

**AGENDA FOR THE REGULAR MEETING OF  
THE COUNCIL OF THE TOWN OF ONOWAY  
HELD ON THURSDAY, SEPTEMBER 17, 2020 IN THE GYMNASIUM ROOM OF THE  
ONOWAY HERITAGE CENTRE AT 9:30 A.M.**

**1. CALL TO ORDER**

**2. ADOPTION OF AGENDA**

- as is, or with additions or deletions

Pg 1-5 **3. ADOPTION OF MINUTES** – September 3, 2020 Regular Council Meeting

**4. APPOINTMENTS/PUBLIC HEARINGS**

9:35 a.m. – Trista Court, General Manager, Community and Protective Services, Lac Ste. Anne County and Community Peace Officer (CPO) Dallas Choma  
- discussion of CPO duties/coverage/fines

10:00 a.m. - Municipal Development Plan Public Hearing – Open House

Pg 6-7 **5. FINANCIAL REPORTS** – Revenue and Expense Report dated August 31, 2020

**6. POLICIES & BYLAWS**

- a) Bylaw 776-20, a bylaw providing for the adoption of a new Municipal Development Plan (MDP) for the Town of Onoway. Brian Conger, ISL, will be in attendance by teleconference at the Public Hearing. Administration requests consideration of second and third readings. *(give 2<sup>nd</sup> and 3<sup>rd</sup> reading as is or as amended, or some other direction as given by Council at meeting time)*

Pg 8-33

## 7. ACTION ITEMS

a) Coronavirus Preparation/Update – Standing item – Verbal update at meeting time.  
*(for discussion and direction of Council at meeting time)*

Pg 34-60  
b) North Saskatchewan Watershed Alliance (NSWA) – please refer to the September 1, 2020 letter from Mr. Ken Crutchfield, President requesting a \$0.50/capita contribution to NSWA for 2020 which totals \$514.50. This amount is in our current budget for 2020 and included in our 2021 operating budget. *(that the 2021 contribution of \$0.50/capita be approved, or some other direction as given by Council at meeting time)*

Pg 61-70  
c) Security System for Town Office, Lift Station and Water Plant – please refer to the attached August 31, 2020 estimates provided for security cameras for the 3 Town sites previously listed. The quotes total \$8,544.90. *(recommend to proceed with installation of security cameras at the Town Office, Lift Station and Water Plant at a cost of \$8,544.90 with the funds coming from reserve account to cover this expense)*

Pg 71-72  
d) ATCO Gas and Pipelines Ltd. Franchise Agreement Clause 5 – please refer to the attached August 25, 2020 letter from Paul Delano of ATCO advising of the Town's ability to change the franchise fee percentage for the 2021 year. Based on consumption history, if the Town leaves the franchise fee the same (7.50%), it is anticipated to generate \$28,792.00 in revenue, which is an increase of \$5,700.00 from what we budgeted in 2020 (\$23,000.00). As discussed at your meeting of September 3, 2020, this item was deferred, pending receipt of the attached listing of the franchise fees paid by other municipalities for reference. *(leave franchise fee as is, with 2021 estimate of \$28,792.00, or consider an increase or decrease to the fee for 2021)*

e)

f)

g)

**8. COUNCIL, COMMITTEE & STAFF REPORTS**

- a) Mayor's Report
- b) Deputy Mayor's Report
- c) Councillor's Reports (x 3)
- d) CAO Report
  - business licenses
- e) Public Works Report

**9. INFORMATION ITEMS**

Pg 73-86 a) Lac Ste. Anne County – 10SUB2020 - Proposed Subdivision of SW 02-55-02 W5M  
-Subdivision referral resulting in 2 parcels

- b)
- c)
- d)

**10. CLOSED SESSION – n/a**

**11. ADJOURNMENT**

**12. UPCOMING EVENTS:**

- |   |           |
|---|-----------|
| - September 23-25, 2020 – AUMA Convention     | Virtual   |
| - October 1, 2020 – Regular Council Meeting   | 9:30 a.m. |
| - October 15, 2020 – Regular Council Meeting  | 9:30 a.m. |
| - November 5, 2020 – Regular Council Meeting  | 9:30 a.m. |
| - November 19, 2020 – Regular Council Meeting | 9:30 a.m. |
| - December 3, 2020 – Regular Council Meeting  | 9:30 a.m. |
| - December 17, 2020 – Regular Council Meeting | 9:30 a.m. |

TOWN OF ONOWAY  
REGULAR COUNCIL MEETING MINUTES  
THURSDAY, SEPTEMBER 3, 2020  
COUNCIL CHAMBERS OF THE ONOWAY CIVIC OFFICE

	<b>PRESENT</b>	Mayor: Judy Tracy Deputy Mayor: Lynne Tonita (arrived at 9:40 a.m.) Councillor: Lisa Johnson (by telephone) Councillor: Jeff Mickle Councillor: Pat St. Hilaire Administration: Wendy Wildman, Chief Administrative Officer Jason Madge, Assistant Chief Administrative Officer/Public Works Manager Debbie Giroux, Recording Secretary
1.	<b>CALL TO ORDER</b>	Mayor Judy Tracy called the meeting to order at 9:33 a.m.
2.	<b>AGENDA Motion #255/20</b>	<b>MOVED</b> by Councillor Pat St. Hilaire that Council adopt the agenda of the regular Council meeting of Thursday, September 3, 2020 with the following addition:  11. Closed Session - Pursuant to Section 197(2) of the Municipal Government Act and Section 17 of the Freedom of Information and Protection of Privacy Act (FOIP) - Disclosure Harmful to Personal Privacy  <p style="text-align: right;"><b>CARRIED</b></p>
3.	<b>MINUTES Motion #256/20</b>	<b>MOVED</b> by Councillor Jeff Mickle that the minutes of the Thursday, August 20, 2020 regular Council meeting be adopted, with the following correction: Motion #244 should read:  <b>"MOVED</b> by Councillor Pat St. Hilaire that Council ratify the attendance of Mayor Judy Tracy (delete: "and Deputy Mayor Lynne Tonita") at the August 12 Onoway Regional Medical Clinic Meeting".  <p style="text-align: right;"><b>CARRIED</b></p>
4.	<b>APPOINTMENTS/PUBLIC HEARINGS</b>	n/a
5.	<b>FINANCIAL REPORTS</b>	n/a
6.	<b>POLICIES &amp; BYLAWS</b>	n/a
7.	<b>ACTION ITEMS Motion #257/20</b>	<b>MOVED</b> by Councillor Pat St. Hilaire that the Administration office re-open to the public on Wednesday, September 9, 2020 with the following specific guidelines:

TOWN OF ONOWAY  
REGULAR COUNCIL MEETING MINUTES  
THURSDAY, SEPTEMBER 3, 2020  
COUNCIL CHAMBERS OF THE ONOWAY CIVIC OFFICE

**DRAFT**

	<ul style="list-style-type: none"><li>- Public must wear a mask when in the office</li><li>- Only one member of the public in the office at a time</li><li>- Public must sanitize your hands upon entry</li><li>- Please keep your stop to the business at hand, and vacate once completed</li><li>- Please do not come to the office if you are not feeling well (have a cold, runny nose, cough, etc.)</li></ul> <p style="text-align: right;"><b>CARRIED</b></p>
<b>Motion #259/20</b>	<p><b>MOVED</b> by Councillor Pat St. Hilaire that Council accept the discussion and updates on Covid-19 preparation for information, and that the Town continue to share information with Council and residents as necessary.</p> <p style="text-align: right;"><b>CARRIED</b></p> <p>Deputy Mayor Lynne Tonita arrived at the meeting at 9:40 a.m.</p>
<b>Motion #260/20</b>	<p><b>MOVED</b> by Councillor Pat St. Hilaire that the discussion regarding tendering of contracts for the Town of Onoway be accepted for information.</p> <p style="text-align: right;"><b>CARRIED</b></p>
<b>Motion #261/20</b>	<p><b>MOVED</b> by Councillor Pat St. Hilaire that, as the current lease agreement between the Onoway Facility Enhancement Association and the Town of Onoway expires at the end of 2020, Council and Administration schedule an appointment with the Onoway Facility Enhancement Association board members to attend an October Council meeting to discuss: current and long-term vision for the hall (3 to 5 years); a list of improvements/renovations the Board recommends are required; report on hall utilization (2019/20); current agreement (and proposed revisions to be considered with a new agreement); listing of all board members and the most recent financial report.</p> <p style="text-align: right;"><b>CARRIED</b></p>
<b>Motion #262/20</b>	<p><b>MOVED</b> by Councillor Pat St. Hilaire that Town Administration obtain quotes for the problems identified during the August 26 walk-through and discuss with the Board members when they meet with Council in October.</p> <p style="text-align: right;"><b>CARRIED</b></p>
<b>Motion #263/20</b>	<p><b>MOVED</b> by Councillor Jeff Mickle that Deputy Mayor Lynne Tonita and Councillor Pat St. Hilaire be authorized to attend "Make the Connection" Night, on Wednesday, September 9, 2020.</p> <p style="text-align: right;"><b>CARRIED</b></p>

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TOWN OF ONOWAY  
REGULAR COUNCIL MEETING MINUTES  
THURSDAY, SEPTEMBER 3, 2020  
COUNCIL CHAMBERS OF THE ONOWAY CIVIC OFFICE

**DRAFT**

	<p><b>Motion #264/20</b></p>	<p><b>MOVED</b> by Councillor Jeff Mickle that the Town accept two Lac Ste. Anne County Adjacent Landowner Referral letters for information: 1) August 26 - Hillview Estates for a home-based development permit for Hillview Lodge for hospitality accommodation for public rent and leisure activities; 2) August 20 - Golden Glen Estates for a major home-based development permit for the purchase and resale of used vehicles.</p> <p style="text-align: right;"><b>CARRIED</b></p>
	<p><b>Motion #265/20</b></p>	<p><b>MOVED</b> by Councillor Lisa Johnson that the request from ATCO Gas and Pipelines Ltd. to review the franchise agreement with the Town of Onoway be deferred to a future Council meeting so that Administration can gather information on the franchise fees paid by other municipalities.</p> <p style="text-align: right;"><b>CARRIED</b></p>
	<p><b>Motion #266/20</b></p>	<p><b>MOVED</b> by Deputy Mayor Lynne Tonita that Administration arrange a meeting between Council and the Darwell Lagoon Commission as per the request from the Commission and that all of Council be authorized to attend the meeting.</p> <p style="text-align: right;"><b>CARRIED</b></p>
		<p>Council recessed from 10:55 a.m. to 11:00 a.m.</p>
8.	<p><b>COUNCIL, COMMITTEE &amp; STAFF REPORTS</b>  <b>Motion #267/20</b></p>	<p><b>MOVED</b> by Councillor Lisa Johnson that the verbal Council reports and the written and verbal reports from the Chief Administrative Officer and Public Works Manager be accepted for information as presented.</p> <p style="text-align: right;"><b>CARRIED</b></p>
		<p>Councillor Jeff Mickle left the meeting at 11:30 a.m.</p>
9.	<p><b>INFORMATION ITEMS</b>  <b>Motion #268/20</b></p>	<p><b>MOVED</b> by Councillor Lisa Johnson that Council accept the following items for information as presented:</p> <ul style="list-style-type: none"> <li>a) Onoway Public Library – August 28, 2020 news release advising that 1,500 masks have been provided to the Library from the Government of Alberta for distribution to the public as part of the Masks for Albertans Program</li> <li>b) Alberta Counsel – August 27, 2020 analysis of the 2020 Provincial Fiscal Update</li> <li>c) Darwell and District Agricultural Society – Correspondence received August 27, 2020 advising that the Society cancelled all events in 2020</li> </ul>

TOWN OF ONOWAY  
REGULAR COUNCIL MEETING MINUTES  
THURSDAY, SEPTEMBER 3, 2020  
COUNCIL CHAMBERS OF THE ONOWAY CIVIC OFFICE

		<p>d) Infrastructure Canada Federal Grants in the Riding of Yellowhead – August 26, 2020 email from MP Gerald Soroka providing a list of grants including \$4,720,000.00 towards Phase B of the Darwell Wastewater Transition Line</p> <p style="text-align: right;"><b>CARRIED</b></p> <p>Councillor Lisa Johnson left the meeting at 11:45 a.m.</p>															
<b>DRAFT</b>	<p><b>10. CLOSED SESSION</b>  <b>Motion #269/20</b></p>	<p><b>MOVED</b> by Deputy Mayor Lynne Tonita that, pursuant to Section 197(2) of the Municipal Government Act and Section 17 of the Freedom of Information and Protection of Privacy Act (FOIP), Council move into a Closed Session at 11:45 a.m. to discuss the following item:</p> <p style="padding-left: 40px;">1. "Disclosure Harmful to Personal Privacy"</p> <p style="text-align: right;"><b>CARRIED</b></p> <p>Council recessed from 11:45 a.m. to 11:50 a.m.</p> <p><b>CLOSED SESSION:</b></p> <p>The following individuals were present for the Closed Session:          Mayor Judy Tracy          Deputy Mayor Lynne Tonita          Councillor Pat St. Hilaire          Chief Administrative Officer Wendy Wildman          Assistant Chief Administrative Officer/Public Works Manager Jason Madge          Recording Secretary Debbie Giroux</p>															
	<p style="text-align: right;"><b>Motion #270/20</b></p>	<p><b>MOVED</b> by Deputy Mayor Lynne Tonita that Council move out of Closed Session at 12:00 p.m.</p> <p style="text-align: right;"><b>CARRIED</b></p> <p>Council recessed from 12:00 p.m. to 12:05 p.m.          The meeting reconvened at 12:05 p.m.</p>															
<b>11.</b>	<b>ADJOURNMENT</b>	As all matters on the agenda have been addressed, Mayor Judy Tracy declared the meeting adjourned at 12:05 p.m.															
<b>12.</b>	<b>UPCOMING EVENTS</b>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">September 17, 2020</td> <td style="width: 33%;">Regular Council Meeting</td> <td style="width: 33%;">9:30 a.m.</td> </tr> <tr> <td>September 17, 2020</td> <td>MDP Public Hearing</td> <td>10:00 a.m.</td> </tr> <tr> <td>September 23-25, 2020</td> <td>AUMA Convention</td> <td>Virtual</td> </tr> <tr> <td>October 1, 2020</td> <td>Regular Council Meeting</td> <td>9:30 a.m.</td> </tr> <tr> <td>October 15, 2020</td> <td>Regular Council Meeting</td> <td>9:30 a.m.</td> </tr> </table>	September 17, 2020	Regular Council Meeting	9:30 a.m.	September 17, 2020	MDP Public Hearing	10:00 a.m.	September 23-25, 2020	AUMA Convention	Virtual	October 1, 2020	Regular Council Meeting	9:30 a.m.	October 15, 2020	Regular Council Meeting	9:30 a.m.
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TOWN OF ONOWAY  
REGULAR COUNCIL MEETING MINUTES  
THURSDAY, SEPTEMBER 3, 2020  
COUNCIL CHAMBERS OF THE ONOWAY CIVIC OFFICE

		November 5, 2020	Regular Council Meeting	9:30 a.m.
		November 19, 2020	Regular Council Meeting	9:30 a.m.

\_\_\_\_\_  
Mayor Judy Tracy

\_\_\_\_\_  
Debbie Giroux  
Recording Secretary

DRAFT





# TOWN OF ONOWAY

## Revenue & Expense

Page 1 of 3  
2020-Aug-31  
10:16:51 AM

Description	2020 Actual	2020 Budget
TOTAL TAXATION REVENUE	(1,585,022.07)	(1,585,879.21)
TOTAL REQUISITIONS	157,836.05	343,102.21
TAX REVENUE AVAILABLE FOR MUNI	(1,427,186.02)	(1,242,777.00)
TOTAL GENERAL REVENUE	(77,180.38)	(104,700.00)
TOTAL LEGISLATIVE EXPENSE	71,034.22	118,931.00
SURPLUS/DEFICIT LEGISLATIVE	71,034.22	118,931.00
TOTAL ADMIN REVENUE	(53,480.60)	(189,059.00)
TOTAL ADMIN EXPENSE	503,041.28	715,040.00
SURPLUS/DEFICIT ADMIN	449,560.68	525,981.00
TOTAL FIRE REVENUE	(226,891.76)	(344,887.00)
TOTAL FIRE EXPENSE	213,064.94	370,119.00
FIRE SURPLUS/DEFICIT	(13,826.82)	25,232.00
TOTAL DISASTER SERVICES REV.	0.00	0.00
TOTAL DISASTER SERVICES EXPENS	17,906.57	28,600.00
DISASTER SURPLUS/DEFICIT	17,906.57	28,600.00
TOTAL AMBULANCE REVENUE	(2,400.00)	(2,400.00)
TOTAL AMBULANCE EXPENSE	0.00	0.00
SURPLUS/DEFICIT AMBULANCE	(2,400.00)	(2,400.00)
TOTAL BYLAW REVENUE	(150.00)	(2,500.00)
TOTAL BYLAW EXPENSE	0.00	1,000.00
BYLAW SURPLUS/DEFICIT	(150.00)	(1,500.00)
TOTAL POLICING REVENUE	(84,085.00)	(176,000.00)
TOTAL POLICIING EXPENSE	109,150.00	211,450.00
POLICING SURPLUS/DEFICIT	25,065.00	35,450.00
TOTAL PW REVENUE	0.00	0.00
TOTAL PW EXPENSE	175,421.71	189,599.00
PW SURPLUS/DEFICIT	175,421.71	189,599.00
TOTAL ROADS REVENUE	(14,682.42)	(115,776.00)
TOTAL ROAD EXPENSE	182,973.75	434,351.00
ROADS SURPLUS/DEFICIT	168,291.33	318,575.00
TOTAL STORM SEWER REVENUE	0.00	0.00
TOTAL STORM SEWER EXPENSE	3,654.30	0.00
STORM SEWER SURPLUS/DEFICIT	3,654.30	0.00

6

TOTAL WATER REVENUE	(371,800.19)	(566,500.00)
TOTAL WATER EXPENSE	312,695.85	517,803.00
<b>WATER SURPLUS/DEFICIT</b>	<b>(59,104.34)</b>	<b>(48,697.00)</b>
TOTAL SEWER REVENUE	(169,108.67)	(219,966.00)
TOTAL SEWER EXPENSE	132,918.23	197,002.00
<b>SEWER SURPLUS/DEFICIT</b>	<b>(36,190.44)</b>	<b>(22,964.00)</b>
TOTAL WASTE COLLECTION REV	(83,615.64)	(129,500.00)
TOTAL WASTE COLLECT EXP	61,259.36	113,124.00
<b>WASTE COLLECT SURPLUS/DEF</b>	<b>(22,356.28)</b>	<b>(16,376.00)</b>
TOTAL FCSS REVENUE	(103,231.00)	(114,312.00)
TOTAL FCSS EXPENSE	52,842.92	103,798.00
<b>FCSS SURPLUS/DEFICIT</b>	<b>(50,388.08)</b>	<b>(10,514.00)</b>
TOTAL PLAN REVENUE	(2,467.99)	(3,500.00)
TOTAL PLANNING EXPENSE	8,127.62	18,500.00
<b>PLANNING SURPLUS/DEFICIT</b>	<b>5,659.63</b>	<b>15,000.00</b>
TOTAL LAND REVENUE	0.00	0.00
TOTAL LAND EXPENSE	16,230.04	20,000.00
<b>LAND SURPLUS/DEFICIT</b>	<b>16,230.04</b>	<b>20,000.00</b>
TOTAL EDC REVENUE	(2,725.00)	(102,500.00)
TOTAL EDC EXPENSE	115,695.10	100,821.00
<b>EDC SURPLUS/DEFICIT</b>	<b>112,970.10</b>	<b>(1,679.00)</b>
TOTAL REC PROGRAM REVENUE	0.00	0.00
TOTAL REC PROGRAM EXPENSE	0.00	12,212.00
<b>REC PROGRAM SURPLUS/DEFICIT</b>	<b>0.00</b>	<b>12,212.00</b>
TOTAL PARKS REVENUE	(2,165.70)	(5,000.00)
TOTAL PARKS EXPENSE	101,340.31	135,676.00
<b>PARKS SURPLUS/DEFICIT</b>	<b>99,174.61</b>	<b>130,676.00</b>
TOTAL CULTURE EXPENSE	15,597.65	18,925.00
<b>CULTURE SURPLUS/DEFICIT</b>	<b>15,597.65</b>	<b>18,925.00</b>
TOTAL MISC EXPENSE	3,273.75	12,426.00
<b>MISC SURPLUS/DEFICIT</b>	<b>3,273.75</b>	<b>12,426.00</b>
<b>TOTAL SURPLUS/DEFICIT</b>	<b>(524,942.77)</b>	<b>0.00</b>

\*\*\* End of

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**BEING A BYLAW OF THE TOWN OF ONOWAY TO ADOPT A MUNICIPAL  
DEVELOPMENT PLAN FOR THE MUNICIPALITY**

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**WHEREAS** the Municipal Government Act, as amended from time to time, requires each municipality to adopt a Municipal Development Plan; and

**WHEREAS** Section 632(1) of the Municipal Government Act requires that the Municipal Development Plan be adopted by bylaw and Section 632 (3) of the Municipal Government Act establishes the requirements of what must be contained within the Municipal Development Plan; and

**WHEREAS** the Municipal Development Plan has been advertised by the Town of Onoway in accordance with Section 606 of the Municipal Government Act, and the required Public Hearing has been held in accordance with Section 230 of the Municipal Government Act;

**NOW THEREFORE** Council for the Town of Onoway, duly assembled, enacts the following:

**1. TITLE**

1.1 THAT this bylaw may be cited as the "Municipal Development Plan Bylaw."

**2. ADOPTION**

2.1 THAT this bylaw, including the Town of Onoway Municipal Development Plan that is hereto attached and forms part of this bylaw, is adopted.

**3. SEVERABILITY**

3.1 THAT each provision of this Bylaw is independent of all other provisions. If any provision of the Bylaw is declared invalid for any reason by a court of competent jurisdiction, all other provisions of this Bylaw shall remain valid and enforceable

**4. COMING INTO FORCE**

4.1 THAT Bylaw shall come into effect upon the third and final reading and signing of this Bylaw.

**5. REPEALS**

5.1 THAT Bylaw 686-09, being a previous version of a Municipal Development Plan for the Town of Onoway, duly enacted, is hereby repealed.

Municipal Government Act RSA 2000 Chapter M-26  
Part 17, Section 632

READ A FIRST TIME this 6th day of August, A.D., 2020.

  
\_\_\_\_\_  
Mayor Judy Tracy

  
\_\_\_\_\_  
Chief Administrative Officer, Wendy Wildman

READ A SECOND TIME this \_\_\_\_ day of \_\_\_\_\_, A.D., 2020.

READ A THIRD TIME this \_\_\_\_ day of \_\_\_\_\_, A.D., 2020.

\_\_\_\_\_  
Mayor Judy Tracy

\_\_\_\_\_  
Chief Administrative Officer, Wendy Wildman

Town of Onoway

# Municipal Development Plan



FINAL DRAFT  
FOR COUNCIL  
CONSIDERATION  
April 2020



Engineering  
and Land Services

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*This Section introduces the community, economy and demographics which underpin policies within the MDP.*

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*This Section introduces the purpose, scope and interpretation of the MDP.*

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*This Section outlines the vision and objectives of the MDP and the engagement that formed them.*

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# SECTION ONE

## Welcome

# 1

*This Section introduces the community, economy and demographics which underpin policies within the MDP.*

### 1-1 OUR COMMUNITY

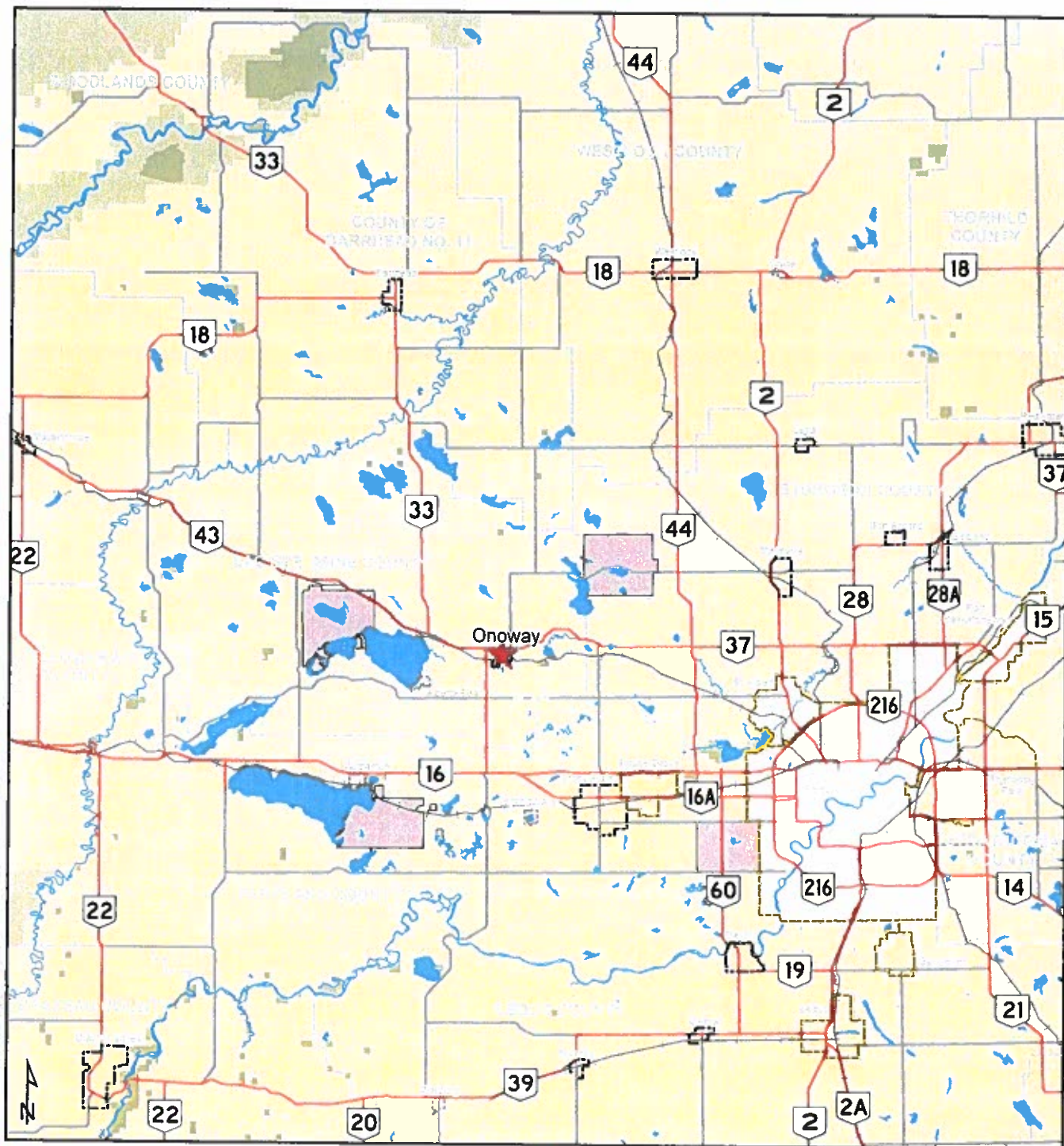
Situated in the scenic Sturgeon River valley, the Town of Onoway offers a small-town country lifestyle combined with a level of local services normally available only in larger communities along with easy access to major urban centers.

Onoway became a village in 1923, with a population of 100 people living in 25 occupied dwellings. Onoway's development potential was further enhanced in 1956 when Northwestern Utilities installed a natural gas system, and again in 1962 when community water and sewage systems replaced the private wells and septic fields. The Village continued to be a service and economic centre for the surrounding population and communities. As a result, its growth tended to reflect the good and hard economic times of the province of Alberta. On September 1, 2005, Onoway became a Town.

Onoway is located just 40 minutes west of Edmonton at the junction of Highways 37 and 43 allowing residents easy access to the greater Edmonton Metropolitan Region, as shown on Figure 1. This characteristic allows people to live in Onoway and enjoy the country lifestyle while working elsewhere. Together, Onoway's rail and road systems ensure its viability, and the Town remains an important service centre for the wider community.







**ISL** Engineering  
and Land Services

- Highway, 1-216 Series
- Highway, 500-986 Series
- Railway
- Lake/Major River
- Provincial Protected Area
- Provincial Green Area
- ★ Oway
- City
- Urban Service Area
- Town
- Village
- Indian Reserve
- Rural Municipality

**ONWAY  
MUNICIPAL  
DEVELOPMENT  
PLAN**



**FIGURE 1:  
CONTEXT MAP**

*to be revised*

**1-2 LOCAL ECONOMY**

Onoway's economy is rooted in agriculture with a large industrial base for the size of the community that includes agricultural and oilfield services, manufacturing and fabricating, construction and environmental management.

Onoway's location at the junction of Highways 37 and 43 led to the Town identifying itself as "Hub of the Highways." Highway 43 runs through northwest Alberta and is part of the international CANAMEX Trade Corridor that stretches from Fairbanks Alaska south to Mexico City.

Onoway is within the Edmonton Metropolitan Region commuter radius and overall, the greater connectivity of Onoway with Stony Plain, Spruce Grove, St. Albert and Edmonton is a positive characteristic of the Town. Residents have more options for work and recreation, and businesses have a greater potential market.

People who work in the Region are attracted to live in Onoway because of lower housing costs and a more rural lifestyle. Furthermore, the proximity to highways and railway, combined with serviced, comparatively inexpensive industrial land, is appealing for business development and local growth.

Onoway also benefits from a local trading area of more than 16,000 with a large number of country residential subdivisions and summer villages in the area supporting its retail businesses and professional services.



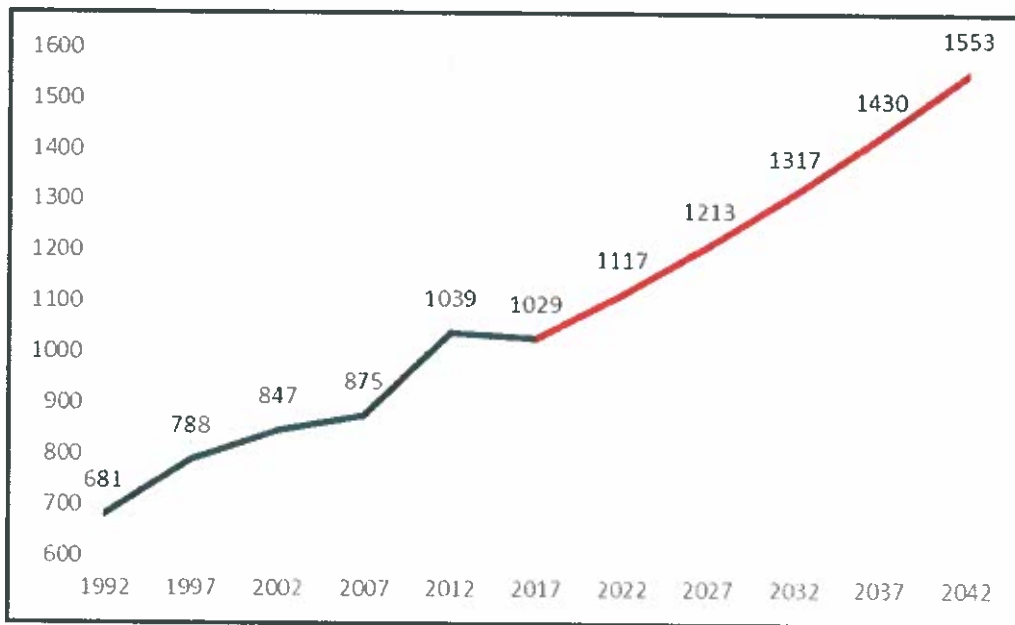
### 1-3 DEMOGRAPHICS

Since its incorporation as a Village in 1923, Onoway has experienced population growth throughout most of its history. It has more than doubled its population since 1976, reaching 1,039 residents in 2012, appearing to level off at 1,029 in 2017, as shown on **Figure 2**.

Using Onoway's Average Annual Growth Rate of 1.66% and projecting it out would result in an increase from 1,029 residents in 2017 to 1,553 residents in 2042.

Policies within this Municipal Development Plan (MDP) have been developed to reflect this potential growth. This pertains to the development polices in the plan, as they relate to residential, commercial and industrial growth and local amenities the infrastructure policies needed to support such growth, and the governance policies that are designed to support Town operations.

**Figure 2 – Population Growth in Onoway**



Source: Alberta Municipal Affairs.



# SECTION TWO

# Planning Framework

# 2

*This Section introduces the purpose, scope and interpretation of the MDP.*

## 2-1 PURPOSE & SCOPE

A MDP is a statutory document required by the Province of Alberta and adopted pursuant to the Municipal Government Act (MGA), they articulate a vision for the future of a municipality, along with goals and policies designed to bring that vision to fruition. MDPs are prepared and adopted in accordance with the requirements of Section 632 of the MGA, which provides the parameters on content:

*632(3) A municipal development plan*

*(a) must address*

- (i) the future land use within the municipality,*
- (ii) the manner of and the proposals for future development in the municipality,*
- (iii) the co-ordination of land use, future growth patterns and other infrastructure with adjacent municipalities if there is no intermunicipal development plan with respect to those matters in those municipalities,*
- (iv) the provision of the required transportation systems either generally or specifically within the municipality and in relation to adjacent municipalities, and*
- (v) the provision of municipal services and facilities either generally or specifically,*

*(b) may address*

- (i) proposals for the financing and programming of municipal infrastructure,*
- (ii) the co-ordination of municipal programs relating to the physical, social and economic development of the municipality,*
- (iii) environmental matters within the municipality,*
- (iv) the financial resources of the municipality,*
- (v) the economic development of the municipality, and*
- (vi) any other matter relating to the physical, social or economic development of the municipality,*

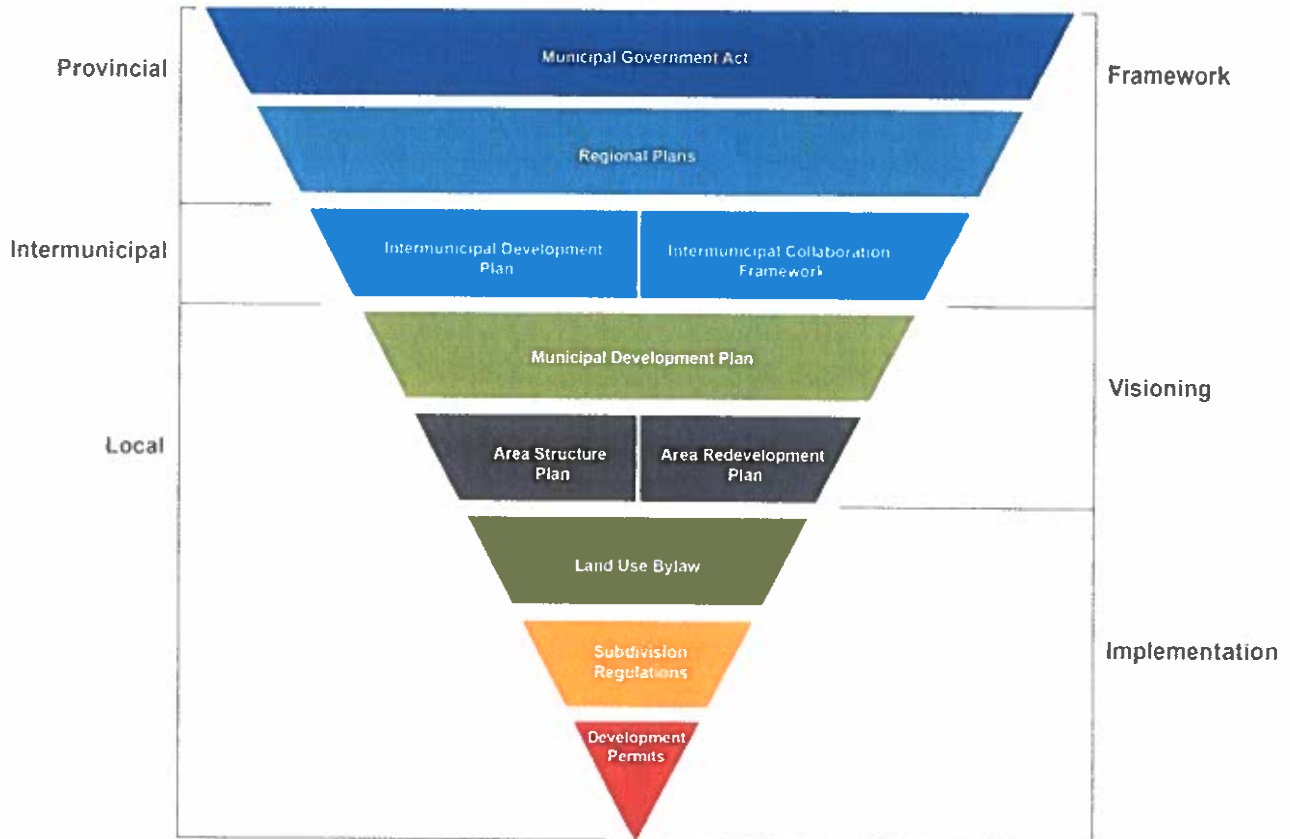


- (c) may contain statements regarding the municipality's development constraints, including the results of any development studies and impact analysis, and goals, objectives, targets, planning policies and corporate strategies,
- (d) must contain policies compatible with the subdivision and development regulations to provide guidance on the type and location of land uses adjacent to sour gas facilities,
- (e) must contain policies respecting the provision of municipal, school or municipal and school reserves, including but not limited to the need for, amount of and allocation of those reserves and the identification of school requirements in consultation with affected school boards,
- (f) must contain policies respecting the protection of agricultural operations, and
- (g) may contain policies respecting the provision of conservation reserve in accordance with section 664.2(1)(a) to (d).

**2-2 LEGISLATIVE FRAMEWORK**

Provincial legislation, namely the MGA, establishes the planning context in which an MDP sits. In this planning hierarchy, plans, bylaws and approvals that are lower must be consistent with plans that are higher, as illustrated below:

**Figure 3 – Planning Hierarchy in Alberta**



**2-3 INTERPRETATION**

Where “shall” is used in a policy, the policy is considered mandatory in order to achieve a desired result. Where “should” is used in a policy, it is anticipated that the policies will be applied in all situations, unless it can be clearly demonstrated to the satisfaction of the Town, that the policy is not reasonable, practical and feasible in a given situation.



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# SECTION THREE

## Local Vision

# 3

*This Section outlines the vision and objectives of the MDP and the engagement that formed them.*

### 3-1 CONSULTATION

The MDP was developed in consultation with stakeholders, the general public, and Council and Administration via meetings, a stakeholder workshop, public open houses and an online survey. MDP consultation milestones included:

**Stakeholder Workshop (May 18, 2017)** with Council and Administration to provide an overview of the project and gather feedback on short-term and long-term growth issues.

**Public Open House (June 6, 2017)** to gather public input on a 20-year vision for Onoway and on the Town's challenges and opportunities in four key areas:

- Built Form/Land Use,
- Environmental Management,
- Infrastructure/Utilities, and
- Intermunicipal Relationships.

**Online survey (May 31, 2017 to July 4, 2017)** to gather further public feedback on a 20-year (2037) vision for the municipality and on the Town's challenges and opportunities for those that were unable to attend the June 6 Open House.

**Public Open House (September 4, 2019)** to gather feedback on draft MDP policies at the local Make the Connections Night at the Heritage Centre Gymnasium.

**Public Hearing (Forthcoming)** to formally present the MDP to the public in front of Council.



### 3-2 VISION

**Onoway is a community where educational opportunities, economic prosperity and an ethic of cooperation and community involvement are pursued within the context of economic and ecological resilience and regional self-sufficiency.**

**Situated in the Lac Ste. Anne region, at the hub of major transportation routes, Onoway strives for balanced business development, environmentally sustainable industry, and ample recreational opportunities, while maintaining our friendly, respectful small town atmosphere.**

**Onoway honours our community's history, supports our youth, and is committed to partnership building.**

### 3-3 OBJECTIVES

The following objectives were developed to help actualize the vision for Onoway's future:

#### Local Development Objectives

1. Onoway maintains a family-oriented atmosphere while pursuing responsible growth.
2. Onoway has a vibrant built environment.
3. Onoway has a wide range of housing options available to residents.
4. Onoway's industrial and commercial development drives the local economy and attracts new investment.
5. Onoway's downtown area is a dynamic retail and service centre.
6. Onoway's recreational, educational and cultural facilities support local and regional needs.

#### Local Infrastructure Objectives

7. Onoway's transportation network is safe and efficient.
8. Onoway's water and wastewater services meet current and future needs.
9. Onoway respects the natural environment.

#### Local Governance Objectives

10. Onoway is committed to meaningful engagement with residents.
11. Onoway's MDP reflects the community as it evolves.
12. Onoway's assets are managed in a financially sustainable and efficient manner.

#### Intermunicipal Objectives

13. Onoway collaborates with Lac Ste. Anne County on issues of mutual benefit.
14. Onoway coordinates recreation and cultural activities with its regional neighbours.



# SECTION FOUR Development Policies

# 4

*This Section outlines local development policies.*

## 4-1 Onoway Maintains a Family-Oriented Atmosphere While Pursuing Responsible Growth

Residents value how Onoway is a small community, where knowing your neighbours, peace and quiet, minimal traffic, rural vistas and a sense of community are important factors. While most people want to see the Town's population, services and industry increase, this should not be at the expense of the family-oriented atmosphere that makes Onoway an enjoyable place to live.

### **Policies**

- 4.1.1 Future development shall conform to the vision and policies of this MDP.
- 4.1.2 A Conceptual Scheme shall be required for all proposed developments resulting in four (4) or more new parcels, the Conceptual Scheme shall include:
  - a) The land uses and estimated population proposed for the development;
  - b) How access to the site will be provided;
  - c) How the lots will be serviced; and
  - d) Interface conditions with adjacent parcels.
- 4.1.3 Any development over 16 hectares in size shall require an Area Structure Plan (ASP) that is prepared in compliance with the MGA.
- 4.1.4 The following studies may be required to support a Conceptual Scheme or ASP:
  - a) A Traffic Impact Assessment (TIA);





- b) A Stormwater Management Plan;
  - c) A Geotechnical Report or Slope Stability Analysis (slopes > 15%);
  - d) A Biophysical Impact Assessment (BIA);
  - e) A Phase 1 Environmental Site Assessment (ESA); and
  - f) A grading plan.
- 4.1.5 New development shall connect to water and sewer lines according to the Town's Engineering Design Standards.
- 4.1.6 Costs associated with required upgrades and servicing shall be the responsibility of the developer.
- 4.1.7 Effective site buffering/screening, shall be implemented where residential land uses are adjacent to commercial and industrial uses.
- 4.1.8 Landowners with contaminated sites shall be engaged in order to determine and implement options for sealing or remediation.
- 4.1.9 Studies that determine the risk, extent, and remediation or containment options of any ground contamination shall be required where it is possible that contamination has spread onto Town property.
- 4.1.10 The maximum Municipal Reserve shall be required for all subdivision per the MGA. These reserves may be in the form of land, cash-in-lieu or a combination thereof.
- 4.1.11 Lands deemed to be environmentally significant shall be protected via an Environmental Reserve or Conservation Reserve dedication or an environmental easement registered at the time of subdivision.

**4-2 Onoway Has a Vibrant Built Environment**

Onoway is situated in a pleasant rural setting that should be respected when considering future development. Aesthetically attractive development will increase the level of pride that residents take in the community and will encourage visitors. The identity and character of the Town should be apparent upon arrival at gateway entrances and along main streets to foster positive first impressions.

**Policies**

- 4.2.1 Onoway and Alberta Transportation should work collaboratively to develop a Highway Gateway Entrance Feature Program to introduce unique elements to streetscapes.
- 4.2.2 Mature trees should be maintained and preserved, wherever possible.
- 4.2.3 Low Impact Development (LID) principles and ecosystem-based adaptation approaches should be encouraged in undeveloped areas and in redevelopment in established areas.



- 4.2.4 Differentiation of public and semi-public spaces from private spaces is encouraged through paving or grading, raised planters or other landscaping features.
- 4.2.5 Areas of concealment resulting from landscaping, such as alcoves, inset entrances and other building features that block visibility should be avoided.
- 4.2.6 Infill development is encouraged on vacant lots.

**4-3 Onoway Has a Wide Range of Housing Options Available to Residents**

Onoway has an abundance of single-detached housing. There is a need to provide affordable and a variety of housing options to meet the needs of all current and future residents. Single-family housing is also not preferred for certain demographics. As affordability and availability of a mix of housing tenures and stock are major factors for people moving to Onoway, the Town should encourage a mix of housing options available for current and future residents.

**Policies**

- 4.3.1 Future Residential Development shall occur where indicated on Figure 4 – Future Development Map.
- 4.3.2 A range of affordable and non-market housing development is encouraged to accommodate a variety of income levels, accessibility and aging-in-place needs.
- 4.3.3 Secondary suites in low-density residential districts are encouraged.
- 4.3.4 Facilities that support aging-in-place are encouraged.
- 4.3.5 Manufactured Home development is supported provided that it conforms to local and provincial regulations.
- 4.3.6 Manufactured Home development shall achieve a character similar to conventional residential development.
- 4.3.7 Home-Based Businesses within residences are supported provided they conform to local and provincial regulations.

**4-4 Onoway’s Industrial and Commercial Development Drives the Local Economy and Attracts New Investment**

Onoway’s success in attracting industry to the Town is in part because of reliable infrastructure and services, an orderly development plan, and efficient management of industrial areas. The commuter population in and out of the Town has grown in recent years. At the same time, the existing industrial and commercial businesses provide important local employment options. Local employment adds value to our economy, provides local employment options for residents, and reduces commuting time, increasing quality of life for residents.



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### **Policies**

- 4.4.1 Future Commercial and Industrial Development shall occur where indicated on Figure 4 – Future Development Map.
- 4.4.2 Onoway shall be promoted as a good place to open and operate a business to help expand the Town's role as a regional hub.
- 4.4.3 Businesses that rely on Highway traffic should be encouraged to locate within the Town boundary adjacent to the Highway.
- 4.4.4 Commercial and industrial development shall be required to demonstrate adequate parking capacity and traffic accessibility.
- 4.4.5 Industrial development shall ensure that significant adverse effects, such as noise and odour, are mitigated through the provision of adequate buffers, landscaping and transition of uses.
- 4.4.6 A sufficient supply of serviced land should be available to accommodate commercial and industrial growth.

### **4-5 Onoway's Downtown Area is a Dynamic Retail and Service Centre**

The more services and facilities offered in Onoway, the easier it is for residents to purchase local goods and services. Diverse commercial activity in the Downtown Area also helps makes Onoway more attractive as a regional service centre for the wider rural community and the 16,000 residents in the local trading area.

### **Policies**

- 4.5.1 The downtown area is Onoway's primary retail and customer service centre.
- 4.5.2 Intensification of the downtown area shall be encouraged through redevelopment that optimizes existing infrastructure and supports the increase of:
  - a) Number of residential units;
  - b) Range of housing forms available;
  - c) Commercial and office land uses; and
  - d) Amenities in the public realm.
- 4.5.3 Onoway shall explore opportunities with local businesses to develop a Business Improvement Area (BIA) to help support downtown development and streetscaping.
- 4.5.4 An Area Redevelopment Plan (ARP) for the downtown area should be developed to provide a vision and future direction for growth and redevelopment in the downtown.
- 4.5.5 The aesthetic quality of the downtown area shall be enhanced by:
  - a) Encouraging downtown business and property owners to collaborate with the Town on private landscaping and other initiatives to maintain a cohesive and pleasant streetscape; and
  - b) Continuing to provide appropriate street furniture and lighting improvements.



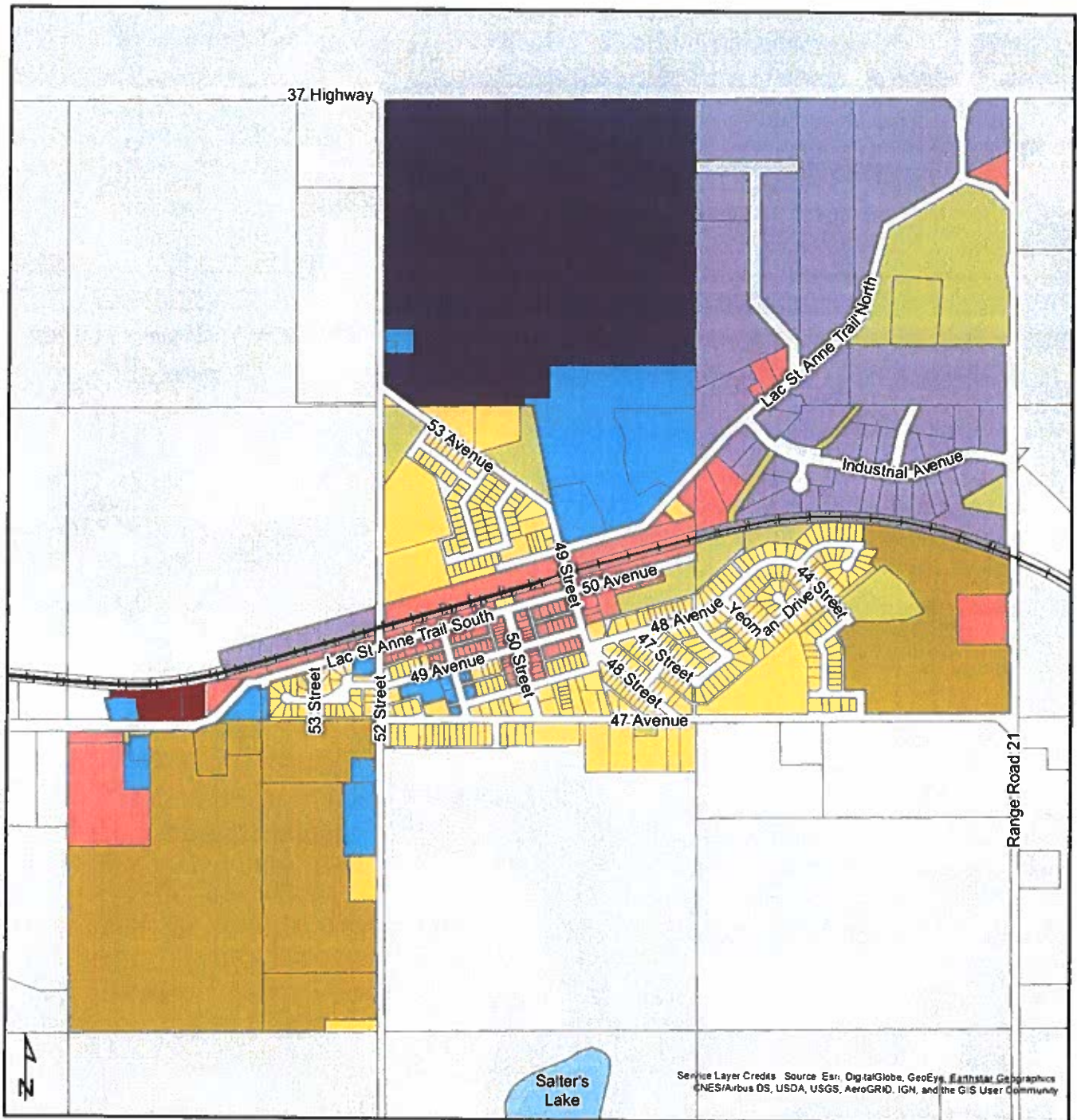
#### 4-6 **Onoway's Recreational, Educational and Cultural Facilities Support Local and Regional Needs**

As a hub in the larger local trading area, amenities such as the Onoway Museum and Heritage Centre, Onoway Arena and Onoway Jr/Sr High School provide opportunities for personal development and enjoyment, civic pride and community interaction for local and regional residents.

##### **Policies**











- 4.6.1** A comprehensive Parks and Recreation Master Plan should be developed to identifying park space areas, functions and linkages that provide a connected recreation network. This Master Plan can include, but is not limited to:
- a) Evaluating existing parks and facilities;
  - b) Identifying new parks and recreation amenities; and
  - c) Enhancing connectivity between parks and recreation amenities with the broader community.
- 4.6.2** Recreational and sports facilities and amenities should be maintained and developed to:
- a) Provide a range of recreational opportunities throughout Onoway;
  - b) Accommodate a range of programs and uses;
  - c) Provide opportunities for both competitive programming and passive recreation;
  - d) Allow for conversion for future needs; and
  - e) Be financially and physically accessible to all residents.





Service Layer Credits Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



-  Water Body
-  Railway
-  Residential
-  Commercial
-  Industrial
-  Institutional
-  Parks and Open Space
-  Future Residential
-  Future Commercial
-  Future Industrial/ Highway Commercial

**ISL** Engineering  
and Land Services

**ONOWAY  
MUNICIPAL  
DEVELOPMENT  
PLAN**



**FIGURE 4  
FUTURE  
DEVELOPMENT MAP**



# SECTION FIVE

# Infrastructure Policies

# 5

*This Section outlines local infrastructure policies.*

## 5-1 Onoway's Transportation Network is Safe and Efficient

There are currently few connected trails for pedestrians, cyclists and other non-motorized transport in Town. Continuing to provide reliable and safe transportation infrastructure is a key factor in residents' quality of life. Maintaining and upgrading road and utility infrastructure is increasingly challenging as assets age, and the Town must utilize asset management and planning best practices to ensure a high level of service is efficiently delivered.

### **Policies**

- 5.1.1 A minimum right-of-way, as identified in the Town's Engineering Design Standards, shall be used for all new arterial roads, collector roads, services roads, local roads, intersections, and sidewalks. Council may vary these standards at their discretion.
- 5.1.2 Innovative road materials, construction methods, and lifecycle management practices should be pioneered in Onoway through partnerships with neighbouring local, provincial, and federal agencies and institutions.
- 5.1.3 Onoway should work with CN Rail to ensure surface rail crossings prioritize pedestrian and vehicular safety through improvements to signage and visibility.
- 5.1.4 A Transportation Master Plan should be developed with policies and initiatives that support active transportation should be developed.



5.1.5 Trails (particularly in residential and commercial developments) should be incorporated within parks, open spaces and environmental and conservation reserves to provide connections to the on-street network as appropriate.

## 5-2 Onoway's Water and Wastewater Services Meet Current and Future Needs

The West Inter Lake District Regional Water Services Commission has been providing water services for Onoway since 2008. The majority of homes in Onoway are connected to the Town's upgraded water treatment plant and distribution network, which sources water from two wells. Connections and hook-up to the Regional Water Line were completed in early 2018. Upgrades and maintenance to water lines and the water treatment plant are on-going. The Town's wastewater is fully reticulated and treated by facultative ponds outside the Town boundaries. This system is sufficient at this stage, though regular upgrades are needed so that the system remains effective. The last major improvement to the Town's sewer network was completed in 2017, including a lift station upgrade.

Onoway is a leader in re-using and recycling waste through the Town's five separate forms of waste management: compost of organic waste, recyclables (paper, glass, plastic, tin/aluminum), hazardous (toxic roundup every year), electronics (regular clean-up days), and remaining waste to landfill. Compost, recycling and garbage collection are curbside services, with the option to use a regional disposal centre. The Town also has an oil bin and a bottle drop-off centre. Onoway will continue to strive for diverting as much waste as possible from landfills and educate residents on how to properly dispose of any remaining waste they may have.

### *Policies*

- 5.2.1 Development patterns should occur in a contiguous manner that supports the efficient and economical provision of local water and wastewater services.
- 5.2.2 Onoway should work with communications providers to ensure that wireless and fiber-optic services are accessible throughout Town.
- 5.2.3 Incremental improvements to the wastewater treatment plant and ponds should be planned for to ensure that environmental standards are met and exceeded, where practicable and there is capacity to meet future demand.
- 5.2.4 Waste reduction, reuse, recycling and diversion programs shall be promoted.

## 5-3 Onoway Respects the Natural Environment

Surface water runoff is a commonly overlooked issue and can cause ponding and/or erosion when not planned for effectively. Regular monitoring and repairs to problem areas are important to ensure that rainwater and snow melt flows where it is intended to. Urban design techniques and new materials can minimize the rate and volume of surface water runoff, allowing it to be effectively managed.



Onoway Creek has flooded in the past during heavy rainfall and may do so again. It is important to ensure that potential flood risk along the Creek is mitigated.

**Policies**

- 5.3.1 An overall Town Drainage Plan and improvement study should be commissioned so that the Town knows where water is flowing and the pressure points that need infrastructure investment in the future.
- 5.3.2 The predicted flood area around Onoway Creek for 1:100 year and 1:50 year flood events should be determined through a Floodplain Study.
- 5.3.3 Development in the 1:100-year flood plain shall be restricted to activities and structures that are not at risk from flooding or can be moved out of the area quickly.
- 5.3.4 Onoway Creek and its buffer area should be integrated into public and park spaces to be used for passive recreation.





# SECTION SIX

# Governance Policies

# 6

*This Section outlines local governance policies.*

## 6-1 Onoway is Committed to Meaningful Engagement with Residents

Onoway is committed to robust public participation with respect to land use matters so that future growth implications are understood by the community. By providing the right information and building effective relationships with key stakeholders, informed and collaborative conversations will result. While it is not always possible for the public to be involved in all major decisions, or in all aspects of any given decision or action, wherever possible, Onoway will seek public input on key issues effecting the town.

### **Policies**

**6.1.1** A Public Participation Policy shall be developed in accordance with the MGA.

**6.1.2** The Public Participation Policy shall be:

- a) Made available to the public;
- b) Posted on the Town's website; and
- c) Reviewed, at minimum, once every four years.



## 6-2 Onoway's MDP Reflects the Community as it Evolves

Because of the broad impact on land use planning and development it is essential that the MDP be reviewed intermittently to ensure it remains an effective tool for guiding growth in Onoway. Although the MDP is written to respond to development foreseen within the next twenty years, it is understood that conditions may rapidly change within this timeframe.

### *Policies*

- 6.2.1 Town administration will prepare a report for Council every three (3) years that describes how proposed developments have aligned with the MDP and suggest any need for changes to the Plan.
- 6.2.2 A general review of the MDP should take place within ten (10) years.
- 6.2.3 Notwithstanding 6.2.2, Council will be prepared at any time to consider proposed amendments to the MDP in order to deal with unanticipated circumstances.
- 6.2.4 MDP objectives and policies shall be reviewed to ensure they are in accordance with the Upper Athabasca Regional Plan once it comes into effect.

## 6-3 Onoway's Assets are Managed in a Financially Sustainable and Efficient Manner.

Asset management is a systematic process of developing, operating, maintaining, upgrading, and disposing of assets in the most cost-effective manner (including all costs, risks and performance attributes). Effective asset management is critical to maintaining a coordinated approach to optimizing costs, minimizing risks, and the overall performance and sustainability of local infrastructure.

### *Policies*

- 6.3.1 Council and Administration will collaborate to develop an Asset Management Plan that provides for and prioritizes the comprehensive construction and lifecycle management of existing and future infrastructure and Town assets.
- 6.3.2 Local road improvements should be financed via a:
  - a) Local improvement tax for a residential street;
  - b) Local improvement tax or a combination of provincial grant and local improvement tax for a collector or arterial road; or
  - c) Other infrastructure financing tools at the discretion of Council.



# SECTION SEVEN

# Intermunicipal Policies

# 7

*This Section outlines policies designed to support collaboration between Onoway and its municipal neighbours.*

## **7-1 Onoway Collaborates with Lac Ste. Anne County on Issues of Mutual Benefit**

Onoway and Lac Ste. Anne County have forged a working relationship which functions to the mutual benefit of both municipalities. While Onoway and the County may not be in agreement on all matters, we share many goals in common and should seek to embrace both the challenges and opportunities we encounter in a collaborative manner. By utilizing shared resources, and communicating more closely with one another on key issues, both municipalities will benefit.

### ***Policies***

- 7.1.1 ~~Onoway shall uphold the circulation and referral process for new development in accordance with the process outlined in the "Lac Ste. Anne County and Town of Onoway Intermunicipal Development Plan (Bylaw #20-2014)," as amended.~~
- 7.1.2 ~~Joint servicing agreements with the County should be reviewed and managed through the forthcoming Intermunicipal Collaboration Framework (ICF).~~



## 7-2 Onoway Coordinates Recreation and Cultural Activities with Its Regional Neighbours

As Onoway is a service centre for a larger rural community and nearby summer villages, many people travel to the municipality and abroad for recreation. Where appropriate, Onoway should work in collaboration with the County and other municipal neighbours to coordinate the provision of recreational and cultural amenities for the wider community.

### *Policies*

- 7.2.1 Onoway shall work with the County, nearby Summer Villages, and other neighbouring municipalities, boards, and organizations to develop recreation agreements to support the provision of recreational and cultural services.
- 7.2.2 Onoway should work with the County and off-road vehicle enthusiasts to develop regional off-road vehicle trails.
- 7.2.3 Onoway shall pursue open and effective channels of communication with municipal neighbours to strengthen intergovernmental relationships at the political and administrative levels.
- 7.2.4 Onoway will work cooperatively with local school boards to pursue, negotiate, and enhance Joint Use Agreements of school and park reserves.





202, 9440 49 Street, Edmonton, AB T6B 2M9 NSW.AB.CA

September 1, 2020

Ms. Wendy Wildman  
Chief Administrative Officer  
Town of Onoway  
PO Box 540  
Onoway AB  
T0E 1V0



**RE: Municipal Contribution to NSWA**

Dear Ms. Wildman,

I am pleased to provide a copy of the North Saskatchewan Watershed Alliance (NSWA) 2019-20 Annual Report, which summarizes the projects and collaborative partnerships that NSWA has conducted in your watershed during the past year. This important work was accomplished thanks to the generous support of over 40 municipalities in our shared watershed. We would again appreciate positive consideration by your Council for a \$0.50 per capita contribution to NSWA for 2021.

In addition to financial contributions from individual municipalities, our non-profit alliance depends on an annual operating grant from the Government of Alberta and contributions from EPCOR. More information about the NSWA, our bylaws, finances and projects can be found online at [www.nswa.ab.ca](http://www.nswa.ab.ca).

**How your financial contribution benefits your community**

In 2005, Alberta Environment appointed NSWA as the Watershed Planning and Advisory Council for the North Saskatchewan River (NSR) basin under *Water for Life: Alberta's Strategy for Sustainability*. NSWA has made significant progress under this mandate, and in 2012 released an Integrated Watershed Management Plan (IWMP) for the North Saskatchewan River basin. This major undertaking provides advice and direction to protect the long-term supply and quality of water resources for future generations. IWMP implementation is now underway through strategic watershed partnerships with local municipalities and stewardship groups.

NSWA partners with individual municipalities and three sub-watershed alliances to assess local watershed conditions and issues, coordinate inter-municipal projects, and develop harmonized land

policies to support long-term sustainability of watershed resources. NSWA also provides technical expertise, grant application support, consultant coordination and facilitation services for meetings and workshops.

NSWA, in collaboration with its regional partners, successfully applied for over \$3.0 million worth of provincial and federal grants to support municipalities and local stewardship groups. See the attached summary table and information sheet for how NSWA can help your municipality.

NSWA is helping to address many local watershed management issues including:

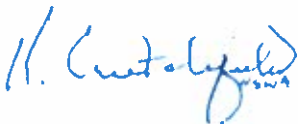
- Riparian and wetland habitat conservation and restoration
- River and creek hydrology studies
- Natural areas and groundwater recharge areas protection
- Fisheries habitat and aquatic health assessments, including invasive species issues
- Long term impacts of land use changes on watershed health
- Best management practices and planning policies related to riparian, wetland and natural area protection, stormwater management and flood protection and water conservation.

NSWA is also involved in many major intergovernmental projects such as the North Saskatchewan Regional Land Use Framework, Edmonton Metro Region Growth Plan, Industrial Heartland Water Management Framework and EPCOR's Drinking Water Protection Plan. This involvement, plus its close working relationship with many Alberta government agencies, allows NSWA to connect municipalities such as yours with the best resources to address watershed issues.

NSWA would be pleased to discuss any watershed issues of concern to your municipality and to provide a briefing if requested by your Council or Administration. If an elected municipal representative would like to serve on the NSWA Board of Directors, there will be an opportunity at the 2021 NSWA Annual General Meeting for the election of new board directors.

Please feel free to contact NSWA's Executive Director, Ms. Leah Kongsrude at 587-525-6827 or [leah.kongsrude@nswa.ab.ca](mailto:leah.kongsrude@nswa.ab.ca) in this regard. Ms. Kongsrude has over 30 years of environmental experience, including ten years in municipal government, and appreciates the challenges and opportunities that municipalities face with local watershed management issues.

Thank you for your consideration. We have taken the liberty of enclosing an invoice.



Mr. Ken Crutchfield, President  
North Saskatchewan Watershed Alliance Society

Cc: Chief Administrative Officer

Attachments: NSWA Coordinated Sub-Watershed Project and Grant Summary  
How can NSWA help your Municipality with Watershed Issues?

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## NSWA Coordinated Sub-Watershed Project and Grant Summary

SUB-WATERSHED	MAJOR WATERBODIES	MUNICIPALITIES	PROJECTS
<b>HEADWATERS</b>	North Saskatchewan River Cline River Clearwater River Ram River Brazeau River Modeste Creek Strawberry Creek Wabamun Lake	Clearwater County Brazeau County Parkland County Leduc County Wetaskiwin County Town of Drayton Valley Town of Rocky Mountain House Town of Devon Town of Thorsby Village of Wabamun	<ul style="list-style-type: none"> <li>• \$140,000 Alberta Water Resiliency and Restoration Program grant was used to map the health of riparian areas along the Modeste and Strawberry Creeks. This data will be used to conserve or restore high priority riparian areas that will provide greater flood/drought resistance, improve water quality and enhance wildlife habitat. The GIS data will be made accessible through an online web portal with information friendly format for the public and a detailed technical format for municipal planners.</li> <li>• The Wabamun Lake Watershed Management Plan is being finalized with involvement of local municipalities and lake stewardship groups</li> </ul>
<b>STURGEON RIVER</b>	Sturgeon River Isle Lake Lac St. Anne Birch Lake Matchayaw Lake Sandy Lake Kilini Creek Riviere Qu'Barre Atim Creek Carrot Creek	Lac St. Anne County Parkland County Sturgeon County City of Edmonton City of St. Albert City of Spruce Grove Town of Stony Plain Town of Onoway Town of Morinville Town of Gibbons Summer Villages of Lac Ste. Anne County East	<ul style="list-style-type: none"> <li>• \$512,000 from three provincial and federal grants was used to summarize information on:                             <ul style="list-style-type: none"> <li>○ surface water and groundwater hydrology</li> <li>○ wetland and natural areas</li> <li>○ water quality</li> <li>○ fisheries habitat and aquatic life</li> <li>○ riparian intactness</li> <li>○ policy and planning tools for watershed protection</li> </ul> </li> <li>• This information was used to complete a Sturgeon River Watershed Management Plan (2020) which provides guidance and actions to protect the watershed.</li> <li>• A \$200,000 Alberta Community Partnership Grant was received to implement priority action items from the Sturgeon River Watershed Management Plan in 2020- 2023.</li> </ul>

<b>VERMILLION RIVER</b>	Vermilion River Waskwei Creek Cotton Creek Birch Creek Campbell Creek Deer Creek Stretton Creek	County of Vermillion River County of Minburn Beaver County County of Two Hills County of St. Paul Town of Vermillion Town of Vegreville Town of Two Hills Town of St. Paul Town of Elk Point Town of Bruderheim Village of Holden Village of Innisfree Village of Myrnam	<ul style="list-style-type: none"> <li>• A four-year, \$1.4 million Water Resiliency and Restoration Program grant to promote riparian and wetland restoration projects in the watershed. To date over 100 ha of wetlands and riparian areas have been enhanced or restored through this project.</li> <li>• A shared \$75,000 Water Resiliency and Restoration Program grant with Sturgeon River Watershed Alliance was used to assess long term land use changes in the watershed and its effect on the hydrology of the basin. This study uses ALCES, a cumulative assessment simulation assessment tool, to show the impacts of land use decisions. This tool has also been used by the Edmonton Metro Regional Board to support its planning discussions and policy.</li> </ul>
<b>BEAVERHILL</b>	North Saskatchewan River Beaverhill Creek Astotin Creek Beaverhill Lake Cooking Lake Hastings Lake Antler Lake	Strathcona County Lamont County Beaver County City of Fort Saskatchewan Town of Bruderheim Town of Tofield Town of Ryley	<ul style="list-style-type: none"> <li>• A Land Stewardship grant was used to complete a lake management plan for Antler Lake.</li> </ul>





# NSWA

NORTH SASKATCHEWAN  
WATERSHED ALLIANCE

## Invoice

Date	Invoice #
01/10/2020	2021.057

202 - 9440 49 Street NW  
Edmonton, Alberta  
T6B 2M9

Phone #	587.525.6827
E-mail	ellen.cust@nswa.ab.ca
Web Site	www.nswa.ab.ca

COPY

Invoice To
Town of Onoway PO Box 540 Onoway, AB T0E 1V0

Description	Qty	Rate	Amount	P.O. No.
Municipal Contribution January 1 to December 31, 2021 - Per Capita Funding Request	1,029	0.50	514.50	
Thank you for your support			<b>Total</b>	\$514.50

GST/HST No. 890443419

# Connecting You to Watershed Resources

## How can NSWA help your municipality with watershed issues?



- Growing concerns from residents related to local water issues
- Complex environmental regulations or guidelines
- Development pressures on local lakes, rivers, or creeks
- Poor lake or river water quality
- Loss of wetlands and other environmentally sensitive areas

### COLLABORATIVE PARTNERSHIPS



*We facilitate inter-municipal partnerships that address watershed issues*

- Three municipally-led subwatershed groups: Headwaters, Sturgeon and Vermilion
- 40+ municipal partners both rural and urban
- Work closely with federal and provincial governments on watershed related issues

### GRANT SUPPORT



*NSWA has coordinated over \$3 million in grant funds for municipalities*

- For every \$1 municipalities contribute, NSWA has been able to secure \$4.50 in grant funds
- Studies of water quality, riparian areas, and aquatic health issues
- Helping local landowners protect or restore wetland and riparian areas

### EXPERTISE & PROJECT MANAGEMENT



*NSWA staff have knowledge of municipal watershed issues*

- Completed over 50 technical studies and management plans
- Contribute to provincial policy development
- Guided by the North Saskatchewan River Watershed Integrated Watershed Management Plan (2012)

### EDUCATION & AWARENESS



*We provide resources to help residents and council understand watershed issues*

- Monthly newsletters highlighting watershed activities and resources
- Free Educational Forums held twice a year on key watershed topics
- Website with links to watershed information, presentations, and reports

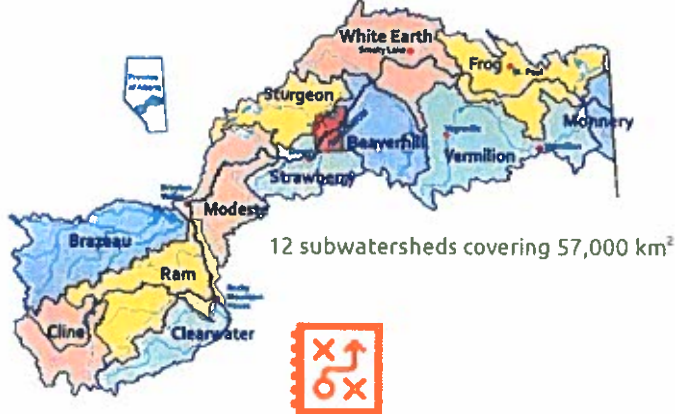
## Local Solutions for Local Issues

The North Saskatchewan Watershed Alliance is a non-profit organization designated by the Province of Alberta as a Watershed and Planning Advisory Council for the North Saskatchewan River watershed.

Learn more by visiting our website [nswa.ab.ca](http://nswa.ab.ca)



**NORTH SASKATCHEWAN RIVER WATERSHED**



**WE PLAN**

**WE WORK WITH OTHERS TO FIND WAYS TO INTEGRATE LAND AND WATER PLANNING TO IMPROVE WATERSHED FUNCTION**



**WE ADVOCATE**

**WE ADVOCATE FOR THE PROTECTION OF WATER QUALITY, WATER SUPPLIES AND ECOSYSTEM HEALTH THROUGH WATERSHED MANAGEMENT**



**WE SHARE**

**WE PROVIDE INFORMATION ABOUT THE WATERSHED AND CREATE FORUMS FOR SHARING THAT INFORMATION**

**WORKING TOGETHER FOR A HEALTHY AND RESILIENT WATERSHED**

**VISION**

*People working together for a healthy and functioning North Saskatchewan River watershed – today and tomorrow.*



The NSW Board consists of 18 representatives from municipal, provincial government, industry, agriculture, non-governmental organizations and members at large.

**MISSION**

*To protect and improve water quality, water quantity (instream flow) and the health of our watershed by: seeking, developing and sharing knowledge; facilitating partnerships and collaborative planning; and working in an adaptive management process.*



**NSWA**  
NORTH SASKATCHEWAN  
WATERSHED ALLIANCE

[water@nswa.ab.ca](mailto:water@nswa.ab.ca) | 587.525.6820

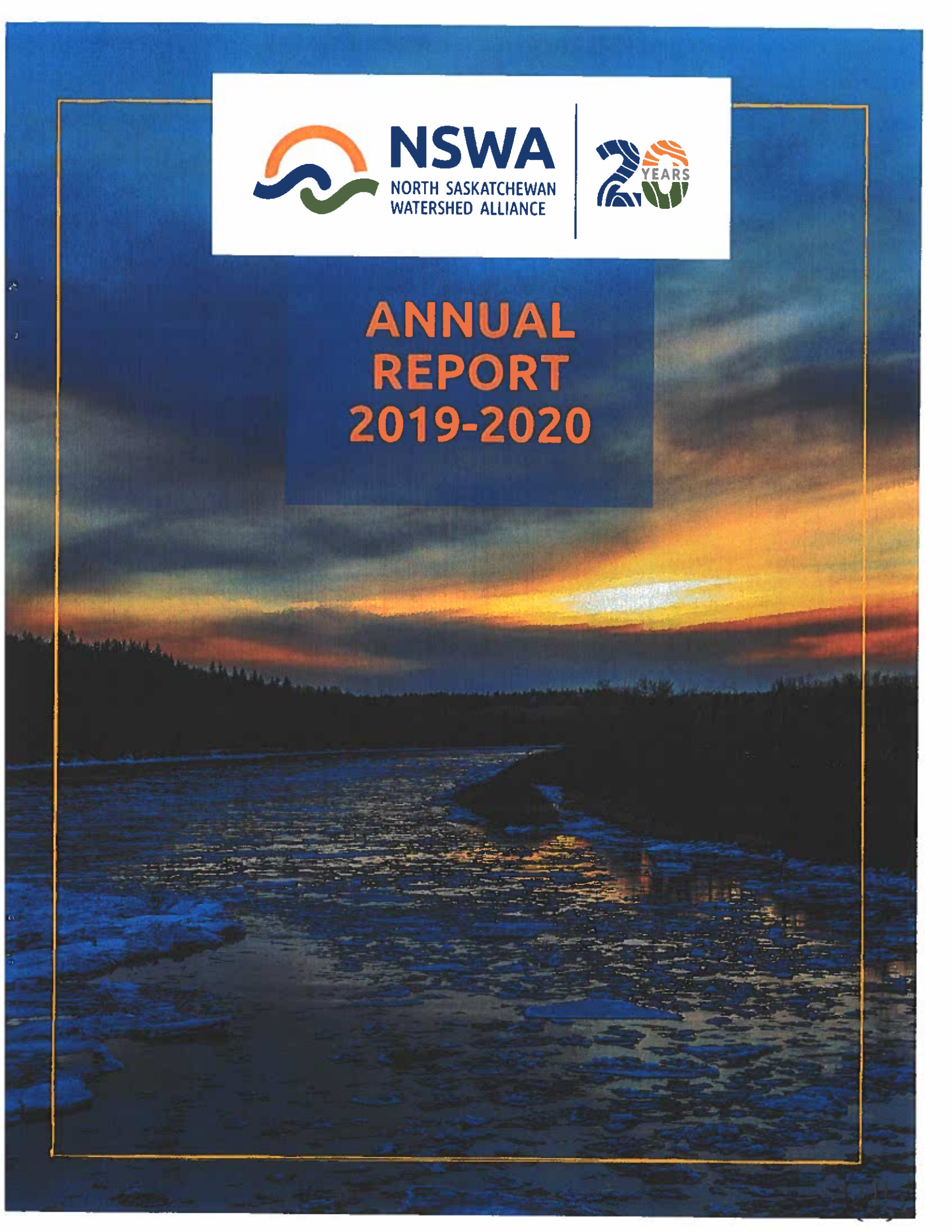
f Follow us on social media  
@NorthSaskRiver



**NSWA**  
NORTH SASKATCHEWAN  
WATERSHED ALLIANCE



**ANNUAL  
REPORT  
2019-2020**



# OUR APPRECIATION

We are grateful to the many supporters of the North Saskatchewan Watershed Alliance (NSWA). We would not be able to facilitate partnerships, complete studies or share knowledge in our watershed without the time and resources provided by our contributors.

We acknowledge the **Government of Alberta** for providing a multi-year operational grant and important contributions from **EPCOR** and many **municipalities** in our watershed. Our partners contributed \$715,000 of financial support and over \$600,000 of in-kind support to NSWA in 2019-2020.



Counties	Cities and Towns	Villages and Summer Villages
<p>Beaver County Brazeau County Clearwater County Lac Ste. Anne County Lamont County Leduc County Parkland County St. Paul County Smoky Lake County Strathcona County Sturgeon County Thorhild County County of Minburn County of Two Hills County of Vermilion Rlver</p>	<p><b>Cities:</b> Edmonton Fort Saskatchewan St. Albert</p> <p><b>Towns:</b> Bruderheim Devon Drayton Valley Gibbons Onoway Rocky Mountain House St. Paul Smoky Lake Vegreville Vermilion</p>	<p><b>Villages:</b> Holden Innisfree Spring Lake</p> <p><b>Summer Villages:</b> Betula Beach Horseshoe Kapasiwin Lakeview Ross Haven Seba Beach South View Sunset Point West Cove Yellowstone</p>

## MESSAGE FROM THE EXECUTIVE DIRECTOR

NSWA is celebrating *20 years of watershed leadership* this year and we are marking the occasion with many special initiatives.

- We shared over 700 copies of our special edition 2020 anniversary calendar which included stunning photographs of our 12 subwatersheds. There was such a high demand for them that we had to reprint them twice!
- A "Do you Remember?" section in our monthly newsletter that showcases important people and events in NSWA's 20 year history.
- Both NSWA Educational Forums this year will focus on "20 Years of Partnerships" and the successes of working collaboratively on watershed issues.

Our longstanding work will also be recognized at the 2020 Alberta Emerald Awards with NSWA being a finalist in the Non-Profit category for *20 Years of Watershed Management Excellence*.

A special thank you to the many staff members, board directors and supporters over the last 20 years who have made NSWA the great organization it is today.

*Leah Kongsrude, Executive Director*



## NSWA STAFF



### NSWA AGM June 2019

Back row, left to right: *Rachel Bootsma, Mary Ellen Shain, David Trew, Gord Thompson, Ellen Cust*

Front row, left to right: *Leah Kongsrude, Addison Brown, Billie Milholland, Elisa Brose, Mara Erickson, Michelle Gordy*

# BOARD OF DIRECTORS

The NSWA is a multi-stakeholder watershed partnership incorporated as a non-profit society in 2000 and designated as a Water Planning and Advisory Council by the Government of Alberta in 2005.

The work of NSWA is guided by an **18 member multi-stakeholder Board** that provides strategic direction and advice to the organization to achieve its vision and mission. We appreciate our Board members ongoing dedication and support.

## BOARD MEMBERS

NSWA AGM June 2019

Back row, left to right: *Al Corbett, John McNab, Bill Fox, Jason Wilkins, Tony LeMay, Bob Winship, John Thompson*

Front row, left to right: *Ken Crutchfield, Leah Hamonic, Bart Guyon, Jim Duncan, Laurie Danielson, Steve Craik, Jamie Bruha, Jacquie Hansen*

Missing: *Aleta Corbett, Jatinder Tiwana*



## NSWA BOARD OF DIRECTORS 2019-2020

### Agriculture

Bill Fox, *Alberta Beef Producers*

### Forestry

Bob Winship, *Weyerhaeuser*

### Industry

Dr. Laurie Danielson, *NCIA*

### Member-at Large

John Thompson

### Federal Government

*vacant*

### Municipal

Al Corbett, *Alberta Drainage Council*

Jim Duncan, *Clearwater County*

Bart Guyon, *Brazeau County*

Jacquie Hansen, *City of St. Albert*

John McNab, *Parkland County*

### NGO

Ken Crutchfield, *Alberta Chapter Wildlife Society*

Leah Hamonic, *Antler Lake Stewardship Committee*

### Provincial Government

Jamie Bruha, *Alberta Environment and Parks*

Tony LeMay, *Alberta Energy Regulator*

### Utility

Dr. Stephen Craik, *EPCOR*

Aleta Corbett, *TransAlta*

### Advisory

Jatinder Tiwana, *City of Edmonton*

**Board Directors volunteered over 900 hours  
for an in-kind contribution of over \$110,000  
in 2019-2020**

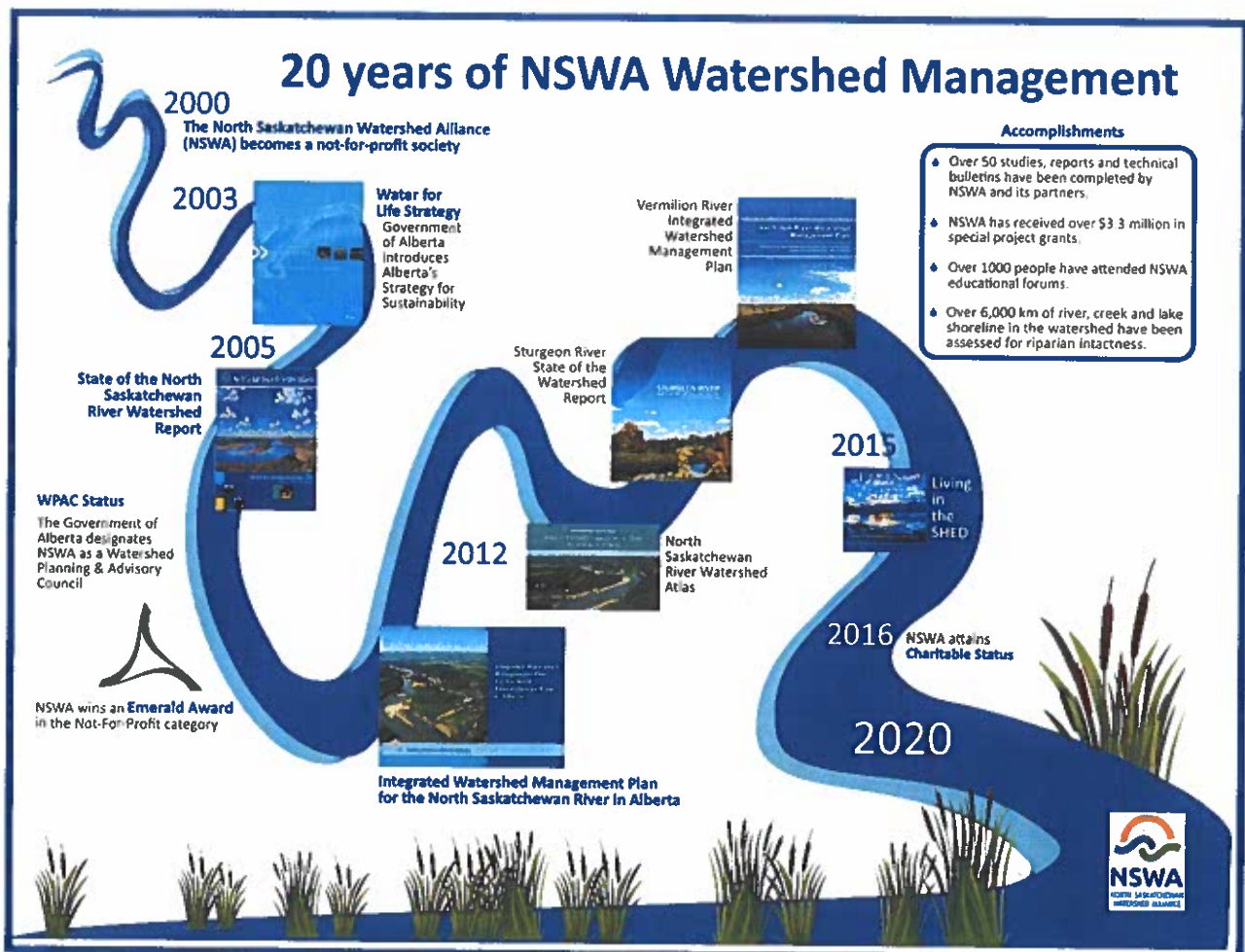
# A BRIEF HISTORY OF NSWA 2000 TO 2020

In the late 1990's, **EPCOR, TransAlta, Trout Unlimited, Agriculture and Agrifood Canada** and the **City of Edmonton** were all working on initiatives related to the health of the North Saskatchewan River. In 1997 they amalgamated to form the *North Saskatchewan Watershed Alliance*. In 2000 NSWA became a registered non-profit society.

The NSWA became the designated Watershed Planning and Advisory Council for the North Saskatchewan River (NSR) in 2005, two years after the Alberta ***Water for Life Strategy*** was adopted by the province.

The NSWA produced the ***State of the Watershed*** report in 2005 and the ***Integrated Watershed Management Plan*** in 2012. In total, NSWA has completed over 50 studies and published the *North Saskatchewan River Watershed Atlas* and the book *Living in the Shed*.

NSWA has provided a forum for sharing knowledge and collaborating on issues affecting the North Saskatchewan River watershed in Alberta for 20 years.





# NSWA STRATEGIC PLAN 2019-2021

The NSWA Board has a 3-Year Strategic Plan that has **four goals to achieve the vision and mission** of the North Saskatchewan Watershed Alliance. The goals also align with the mandate of Watershed Planning and Advisory Councils set out by Alberta Environment and Parks.

## STRATEGIC GOALS

**Goal 1:** *The NSWA supports Collaborative Watershed Planning*

**Goal 2:** *The NSWA provides Leadership in Watershed Management*

**Goal 3:** *The NSWA promotes Watershed Knowledge Sharing*

**Goal 4:** *The NSWA remains a Functional and Sustainable Organization*

The four goals are further defined by key objectives and actions which direct the work of the NSWA organization.

The Strategic Plan is reviewed annually by the NSWA Board to adjust for new opportunities and challenges and to assess the progress of the Plan.

In 2020, the Board approved three key short term strategic directions:

- *Concentrate Outreach and Collaboration on Key Watershed Stakeholders*
- *Focus Efforts and Resources on Subwatershed groups*
- *Identify ways to Measure the Success of the NSWA*





Collaborative partnerships are the core to successful watershed planning for the NSWA. Our strong relationships with **government agencies, municipalities, industry, non-governmental organizations and watershed stewardship groups** provide us with the ability to align our work with our key stakeholder's watershed issues and projects.

## COLLABORATIVE PARTNERSHIPS

HEADWATERS ALLIANCE	STURGEON RIVER WATERSHED ALLIANCE	VERMILION RIVER WATERSHED ALLIANCE	LAKE PARTNERSHIPS
<ul style="list-style-type: none"> <li>• Brazeau County</li> <li>• Clearwater County</li> <li>• Leduc County</li> <li>• Parkland County</li> <li>• Wetaskiwin County</li> <li>• Town of Devon</li> <li>• Town of Drayton Valley</li> <li>• Town of Rocky Mountain House</li> <li>• EPCOR</li> </ul>	<ul style="list-style-type: none"> <li>• Lac Ste Anne County</li> <li>• Parkland County</li> <li>• Sturgeon County</li> <li>• City of Edmonton</li> <li>• City of St. Albert</li> <li>• City of Spruce Grove</li> <li>• Town of Gibbons</li> <li>• Town of Morinville</li> <li>• Town of Onoway</li> <li>• Town of Stony Plain</li> <li>• Village of Alberta Beach</li> <li>• Summer Villages of Lac Ste Anne &amp; County East</li> <li>• Alexander First Nation</li> <li>• Alexis Nakota Sioux Nation</li> <li>• Metis Nation of Alberta</li> <li>• Big Lake Environmental Support Society</li> <li>• Alberta Conservation Association</li> <li>• Wagner Natural Area Society</li> <li>• Alberta Environment and Parks</li> </ul>	<ul style="list-style-type: none"> <li>• Beaver County</li> <li>• Lamont County</li> <li>• County of Minburn</li> <li>• County of Two Hills</li> <li>• County of Vermillion River</li> <li>• Town of Two Hills</li> <li>• Town of Vegreville</li> <li>• Town of Vermilion</li> <li>• Village of Holden</li> <li>• Village of Marwayne</li> <li>• Agriculture and Agri-Food Canada</li> <li>• Alberta Environment and Parks</li> <li>• Alberta Drainage Council</li> <li>• Alternative Land Use Services Canada</li> <li>• Ducks Unlimited Canada</li> <li>• Holden Drainage District</li> <li>• Lakeland College</li> </ul>	<ul style="list-style-type: none"> <li>• Parkland County</li> <li>• Strathcona County</li> <li>• Antler Lake Stewardship Committee</li> <li>• Hubbles Lake Stewardship Society</li> <li>• Jackfish Lake Management Association</li> <li>• Lake Isle Lac Ste Anne Stewardship Association</li> <li>• Mayatan Lake Management Association</li> <li>• Wabamun Watershed Management Council</li> <li>• Wizard Lake Watershed and Lake Stewardship Organization</li> <li>• Lakes of Parkland County Group</li> <li>• Alberta Lake Management Society (ALMS)</li> <li>• Alberta Environment and Parks</li> </ul>

### SUBWATERSHED ALLIANCES:

33 Municipalities  
 11 Non-governmental Groups  
 5 Government Agencies

PROVIDED  
 OVER 1000  
 IN-KIND  
 HOURS





The NSWA has been working with 12 municipalities in the Sturgeon River subwatershed to develop the **Sturgeon River Watershed Management Plan** that will address local watershed issues with local solutions.

The **SRWA** includes a Steering Committee of elected officials and a Technical Advisory Committee of municipal staff, non-governmental organizations and technical experts.

## STURGEON RIVER PROJECTS

Several key studies on the Sturgeon River Watershed were completed in 2019-2020:

- *Sturgeon River Watershed Management Plan* (March 2020)
- *Sturgeon River Watershed Recommendations for Planning Alignment* (February 2020)
- *Strategic Priorities to Improve Sturgeon River Watershed Resiliency* (July 2019)

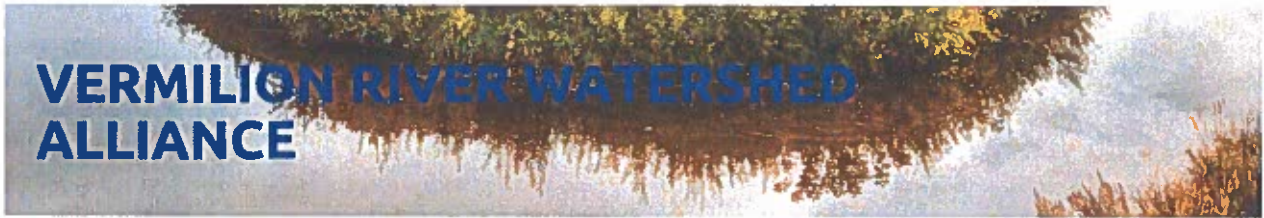
**The SRWA received a \$200,000 Alberta Community Partnership Grant for implementation of the Watershed Management Plan.**



## WATERSHED MANAGEMENT PLAN

The SRWA completed a draft of a watershed management plan for the Sturgeon River watershed in January 2020. The watershed management plan includes **six outcomes**:

- **Policies and Plans** are well-informed and align to support a healthy watershed.
- All residents have access to **safe, secure drinking water** supplies, whether they are on public or private systems or draw from surface or groundwater.
- **Aquatic Ecosystems**, including our rivers, lakes, wetlands and other water bodies, are healthy.
- The importance of water quantity is recognized and **reliable, quality water supplies** are available for people, livestock and a sustainable economy.
- **Wise land use** ensures the cumulative effects of growth and development are mitigated, the land is resilient to climate change and individuals and communities are well prepared for flood and drought events.
- **Residents and stakeholders** support the Sturgeon River Watershed Management Plan and are willing to participate in local and regional initiatives to improve watershed health.



# VERMILION RIVER WATERSHED ALLIANCE

## ENGAGEMENT ACTIVITIES

In 2019-20, **VRWA** activities focused on celebrating Vermilion River Watershed stewardship successes.

- **Two Hills Trade Show** -The VRWA had a booth at this well-attended trade show in the watershed where county restoration projects were highlighted.
- **Lamont County "Living with Water" Beaver Workshop**- Co-hosted by Lamont County, Cows & Fish, and the VRWA, this event emphasized the importance of beavers to watershed integrity and resilience, and shared information on (non-lethal) methods of beaver management.
- **Lamont County Open House** -NSWA shared information with Lamont County residents about the restoration and enhancement work in their watershed.
- **River Revival Planting Event** -NSWA and VRWA in partnership with the Agroforestry Woodlot Extension Society (AWES), the Town of Vegreville, and the Vegreville Regional Museum to host a public "River Revival" event on the museum grounds. The goals of the event were three-fold:
  - To educate about riparian areas and "eco-buffers"
  - To plant over 300 in native plants
  - To celebrate VRWA successes with a BBQ
- **Ryley Sports Days**-Increased the profile of both watershed alliances, and informed attendees about the restoration and enhancement work done in their watershed.



River Revival - Vegreville - June 2019

*Michelle Gordy* has taken on the role of Watershed Planning Coordinator for the VRWA.

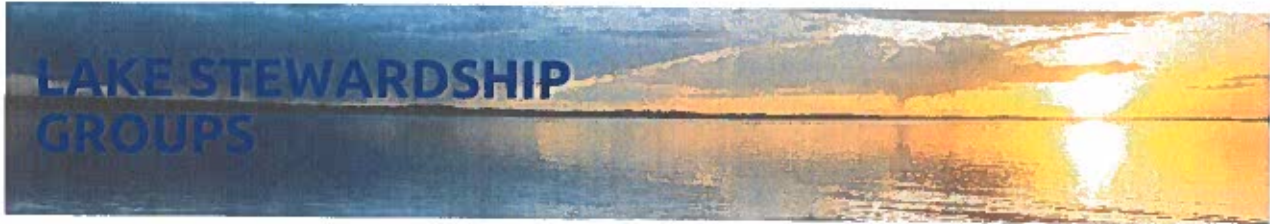
*Mara Erickson* is now with Environment and Climate Change Canada. We wish her the very best in her new position.

## RESTORATION PROJECTS

The NSWA and VRWA have been working with landowners in the Vermilion watershed since 2016 to restore and enhance wetlands and riparian areas.

In 2019-2020, **five projects enhanced 3.79 kilometers of riparian areas** along the Vermilion River, creeks and tributaries and **2.90 hectares of wetland areas**.





The important partnerships the NSWA has with Watershed Stewardship Groups under the Water for Life Strategy is reflected in our work with many lake groups.

### FUTURE OF LAKE MANAGEMENT

The NSWA has over 680 named lakes in our watershed and many are under increased development and recreation pressures. The NSWA is reviewing **who, what, where and how** lake management has evolved in our watershed .

We are working with the Alberta Environment and Parks, Alberta Lake Management Society (ALMS) and other groups to identify opportunities for alignment and collaboration on lake management issues.

A good example of collaboration is the development of the **Lakes of Parkland County** group (*Hubbles, Isle, Jackfish, Lac Ste Anne, Mayatan, Wabamun and Wizard Lakes*). These Watershed Stewardship Groups are discussing the benefits of working together to share knowledge and resources.

### LAKE STEWARDSHIP RESOURCES

NSWA works with Alberta Environment and Parks, ALMS and the Land Stewardship Centre to share lake stewardship information and support.

NSWA staff attended the **2019 ALMS Workshop** at Lake Chestermere to share our lake knowledge, learn more about lake issues across Alberta and enjoy a kayak outing with fellow attendees.

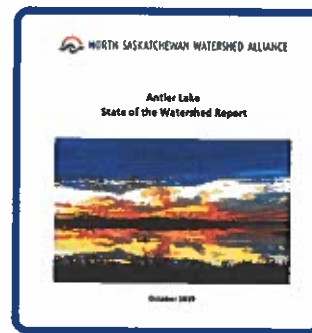


Paddlers on Lake Chestermere

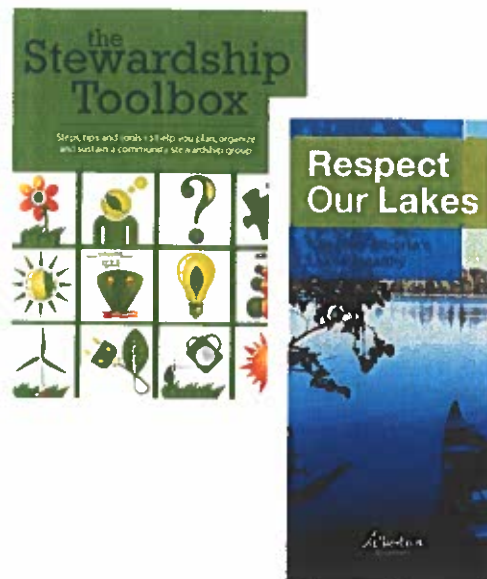
### LAKE MANAGEMENT STUDIES

NSWA has been facilitating the development of the Wabamun Lake Watershed Management Plan with a Steering Committee consisting of:

- Local Lake Stewardship groups
- Municipalities
- NSWA
- Alberta Environment and Parks



The NSWA completed the **State of the Watershed Report for Antler Lake**. The NSWA will sharing the report with the Antler Lake Stewardship Committee and Strathcona County to highlight the findings of the report.





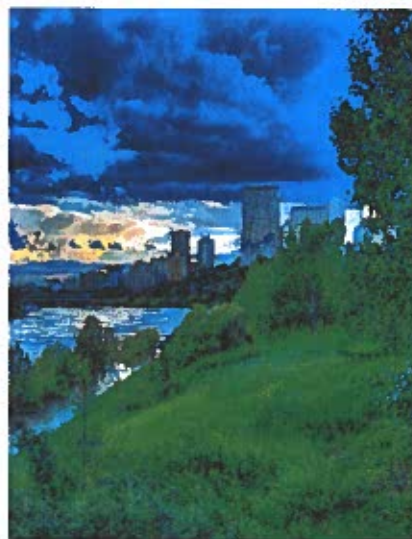
The NSWA reviews and prioritizes watershed management projects to maximize partnership opportunities and use of resources. In addition to the three subwatershed Alliances, this includes providing advice on Government of Alberta policy, framework and guidelines projects.

### North Saskatchewan River WaterSHED Monitoring Program

The WaterSHED Monitoring Program is a unique partnership between:

- Alberta Environment and Parks
- EPCOR
- North Saskatchewan Watershed Alliance
- City of Edmonton

By combining and coordinating resources this collaborative partnership has created the North Saskatchewan River's most **comprehensive river monitoring program**.



**19 new or upgraded water quality monitoring stations from the headwaters of the North Saskatchewan River to the Saskatchewan Border.**

### Industrial Heartland /Capital Region Water Quality Management Framework



NSWA participates in Alberta Environment and Parks Implementation Advisory Committee for the Water Quality Management Framework for the Industrial Heartland and Capital Region.

The Water Management Framework for the Industrial Heartland and Capital Region presents a **collaborative, cumulative effects management approach** to protect the reach of the North Saskatchewan River, from Devon to Pakan, which is directly impacted by municipal and industrial effluent discharge.

The Framework has been under development since 2007 and the will be added into the new provincial North Saskatchewan Regional Plan.

## North Saskatchewan Expanded Riparian Assessment Project

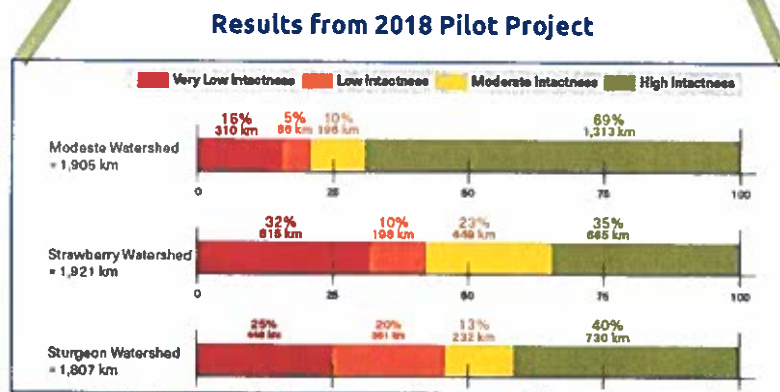
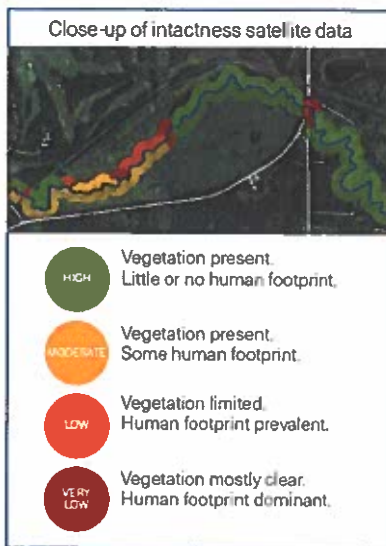
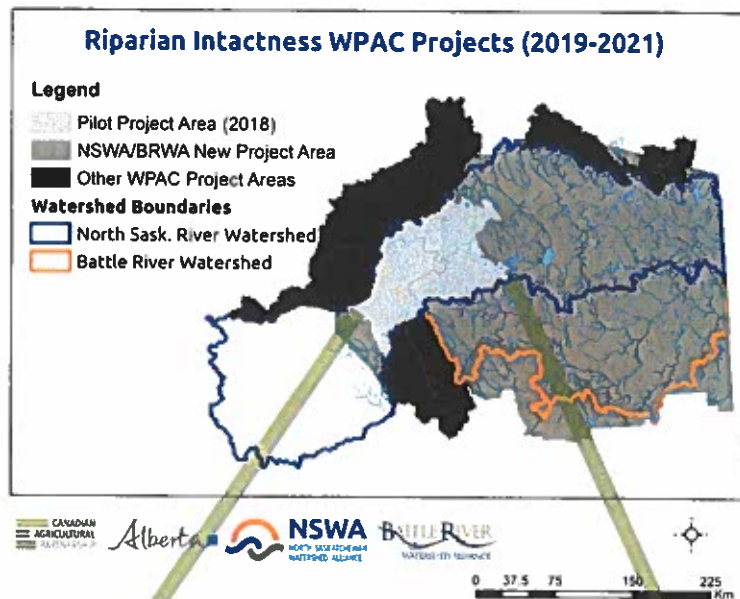
In 2018, a **new riparian assessment method** piloted in the Modeste subwatershed provided a detailed review of over 1800 kilometers of shorelines. This assessment provides a high level overview of the intactness and pressure on riparian systems for large areas. This method was also used in the Strawberry and Sturgeon subwatersheds in 2019 and a total **over 6000 kilometers** was assessed.

The NSWA received a \$500,000 grant from the Canadian Agricultural Partnership program to expand the riparian assessment of the watershed into an **additional five subwatersheds**:

- *Beaverhill*
- *White Earth*
- *Vermilion*
- *Frog*
- *Monnery*

NSWA is partnering with the **Battle River Watershed Alliance** to maximize use of resources and expertise. Once the assessment is complete the project will also include stakeholder workshops on how to use this new information.

Three adjacent Watershed Planning and Advisory Councils are also proposing to use the new method including the Athabasca, Beaver and Red Deer councils.







The NSWA has completed over **50 studies**, reports and technical bulletins on the North Saskatchewan watershed. **Six new reports** were completed in 2019-2020 and you can find all our reports on the NSWA website. There is now a dedicated **RESOURCES** web page that includes search functions by type of report, topic and subwatershed.

- *Sturgeon River Watershed Management Plan (March 2020)*
- *Wabamun Lake Watershed Management Plan (January 2020)*
- *Recommendations for Planning Alignment (February 2020)*
- *Antler Lake State of the Watershed Report (October 2019)*
- *Strategic Priorities to Improve Sturgeon River Watershed Resiliency (July 2019)*
- *Strategic Priorities to Improve Vermilion River Watershed Resiliency (July 2019)*

**Over 50 watershed reports are available on the NSWA website**





The NSWA is a key resource for watershed information on the North Saskatchewan River watershed and focuses its communications efforts on strategic issues with its key stakeholders. We align and compliment the communications efforts of Alberta Environment and Parks, Watershed Planning and Advisory Councils and other watershed organizations to reinforce watershed knowledge and stewardship messages.

### NSWA WEBSITE



*The NSWA website averages 800 visits per month*

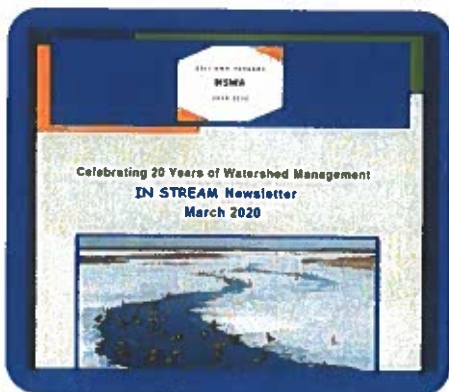
### 20TH ANNIVERSARY CALENDAR

NSWA published a special anniversary calendar for 2020 with **watershed photos and information**, and distributed it to members and new MLAs in the watershed.



### MONTHLY NEWSLETTERS

Our newsletters keep over **750 subscribers** informed of watershed news and upcoming events.



### SOCIAL MEDIA

**Twitter: 2536 followers**  
**Facebook: 830 followers**  
**Linked In: 504 connections**  
**Instagram: 202 followers**



# NSWA 2019 - 2020

4,000+ Followers on social media

- 2 Summer Students
- 28 Events
- 17 Communities
- 7 Subwatersheds

spoke with 844 people

3 Subwatershed Alliances

- 33 Municipalities
- 11 Non-government Groups
- 5 Government Agencies

2 Educational Forums attended by 200+ people

Meetings with Watershed Leaders

70+ board of directors, steering committees, technical advisory committees, non-government organizations, stewardship groups, municipalities, industry, government departments

Over 50 watershed reports available on NSW website

750+ Newsletter subscriptions

800+ Monthly website visits

Over 1100 people have attended NSWA Forums since 2013

## EDUCATIONAL FORUMS

In 2019-2020 NSWA held two educational forums:

- *Drinking Water Protection - Successes and Challenges (October 2019)*
- *20 Years of Progress in Watershed Management -Celebrating Partnerships (February 2020)*

NSWA continues to receive very positive feedback on our forums and will continue to use input from attendees to select watershed topics. All forum presentations are posted on the NSWA website.



EPCOR Watershed Model



NAIT students and instructors attend October 2019 Forum

## WATERSHED EVENTS

In 2019, NSWA designed a **tent for outreach events** which features a map of the watershed, diagrams explaining 'what is a watershed', and subwatershed information.

With the help of two summer students, Rachel and Addison, NSWA attended over **26 events**, and visited over **17 communities** in 2019-2020 including :

- *EPCOR's Riverfest - Edmonton*
  - *Clean and Green Riverfest - St. Albert*
  - *Canada Day -Fort Saskatchewan*
  - *River Revival Tree Planting - Vegreville*
  - *Rodeo Promenade - Tofield*
  - *Pioneer Days - Gibbons*
- and many more events!

EPCORS's Riverfest -NSWA Outreach Tent



River Revival Tree Planting- Vegreville



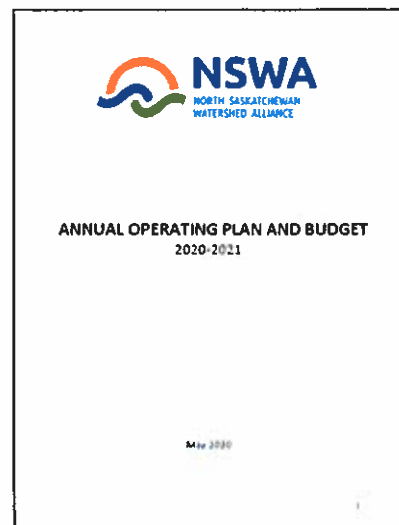
The NSWA is a registered non-profit society guided by an 18-member multi-stakeholder board and currently has **five full time staff**. We rely on funding from Alberta Environment and Parks, EPCOR and municipal contributions to fund our core operations. Watershed management specific project work is funded through separate federal and provincial grants, and municipal and watershed stewardship group contributions.

### BOARD GOVERNANCE

The Board continued to work on key strategic directions of the organization through the work of five standing committees:

- *Executive*
- *Communications and Engagement*
- *Finance*
- *Governance*
- *Strategic Planning and Priorities*

A major accomplishment for the Board was the in depth review and rewrite of the **NSWA Bylaws** which were last updated in 2009. This included an in depth review of the sectors represented on the board.

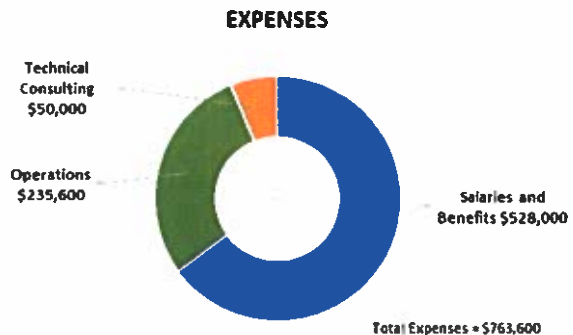
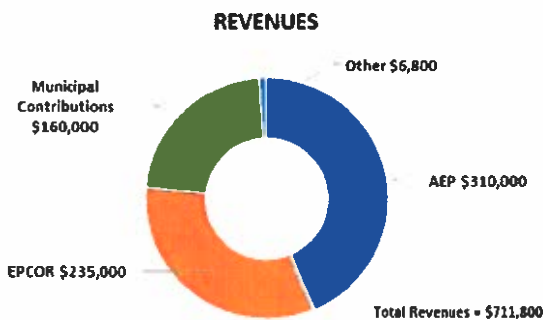


### OPERATIONAL FUNDING

The NSWA receives **core funding** from:

- An operating grant from the Government of Alberta
- A contribution from EPCOR Water Services Canada
- Municipal contributions equivalent to \$0.50 per capita

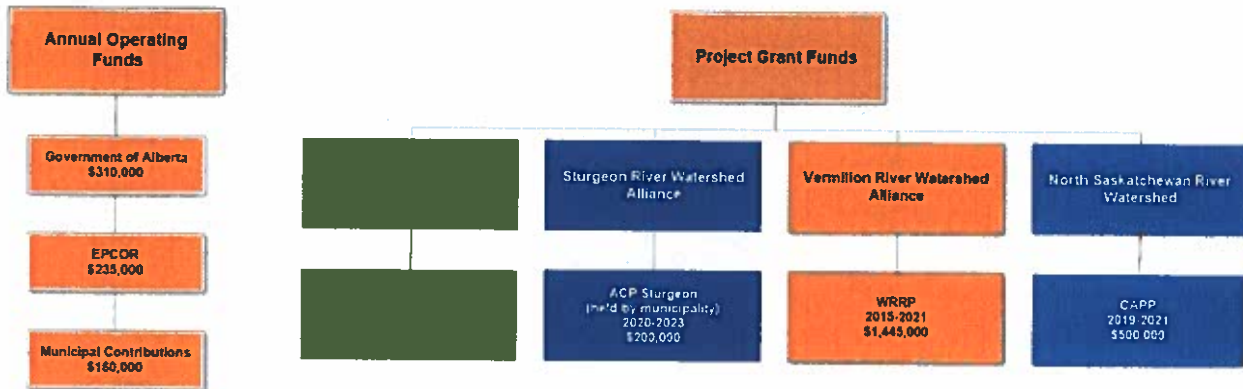
*For every \$1.00 NSWA receives in operational funding we have generated over \$3.00 in grant funding.*



## FUNDING SOURCES

The NSWA applies for grants from **Federal and Provincial government programs** for watershed project specific work such as technical studies and on-the-ground restoration projects. Over **\$3.0 million** worth of grants have been awarded to the NSWA in the last five years.

You can find a full copy of the NSWA 2018-2019 Audited Financial Statement on our website [www.nswa.ab.ca](http://www.nswa.ab.ca)



WRRP - Watershed Resiliency and Restoration Program  
 ACP - Alberta Community Partnership  
 CAPP - Canadian Agricultural Partnership Program  
 RHAP - Riparian Health Action Plan



### PHOTO CREDITS:

Cover Page: *View from Groat Road*, Bill Trout, Images Alberta  
 Pages 7, 12, 15, 18 : Airscapes  
 Page 6: *Canola Field*, Karen Albert, Images Alberta  
 Page 9: *Bridge over Sturgeon*, Karen Albert, Images Alberta  
 Page 9: *Lac Ste Anne Sunset*, Bill Trout, Images Alberta  
 Page 9: *White Admiral*, Rager Kirchen, Images Alberta  
 Page 10: *River Bend*, Bill Trout, Images Alberta

Page 11: *Lac Ste Anne sunset*, Bill Trout, Images Alberta  
 Page 12: *NSR Flood*, Bill Trout, Images Alberta  
 Page 14: *Aurora over Chickakoo*, Bruce T. Smith, Images Alberta  
 Page 19: *From Bridge by Waskatenau*, Steve Ricketts, Images Alberta  
 Back Cover: *Clifford E. Lee Nature Preserve*, Bill Trout, Images Alberta  
 Other photos: NSWA



**OUR VISION**

*People working together for a healthy and functioning North Saskatchewan River watershed – today and tomorrow.*

**OUR MISSION**

*To protect and improve water quality, water quantity (instream flow) and the health of our watershed by:*

- *Seeking, developing and sharing knowledge;*
- *Facilitating partnerships and collaborative planning; and,*
- *Working in an adaptive management process.*



**Keep in Touch!**

[water@nswa.ab.ca](mailto:water@nswa.ab.ca)  
[www.nswa.ab.ca](http://www.nswa.ab.ca)  
587 525 6820

FACEBOOK: NorthSaskRiver  
LINKED IN: North Saskatchewan Watershed Alliance  
TWITTER: @NorthSaskRiver  
INSTAGRAM: @north\_sask\_river

Begin forwarded message:

**From:** David Lyttle <[dave@smartsecuritysolutions.ca](mailto:dave@smartsecuritysolutions.ca)>  
**Date:** September 10, 2020 at 3:32:35 PM MDT  
**To:** [jason@onoway.ca](mailto:jason@onoway.ca)  
**Subject:** Estimate

Hi Jason,

Here are the estimates for the Town office, water plant and lift station.

I went with the Dahua brand as it was more cost effective than Hikvision. Dahua also includes a 5 year warranty for parts and 1 year labour warranty.

I went with the 16ch DVR for the town office as it was on sale this month and was lower cost than the 8ch. With double the hard drive.

The Qolsys alarm panel is made by dsc which is what is at the town office and shop. It has the alarm.com feature built in and can be added to your phone as well for notification and remote arm/disarm.

If you have nay questions please feel free to contact me.

Thank you,

Dave

David Lyttle  
**Smart! Security Solutions Inc.**  
780-991-8822  
[www.smartsecuritysolutions.ca](http://www.smartsecuritysolutions.ca)



Smart! Security Solutions Inc.

RR 3 Site 303 Comp 2  
 Onoway, AB T0E 1V0

# Estimate

Date	Estimate #
8/31/2020	62

Name / Address
Town of Onoway Box 540 Onoway, AB T0E-1V0

Project

Description	Qty	Rate	Total
Lift Station			
Dahua 4ch HD DVR with 2TB Hard Drive	1	399.00	399.00
Dahua 5MP Camera	4	129.00	516.00
Dahua Camera Wall Mount	4	29.00	116.00
HD Video Baluns	4	25.00	100.00
4ch Camera Power Supply	1	25.00	25.00
Installation and Programming	1	640.00	640.00
Qolsys Alarm Panel with GSM Communicator and Alarm.com	1	600.00	600.00
1 Door Contacts and 1 Motion Detector			
Annual Monitoring with Alarm.com	12	45.00	540.00
GST on sales		5.00%	146.80
		<b>Total</b>	<b>\$3,082.80</b>



Smart! Security Solutions Inc.

RR 3 Site 303 Comp 2  
 Onoway, AB T0E 1V0

# Estimate

Date	Estimate #
8/31/2020	61

Name / Address
Town of Onoway Box 540 Onoway, AB T0E-1V0

Project

Description	Qty	Rate	Total
Water Plant			
Dahua 4ch HD DVR with 2TB Hard Drive	1	459.00	459.00
Dahua 5MP Camera	4	129.00	516.00
Dahua Camera Wall Mount	4	29.00	116.00
HD Video Baluns	4	25.00	100.00
4ch Camera Power Supply	1	25.00	25.00
Installation and Programming	1	640.00	640.00
Qolsys Alarm Panel with GSM Communicator and Alarm.com	1	655.00	655.00
2 Door Contacts and 1 Motion Detector			
Annual Monitoring with Alarm.com	12	45.00	540.00
GST on sales		5.00%	152.55
		<b>Total</b>	<b>\$3,203.55</b>

63

Smart! Security Solutions Inc.

RR 3 Site 303 Comp 2  
Onoway, AB T0E 1V0

# Estimate

Date	Estimate #
8/31/2020	60

Name / Address
Town of Onoway Box 540 Onoway, AB T0E-1V0

Project

Description	Qty	Rate	Total
Town Office			
Dahua 16ch HDDVR with 4TB Hard Drive	1	679.00	679.00
Dahua 5MP Camera	4	129.00	516.00
Dahua Camera Wall Mount	4	29.00	116.00
HD Video Baluns	4	25.00	100.00
4Ch Camera Power Supply	1	25.00	25.00
Cable and Connectors	1	75.00	75.00
Installation and Programming	1	640.00	640.00
GST on sales		5.00%	107.55
<b>Total</b>			<b>\$2,258.55</b>

GST/HST No.

803747195

164

# 4K Penta-brid HDCVI DVR

16-Channel 1U Digital Video Recorder with IoT Support



- 4K at 7 fps Recording Resolution on All HDCVI Channels
- Dual-stream Video Recording
- Smart H.265+ and H.264 Dual Codec
- Auto-detection and Auto-configuration of Video Inputs
- 16 + 16 IP Camera Channels, each channel up to 8 MP
- Maximum 128 Mbps Incoming Bandwidth
- Smart Search and Intelligent Video System
- Internet of Things (IoT) and Point of Sale (POS) Support
- Spot Output
- Five-year Warranty\*



## Internet of Things (IoT) Support

The HDCVI DVR integrates with HDCVI IoT devices to support multi-dimensional surveillance. This device records sensor data as well as the video from HDCVI IoT devices and can generate a detailed report based on the data.

## Spot Output

The HDCVI DVR provides a spot output channel for a secondary monitor. This monitor allows the operator to view one monitor that is assigned to selected cameras or video inputs from high-security areas.

## Point of Sale (POS)

Ideal for grocery and retail stores, the optional POS solution allows the HDCVI DVR to receive a POS transaction via corresponding video. This feature allows merchants to analyze specific transactions via the Fuzzy Search Algorithm.

## Smart Fan Design

The HDCVI DVR automatically turns on or turns off the fan according to the CPU temperature. This function reduces fan noise and helps to conserve electricity.

## Intelligent Video System (IVS)

IVS is a built-in video analytic algorithm that delivers standard intelligent functions to monitor a scene for Tripwire violations, intrusion detection, and abandoned or missing objects. IVS quickly and accurately responds to monitoring events in a specific area.

## Face Detection

This technology identifies human faces in digital images and then searches a database to identify the individual in the image.

## Smart Search

Smart Search allows an operator to specify a region in the playback video to search for a motion detection event, saving time and manpower.

## System Overview

The X72A Series HDCVI DVR offers 4K recording on each HDCVI channel and a host of advanced features and functions. The X72A takes advantage of HDCVI technology for easy integration into existing video surveillance systems while leveraging existing networks, cabling, and cameras. Penta-brid access technology seamlessly records video from HDCVI, AHD, TVI, CVBS, and IP sources simultaneously on each channel.

The X72A utilizes the Smart H.265+ Codec to significantly improve encoding efficiency and to reduce bandwidth and storage costs. In addition to the advanced codec, the X72A series supports Internet of Things (IoT) functionality and Point of Sale (PoS) integration. This recorder is the ideal solution for actively monitoring and recording video feeds in a wide range of applications including public venues, retail stores, transportation hubs and access ways, personal property and homes, and educational institutions.

## Functions

### Smart H.265+

Smart H.265+ is the optimized implementation of the H.265 codec that uses a scene-adaptive encoding strategy, dynamic GOP, dynamic ROI, flexible multi-frame reference structure and intelligent noise reduction to deliver high-quality video without straining the network. Smart H.265+ technology reduces bit rate and storage requirements by up to 90% when compared to the H.264 video compression standard.

### 4K Resolution

The HDCVI DVR records 4K resolution on each HDCVI and IP channel. 4K is a revolutionary breakthrough in image processing technology. 4K delivers four times the resolution of standard HDTV 1080p cameras and offers superior picture quality and image details. 4K resolution improves the clarity of a magnified scene to view or record crisp forensic video from large areas.

### HDCVI/AHD/TVI/CVBS Auto-detect

The HDCVI DVR automatically recognizes the incoming signals of each attached camera without any setup, making installation easy and operation convenient.



**Technical Specification**

**System**

**Main Processor** Embedded Processor

**Operating System** Embedded LINUX

**Interface**

**Analog Camera Input** 16 Channels, BNC

**HDCVI** 8 MP, 5 MP, 6 MP, 4 MP, 1080p at 30 fps, 720p at 60 fps, 720p at 30 fps

**AHD** 5 MP, 4 MP, 3 MP, 1080p at 30 fps, 720p at 30 fps

**TVI** 5 MP, 4 MP, 3 MP, 1080p at 30 fps, 720p at 30 fps

**CVBS** NTSC

**IP Camera Input** 16+16 Channels, each channel up to 8 MP

**Audio** Input: Four (4) Channels, RCA  
Output: One (1) Channel, RCA

**Two-way Talk** Reuse Audio In/Out, RCA

**Recording**

**Compression** Smart H.265+, H.265, Smart H.264+, H.264

**Recording Resolution** 8 MP, 6 MP, 5 MP, 4 MP, 3 MP, 4 M-N (1280 x 1440), 1080p, 720p, 960H, D1, CIF

**Record Rate**  
**Main Stream** 8 MP at 7 fps, 6 MP at 10 fps, 5 MP at 12 fps, 4 MP or 3 MP at 15 fps, 4 M-N, 1080p, 720p, 960H, D1, CIF or QCIF at 30 fps

**Sub Stream** 960H at 15 fps; D1 or CIF at 30 fps

**Maximum Incoming Bandwidth** 128 Mbps

**Bit Rate** 32 Kbps to 6144 Kbps per Channel

**Record Mode** Manual, Schedule (Regular, Continuous), MD (Video Detection: Motion Detection, Video Loss, Tampering), Alarm, Stop

**Record Interval** 1 to 60 minutes (default: 60 minutes), Pre-record: 1 to 30 s, Post-record: 10 to 300 s

**Audio Compression** AAC (first channel only), G.711A, G.711U, PCM

**Audio Sample Rate** 8 KHz, 16 bits per Channel

**Audio Bit Rate** 64 Kbps per Channel

**Display**

**Interface** One (1) HDMI (3840 x 2160)  
One (1) VGA (1920 x 1080)

**Spot Output** HDMI or VGA, configurable

**Native Output Resolution** **HDMI** 3840 x 2160, 2560 x 1440, 1920 x 1080, 1280 x 1024, 1280 x 720, 1024 x 768

**VGA** 1920 x 1080, 1280 x 1024, 1280 x 720

**Maximum Decoding** Eight (8) Channels of 4K at 7 fps  
Eight (8) Channels of 6 MP at 10 fps  
Eight (8) Channels of 5 MP at 12 fps  
16 Channels of 4 MP/3 MP at 7 fps  
16 Channels of 4 M-N/1080p at 15 fps  
16 Channels of 720p, 960H at 30 fps

**Multi-screen Display** IP extension mode disabled: 1/4/8/9/16  
IP extension mode enabled: 1/4/8/9/16/25

**On-screen Display** Camera Title, Time, Video Loss, Camera Lock, Motion Detection, Recording

**Fisheye Dewarping** Dewarping modes available via Web Interface or SmartPSS

**Network**

**Interface** One (1) RJ45 (1000 Mbps) Port

**Network Function** HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, P2P, IP Search (Supports Dahua IP cameras, DVRs, NVS)

**Max. User Access** 128 Users

**Mobile Operating System** IOS, Android

**Interoperability** ONVIF 16.12, CGI Conformant

**Video Detection and Alarm**

**Trigger Events** Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips

**Video Detection** Motion Detection, MD Zones: 396 (22 x 18), Video Loss, Tampering and Diagnosis

**Alarm Input** 16 Channels

**Relay Output** Three (3) Channels

**Playback and Backup**

**Playback** 1/4/9/16

**Search Mode** Time/Date, Alarm, MD and Exact Search (accurate to 1 second)

**Playback Function** Play, Pause, Stop, Rewind, Fast Play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, and Digital Zoom

**Backup Mode** USB Device/Network

**Storage**

**Internal HDD** Two (2) SATA Ports, up to 10 TB capacity for each disk

**Auxiliary Interface**

**USB** One (1) USB 2.0 Port and One (1) USB 3.0 Port

**RS485** One (1) Port for PTZ Control

**Electrical**

**Power Supply** 12 VDC, 5 A

**Power Consumption** < 20 W, without HDD

**Construction**

**Dimensions**

**HDCVI DVR** 1U, 375.0 mm x 287.15 mm x 53.0 mm (14.80 in. x 11.31 in. x 2.09 in.)

**with PFH101 Rack Mount Tray** 482.6 mm x 287.15 mm x 53.0 mm (19.0 in. x 11.31 in. x 2.09 in.)

**Net Weight** 1.80 kg (3.97 lb)

**Gross Weight** 3.2 kg (7.05 lb)

**Installation** Desktop or Rack-mount

**Environmental**

**Operating Conditions** -10° C to +55° C (+14° F to +131° F), 10% to 90% RH

**Storage Conditions** -20° C to +70° C (-4° F to +158° F), 0% to 90% RH



Third-party Support

**Third-party Support**  
 Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and others

Certifications

**Safety**  
 UL 60950-1  
 EN 60950-1  
 IEC 60950-1

**Electromagnetic Compatibility (EMC)**  
 FCC Part 15 Subpart B  
 EN 61000-3-2  
 EN 61000-3-3  
 EN 55032  
 EN 50130  
 EN 55024

Intelligence

The IVS features are operational only when the additional IP channel feature is not active. The HDCVI DVR supports only IVS or the additional IP channel inputs, both features cannot be in use simultaneously. IVS triggers an alarm and takes a defined action for the following events:

**Premium Features**

<b>Tripwire</b>	A target crosses a user-defined line.
<b>Intrusion</b>	A target enters or exits a defined perimeter.
<b>Abandoned/Missing Object</b>	A target leaves an object in designated area, or a target removes an object from the same designated area.

IVS Feature Availability

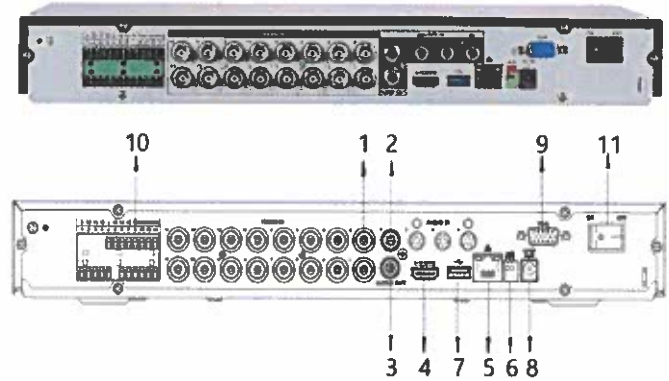
- The HDCVI DVR supports the following IVS availability:
- 16 Analog Channels of Tripwire/Intrusion
  - First Four (4) Analog Channels of Abandoned/Missing Object

Ordering Information

Type	Part Number	Description
16-Channel HDCVI DVR	X72A3A	16-Channel Penta-brid 4K 1U Digital Video Recorder
	X72A3A2	16-Channel Penta-brid 4K 1U, 2 TB Digital Video Recorder
	X72A3A4	16-Channel Penta-brid 4K 1U, 4 TB Digital Video Recorder
	X72A3A6	16-Channel Penta-brid 4K 1U, 6 TB Digital Video Recorder
Accessory, optional	DH-PFH101	Rack Mount Tray 482.60 mm x 281.20 mm x 43.7 mm (19.0 in. x 11.07 in. x 1.72 in.)

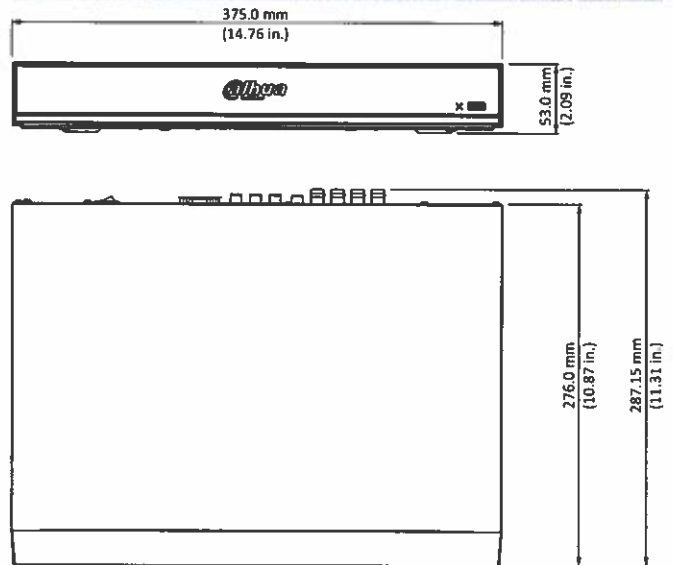
Rear Panel

X72A3A



- |   |                    |    |                 |
|---|--------------------|----|-----------------|
| 1 | Video IN, BNC x 16 | 7  | USB Port        |
| 2 | Audio IN, RCA      | 8  | 12 VDC Power IN |
| 3 | Audio OUT, RCA     | 9  | VGA OUT         |
| 4 | HDMI OUT           | 10 | Alarm IN/OUT    |
| 5 | Network Port       | 11 | Power Switch    |
| 6 | RS485 Port         |    |                 |

Dimensions



# 5MP HDCVI Fixed Eyeball Camera

2.8 mm IR Eyeball Camera



- 1/2.7-in. 5 MP Progressive-scan CMOS Sensor
- 5 MP at 20 fps Maximum Resolution
- 2.8 mm Fixed Lens
- HD or SD Output, Switchable
- Maximum IR Length 30 m (98 ft), Smart IR
- IP67 Ingress Protection
- Five-year Warranty\*



## System Overview

The 5 MP HDCVI camera leverages existing coax infrastructures to deliver forensic-level images seamlessly and over long distances. The camera uses next-generation ISP chip technology developed by Dahua to deliver stunning video and broadcast-quality audio. This home-grown ISP features the latest image processing algorithms and is optimized for surveillance camera operations. With total control of the ISP features and production, Dahua can offer the latest security systems at a cost-effective price.

## Functions

### Three Signals over One Coaxial Cable

HDCVI technology simultaneously transmits video, audio and data over a single coaxial cable. Dual-way data transmission allows the HDCVI camera to communicate with an HCVR to send control signals or to trigger alarms.

### Long Distance Transmission

HDCVI technology guarantees real-time transmission over long distances without loss of video quality. HDCVI cameras provide the same resolution as most IP network camera systems using existing RG-59, RG-6, or CAT 6 UTP cabling.

### Simplicity

HDCVI technology seamlessly integrates traditional analog surveillance systems with upgraded, high-quality HD video, making it the best choice to protect security investments. The plug and play approach enables full HD video surveillance without the hassles of configuring a network.

### Smart IR

The camera is designed with microcrystalline LED IR illumination for low-light performance. Smart IR is a technology to ensure brightness uniformity in black and white images under low illumination. Dahua's unique Smart IR adjusts to the intensity of the camera's infrared LEDs to compensate for the distance of an object, and prevents IR LEDs from overexposing images as the object come closer to the camera.

## Multiple-format Support

The camera supports multiple video formats including, HDCVI, CVBS, AHD, and TVI. The camera can switch between these four formats via the OSD menu or the switch located on the video output cable, making the camera compatible with not only HDCVI DVRs but also most existing HD/SD DVRs.

## Environmental

With a built-in heater and a temperature range of  $-40^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$  to  $+140^{\circ}\text{F}$ ), the cameras are designed for extreme temperature environments. The cameras, subjected to rigorous dust and water immersion tests, are certified to the IP67 rating making them suitable for demanding outdoor applications.

**Technical Specification**

**Camera**

Image Sensor	1/2.7-in. CMOS
Effective Pixels	2592 (H) x 1944 (V), 5 MP
Scanning System	Progressive
Electronic Shutter Speed	1/30 s to 1/100000 s
Minimum Illumination	Color: 0.02 Lux at F1.85 (30 IRE) 0 Lux with IR on
S/N Ratio	More than 65 dB
IR Distance	Up to 30 m (98.04 ft)
IR On/Off Control	Auto, Manual
IR LEDs	12

**Lens**

Lens Type	Fixed Lens / Fixed Iris
Mount Type	Board-In
Focal Length	2.8 mm
Max Aperture	F1.85
Horizontal Angle of View	103°
Close Focus Distance	900 mm (35.43 in.)

**DORI<sup>1</sup> Distance**

Detect (8 ppf)	Observe (19 ppf)	Recognize (38 ppf)	Identify (76 ppf)
63 m (207 ft)	25 m (82 ft)	13 m (43 ft)	6 m (20 ft)

**Installation Angle**

Range	Pan: 0° to 360° Tilt: 0° to 90° Rotation: 0° to 360°
-------	--

**Video**

Resolution	5 MP (2592 x 1944)
Frame Rate	5 MP at 20 fps, 4 MP at 30 fps, 1080p at 30 fps
Video Output	One (1) BNC HDCVI High-definition Channel or One (1) BNC CVBS, AHD or TVI Channel, switchable
RG-59/U Coax	720p: 800 m (2624.67 ft) 1080p: 500 m (1640.42 ft) 4 MP: 500 m (1640.42 ft)
RG-6/U Coax	720p: 1200 m (3937.01 ft) 1080p: 800 m (2624.67 ft) 4 MP: 700 m (2296.59 ft)
CAT 6 UTP (balun required)	720p: 450 m (1476.38 ft) 1080p: 300 m (984.25 ft) 4 MP: 300 m (984.25 ft)
Day/Night	Auto (ICR), Manual
OSD Menu	Multi-language
BLC Mode	BLC, HLC, DWDR
WDR	Digital WDR
Gain Control	AGC
Noise Reduction	2D
White Balance	Auto, Manual
Smart IR	Auto, Manual

**Certifications**

Safety	EN55032, EN55024, EN50130-4 UL60950-1+CAN/CSA C22.2 No. 60950-1
Electromagnetic Compatibility (EMC)	FCC CFR 47 FCC Part 15 Subpart B ANSI C63.4-2014

**Electrical**

Power Supply	12 VDC ±30%
Power Consumption	Maximum 3.6 W (12 VDC with IR on)

**Environmental**

Operating Conditions	-40° C to +60° C (-40° F to +140° F), Less than 95% RH Initiate startup above -40° C (-40° F)
Storage Conditions	-40° C to +60° C (-40° F to +140° F), Less than 95% RH
Ingress Protection	IP67

**Construction**

Casing	Aluminum
Dimensions	ø93.40 mm x 79.40 mm (ø3.68 in. x 3.13 in.)
Net Weight	0.28 kg (0.62 lb)
Gross Weight	0.38 kg (0.84 lb)

1. The DORI distance is a measure of the general proximity for a specific classification to help pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specifications and lab test results according to EN 62676-4, the standard that defines the criteria for the Detect, Observe, Recognize and Identify classifications.  
2. Transmission distance results verified by real-scene testing in Dahua's test laboratory. Actual transmission distances may vary due to external influences, cable quality, and wiring structures.

(69)



**Ordering Information**

Type	Part Number	Description
5 MP HDCVI Camera	A511K02	5 MP HDCVI 2.8 mm Eyeball Camera, Smart IR
	PFA130-E	Waterproof Junction Box (For use alone)
	PFA13A-E	Junction Box (For use alone)
Accessories, optional	PFA152-E	Pole Mount (For use with PFB204W wall mount)
	PFB204W	Wall Mount (For use alone or with PFA152-E pole mount)
	DH-PFM321D-US	12 VDC, 1 A Power Adapter
	DH-PFM800-4K	4K Passive HDCVI Balun

**Camera Accessories**

Optional:



PFA130-E  
Waterproof  
Junction Box



PFA13A-E  
Junction Box



PFA152-E  
Pole Mount



PFB204W  
Wall Mount



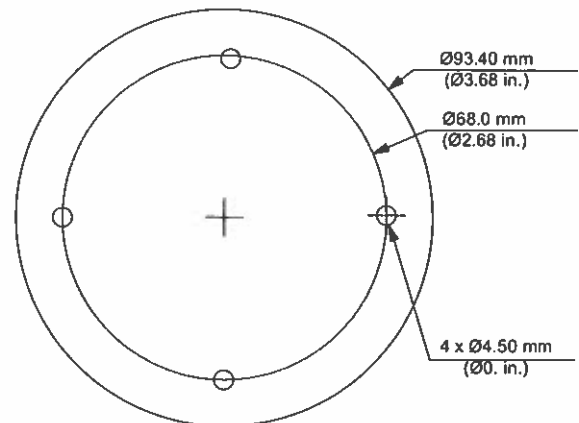
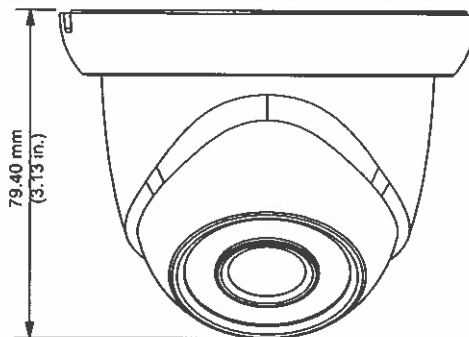
DH-PFM321D-US  
Power Adapter



DH-PFM800-4K  
4K HDCVI Balun

Junction Mount	Pole Mount
PFA13A-E	PFB204W + PFA152-E
Wall Mount	
PFB204W	

**Dimensions (mm/in.) - SMP HDCVI Camera**



August 25, 2020

Town of Onoway  
PO Box 540  
Onoway, AB  
T0E 1V0



**Attention:** Wendy Wildman / Chief Administrative Officer

**RE: ATCO Gas and Pipelines Ltd. Franchise Agreement Clause 5**

Pursuant to Clause 5 of our franchise agreement, the municipality has the ability to change the franchise fee percentage in 2021; this request must be received by ATCO Gas in writing prior to November 1<sup>st</sup>. If you are considering changing the franchise fee in 2021, please contact us as soon as possible to begin the process.

As you are aware, ATCO Gas pays the Town of Onoway a franchise fee. The franchise fee is collected from customers in the community based on a percentage of our Delivery Tariff. In the Town of Onoway, this percentage is 7.50%.

In 2019, our Delivery Tariff revenue in the Town of Onoway was \$343,100. Our forecast Delivery Tariff revenue for 2021 is \$383,894. Therefore, based on the current franchise fee percentage, the forecast 2021 franchise fee revenue would be \$28,792.

We trust you will find this information useful, and, if you have any questions or require anything further, please do not hesitate to contact me at (780) 420-3806 or Paul.Delano@atco.com.

Yours truly,

A handwritten signature in black ink, appearing to read "Paul Delano".

**Paul Delano**  
**Manager, Edmonton**  
**ATCO Natural Gas Division**

2020 budget rev - \$23,000<sup>w</sup>

**ATCO GAS AND PIPELINES LTD. – NORTH RIDER "A"  
 MUNICIPAL FRANCHISE FEE TO ALL RATES AND ANY OTHER RIDERS THERETO**

All charges under the Rates, including any charges under other Riders, to Customers situated within the communities listed on this Rider "A" Municipal Franchise Fee are subject to the addition of the percentage shown. The percentage shown is to be applied as an addition to the billings calculated under the Rates including charges as allowed under other Riders in effect.

Method A. - Applied to gross revenues\*.  
 Method C. - Applied to gross revenues\* and Rider "E".

<u>Municipalities – Method A</u>	<u>%</u>	<u>Effective Date yymmdd</u>	<u>Municipalities – Method A</u>	<u>%</u>	<u>Effective Date yymmdd</u>	<u>Municipalities – Method A</u>	<u>%</u>	<u>Effective Date yymmdd</u>
Alberta Beach	8.00	20/03/01	Hardisty	22.00	18/01/01	Sexsmith	25.00	07/04/24
Alix	12.00	19/01/01	Hines Creek	30.00	05/08/02	Sherwood Park	22.00	10/07/01
Amisk	9.10	00/04/18	Hinton ***	14.60	12/01/01	Silver Beach	20.00	05/03/24
Argentia Beach	0.00	10/07/09	Holden	3.50	14/01/01	Slave Lake	25.50	20/01/01
Bashaw	15.00	04/03/18	Hughenden	10.98	00/07/18	Spirit River	24.00	01/06/18
Beaverlodge	11.50	20/01/01	Hythe	12.00	18/02/01	Spruce Grove	30.00	20/01/01
Bentley	12.00	20/01/01	Innisfree	25.00	08/09/08	St. Albert	20.30	19/01/01
Berwyn	22.00	19/01/07	Irma	20.00	04/10/15	Stony Plain	30.00	18/04/01
Bittern Lake	7.00	18/01/01	Itaska	12.00	04/09/21	Swan Hills	0.00	07/09/12
Blackfalds	35.00	10/01/01	Jasper Muni	17.10	06/09/01	Sylvan Lake	27.00	19/01/01
Bon Accord	25.00	04/11/01	Jasper Ntl Pk	17.10	06/09/01	Thorsby	20.00	14/01/01
Breton	15.00	17/01/01	Kitscoty	10.00	05/09/15	Tofield	10.00	04/05/04
Bruderheim	15.00	16/01/01	Lacombe	24.50	20/01/01	Vegreville	33.00	04/10/12
Camrose	27.00	20/04/01	Lamont	35.00	04/05/10	Vermilion	17.00	19/01/01
Caroline	30.00	19/01/01	Lavoy	16.61	09/10/23	Veteran	6.00	17/01/01
Chipman	0.00	06/05/12	Legal	16.60	06/09/12	Viking	21.51	04/09/26
Clive	16.17	04/05/17	Lloydminster	25.00	08/02/01	Wabamun	15.00	18/06/01
Clyde	9.46	10/05/04	Lougheed	15.00	12/09/17	Warburg	10.00	09/01/01
Cold Lake	13.00	05/11/01	Mannville	25.00	20/01/01	Wembley	25.00	08/07/01
Consort	22.00	04/05/07	Mayerthorpe	12.93	17/01/01	Wetaskiwin	35.00	07/12/17
Coronation	10.05	09/07/14	McLennan	24.00	05/05/19	Whitecourt ***	25.68	20/01/01
Czar	11.84	00/04/27	Millet	22.00	08/01/01			
Donnelly	30.00	05/09/06	Minburn	16.61	16/01/01			
Drayton Valley***	22.00	04/10/22	Mirror	12.60	06/07/13	<u>Municipalities – Method C</u>	<u>%</u>	<u>Effective Date yymmdd</u>
Eckville	20.00	16/03/01	Mundare	23.00	20/04/01	Andrew	9.00	99/11/25
Edgerton	18.00	14/01/01	Nampa	16.84	04/04/22	Eaglesham	5.26	05/06/08
Edmonton	35.00	19/01/01	Onoway	7.50	17/06/02	Fort McMurray	8.70	06/07/04
Edson***	22.35	20/01/01	Oyen	30.00	08/01/17			
Entwistle	17.32	10/02/22	Peace River	29.00	15/01/01			
Fairview	17.31	15/10/01	Point Alison	15.00	07/10/12			
Falher	17.00	20/01/01	Ponoka	20.00	18/02/01			
Ft. Saskatchewan	0.00	04/09/28	Provost	22.00	13/01/01			
Fox Creek	15.00	20/01/01	Red Deer	35.00	17/01/01			
Gibbons	30.00	05/10/01	Rimbey	26.00	18/01/01			
Girouxville	26.00	19/01/01	Rocky Mtn. House	30.00	15/01/01			
Golden Days	25.00	04/06/15	Rycroft	30.00	16/02/10			
Grande Prairie	25.00	06/03/07	Ryley	10.00	16/02/01			
Grimshaw	30.00	12/02/15	Seba Beach	20.00	10/06/03			

\* Gross Revenues are ATCO Gas total charges, less GST.  
 \*\*\* Includes a \$10,000 maximum annual allowable assessment (Max) on any individual metered account.

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Lac Ste. Anne County, Box 219,  
56521 RGE RD 65, Sangudo, AB T0E 2A0  
Telephone: 1-866-880-5722 or  
Fax: 1-780-785-2985

[www.LSAC.ca](http://www.LSAC.ca)

**SUBDIVISION REFERRAL**

**NOTIFICATION of Email Correspondence**

# of Pages EMAILED: 14

Date: September 2, 2020

Re: PROPOSED SUBDIVISION  
Legal: SW 02-55-02 W5M  
Lac Ste. Anne County

FILE #: 010SUB2020

Attached is a copy of a subdivision application form and sketch proposing to subdivide the above land as shown. By this EMAIL we request you submit brief, relevant comments and supporting information, with regard to the subdivision application. Unless we have heard from you, **within 21 days**, we will process the proposal as though you have no objections.

Please email or fax your comments to the undersigned at your earliest convenience.

**Email: Jane Holman,**  
**Planning/Development Clerk**  
[DevReferrals@Lsac.ca](mailto:DevReferrals@Lsac.ca) **OR**

**FAX your response to (780) 785-2985**

**Email: Sarah Gibbs,**  
**Planning/Development Clerk**  
[DevReferrals@Lsac.ca](mailto:DevReferrals@Lsac.ca) **OR**

**FAX your response to (780) 785-2985**

If you have concerns or comments that you wish to discuss with staff, please contact the staff member as indicated below:

**Matthew Ferris**  
**Planning**  
**Development Manager**  
780-785-3411  
Ext.: 3603  
[mferris@Lsac.ca](mailto:mferris@Lsac.ca)

**& Development**  
**Officer**  
780-785-3411  
Ext.: 3691

**Development**  
**Officer**  
780-785-3411  
Ext.: 3684

**Tanya Vanderwell**  
**Development Officer**  
780-785-3411  
Ext.: 3685  
[tvanderwell@Lsac.ca](mailto:tvanderwell@Lsac.ca)



# Subdivision Application

Planning & Development

THIS FORM IS TO BE COMPLETED IN FULL WHEREVER APPLICABLE BY THE REGISTERED OWNER OF THE LAND THAT IS THE SUBJECT OF THE APPLICATION OR BY A PERSON AUTHORIZED TO ACT ON THE REGISTERED OWNERS BEHALF.

NOTE: By providing your email address below, you are hereby consenting to receiving correspondence (including decision) solely by email in relation to this application.

<b>Office Use Only</b>	
File#	010 SUB 2020
Tax Roll#	5502022001 2005
Application Date	Aug 21, 2020
Division	2

**APPLICANT/AGENT INFORMATION**

Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

**LANDOWNER INFORMATION**

Name: LARRY & LINDA MORRILL

This information has been Redacted as per the Freedom of Information and Protection of Privacy Act (FOIP Act)

**LEGAL DESCRIPTION AND AREA OF LAND TO BE SUBDIVIDED**

All/part of: Quarter: SW Section: 2 Township: 55 Range: 2 W of 5th Meridian

All/part of: Lot: 2 Block: 1 Plan: 0728182 5502022001  
5 092664 5502022005  
Rural Address: \_\_\_\_\_ Division: 1 (2) 3 4 5 6 7

**AUTHORIZATION FORM**

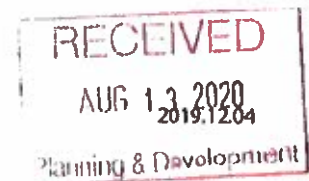
I authorize the Staff of Lac Ste. Anne County and other agencies as designated in Section 653(2) of the Municipal Government Act, R.S.A.2000, to enter my land for the purpose of conducting a site inspection in connection with my SUBDIVISION application and that the information given on this form is full and complete and is, to the best of my knowledge, a true statement of the facts relating to this application for subdivision.

The personal information provided will be used to process the SUBDIVISION application and is collected under the authority of Section 653 of the Municipal Government Act. Personal information you provide may be recorded in the minutes of the Municipal Planning Commission, or otherwise made public pursuant to the provisions of the Freedom of Information and Protection of Privacy (FOIP) Act, including Section 39 through 42 therein. If you have any questions about the collection and use of this information, please contact FOIP Coordinator at Lac Ste. Anne County 1-866-880-5722 56521, RGE RD 65, Lac Ste. Anne County, Box 219, Sangudo, AB T0E 2A0.

This information has been Redacted as per the Freedom of Information and Protection of Privacy Act (FOIP Act)

Applicants Sig: \_\_\_\_\_ Date of Application: July 31/20

Designated use of the land as classified under a land use bylaw or a zoning bylaw or a land use classification guide where applicable: \_\_\_\_\_



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LOCATION OF LAND TO BE SUBDIVIDED:

- 1. The land is situated in the municipality of Lac Ste. Anne County Yes
- 2. Is the land situated immediately adjacent to the municipal boundary? Yes  No   
If YES, the adjoining municipality is Onoway
- 3. Is the land situated within 0.99 miles (1.6km) of the right-of-way of a highway? Yes  No   
If YES, the Highway No. is \_\_\_\_\_
- 4. Is the land situated within 0.5 miles (0.8km) of a (river, stream, watercourse, lake or other permanent body of water, or a canal, or a drainage ditch)? Yes  No   
If YES, State its name \_\_\_\_\_
- 5. Is the proposed parcel within 1.0 miles (1.5km) of a sour gas facility? Yes  No
- 6. Is the land you are developing on within 1/2 mile of land that is or has been used as a municipal landfill for the disposal of garbage or refuse? Yes  No
- 7. Is the land you are developing on within 1/2 mile of land that is or has been used as a municipal sewage treatment facility or sewage lagoon? Yes  No
- 8. Is the land you are developing on within 1/2 mile of land that is or has been used as an intensive livestock operation (Swine, Chicken, Beef, etc.)? Yes  No
- 9. Has the land had a history of flooding? Yes  No

EXISTING AND PROPOSED USE OF LAND TO BE SUBDIVIDED: (Please describe)

- 1. Existing use of the land (crop, hay, etc.): \_\_\_\_\_
- 2. Proposed use of the land (crop, hay, pasture, residential, etc.): Commercial Industrial
- 3. The designated use of the land as classified under a Land Use Bylaw: \_\_\_\_\_
- 4. Number of Parcel(s) being created 2, Type of Parcel(s) being created: \_\_\_\_\_
- 5. Area of Parent Parcel (Acres): 1.5, 1.8, Area of Proposed Parcel (Acres): \_\_\_\_\_  
and lot line adjustment of 0.92669, 1.5

PHYSICAL CHARACTERISTICS OF LAND BEING SUBDIVIDED:

- 1. Describe the nature of the topography of the land (flat, rolling, steep, mixed etc.): \_\_\_\_\_
- 2. Describe the nature of the vegetation and water on the land (brush, shrubs, tree stands, woodlots, sloughs, creeks etc.): \_\_\_\_\_
- 3. Describe the kind of soil on the land (sandy, loam, clay etc.): \_\_\_\_\_

EXISTING BUILDINGS ON THE LAND TO BE SUBDIVIDED:

- 1. Describe any buildings, historical or otherwise, and any structures on the land and whether they are to be demolished or moved: NONE

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1. EXISTING BUILDINGS LOCATED ON THE PROPOSED PARCEL(S):

Describe any buildings, historical or otherwise, and any structures on the land and whether they are to be demolished or moved:

2. EXISTING BUILDINGS LOCATED ON THE REMAINDER OF THE QUARTER-SECTION:

Describe any buildings, historical or otherwise, and any structures on the land and whether they are to be demolished or moved:

REGULATORY REQUIREMENTS FOR SURFACE DEVELOPMENT IN PROXIMITY TO ABANDONED WELLS

New subdivision applications, except for lot line adjustments, must include documentation from the Energy Resources Conservation Board (ERCB) identifying the presence or absence of abandoned wells.

1. Obtain the information from ERCB's Abandoned Well Viewer available on the ERCB Website www.aer.ca

2. Abandoned Well Information Include YES [ ] or NO [ ] If No Why Not: \_\_\_\_\_

If an abandoned gas or oil well is identified on the land that is subject (the quarter section) of the subdivision application, the applicant must include a map that shows the actual well location, as identified in the field, and the setback established in ERCB Directive 079 in relation to existing or proposed building sites.

To obtain clarification about the information provided by the Abandoned Well Viewer, or if you do not have internet access, contact ERCB Customer Contact Centre by Telephone at 1-855-297-8311 or by email at inquires@aer.ca or contact Information Services by mail at ERCB, Suite 1000, 250 - 5 Street SW, Calgary, AB T2P 0R4

CONSENT TO REZONING OF THE PROPERTY

If my (our) application is approved, I, \_\_\_\_\_, being the registered owner(s) of the presiding application, do so consent to the rezoning of Quarter: \_\_\_\_\_ Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_ W of 5th Meridian to a more suitable district (i.e.: Country residential). Further, if the property is under contract for sale I (we), will be responsible to notify all potential buyers of the rezoning process, prior to the registration of said subdivision or after registration of the subdivision plan and prior to bylaw approval.

Registered Landowner Signature

Registered Landowner Signature

Date of Application

Time Extension Agreement

I, \_\_\_\_\_ agree to enter into an agreement with Lac Ste. Anne County to extend the legislated subdivision processing time limit for a period for 30 days (90 days instead of 60 days) for decision.

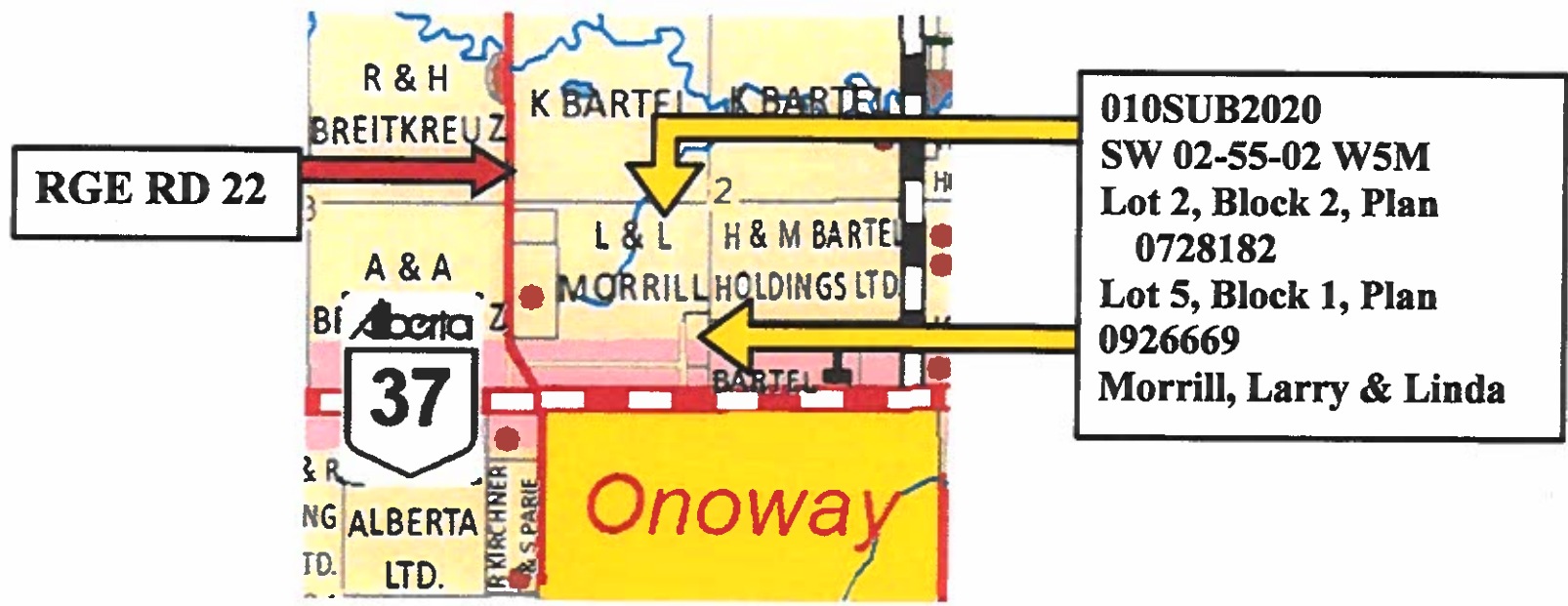
Applicant(s) Signature

Applicant(s) Signature

Date of Application

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LOCATION SKETCH  
LAC STE. ANNE COUNTY  
SUBDIVISION APPLICATION 010SUB2020



SCANNED  
AUG 24 2020





8/24/2020

77



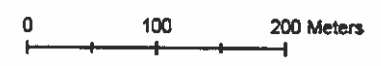
# Proposed Subdivision Lac Ste. Anne County



-  Proposed Parcel
-  Building Pocket
-  Pipeline Right-Of-Ways
-  Setback from Watercourse (40 metres)



1 centimeter = 50 meters

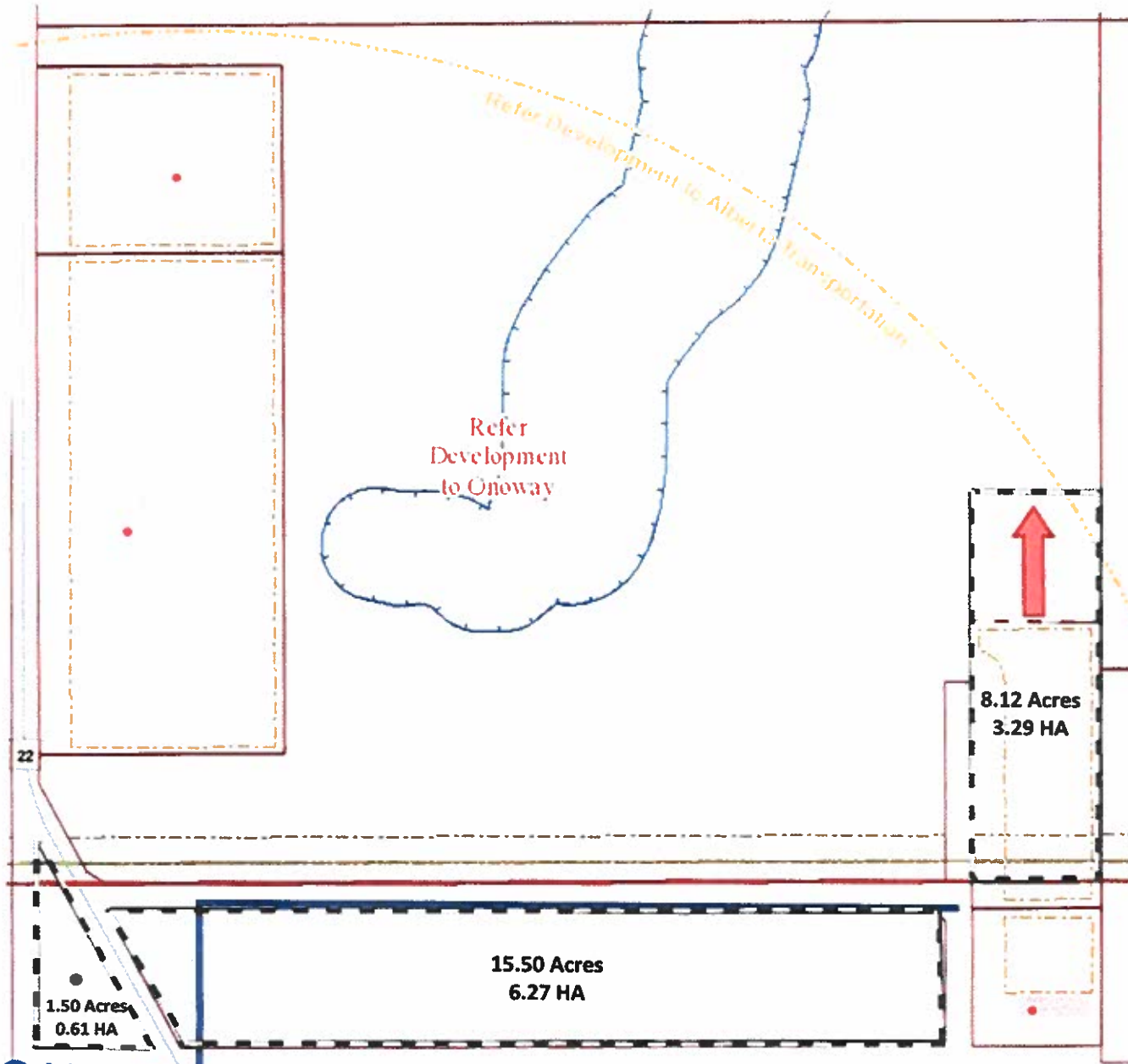






All Dimensions to be verified by an Alberta Land Surveyor  
ECE boundaries to be determined by field survey of stream bank

SCANNED  
AUG 24 2020

78

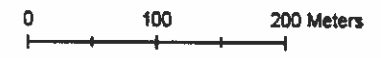
# Proposed Subdivision Lac Ste. Anne County



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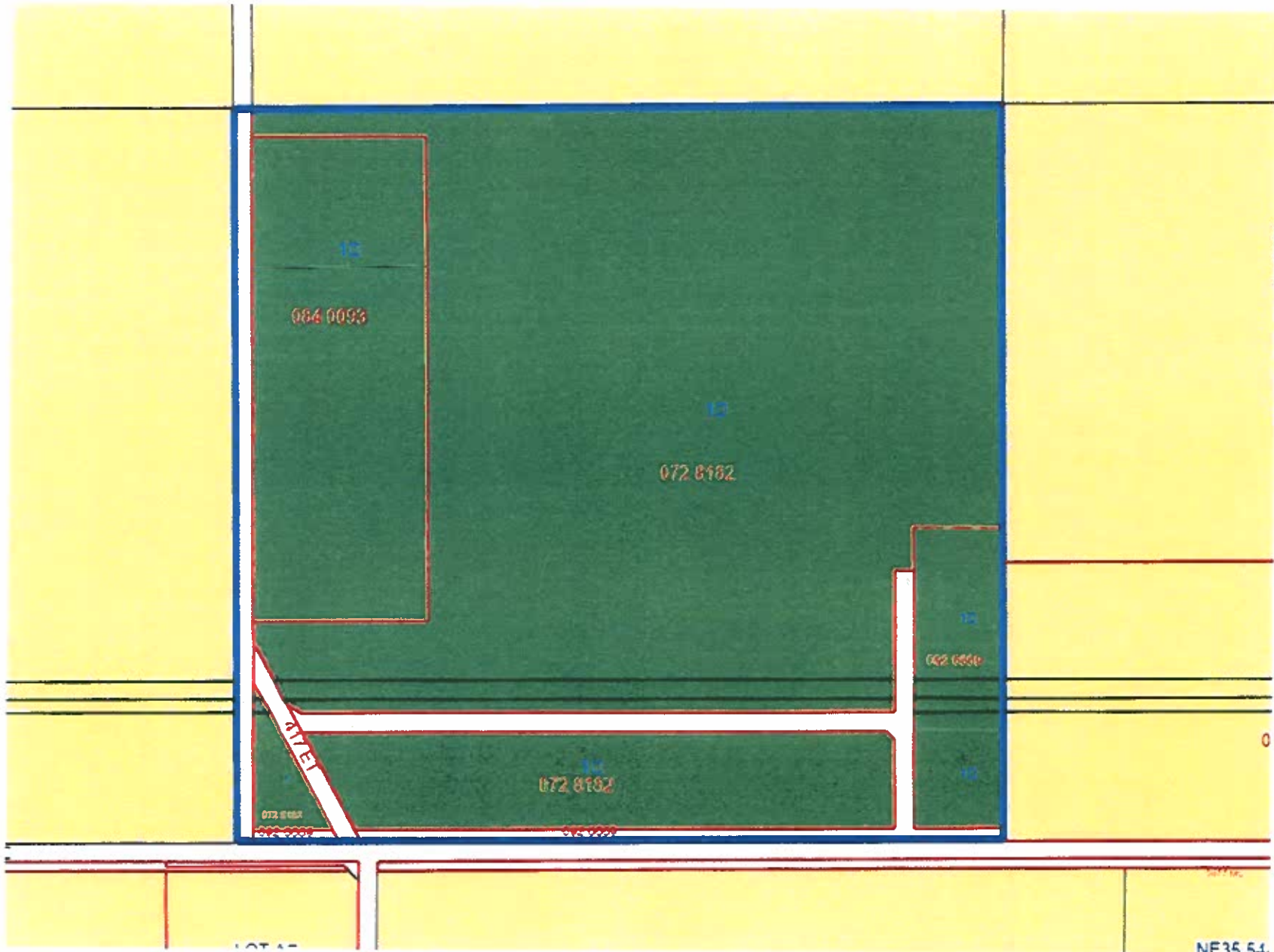


All Dimensions to be verified by an Alberta Land Surveyor  
ECE boundaries to be determined by field survey of stream banks

SCANNED  
AUG 24 2020

79

AUG 24 2020



SCANNED  
AUG 24 2020

NE35 54

80



SCANNED

AUG 24 2020

LAND TITLE CERTIFICATE

S

LINC

SHORT LEGAL

TITLE NUMBER

0033 951 278

0728182;1;2

092 212 493 +2

LEGAL DESCRIPTION

DESCRIPTIVE PLAN 0728182

BLOCK 1

LOT 2

CONTAINING 53.86 HECTARES (133.09 ACRES) MORE OR LESS

EXCEPTING THEREOUT:

HECTARES (ACRES) MORE OR LESS

A) PLAN 0926669 SUBDIVISION 5.913 14.61

EXCEPTING THEREOUT ALL MINES AND MINERALS

ATS REFERENCE: 5;2;55;2;SW

ESTATE: FEE SIMPLE

MUNICIPALITY: LAC STE. ANNE COUNTY

REFERENCE NUMBER: 072 549 853

-----  
REGISTERED OWNER(S)  
REGISTRATION      DATE (DMY)      DOCUMENT TYPE      VALUE      CONSIDERATION  
-----

092 212 493      25/06/2009      SUBDIVISION PLAN

OWNERS

LARRY MORRILL

AND

LINDA MORRILL

BOTH OF:

BOX 280

ONOWAY

ALBERTA T0E 1V0

AS JOINT TENANTS

( CONTINUED )

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ENCUMBRANCES, LIENS & INTERESTS

PAGE 2  
# 092 212 493 +2

REGISTRATION

NUMBER	DATE (D/M/Y)	PARTICULARS
2389MK	10/10/1961	UTILITY RIGHT OF WAY GRANTEE - PEMBINA PIPELINE CORPORATION. 3800, 525-8 AVENUE SW CALGARY ALBERTA T2P1G1 "DISC. EX. 2.95 ACS-R/W PL. 3676MC REG# 6905MN, TAKES PRIORITY DATE OF CAVEAT NO. 392MK" (DATA UPDATED BY: CHANGE OF NAME 992288170) (DATA UPDATED BY: CHANGE OF ADDRESS 122192970)
5445RE	24/01/1969	UTILITY RIGHT OF WAY GRANTEE - PEMBINA PIPELINE CORPORATION. 3800, 525-8 AVENUE SW CALGARY ALBERTA T2P1G1 "DIS. EX. PT. DESC. ON PLAN 416RS REG#1533RM" (DATA UPDATED BY: CHANGE OF NAME 992286864) (DATA UPDATED BY: CHANGE OF ADDRESS 122197785)
752 013 563	13/02/1975	UTILITY RIGHT OF WAY GRANTEE - STE ANNE NATURAL GAS CO-OP LIMITED.
972 159 166	04/06/1997	CAVEAT RE : ROADWAY CAVEATOR - LAC STE. ANNE COUNTY. BOX 219 SANGUDO ALBERTA AGENT - LENARD SZYBUNKA
012 308 894	28/09/2001	ENCROACHMENT AGREEMENT "OVER SW 2-55-2-5" " AFFECTS PART OF THIS TITLE "
072 549 820	12/09/2007	CAVEAT RE : ROADWAY CAVEATOR - LAC STE. ANNE COUNTY. BOX 219 SANGUDO ALBERTA T0E2A0 " AFFECTS PART OF THIS TITLE "
072 549 821	12/09/2007	CAVEAT RE : DEVELOPMENT AGREEMENT PURSUANT TO MUNICIPAL GOVERNMENT ACT CAVEATOR - LAC STE. ANNE COUNTY. BOX 219 SANGUDO ALBERTA T0E2A0

( CONTINUED )

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ENCUMBRANCES, LIENS & INTERESTS

PAGE 3  
# 092 212 493 +2

REGISTRATION  
NUMBER      DATE (D/M/Y)      PARTICULARS  
-----

" AFFECTS PART OF THIS TITLE "

092 212 475    25/06/2009 CAVEAT  
RE : DEFERRED RESERVE  
CAVEATOR - LAC STE. ANNE COUNTY.  
BOX 219  
SANGUDO  
ALBERTA T0E2A0

172 182 363    15/07/2017 UTILITY RIGHT OF WAY  
GRANTEE - WEST INTER LAKE DISTRICT REGIONAL WATER  
SERVICES COMMISSION.

TOTAL INSTRUMENTS: 009

THE REGISTRAR OF TITLES CERTIFIES THIS TO BE AN  
ACCURATE REPRODUCTION OF THE CERTIFICATE OF  
TITLE REPRESENTED HEREIN THIS 24 DAY OF AUGUST,  
2020 AT 09:30 A.M.

ORDER NUMBER:    39964264

CUSTOMER FILE NUMBER:    010SUB2020



\*END OF CERTIFICATE\*

THIS ELECTRONICALLY TRANSMITTED LAND TITLES PRODUCT IS INTENDED  
FOR THE SOLE USE OF THE ORIGINAL PURCHASER, AND NONE OTHER,  
SUBJECT TO WHAT IS SET OUT IN THE PARAGRAPH BELOW.

THE ABOVE PROVISIONS DO NOT PROHIBIT THE ORIGINAL PURCHASER FROM  
INCLUDING THIS UNMODIFIED PRODUCT IN ANY REPORT, OPINION,  
APPRAISAL OR OTHER ADVICE PREPARED BY THE ORIGINAL PURCHASER AS  
PART OF THE ORIGINAL PURCHASER APPLYING PROFESSIONAL, CONSULTING  
OR TECHNICAL EXPERTISE FOR THE BENEFIT OF CLIENT(S).

(83)



SCANNED  
AUG 24 2020

LAND TITLE CERTIFICATE

S			
LINC	SHORT LEGAL	TITLE NUMBER	
0033 951 294	0926669;1;5	092 212 493 +1	

LEGAL DESCRIPTION  
 PLAN 0926669  
 BLOCK 1  
 LOT 5  
 EXCEPTING THEREOUT ALL MINES AND MINERALS  
 AREA: 2.154 HECTARES (5.32 ACRES) MORE OR LESS

ESTATE: FEE SIMPLE  
 ATS REFERENCE: 5;2;55;2;SW

MUNICIPALITY: LAC STE. ANNE COUNTY

REFERENCE NUMBER: 072 549 853

REGISTERED OWNER(S)				
REGISTRATION	DATE(DMY)	DOCUMENT TYPE	VALUE	CONSIDERATION
092 212 493	25/06/2009	SUBDIVISION PLAN		

OWNERS

LARRY MORRILL

AND

LINDA MORRILL

BOTH OF:

BOX 280

ONOWAY

ALBERTA T0E 1V0

AS JOINT TENANTS

ENCUMBRANCES, LIENS & INTERESTS

REGISTRATION	DATE (D/M/Y)	PARTICULARS
2389MK	10/10/1961	UTILITY RIGHT OF WAY GRANTEE - PEMBINA PIPELINE CORPORATION. 3800, 525-8 AVENUE SW

( CONTINUED )

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-----  
ENCUMBRANCES, LIENS & INTERESTS

PAGE 2  
# 092 212 493 +1

REGISTRATION

NUMBER DATE (D/M/Y) PARTICULARS

-----

CALGARY  
ALBERTA T2P1G1  
"DISC. EX. 2.95 ACS-R/W PL. 3676MC REG# 6905MN,  
TAKES PRIORITY DATE OF CAVEAT NO. 392MK"  
(DATA UPDATED BY: CHANGE OF NAME 992288170)  
(DATA UPDATED BY: CHANGE OF ADDRESS 122192970)

5445RE 24/01/1969 UTILITY RIGHT OF WAY  
GRANTEE - PEMBINA PIPELINE CORPORATION.  
3800, 525-8 AVENUE SW  
CALGARY  
ALBERTA T2P1G1  
"DIS. EX. PT. DESC. ON PLAN 416RS REG#1533RM"  
(DATA UPDATED BY: CHANGE OF NAME 992286864)  
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752 013 563 13/02/1975 UTILITY RIGHT OF WAY  
GRANTEE - STE ANNE NATURAL GAS CO-OP LIMITED.

972 159 166 04/06/1997 CAVEAT  
RE : ROADWAY  
CAVEATOR - LAC STE. ANNE COUNTY.  
BOX 219  
SANGUDO  
ALBERTA  
AGENT - LENARD SZYBUNKA

072 549 820 12/09/2007 CAVEAT  
RE : ROADWAY  
CAVEATOR - LAC STE. ANNE COUNTY.  
BOX 219  
SANGUDO  
ALBERTA TOE2A0  
" AFFECTS PART OF THIS TITLE "

072 549 821 12/09/2007 CAVEAT  
RE : DEVELOPMENT AGREEMENT PURSUANT TO MUNICIPAL  
GOVERNMENT ACT  
CAVEATOR - LAC STE. ANNE COUNTY.  
BOX 219  
SANGUDO  
ALBERTA TOE2A0  
" AFFECTS PART OF THIS TITLE "

092 212 475 25/06/2009 CAVEAT  
RE : DEFERRED RESERVE  
CAVEATOR - LAC STE. ANNE COUNTY.  
BOX 219  
SANGUDO

( CONTINUED )

85



ENCUMBRANCES, LIENS & INTERESTS

PAGE 3  
# 092 212 493 +1

REGISTRATION  
NUMBER      DATE (D/M/Y)      PARTICULARS

ALBERTA T0E2A0

102 232 461    06/07/2010 CAVEAT  
RE : AGREEMENT CHARGING LAND  
CAVEATOR - CENTRAL ALBERTA RURAL ELECTRIFICATION  
ASSOCIATION LIMITED.  
5803-42 STREET, BOX 6199  
INNISFAIL  
ALBERTA T4G1S8

TOTAL INSTRUMENTS: 008

THE REGISTRAR OF TITLES CERTIFIES THIS TO BE AN  
ACCURATE REPRODUCTION OF THE CERTIFICATE OF  
TITLE REPRESENTED HEREIN THIS 24 DAY OF AUGUST,  
2020 AT 09:30 A.M.

ORDER NUMBER:    39964264

CUSTOMER FILE NUMBER:    010SUB2020



\*END OF CERTIFICATE\*

THIS ELECTRONICALLY TRANSMITTED LAND TITLES PRODUCT IS INTENDED  
FOR THE SOLE USE OF THE ORIGINAL PURCHASER, AND NONE OTHER,  
SUBJECT TO WHAT IS SET OUT IN THE PARAGRAPH BELOW.

THE ABOVE PROVISIONS DO NOT PROHIBIT THE ORIGINAL PURCHASER FROM  
INCLUDING THIS UNMODIFIED PRODUCT IN ANY REPORT, OPINION,  
APPRAISAL OR OTHER ADVICE PREPARED BY THE ORIGINAL PURCHASER AS  
PART OF THE ORIGINAL PURCHASER APPLYING PROFESSIONAL, CONSULTING  
OR TECHNICAL EXPERTISE FOR THE BENEFIT OF CLIENT(S).

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