperson	Village of Breton

Administration Present:

Denise Chesterman	Chief Administrative Officer
Laura Delesalle	Finance Manager

1.0 CALL TO ORDER

T. McGee called the meeting to order at 1:09 PM.

2.0 AGENDA

2.1 APPROVAL OF AGENDA

Resolution #20-10-108: Moved by J. Young to approve the agenda with no additions.

Motion ...Carried Unanimously

3.0 APPROVAL OF MINUTES

3.1 MINUTES FROM THE SEPTEMBER 9, 2020 REGULAR BOARD MEETING

Resolution #20-10-109: Moved by J. Vatter to approve the minutes of the September 9, 2020 Regular Board Meeting.

Motion ...Carried Unanimously

3.2 BUSINESS ARISING OUT OF THE MINUTES

4.0 FINANCIAL

4.1 FINANCIAL REPORTS – Foundation

Two handwritten signatures in black ink. The top signature is a cursive name, possibly 'Shannon'. The bottom signature is also cursive and appears to be 'J. Vatter'.

Minutes of Regular Board Meeting
October 19, 2020
Page 3 of 4

Resolution #20-10-115: Moved by M. Gressler to have our architect draw up engineered plans for the parking lot expansion.

Motion ...Carried Unanimously

6.1.1.1 COVID-19

6.1.2 Vacancy Report

Resolution #20-10-116: Moved by M. Gressler to accept the vacancy report as information.

Motion ...Carried Unanimously

6.1.3 In-Private Session (Personnel/Legal)

Resolution #20-10-117: Moved by J. Young to go in-private to discuss personnel matters at 2:20 PM.

Motion ...Carried Unanimously

Resolution #20-10-118: Moved by M. Gressler to come out of in-private at 2:21 PM.

Motion ...Carried Unanimously

Resolution #20-10-119: Moved by M. Gressler to have the chairperson sign the legal letter.

Motion ...Carried Unanimously

6.2 Policy- *None at this time*

7.0 CORRESPONDENCE

7.1 To: Village of Breton, Brazeau County, Town of Drayton Valley, Carlson Roberts Seely, MLA for Drayton Valley - Calmar RE: Board of Directors Meeting Minutes (September 14, 2020)

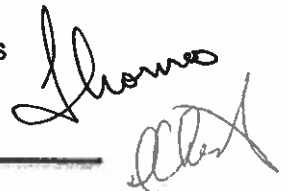
7.2 From: Alberta Seniors and Housing RE: Housing Management Bodies Amalgamating (September 11, 2020)

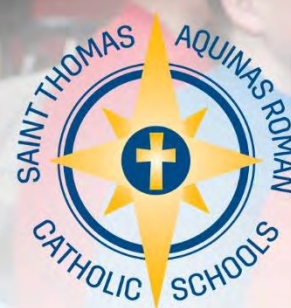
7.3 From: Alberta Seniors and Housing RE: Business Plan 2020-20221 (September 30, 2020)

7.4 To: Brazeau County, Town of Drayton Valley RE: Parking Lot Expansion and Resident Safety (September 30, 2020)

7.5 From: Alberta Seniors and Housing RE: 2020 DRS Budget and Program Update (October 1, 2020)

Resolution #20-10-120: Moved by J. Vatter to accept correspondence as information.





Souls Seeking Christ

ON A JOURNEY OF FAITH, LEARNING AND LOVE

Board Meeting Highlights – November 2020

DATES TO REMEMBER

Next Board Meeting

Wednesday,
December 16,
10:30 a.m.
STAR Central Office
4906 50 Ave., Leduc, AB
The public is welcome to stream all Board meetings.

Board of Trustees

[Michelle Lamer](#)

Chair
Leduc

[Henry Effon](#)

Vice Chair
Wetaskiwin

[Sandra Bannard](#)

Drayton Valley

[Vacant](#)

Leduc

[Liz Taylor-Sirois](#)

Beaumont

[Dan Svitch](#)

Ponoka

[Donna Tugwood](#)

Lacombe

Off-Campus Education

The Board gave updated approval of student involvement in off-campus education activities including Work Experience, Registered Apprenticeship Program, and Knowledge and Employability Workplace Readiness.

Alberta Education Results Report

The Board approved the Division's 2019-2020 Alberta Education Results Report (AERR) as presented. The public can view the 2019-2020 AERR on the Division's website.

Education Plan

The Board approved the Division's Education Plan as presented. The public can view the Education Plan on the Division's website.

Audited Financial Statement

The Board heard a presentation on audited financial statement highlights for the 2019-2020 school year and approved their release to the public and Alberta Education.

Staff Day Off in Gratitude

As an expression of appreciation for the extra efforts and work undertaken by staff this year, the Board of Trustees moved to amend division calendars to grant school employees a day off with pay on January 29, 2021. This day had previously been scheduled as a Division collaboration day.

School Council Reports

The Board reviewed reports submitted by school councils for the 2019-2020 school year, which included details on council activities, goals, and fundraising efforts.

For more information visit: www.starcatholic.ab.ca, or call 780.986.2500



*Sustainability Committee Meeting
Tuesday November 4, 2020, 9:00 a.m.-10:00 p.m.
Town of Drayton Valley Conference Rooms #2*

Meeting Notes

Present: Councillor Nancy Dodds, Councillor Fayrell Wheeler, Aishah Mohd-Isa, Lisa Legeas, Bree Motkoski

1.0 Call to Order

Councillor Dodds called the meeting to order at 9:01 a.m.

2.0 Additions or Deletions to Agenda

3.0 Adoption of Agenda

Councillor Wheeler moved to approve the agenda as presented.
Carried

4.0 Approval of Committee Meeting Notes

4.1 Sustainability Committee Meeting Notes, October 6, 2020

5.0 Discussion Items

5.1 Art Project for the new pool
Put over till December's meeting

5.2 Ideas for future events etc.
The committee expressed that we are very excited to partner with the Chamber of Commerce for future events and having community involvement.

5.3 Community Needle Disposal
Ms. Legeas to do a bit more research and provide an update to the Committee in December.

5.4 PFAS
Councillor Wheeler updated the committee regarding PFAS and what the AUMA is asking of different municipalities which is to help take part with some sampling of Leachate for research purposes by giving a blind sample. Councillor Dodds asked about what will come out of the study. Ms. Mohd-isa to prepare and research more details.

Sustainability Committee Meeting

November 4, 2020

5.5 Local Leader Mentorship Program

Encouraging people to run for council and informing members of the public what it's like to be a councillor. Sustainability of governance. Put over to the next agenda.

5.6 Joints Benefit Authority Plan

Put over till December's meeting

5.7 Events – Event Representative for Chamber of Commerce

The Chamber of Commerce approached G&P. Asked to partner with the Town about other events around Christmas time, Councillor Dodds asked how we can plan something during this difficult time. Decorate your home ideas, prizes, etc. Community involvement. There are many events that we can organize. Councillor Wheeler mentioned having the same contest as Canada Day with a Facebook event. Councillor Dodds stated that the Chamber of Commerce meet every third Thursday and would notify them that we would like to partner for future events. Ms. Motkoski will ask Ms. Stone to provide a communications piece. Light up the Town is a discussion for a Christmas event to be held possibly on December 12th or 13th. Judging, prizes. We need to find a location for residents to drop off and pick up any donated ornaments should anyone wish to.

5.8 Committee Restructure Plans & Terms of Reference

Councillor Wheeler is now the Chair of the Sustainability Committee. Ms. Legeas to provide the Terms of Reference to Councillor Wheeler.

6.0 Other Business**7.0 Information Items****8.0 Items for Next Meeting**

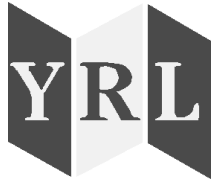
- PFAS update
- Community Needle
- Take it or leave it – Landfill, Khaled to attend
- Tree Grants
- Local Leadership mentorship program
- Joint Benefits Authority Plan
- Christmas Event with the Chamber of Commerce
- Art Project at the Pool
-

9.0 Next Meeting Date

- December 2, 2020, 9 a.m. – 12 a.m. at Town of Drayton Valley in Conference Room #2

10.0 Adjournment

Councillor Dodds adjourned the meeting at 9:50 a.m.



**Yellowhead Regional Library
Board of Trustees Meeting
Online via GoToWebinar
October 5, 2020**

Present

Vice Chair Stacey May, Town of Devon
Bill Elliot, City of Wetaskiwin
Carla Frybort, City of Leduc
Dave Kusch, Woodlands County
David Truckey, Town of Westlock
Donna Wiltse, Brazeau County
Dwayne Mayr, Village of Warburg
Jason Shewchuk, Village of Spring Lake
Jeff Goebel, Town of Swan Hills
Jenna McGrath, Municipality of Jasper
Judy Bennett, Town of Stony Plain
Judy Lefebvre, Pembina Hills School Division
Judy Valiquette, Village of Alberta Beach
Krista Gardner, Town of Calmar
Len Spink, City of Beaumont
Lynn Pritchard, Village of Breton
Margaret Gagnon, Summer Village of Crystal Springs
Marge Hanssen, Summer Village of Nakamun Park
Marlene Walsh, Summer Village of Val Quentin
Pat St. Hilaire, Town of Onoway
Paul Chauvet, Town of Whitecourt
Rick MacPhee, Summer Village of Seba Beach
Rod Klumph, Town of Barrhead
Ron Kleinfeldt, County of Barrhead No. 11
Sandy Morton, Town of Mayerthorpe
Sherry Jeffreys, Northern Gateway School Division
Victor Julyan, Westlock County
Wayne Rothe, City of Spruce Grove

Staff

Karla Palichuk, Director
Wendy Sears Ilnicki, Deputy Director
Jessica Knoch, Mgr., Library Development Services
Jocie Wilson, Mgr., Collections and Resource Sharing
Stephanie Thero, Mgr., Technology Services
Ben Ehlers, Librarian, Library Development Services
Laurie Haak, Executive Assistant and Recorder

Guests

Miranda Maguire, Public Library Services Branch

Absent

Chair Hank Smit, Town of Hinton
Ann Morrison, Summer Village of Sunset Point
Art Purdy, Village of Clyde
Brenda Shewaga, Summer Village of Yellowstone
Dale Woitt, County of Wetaskiwin No. 10
Dave Gursky, Wetaskiwin School Division
Doug Peel, Town of Millet
Ivor Foster, Town of Thorsby
Jocelyn Wiggins, Village of Wabamun
John McIvor, Summer Village of Kapasiwin
Krystal Baier, Town of Edson
Liz Turnbull, Summer Village of Silver Sands
Lloyd Giebelhaus, Lac Ste. Anne County
Nancy Dodds, Town of Drayton Valley
Penny Lowe, Yellowhead County
Robert McClure, YRL Public Libraries' Council
Sandi Benford, Summer Village of South View
Tessa Hutchings, Leduc County
Tracey Melnyk, Parkland County

Representative not Appointed

Summer Village of Birch Cove
Summer Village of Castle Island
Summer Village of Grandview
Summer Village of Lakeview
Summer Village of Ma-Me-O Beach
Summer Village of Norris Beach
Summer Village of Poplar Bay
Summer Village of Ross Haven
Summer Village of Silver Beach
Summer Village of Sunrise Beach
Summer Village of West Cove

CALL TO ORDER

S. May called the meeting to order at 10:00 a.m.

1. Approval of Agenda

S. May noted that the order of agenda items eight and nine would be reversed.

S. Jeffreys entered the meeting.

MOVED by S. Morton that the agenda be approved as amended. SECONDED by J. Goebel.	CARRIED	3957
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D. Kusch entered the meeting.

2. Approval of Minutes

MOVED by J. Bennett that the minutes of the June 22, 2020 YRL Board meeting be approved as presented. SECONDED by D. Mayr.	CARRIED BY MAJORITY	3958
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INFORMATION ITEMS

NOTE: Documentation was included in the meeting package unless otherwise noted.

3. Draft 2021 Budget and 2022-2023 Projections

4. 2019-2021 Plan of Service Pandemic Workplan

a. Member Public Library Focus Group Discussion Guide

5. Policy Manual Revisions

- a. Delegation of Authority Policy**
- b. Parliamentary Procedure and Meeting Policy**
- c. Risk Management Policy**
- d. Director Succession Plan Policy**
- e. Compensation Philosophy Policy**
- f. Working from Home Policy**
- g. Business Continuity Policy**
- h. Appendices: Business Continuity Plan**
- i. Appendices: Pandemic Business Continuity Plan**

6. Information Technology (IT) Services Parameters

7. Infrastructure Grant Update – Wendy Sears Ilnicki

The entire grant has been expended, and the final report will be presented in December before it is submitted to the Public Library Services Branch (PLSB).

8. Library System Service Delivery during Pandemic Survey for the Province

D. Wiltse left the meeting.

9. Indigenous Grant Update and Report for the Province

The final report for last year's grant has been submitted to the PLSB, and this year's grant agreement is in the process of being signed.

M. Walsh entered the meeting.

10. Pembina Hills School Division Reading Project 2019-2020 Summary Report**11. Summer Reading Club 2020 Report****12. YRL Public Libraries' Council (PLC) Update – Wendy Sears Ilnicki on behalf of Robert McClure**

The virtual conference was fantastic, and library staff are very satisfied with the work YRL is doing.

13. Public Library Services Branch (PLSB) Update – Miranda Maguire

Update emailed to Trustees about welcoming the new Minister of Municipal Affairs, COVID-19 and public library service, e-content news, upcoming PLSB webinar, National Network of Equitable Library Services (NNELS) news, Indigenous public library services, and the Public Library Directory.

14. Alberta Library Trustees' Association (ALTA) Update – Stacey May on behalf of Hank Smit

Sandy Morton is the new Area 2 Alternate; the ALTA Board will be meeting at YRL on October 17.

15. Executive Committee Minutes – August 31 and September 14, 2020**16. Correspondence**

MOVED by W. Rothe that the draft 2021 Budget and 2022-2023 projections, 2019-2021 Plan of Service Pandemic Workplan, member public library focus group discussion guide, Policy Manual revisions, IT Services Parameters, infrastructure grant update, Library System Service Delivery during Pandemic survey for the Province, Indigenous Grant update and report for the Province, Pembina Hills School Division Reading Project 2019-2020 Summary Report, Summer Reading Club 2020 Report, the YRL Public Libraries' Council, Public Library Services Branch and Alberta Library Trustees' Association updates, Executive Committee minutes of August 31 and September 14, 2020, and the correspondence be accepted as presented for information.
SECONDED by D. Mayr.

CARRIED BY MAJORITY

3959

NEXT MEETINGS

Annual Board Organizational Meeting on Monday, December 7, 2020 via GoToWebinar starting at 10:00 a.m. and immediately followed by an Executive Committee meeting.

ADJOURNMENT

MOVED by P. Chauvet that the meeting adjourn at 11:18 a.m.

SECONDED by D. Mayr.

CARRIED BY MAJORITY

3960

Hendrik Smit, Chair

(Vice Chair S. May chaired the meeting for H. Smit)

Karla Palichuk, Director

Date

Date



Drayton Valley Municipal Crime Gauge

2020 vs. 2019
January to November

Criminal Code Offences



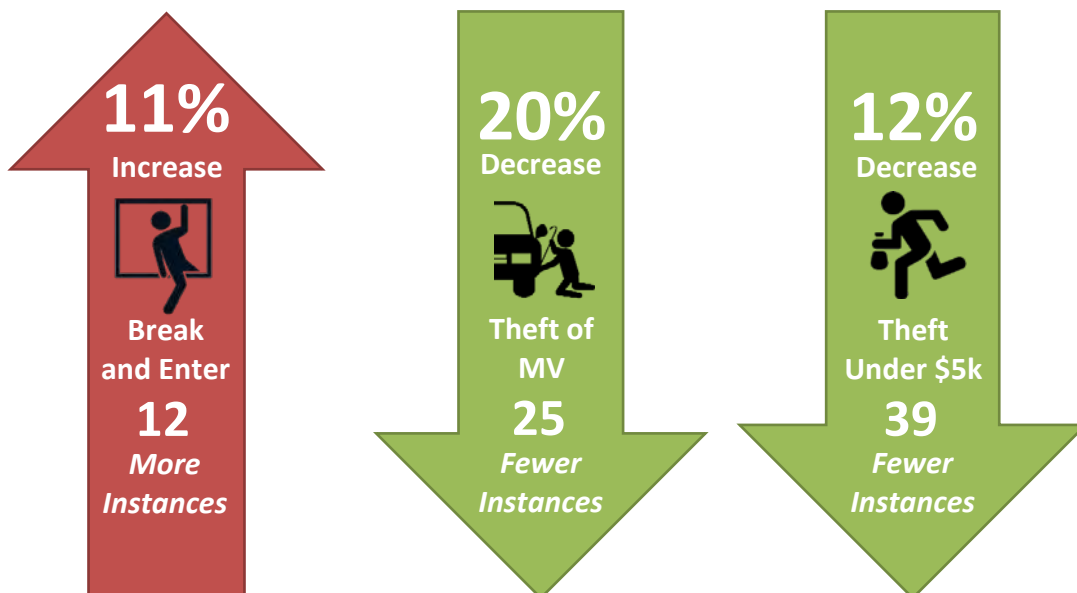
**Total
Criminal Code
Offences:**

9%

Decrease

When compared to
January to November, 2019

Select Property Crime



NOTE: If in both 2019 and 2020 a category had fewer than 20 offences, a percent change is not shown. All numbers without a '%' beside them represent counts.



Drayton Valley Municipal Detachment Crime Statistics (Actual) January to November: 2016 - 2020

All categories contain "Attempted" and/or "Completed"

December-04-20

CATEGORY	Trend	2016	2017	2018	2019	2020	% Change 2016 - 2020	% Change 2019 - 2020	Avg File +/- per Year
Homicides & Offences Related to Death		0	0	1	0	2	N/A	N/A	0.4
Robbery		4	5	3	5	4	0%	-20%	0.0
Sexual Assaults		11	14	8	6	11	0%	83%	-0.8
Other Sexual Offences		9	6	15	3	6	-33%	100%	-0.9
Assault		81	97	135	90	100	23%	11%	3.1
Kidnapping/Hostage/Abduction		1	4	2	3	2	100%	-33%	0.1
Extortion		1	0	1	2	1	0%	-50%	0.2
Criminal Harassment		14	21	19	26	24	71%	-8%	2.5
Uttering Threats		27	35	41	42	41	52%	-2%	3.5
TOTAL PERSONS		148	182	225	177	191	29%	8%	8.1
Break & Enter		88	96	161	106	118	34%	11%	7.0
Theft of Motor Vehicle		64	80	114	122	97	52%	-20%	10.8
Theft Over \$5,000		6	7	20	8	14	133%	75%	1.7
Theft Under \$5,000		253	315	484	321	282	11%	-12%	6.4
Possn Stn Goods		30	44	85	78	62	107%	-21%	9.8
Fraud		45	62	83	68	74	64%	9%	6.4
Arson		0	2	3	4	7	N/A	75%	1.6
Mischief To Property		166	201	212	206	243	46%	18%	15.9
TOTAL PROPERTY		652	807	1,162	913	897	38%	-2%	59.6
Offensive Weapons		15	15	19	17	18	20%	6%	0.8
Disturbing the peace		37	88	80	84	70	89%	-17%	6.2
Fail to Comply & Breaches		90	98	184	176	73	-19%	-59%	4.4
OTHER CRIMINAL CODE		28	35	47	45	32	14%	-29%	1.8
TOTAL OTHER CRIMINAL CODE		170	236	330	322	193	14%	-40%	13.2
TOTAL CRIMINAL CODE		970	1,225	1,717	1,412	1,281	32%	-9%	80.9



Drayton Valley Municipal Detachment

Crime Statistics (Actual)

January to November: 2016 - 2020

All categories contain "Attempted" and/or "Completed"

December-04-20

CATEGORY	Trend	2016	2017	2018	2019	2020	% Change 2016 - 2020	% Change 2019 - 2020	Avg File +/- per Year
Drug Enforcement - Production		0	1	1	0	0	N/A	N/A	-0.1
Drug Enforcement - Possession		29	41	62	35	35	21%	0%	0.6
Drug Enforcement - Trafficking		12	14	18	12	14	17%	17%	0.2
Drug Enforcement - Other		4	0	0	3	0	-100%	-100%	-0.5
Total Drugs		45	56	81	50	49	9%	-2%	0.2
Cannabis Enforcement		0	0	0	1	1	N/A	0%	0.3
Federal - General		7	16	29	23	5	-29%	-78%	0.3
TOTAL FEDERAL		52	72	110	74	55	6%	-26%	0.8
Liquor Act		14	12	17	17	16	14%	-6%	0.9
Cannabis Act		0	0	4	3	5	N/A	67%	1.3
Mental Health Act		65	68	105	92	122	88%	33%	13.8
Other Provincial Stats		137	118	155	166	230	68%	39%	23.4
Total Provincial Stats		216	198	281	278	373	73%	34%	39.4
Municipal By-laws Traffic		4	5	2	3	3	-25%	0%	-0.4
Municipal By-laws		88	93	96	76	87	-1%	14%	-1.9
Total Municipal		92	98	98	79	90	-2%	14%	-2.3
Fatals		0	1	1	0	1	N/A	N/A	0.1
Injury MVC		13	6	11	7	1	-92%	-86%	-2.3
Property Damage MVC (Reportable)		181	193	164	172	107	-41%	-38%	-16.9
Property Damage MVC (Non Reportable)		26	20	22	20	22	-15%	10%	-0.8
TOTAL MVC		220	220	198	199	131	-40%	-34%	-19.9
Provincial Traffic		433	331	684	717	628	45%	-12%	77.6
Other Traffic		16	13	10	18	12	-25%	-33%	-0.3
Criminal Code Traffic		67	58	82	92	76	13%	-17%	5.2
Common Police Activities									
False Alarms		249	225	191	74	71	-71%	-4%	-50.7
False/Abandoned 911 Call and 911 Act		98	101	114	111	91	-7%	-18%	-0.4
Suspicious Person/Vehicle/Property		65	102	157	195	207	218%	6%	37.7
Persons Reported Missing		31	28	26	28	26	-16%	-7%	-1.0
Search Warrants		1	2	0	0	0	-100%	N/A	-0.4
Spousal Abuse - Survey Code (Reported)		165	160	144	185	171	4%	-8%	3.7
Form 10 (MHA) (Reported)		0	0	0	4	8	N/A	100%	2.0



Drayton Valley Municipal Detachment
Crime Statistics (Actual)
November: 2016 - 2020

All categories contain "Attempted" and/or "Completed"

December-04-20

CATEGORY	Trend	2016	2017	2018	2019	2020	% Change 2016 - 2020	% Change 2019 - 2020	Avg File +/- per Year
Homicides & Offences Related to Death		0	0	0	0	0	N/A	N/A	0.0
Robbery		0	0	0	1	1	N/A	0%	0.3
Sexual Assaults		1	1	1	0	0	-100%	N/A	-0.3
Other Sexual Offences		1	0	2	0	1	0%	N/A	0.0
Assault		8	4	4	16	4	-50%	-75%	0.4
Kidnapping/Hostage/Abduction		0	0	0	0	0	N/A	N/A	0.0
Extortion		0	0	0	0	0	N/A	N/A	0.0
Criminal Harassment		2	2	1	2	2	0%	0%	0.0
Uttering Threats		0	5	3	10	0	N/A	-100%	0.5
TOTAL PERSONS		12	12	11	29	8	-33%	-72%	0.9
Break & Enter		6	10	11	5	6	0%	20%	-0.5
Theft of Motor Vehicle		5	8	10	13	1	-80%	-92%	-0.3
Theft Over \$5,000		0	1	1	0	4	N/A	N/A	0.7
Theft Under \$5,000		15	35	60	30	16	7%	-47%	-0.3
Possn Stn Goods		2	4	6	4	1	-50%	-75%	-0.2
Fraud		5	4	9	4	6	20%	50%	0.2
Arson		0	0	0	0	2	N/A	N/A	0.4
Mischief To Property		10	14	28	31	9	-10%	-71%	1.5
TOTAL PROPERTY		43	76	125	87	45	5%	-48%	1.5
Offensive Weapons		5	1	1	2	0	-100%	-100%	-0.9
Disturbing the peace		2	11	8	11	3	50%	-73%	0.2
Fail to Comply & Breaches		9	4	16	17	1	-89%	-94%	-0.3
OTHER CRIMINAL CODE		4	3	3	2	1	-75%	-50%	-0.7
TOTAL OTHER CRIMINAL CODE		20	19	28	32	5	-75%	-84%	-1.7
TOTAL CRIMINAL CODE		75	107	164	148	58	-23%	-61%	0.7



Drayton Valley Municipal Detachment

Crime Statistics (Actual)

November: 2016 - 2020

All categories contain "Attempted" and/or "Completed"

December-04-20

CATEGORY	Trend	2016	2017	2018	2019	2020	% Change 2016 - 2020	% Change 2019 - 2020	Avg File +/- per Year
Drug Enforcement - Production		0	0	0	0	0	N/A	N/A	0.0
Drug Enforcement - Possession		1	4	2	5	0	-100%	-100%	-0.1
Drug Enforcement - Trafficking		2	1	0	0	2	0%	N/A	-0.1
Drug Enforcement - Other		0	0	0	1	0	N/A	-100%	0.1
Total Drugs		3	5	2	6	2	-33%	-67%	-0.1
Cannabis Enforcement		0	0	0	0	0	N/A	N/A	0.0
Federal - General		0	0	2	0	0	N/A	N/A	0.0
TOTAL FEDERAL		3	5	4	6	2	-33%	-67%	-0.1
Liquor Act		2	0	0	1	0	-100%	-100%	-0.3
Cannabis Act		0	0	4	0	0	N/A	N/A	0.0
Mental Health Act		5	8	8	7	7	40%	0%	0.3
Other Provincial Stats		7	5	15	16	17	143%	6%	3.1
Total Provincial Stats		14	13	27	24	24	71%	0%	3.1
Municipal By-laws Traffic		0	0	0	0	0	N/A	N/A	0.0
Municipal By-laws		4	6	5	6	2	-50%	-67%	-0.4
Total Municipal		4	6	5	6	2	-50%	-67%	-0.4
Fatals		0	0	1	0	0	N/A	N/A	0.0
Injury MVC		1	0	0	2	1	0%	-50%	0.2
Property Damage MVC (Reportable)		13	32	19	27	8	-38%	-70%	-1.5
Property Damage MVC (Non Reportable)		2	0	4	4	3	50%	-25%	0.6
TOTAL MVC		16	32	24	33	12	-25%	-64%	-0.7
Provincial Traffic		40	35	65	61	43	8%	-30%	3.2
Other Traffic		2	2	2	3	1	-50%	-67%	-0.1
Criminal Code Traffic		8	4	8	16	6	-25%	-63%	0.8
Common Police Activities									
False Alarms		29	26	5	6	2	-93%	-67%	-7.4
False/Abandoned 911 Call and 911 Act		10	11	11	11	6	-40%	-45%	-0.8
Suspicious Person/Vehicle/Property		3	15	10	17	24	700%	41%	4.4
Persons Reported Missing		4	1	3	3	2	-50%	-33%	-0.2
Search Warrants		0	0	0	0	0	N/A	N/A	0.0
Spousal Abuse - Survey Code (Reported)		9	7	9	22	6	-33%	-73%	0.9
Form 10 (MHA) (Reported)		0	0	0	1	0	N/A	-100%	0.1

RCMP-GRC

Drayton Valley Municipal Detachment

ROYAL CANADIAN MOUNTED POLICE • GENDARMERIE ROYALE DU CANADA



Crime Statistics (Actual)

January to November: 2016 - 2020

All categories contain "Attempted" and/or "Completed"

December-04-20

Category	Trend	2016	2017	2018	2019	2020	FLAG
Theft Motor Vehicle (Total)		64	80	114	122	97	Within Norm
Auto		6	4	14	4	8	Within Norm
Truck		40	58	68	92	64	Within Norm
SUV		3	3	5	8	7	Within Norm
Van		4	1	2	0	0	Within Norm
Motorcycle		0	0	7	2	1	Within Norm
Other		10	13	14	13	15	Issue
Take Auto without Consent		1	1	4	3	2	Within Norm
Break and Enter (Total)*		88	96	161	106	118	Within Norm
Business		50	41	69	38	35	Within Norm
Residence		26	34	49	22	23	Within Norm
Cottage or Seasonal Residence		0	0	0	0	0	Within Norm
Other		6	18	31	33	51	Issue
Theft Over & Under \$5,000 (Total)		259	322	504	329	296	Within Norm
Theft from a motor vehicle		94	128	249	128	124	Within Norm
Shoplifting		35	55	60	57	32	Within Norm
Mail Theft (includes all Mail offences)		0	5	10	4	10	Issue
Theft of bicycle		11	14	14	19	11	Within Norm
Other Theft		119	120	173	121	120	Within Norm

Mischief To Property		166	201	212	206	243	Issue
Suspicious Person/ Vehicle/ Property		65	102	157	195	207	Issue
Fail to Comply/Breach		90	98	184	176	73	Within Norm
Wellbeing Check		27	39	61	58	77	Issue
Mental Health Act		65	68	105	92	122	Issue
False Alarms		249	225	191	74	71	Within Norm

Traffic	Trend	2016	2017	2018	2019	2020	FLAG
Roadside Suspensions - alcohol related - No grounds to charge*		6	1	2	6	4	Within Norm
Occupant Restraint/Seatbelt Violations*		0	12	93	103	34	Within Norm
Speeding Violations*		121	25	25	11	39	Within Norm
Intersection Related Violations*		13	20	25	23	59	Issue
Other Non-Moving Violation*		57	53	276	243	219	Within Norm
Pursuits**		2	2	3	9	19	Issue
Other CC Traffic**		13	13	3	15	15	Within Norm

Actual" *Reported"

Categories flagged with "Issue" only indicate that the current number of offences are higher the statistical norm based on previous years.

Drayton Valley Municipal Detachment - Break and Enters (includes unlawfully in a dwelling place)

All categories contain "Attempted" and/or "Completed" December-04-20

2019												
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Actuals	7	5	4	6	8	13	15	22	11	10	5	13
Running Total	7	12	16	22	30	43	58	80	91	101	106	119
Quarter	16			27			48			28		
2020												
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Actuals	4	21	10	14	10	8	14	19	3	9	6	
Running Total	4	25	35	49	59	67	81	100	103	112	118	
Quarter	35			32			36			TBD		
Year over Year % Change	-43%	108%	119%	123%	97%	56%	40%	25%	13%	11%	11%	

Drayton Valley Municipal Detachment - Theft of Motor Vehicles (includes taking without consent)

All categories contain "Attempted" and/or "Completed" December-04-20

2019												
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Actuals	8	14	8	4	17	12	9	6	14	17	13	10
Running Total	8	22	30	34	51	63	72	78	92	109	122	132
Quarter	30			33			29			40		
2020												
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Actuals	16	17	15	6	15	7	7	4	6	3	1	
Running Total	16	33	48	54	69	76	83	87	93	96	97	
Quarter	48			28			17			TBD		
Year over Year % Change	100%	50%	60%	59%	35%	21%	15%	12%	1%	-12%	-20%	



Drayton Valley Municipal Detachment - Theft Under \$5,000

All categories contain "Attempted" and/or "Completed"

December-04-20

2019												
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Actuals	37	25	27	27	42	19	28	22	29	35	30	36
Running Total	37	62	89	116	158	177	205	227	256	291	321	357
Quarter	89			88			79			101		
2020												
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Actuals	34	46	30	24	27	21	22	27	14	21	16	
Running Total	34	80	110	134	161	182	204	231	245	266	282	
Quarter	110			72			63			TBD		
Year over Year % Change	-8%	29%	24%	16%	2%	3%	0%	2%	-4%	-9%	-12%	

Drayton Valley Municipal Detachment - Theft from Motor Vehicles

All categories contain "Attempted" and/or "Completed"

December-04-20

2019												
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Actuals	21	7	12	11	13	11	6	11	8	15	13	21
Running Total	21	28	40	51	64	75	81	92	100	115	128	149
Quarter	40			35			25			49		
2020												
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Actuals	21	26	8	13	13	9	9	6	4	7	8	
Running Total	21	47	55	68	81	90	99	105	109	116	124	
Quarter	55			35			19			TBD		
Year over Year % Change	0%	68%	38%	33%	27%	20%	22%	14%	9%	1%	-3%	