

TOWN OF ECKVILLE - AGENDA

Monday, May 9, 2022

Town Office Council Chambers Eckville, AB 6:00 pm

(Councillors may attend via electronic means)

- 1. CALL TO ORDER** 1.1
- 2. DELEGATIONS/PUBLIC HEARING**
 - 2.1 Delegation – Garrett Vogelaar G.L.V. Travelers Inc. RE: Spray Park Coating Time: 6:00 p.m.
- 3. AGENDA**
 - 3.1 Additional Agenda Items
 - 3.2 Adoption of Agenda
- 4. MINUTES** 4.1 Regular Council Meeting Minutes – April 25, 2022pg. 1-4
- 5. ACTION ITEMS**
 - 5.1 RFD-Town of Eckville Wastewater Treatment Facility Upgrade pg.5-28
 - 5.2 RFD-2022 Operating & Capital Budget – Separate Drop Box Item
- 6. BYLAWS, POLICIES** 6.1
- 7. REPORTS**
 - 7.1 Management Report-May 9, 2022 - Handout
 - 7.2 Financial Report-AP Report April 28 & May 5, 2022 pg.29-30
 - 7.3 Lacombe County Highlights of Council Meeting April 28 pg. 31-32
- 8. COMMITTEE, BOARD REPORTS** 8.1 Lacombe County-CPO Services Final Report pg.33-35
- 9. CORRESPONDENCE, INFORMATION**
 - 9.1 Cenovus regarding nurse practitioner pg.36
 - 9.2 Lacombe County Notice of Decision pg.37-40
- 10.SEMINARS, MEETINGS, SPECIAL EVENTS** 10.1
- 11.CLOSED SESSION** 11.1
- 12.COMMITTEE OF THE WHOLE** 12.1
- 13.ADJOURNMENT** 13.1

TOWN OF ECKVILLE – COUNCIL MINUTES

Monday, April 25, 2022
Eckville Town Office, 5023 – 51 Avenue, Eckville, Alberta

1. Call to Order

1.0 Mayor Ebden called the meeting to order at 6:02 p.m.

Present: Mayor Ebden
Deputy Mayor Engen
Councillor Meyers
Councillor Palm-Fraser
Councillor Phillips
Councillor See
Councillor Thoreson

Absent: None

Staff: CAO, Jack Ramsden
Supervisor Finance & Administration, Darcy Webb

Press: None Present

Gallery: Teresa Beets, Mayor Sunbreaker Cove

2. Delegations/Public Hearings

2.1 Melisa Milne, MNP re: 2021 Audited Financial Statements
Melisa Milne joined the meeting at 6:05 in order to present the unqualified 2021 Town of Eckville Financial Statements and 2021 Town of Eckville Financial Information Return.

5. Action Items

5.1 RFD – Approval of 2021 Audited Financial Statements and 2021 Financial Information Return

Res. 076.2022

Moved by Councillor Palm-Fraser that the Ambulance Reserve in the amount of \$21,642 be allocated to the Fire Fighting Reserve and that this allocation be reflected in the Town of Eckville Audited Financial Statements for the year ending December 31, 2021. **Carried Unanimously.**

Res. 077.2022

Moved by Deputy Mayor Engen that Council approve the Town of Eckville Audited Financial Statements for the year ending December 31, 2021 and the Town of Eckville Audited Financial Information Return for the year ending December 31, 2021 with the adjusted reserve allocation. **Carried Unanimously.**

Melisa Milne left the meeting at 6:45 p.m.

3. Agenda

3.1 Additional Agenda Items
5.2 Helen Posti Appreciation Ceremony
5.3 Minister of Transportation - Letter

- 3.2 Adoption of Agenda
- Res. 078.2022** Moved by Councillor See that the agenda be adopted with the additions. **Carried Unanimously.**
- 4. Minutes**
- 4.1 Regular Council Meeting Minutes – April 11, 2022
- Res. 079.2022** Moved by Councillor Palm-Fraser that the minutes of the Regular Meeting of Council held Monday, April 11, 2022 be adopted as presented. **Carried Unanimously.**
- 5. Action Items cont.**
- 5.2 Helen Posti Appreciation - Discussion
- Council discussed holding an event to recognize the service of Former Mayor Helen Posti.
- 5.3 Minister of Transportation – Letter re: Sylvan Lake Regional Wastewater Commission
- Res. 080.2022** Moved by Councillor Meyers that administration be asked to contact the Minister of Transportation for clarification of his response to Mayor Ebden with respect to the Town of Eckville participating in the Sylvan Lake Regional Wastewater Commission. **Carried Unanimously.**
- 6. Bylaws /Policies**
- 6.1 Bylaw 782-22 Eckville Medical Committee Bylaw
- Res. 081.2022** Moved by Councillor See that Bylaw 782-22 be given third and final reading. **Carried Unanimously.**
- 7. Reports**
- 7.1 Management Report-April 25, 2022
- Res. 082.2022** Moved by Deputy Mayor Engen that the bid for 2022 Street Patching and Paving submitted by Border Paving in the amount of \$55,880 plus GST be accepted. **Carried Unanimously.**
- Res. 083.2022** Moved by Councillor Meyers that the 2022 Strategic Priorities Plan be accepted by Council as presented. **Carried Unanimously.**
- Res. 084.2022** Moved by Councillor Phillips that Garrett Vogelaar, President of G.L.V. Travellers Inc. be invited to attend the next meeting of Council in order to give an overview of the product he is proposing for the surface of the spray park. **Carried Unanimously.**
- Res. 085.2022** Moved by Councillor Palm-Fraser that a budget meeting be scheduled for May 5, 2022 beginning at 5:30 p.m. **Carried Unanimously.**
- 7.2 Financial Report-AP Report April 21, 2022
- 7.3 Lacombe County Highlights of Council Meeting April 14, 2022
- 7.4 Tagish Engineering Update March/April 2022

- 7.5 Animal Control Services March 2022
- Res. 086.2022** Moved by Councillor Meyers that the reports be accepted for information. **Carried Unanimously.**
- 8. Committee & Board Reports**
- 8.1 Councillor See reported on the Arena Board.
- Deputy Mayor Engen gave an update on the Eckville Library along with the Friends of the Library.
- Councillor Thoreson also reported on the Eckville Library.
- Councillor Phillips reported on the Eckville Community Centre and the upcoming Volunteer Appreciation Night.
- Councillor Meyers gave an update on the LREMP Advisory meeting he attended.
- Mayor Ebdon discussed Canada Day events.
- Res. 087.2022** Moved by Councillor See that the Committee and Board Reports be accepted. **Carried Unanimously.**
- 9. Correspondence, Information Items**
- 9.1 None
- 10. Seminars, Meetings, Special Events**
- 10.1 Lacombe County Invitation re: JUPA Seminar
- 10.2 Blackfalds Parade Invitation
- Res. 088.2022** Moved by Councillor See that the Town authorize four representatives to attend the JUPA Seminar hosted by Lacombe County. **Carried Unanimously.**
- Res. 089.2022** Moved by Councillor Meyers that the Mayor and Council be authorized to attend the Village of Clive Parade. **Carried Unanimously.**
- Res. 090.2022** Moved by Councillor Phillips that the Seminars, Meetings and Special Events be accepted for information. **Carried Unanimously.**
- 11. Closed Session**
- 11.1 FOIPP; Section 17 – Disclosure Harmful to Personal Privacy
- Res. 091.2022** Moved by Councillor Meyers that the meeting move into closed session excluding all persons except Council members and CAO in order to discuss an item dealing with Section 17; Disclosure Harmful to Personal Privacy. Time: 9:00 p.m. **Carried Unanimously.**
- Res. 092.2022** Moved by Councillor Phillips that the meeting revert back to open session. Time: 9:10 p.m. **Carried Unanimously.**
- Mayor Ebdon called for a five minute recess. Time: 9:11 p.m.
The meeting reconvened at 9:16 p.m.

Res. 093.2022

Moved by Councillor Meyers that Council approve recommendations from the CAO with respect to promoting the Supervisor, Finance and Administration to the position of Deputy Chief Administrative Officer. **Carried Unanimously.**

12. Committee of the Whole

12.1 None

13. Adjournment

13.1

Res. 094.2022

Mayor Ebdon adjourned the meeting at 9:20 p.m. **Carried Unanimously**

Mayor

CAO

TOWN OF ECKVILLE Request to Council for Decision

Meeting:	Town Council
Meeting Date:	May 9, 2022
Originated By:	Jack Ramsden, CAO
Title:	Town of Eckville Wastewater Treatment Facility Upgrade Feasibility Study

BACKGROUND: Please find attached the long-awaited Wastewater Feasibility Study which was prepared by Stantec Consulting.

DISCUSSION/ALTERNATIVES: We will do a quick review of the report at the May 9th council meeting, so please take a few minutes to familiarize yourselves with the report. This report was meant to provide several different options for upgrading the existing wastewater treatment facility and an "order of magnitude" cost is provided for each option. Once this feasibility study is accepted and approved, we will be sending copies out to several interested parties.

IMPACT ON BUDGET: Should be covered by the 2022 budget.

RECOMMENDED ACTION: That the following motion be presented for consideration:

"That the Town of Eckville Wastewater Treatment Facility Upgrade Feasibility Study prepared by Stantec Consulting be accepted as information."

Prepared By: _____ Approved By:  _____



**Town of Eckville WWTF Upgrade
Feasibility Study**

Prepared for:

Town of Eckville

Prepared by:

Stantec Consulting Ltd.

This document entitled **Town of Eckville WWTF Upgrade Feasibility Study** was prepared by Stantec Consulting Ltd. ("Stantec") for the account of Village of Caroline (the "Client"). Any reliance on this document by any third party is strictly prohibited. The material in it reflects Stantec's professional judgment in light of the scope, schedule and other limitations stated in the document and in the contract between Stantec and the Client. The opinions in the document are based on conditions and information existing at the time the document was published and do not take into account any subsequent changes. In preparing the document, Stantec did not verify information supplied to it by others. Any use which a third party makes of this document is the responsibility of such third party. Such third party agrees that Stantec shall not be responsible for costs or damages of any kind, if any, suffered by it or any other third party as a result of decisions made or actions taken based on this document.

Prepared by _____

(signature)

Johnny Ke, M.Sc., P.Eng.

Reviewed by _____

(signature)

Stephan Weninger

Approved by _____

(signature)

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1.0 INTRODUCTION

The Town of Eckville (the Town) is located 50 km west of City of Red Deer. The Town has had a stable population of approximately 1,200 people over the last decade, The Town owns and operates an aerated lagoon-based Wastewater Treatment Facility (WWTF) to treat and dispose the wastewater collected in the Town under the Alberta Environment and Parks (AEP) Environmental Protection and Enhancement Act (EPEA) Approval No. 631-03-00 and its amendments. The wastewater treatment plant discharges treated wastewater effluent twice per year between May 1st and November 30th to the Medicine River via an outfall structure located in the SE-22-39-3-W5.

The EPEA Approval 631-03-00 requires the Town to submit to the Director:

- a) A proposal for a Receiving Water Quality Assessment and Wastewater Treatment Plant Capacity Assessment, OR
- b) An alternative proposal to 3.1.1(a) of connecting the Town's wastewater collection system to the North Red Deer Regional Wastewater System

In response to the two requirements, the Town has retained Stantec to prepare proposals for the Receiving Water Quality Assessment (RWQA) study and capacity assessment and expansion study. Stantec prepared two proposals to cover the two subjects, including a RWQA study proposal and a capacity assessment proposal. The two proposals have been reviewed and approved by AEP. While waiting the results from the RWQA study, which will be considered to develop the future effluent standards, the Town would need to carry out a WWTF expansion feasibility study based on the possible effluent discharge standards.

This report presents the possible effluent discharge standards and the corresponding capacity expansion options that can increase the treatment capacity to meet the possible effluent standards. However, the final decision on the selection of the proposed solutions cannot be finalized before the Receiving Water Quality study is completed.

2.0 REGULATIONS AND EFFLUENT DISCHARGE STANDARDS

2.1 CURRENT DISCHARGE STANDARD

The Town is operating the existing WWTF according to Approval # 631-03-00 under the Alberta Environmental Protection and Enhancement Act (EPEA). The Approval stipulates that the Eckville WWTF shall treat the wastewater collected in the Town to meet the following criteria before it is discharged continuously to the storage cell. The discharge limit only includes the CBOD 25 mg/L as presented in the following table.

TOWN OF ECKVILLE WWTF UPGRADE FEASIBILITY STUDY

Table 2-1 Current Discharge Limit to Storage Cells

Parameter	Limit
CBOD	≤ 25 mg/L monthly arithmetic mean of weekly samples

The treated wastewater in the storage cells is discharged into the Medicine River twice a year between May 1 and Nov 30, with a discharge window of 4 weeks per discharge.

Environment Canada’s *Wastewater Systems Effluent Regulation* (WSER 2016) under the Fisheries Act applies to the twice-a-year discharges. The Eckville WWTF is classified as an intermittent discharging wastewater system with annual average daily volume under 2,500 m³/day. The annual average CBOD concentration in the final effluent, i.e., end of the last lagoon storage cell (also known as “End of Pipe”) samples should be less than 25 mg/L, and TSS should be less than 25 mg/L, except from July to October. The maximum un-ionized ammonia level should be less than 1.25 mg/L. The samples from the final storage effluent should also be tested to pass the acute toxicity tests at a frequency of at least once during the discharge period as defined in WSER.

2.2 FUTURE DISCHARGE CRITERIA

2.2.1 Recent Discharge Standards for Other Municipalities

Recently, several municipalities with aerated lagoon wastewater treatment plants have conducted RWQA studies to determine the discharge standards under AEP’s regulations described in the following Section 2.2.2. The following table presents some of the municipalities’ discharge limits for the regulated parameters and the discharge schedules.

Table 2-2 Recent Discharge Limits Based on Receiving Water Studies

Municipality	City of Camrose	City of Wetaskiwin	Town of Rocky Mountain House	Village in Central Alberta
Current service population	~21,000	~12,800	~7,000	~550
Discharge Limits	cBOD5 20 mg/L TSS 20 mg/L NH3-N 5/10 mg/L TP 1 mg/L <i>E.Coli</i> 200 CFU/100mL Not acutely lethal	cBOD 5 mg/L TSS 15 mg/L NH3-N 2/5 mg/L TP 0.2 mg/L TN 15 mg/L <i>E.coli</i> 126 CFU/100 mL	cBOD 20 mg/L TSS 20 mg/L NH3-N 5/10 mg/L TP 1 mg/L Fecal coli 200CFU/100mL Not acutely lethal	cBOD 20 mg/L TSS 20 mg/L NH3-N 1/5 mg/L TP 0.5 mg/L <i>E.Coli</i> 200 CFU/100mL Not acutely lethal

TOWN OF ECKVILLE WWTF UPGRADE FEASIBILITY STUDY

Municipality	City of Camrose	City of Wetaskiwin	Town of Rocky Mountain House	Village in Central Alberta
		Not acutely lethal		
Receiving water	Camrose Creek to Battle River	Tributary creeks to Battle River	North Saskatchewan River	Local creek
Discharge	Continuous/seasonal	Continuous/seasonal	Continuous	Continuous

* Village cannot be named as the final decision is not yet made and in negotiation.

As indicated in the table, the discharge limits are more stringent than the aerated lagoon discharge limit (cBOD 25 mg/L) which were normally defined in previous AEP approvals. TSS, ammonia and phosphorous are included in addition to the cBOD for the effluent to be discharged to the receiving water. Aerated lagoons are not able to achieve these additional discharge limits. For example, the ammonia is normally high in the wintertime as nitrification is extremely slow when the water temperature is cold in the large lagoon cells. For phosphorous, the aerated lagoon basically cannot remove any as the biological phosphorous process is difficult to create in a lagoon system with large lagoon cells. As a result, these municipalities are undertaking significant facility upgrades, or planning mechanical plants to meet the discharge limits resulting from the receiving water studies.

Note that the discharge limits presented in the above table imply that the limits are not related to the municipalities' population or sizes. One example is that the discharge limit values for the small village with a population of 500 are more stringent than for the City of Camrose. As per the regulations, these limits are determined by the receiving waters' flows, baseline quality, dilution capacity and local watershed environmental quality objectives.

2.2.2 Discharge Standards for Eckville WWTP Projections

The current Approval stipulates that the Town shall conduct a *Receiving Water Quality (RWQ) Study* and *Wastewater Treatment Plant Capacity Assessment Study* to determine if the existing Eckville WWTF has the capacity to treat the wastewater to meet the *Environmental Quality Objectives (EQOs)* and *Effluent Discharge Objectives (EDOs)*, which are defined in the Canadian Council of Ministers of the Environment (CCME) *Canada-wide Strategy for the Management of Municipal Wastewater Effluent* and AEP's *Water Quality Based Effluent Limits Procedures Manual*. The study results will determine if an upgrade is needed to improve the existing WWTF. The Town planned to conduct the RWQA study, and the results should be available at the end of 2024. The Approval also gives the Town another option to conduct a feasibility study on connecting to the Sylvan Lake Regional Wastewater Line.

It is expected that the RWQ study will evaluate the following possible scenarios:

Scenario 1: Intermittent discharge with the current treatment level

If the RWQ study might determine that the current 25 cBOD mg/L as in Table 2-1 is sufficient to meet the EQOs and EDOs, the existing technology i.e. aerated lagoon with half a year storage wastewater treatment plant will be able to treat the flows for the next 25 years. However, the "end of the pipe" effluent needs to meet the 1.25 mg/L non-ionized ammonia limit and the TSS 25 mg/L with exemptions as regulated in WSER.

TOWN OF ECKVILLE WWTF UPGRADE FEASIBILITY STUDY

WSER also stipulates that the samples taken from the discharge effluent shall pass the acute toxicity tests as per the test procedure defined in WSER. Note that WSER applies to all the scenarios.

Scenario 2: Continuous discharge with higher level of treatment

The RWQ study might find that the effluent from the WWTP can be discharged continuously to the Medicine River as the discharge effluent impact on the receiving environment is negligible if the effluent can meet the limits as presented in Table 2-3.

Table 2-3 Possible Discharge Criteria for Scenario 2

Parameter	Less Stringent Limit	More stringent Limit
cBOD	25 mg/L	20
TSS	25 mg/L	20
NH3-N	5(summer) /10 (winter) mg/L	3(summer)/5(winter)
Total phosphorus	1 mg/L	0.5 mg/L
Unionized Ammonia -N	1.25 mg/L	1.25 mg/L
Acute Toxicity Test	Pass	Pass
E.coli	200 CFU/100 ml	200 CFU/100 ml

Notes:

1. cBOD, TSS, NH3-N, TP values are monthly arithmetic means of weekly samples
2. Unionized NH3-N value is the maximum value of all samples taken
3. E.coli value is the monthly geometric mean of weekly samples
4. Summer refers to Jun to October, Winter refers to November to May

Scenario 3: Intermittent discharges with higher level of treatment.

This scenario will be the worst case. If the Medicine River flow is extremely low in Winter season, a certain amount of storage volume after the treatment process will be required to hold the treated effluent for a certain amount of time before it can be released. Most likely, twice a year discharge schedule is permitted, e.g., the discharge can be continuous in summertime and winter storage is required. The treated effluent will be stored up to 5 months and will be discharged when there is sufficient flow in the Medicine River for 10:1 dilution (Scenario 3A). As requested by the Town, the extreme condition, that is once a year discharge is also investigated in the scenario as Scenario 3B.

3.0 EXISTING SYSTEM REVIEW

3.1 EXISTING AERATED LAGOON

The wastewater treatment facility in the Town is an aerated lagoon system, which consists of an anaerobic cell, a complete mixing cell, a partial mixing cell and two storage cells. The important parameters on the cells are listed in Table 1.

Table 3-1 Eckville WWTF Parameters

Cell #	Cell name	Water Depth (m)	Volume (m ³)	Aerators	Year of Construction
1	Anarobic Cell	3	945	-	1996
2	Complete Mixing Cell	5	1,995	3 X 5 HP	1996
3	Partial Mixing Cell	5	13,635	6 X 2 HP	1996
4	Storage Cell	1.2	43,000	-	1976
5	Storage Cell	2.4	57,000	-	1976

The existing aeration system was installed in 1996. As shown in Table 1, there are three (3) 5 HP Air-O₂ Aspiration Aerator installed in Cell #2 (complete mixing cell) and six (6) 2 HP Air-O₂ Aspiration Aerator in Cell# 3 (partial mixing cell). These Aerators are grid-power driven and controlled through a control panel located in an on-shore electrical building.

The per unit volume power inputs of the Aerators to the complete mixing cell and partial mixing cell are 5.7 W/m³ and 0.7 W/m³, respectively. These values are slightly lower than the commonly used ones (6 W/m³ for complete mixing and 1 W/m³ for partial mixing).

Under the current AEP approval, the aerated lagoon system is allowed to discharge its treated water to the Medicine River twice a year, during May 1st to November 30th of the year. Each discharge period shall be no longer than four weeks.

Influent BOD, TSS and volume are sampled in the east sewage lift station (Lift Station No.2) in the Town. Weekly treated water samples are collected at the Partial Mixing Cell to Storage Cell overflow manhole for BOD and TSS monitoring. In addition to the treated water samplings, seepage sampling is required and collected once a year for seepage control monitoring purposes.

3.2 EXISTING SYSTEM PERFORMANCE

The test reports from the last five years (2017-2021) have been reviewed and plotted as the following figures.

TOWN OF ECKVILLE WWTF UPGRADE FEASIBILITY STUDY

Figure 1 Monthly Treated Effluent CBOD

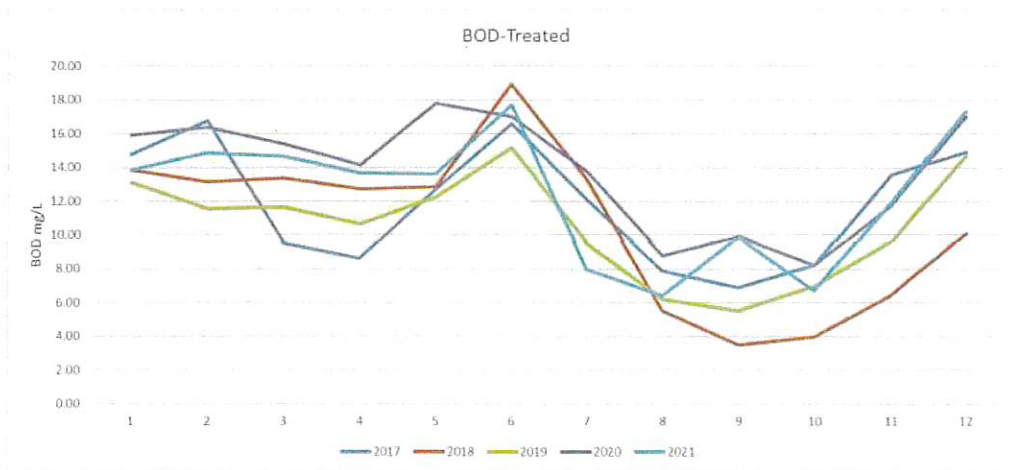
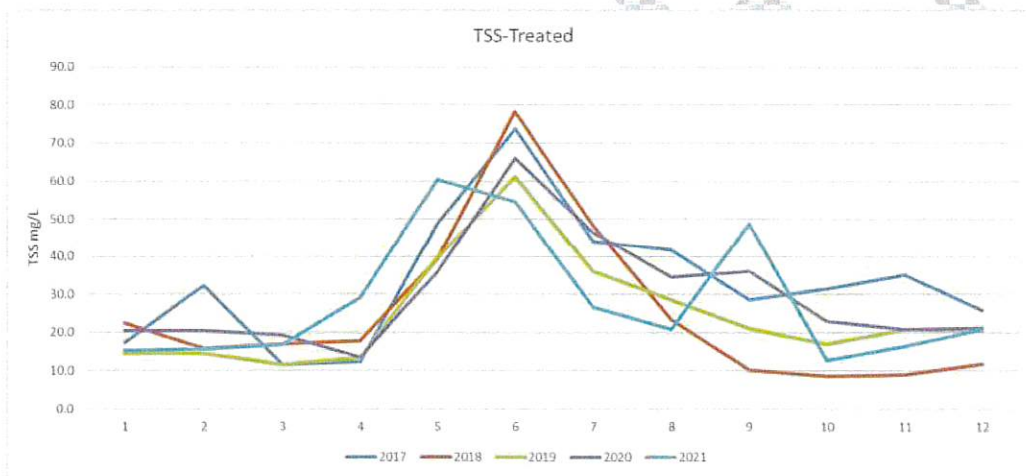


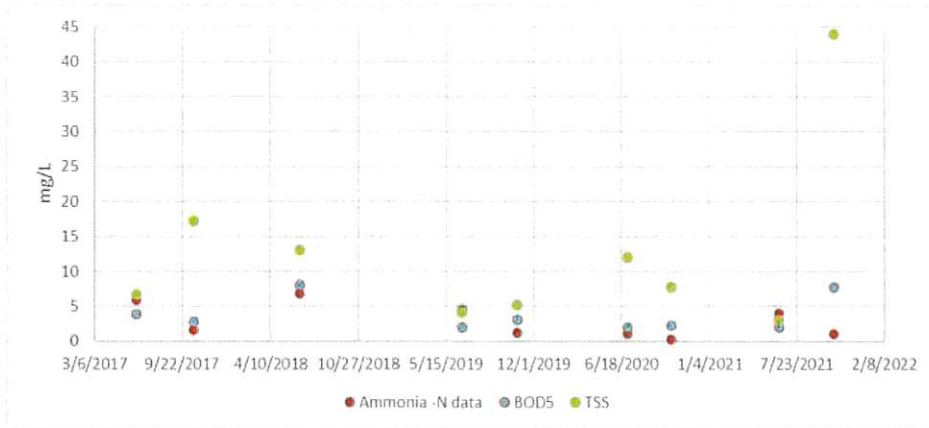
Figure 2 Monthly Treatment Effluent TSS



As presented in Figure 1, the treated wastewater discharged from the aerated cells to the storage cells meets the EPEA CBOD limit, i.e. 25 mg/L. The TSS readings are typical from a lagoon system. In cold weather season, the TSS levels range from 8-35 mg/L. In warm season, the readings can vary from 30 to 80 mg/L, mainly due to algae growth.

The Town also took samples in the twice-a-year discharge flows going into the Medicine River. The samples were analyzed for TSS, BOD, pH, ammonia (total and calculated unionized ammonia) and Lethal Concentration (LC50) actual toxicity tests as per WSER 2016. The TSS, BOD and ammonia tests results are presented in the following figure.

Figure 3 Storage Cell Discharge Quality



As presented in the above figures, the BOD levels were all below the 25 mg/L limit at the final discharge point. The TSS had one outlier but the rest stayed with the 25 mg/L. The ammonia-N reading fluctuates about 5 mg/L with most readings below 5 mg/L. The final effluent samples also passed the acute toxicity LC50 tests.

Compared to other aerated lagoons, these test results from the Eckville aerated lagoon system are better. It is perceived that the storage Cell 4 with shallow water depth (1.2m) is acting as a facultative cell that can polish the effluent from the aerated lagoon cells, attributing to a better level of treatment.

4.0 FLOW AND LOADING PROJECTIONS

4.1 HISTORICAL DATA ANALYSIS

The Town has been collecting raw and treated wastewater flow and quality data according to the requirements in the current approval. Raw data from 2017 to 2021 have been reviewed and analyzed. The following table presents the influent wastewater characteristics as a result of the raw data analysis.

Table 4-1 Eckville WWTP Influent Characteristics

Parameter	Value	Unit
Flow	459	Lcpd
TSS	64	mg /L
BOD	75	mg /L
TKN	12	mg /L
TP	2.5	mg /L
MM/AA*	1.2	-

* MM= maximum month average daily flow; AA= Annual Average flow

As indicated in Table 4-1, the per capita flow is at 459 Liter per day, which is approximately twice as high than the per capita flow rate in similar communities. At the same time, the TSS and BOD are less than half of the common levels of 150-250 mg/L in similar communities. The per capita TSS and BOD calculated from these data are at 31 and 36 g/person/day, respectively. These per capita loading rates are just half of the normal 70-90 g/person/day expected.

These non-common levels imply that the Town might have significant constant inflows entering the sanitary sewer that leads to the high capita flow but low strength wastewater, and also imply that some measurements are questionable. Regardless of the treatment process and the disposal, i.e. local treatment or discharge to the regional line, the Town should make effort on reduce the Inflow and Infiltration (I&I). The I&I reduction program can reduce the capital and operation costs of the proposed disposal options.

Without any raw data, the ammonia, TKN and TP concentrations are estimated based on the dilution effect and the typical values observed in other similar communities. The alkalinity, volatile fatty acid, temperature, pH which are critical in biological nutrient removal process design, in the raw wastewater are unknown at this time. In next stage of design, an intensive sampling program should be carried out to test the raw wastewater for all the parameters described in this section.

4.2 FLOW AND LOADINGS PROJECTIONS

The population in Eckville has not experienced significant growth in the last 10 years. It is expected that the population will grow at a rate of less than 1.0% annually, which is the approximate provincial growth rate. For the purposes of this study, it is expected that the wastewater flow will increase by about 1% a year. In the next 25 years, the annual average flow would therefore increase from 523 m³/d in 2021 to 713 m³/d in 2047, which is equivalent to

TOWN OF ECKVILLE WWTF UPGRADE FEASIBILITY STUDY

wastewater generated by 1,500 people. The following table presents the projected flow and loadings. Depending on the process technology selection, the Annual Average (AA) or the Maximum Month (MM) values will be chosen as the design flow and loadings.

Table 4-2 Design Flows and Loadings

	AA	MM	Unit
Flow	713	856	m3/d
TSS	46	77	kg/d
BOD	54	77	kg/d
TKN	11	14	kg/d
TP	1.8	2	kg/d

5.0 UPGRADE OPTIONS

5.1 UPGRADE FOR SCENARIO 1

If the RWQA study result dictates that the Eckville WWTP just needs to meet discharge limits in Scenario 1, the existing aerated lagoon with half-a-year storage cells will be able to treat the flows for the next 25 years. However, the nitrification in the aerated lagoon is not efficient in winter time due to the cold water temperature. A modification, e.g. floating cover to retain heat can improve the nitrification performance. The proposed upgrades to the current WWTF would include the following:

- The Town can consider replacing the surface aerators with a submerged fine bubble diffuser system to increase the efficiency and operation safety
- With submerged fine bubble diffusers, the Town can consider putting a floating cover on the aerated cells to retain the heat and thus ensure the nitrification process can convert the ammonia in wintertime and discourage the algal growth
- The influent flow can bypass the anaerobic cell and discharge directly into the aerated cell such that the water temperature can be high enough for nitrification. In summertime, the flow can discharge into the anaerobic cell to reduce the floatables and debris to the aerated cells
- The required half-a-year storage volume will reach 128,413 m³ (2047 design flow 713 m³ per day for 180 days). The Town will need to construct another cell to bring the current storage volume of 100,000 m³ to 128,413 m³. A new cell of 29,000 m³ can be constructed at the west of the storage cell 1.
- A sludge survey and a sludge removal will be needed before these upgrades

The following figure presents the proposed upgrades in the existing lagoon system to meet the scenario 1 discharge limits.

Figure 4 Proposed Lagoon Upgrades for



The following table presents the proposed treatment systems description and configurations, the process flow diagrams and the opinion of probable costs (OPCs in 2022 Canadian dollars).

TOWN OF ECKVILLE WWTF UPGRADE FEASIBILITY STUDY

Table 5-1 Proposed Lagoon Upgrade OPC for Scenario 1 Discharge Limits

Item	Description	Est. Quantity	Unit	Unit Price	Total Cost
1	Mobilization/demobilization	1	EA	\$284,000	\$284,000
2	Clearing and Stripping	18,850	m2	\$2	\$37,699
3	Excavation/Embankment	38,425	m3	\$10.0	\$384,250
4	Fine grading	17,384	m2	\$3	\$52,153
5	Nonwoven layer	18,254	m2	\$3	\$45,634
6	Lining (HDPE 60 mil)	18,254	m2	\$23	\$419,834
7	Erosion control	1,000	m2	\$15	\$15,000
8	Connection to existing cells	3	EA	\$50,000	\$150,000
9	Cells interconnection structure	3	EA	\$30,000	\$90,000
10	Monitoring wells	6	EA	\$4,000	\$24,000
11	Barbed wire fence c/w gate and signs	1,520	lm	\$30	\$45,600
12	Underdrain c/w pump station	1	LS	\$300,000	\$300,000
13	Seeding/sod	3,427	m2	\$2	\$6,854
14	Aerated cell floating cover	5,210	m2	\$90	\$468,900
15	Aeration upgrades	1	ea	\$1,500,000	\$1,500,000
16	Sludge survey	1	LS	\$6,000	\$6,000
17	Sludge removal	1	LS	TBD	
	Sub Total				\$3,829,925
	35% Engineering and Contingency				\$1,340,474
	Total				\$5,170,398

5.2 UPGRADES FOR SCENARIO 2

Below are options that can be considered to upgrade the existing aerated lagoon WWTP to meet the more stringent discharge limits as presented in Scenarios 2. These technology options are:

- Mechanical Plant: Sequencing Batch Bioreactor (SBR) with Alum dosing, disc filtration, UV disinfection
- Mechanical Plant: Membrane bioreactor (MBR) with alum dosing, disc filtration, UV disinfection
- Submerged Attached Growth Reactor (SAGR) for post lagoon nitrification with Alum dosing, disc filtration and UV disinfection
- Moving Bed Bioreactor (MBBR) for post lagoon nitrification with Alum dosing, disc filtration and UV disinfection

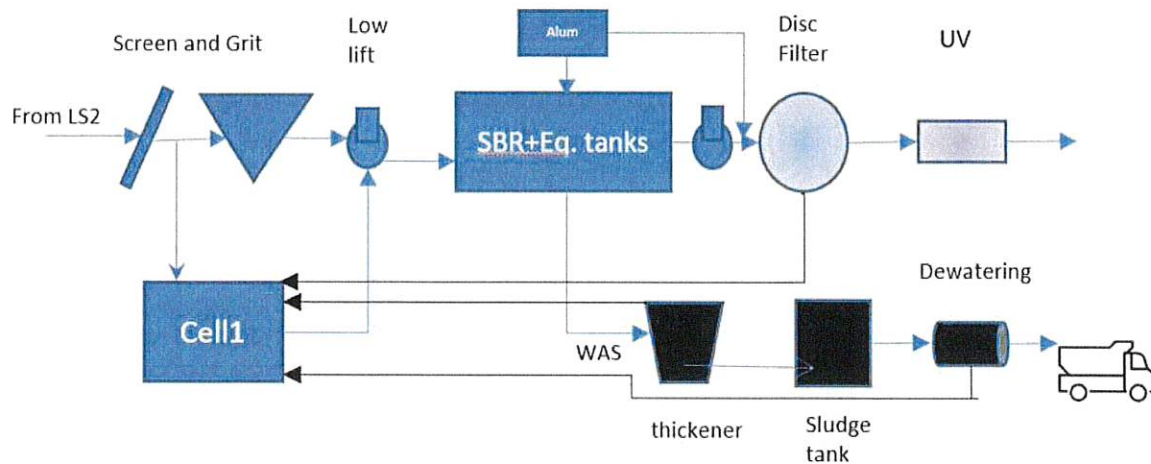
The mechanical plant technologies and two lagoon-based post-nitrification technologies have the capacity to meet the discharge in Scenario 2. Among the four technologies, the two mechanical plant options require slightly higher capital cost. However, the mechanical plants are more mature technologies and more reliable than the alternatives. The lagoon-based technologies might have disc clogging issues due to excessive algal growth in the warm water season. Note that at this conceptual planning stage, it is assumed that the alkalinity is sufficient for the nitrification process. External alkalinity addition is not needed. As discussed in the

A Sequencing Batch Reactor (SBR) mechanical plant utilizes fill-and-draw single "batch" reactors to treat and discharge wastewater. It is an activated sludge (AS) system which operates in time rather than in space hence it has a more compact configuration and footprint than other AS systems, e.g. conventional biological AS plant, Membrane

TOWN OF ECKVILLE WWTF UPGRADE FEASIBILITY STUDY

Bioreactor (MBR) plant. Primary and secondary clarifiers are not needed in a typical SBR design. The existing two lagoon cells can be converted to a peak flow equalization pond and a dewatered sludge storage cell. For the design flow and loadings scale in Eckville, it can be more economical and simpler to operate than MBR. The following process flow diagram presents the proposed SBR plant concept.

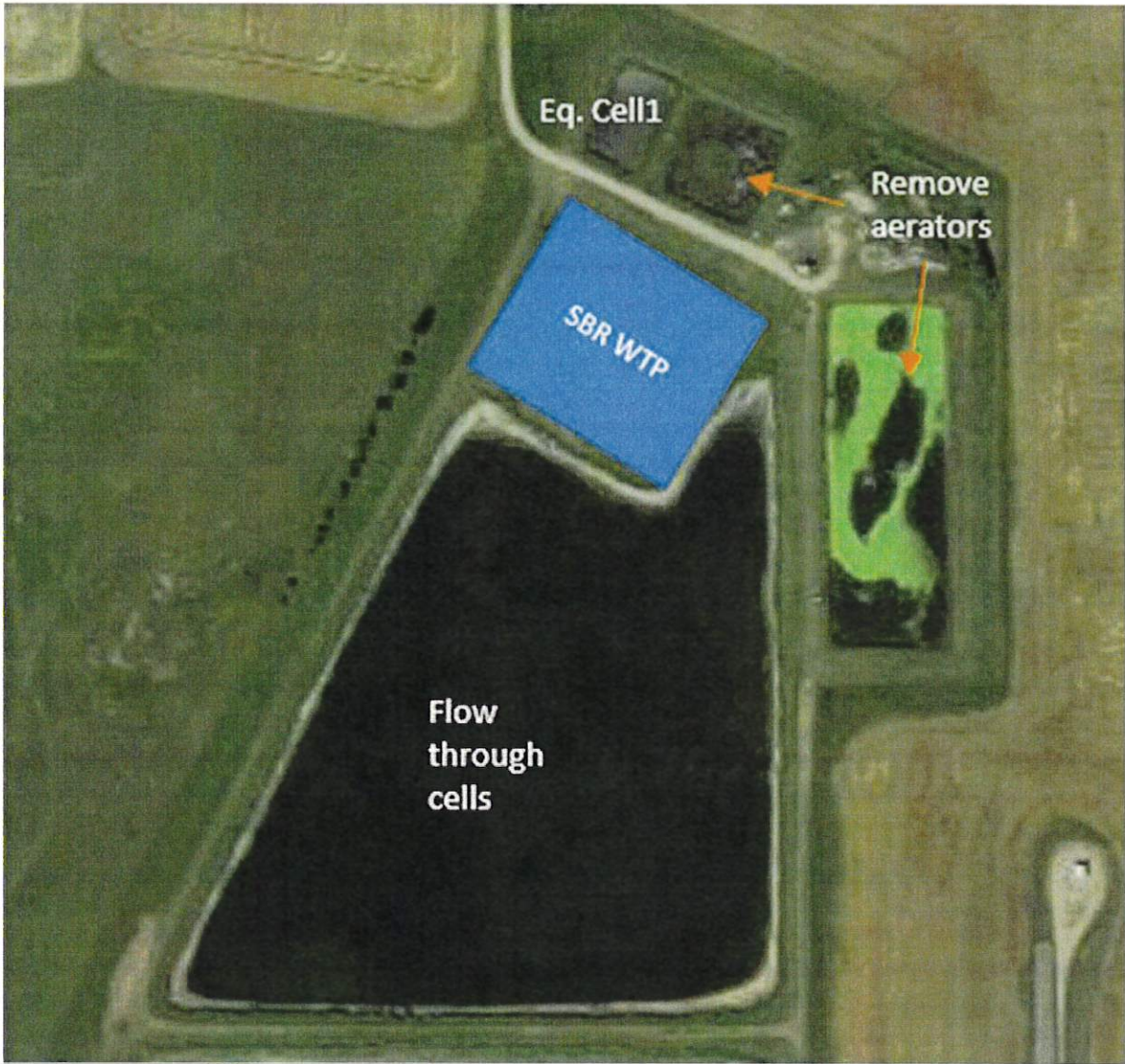
Figure 5 Proposed SBR Process Flow Diagram



A head works and process building with a 30X20m footprint can accommodate the fine screening, low lift pumps, grit pumps, blowers, compactors, washer etc. with the underground SBR tanks, equalization tanks, sludge pumps, grit removal tanks. Another solid and UV building with a 20X20m footprint can hold the disc filters, sludge pumps, mixing, backwash pumps and centrifuge for sludge dewatering process with outdoor digester tank, gravity thickener. The two buildings will also accommodate the associated electrical, instrumentation, communication and control systems. The buildings will have proper ventilation according to the clarification of the proposed process units.

As indicated in the process flow diagram, the existing anaerobic cell (Cell 1) will be converted to an Equalization Pond to shave the peaks into the SBR plant to accept the screened bypass flows. The existing surface aerators can be removed from the aerated cells. The storage cells can be converted to flow through cells for continuous effluent discharge. The conceptual layout of the SBR plant is presented in the following figure.

Figure 6 Proposed SBR Plant Site Layout



TOWN OF ECKVILLE WWTF UPGRADE FEASIBILITY STUDY

The budgetary Opinion of Probable Costs for SBR Plant is presented in following table.

Table 5-2 Proposed SBR Plant OPC for The Scenario 2 Discharge Limits

No.	Components	Size / capacity	OPC (\$)	Notes
1.0	General/Civil			Civil works, fencing, excavation, grading, drainage, utility, communication cables
1.1	Mob/demob		443,000	
1.2	Fence	600 m with gates	33,600	Chain-link fence around the WWTP perimeter 60X80m
1.3	Civil works allowances	common excavation, grading, seeding	400,000	excavation for tanks, pipes, misc. piping, grading, drainage, parking
1.4	Commissioning allowance	commissioning and startups	80,000	
2.0	Headworks/admin./ Process, Control building	30X20X5m	2,100,000	Enclosed building to accommodate headworks, a low lift station, grit pumps, SBR pumps blowers, Alum, electrical etc. including slab, building HVAC, lighting electrical
2.1	6mm Screening/compactor	30 L/s, in sub structure	250,000	Screens with compactor/washer in Headworks building; channel included
2.2	Grit removal/washer	30 L/s; 1.0m X6m headcell	120,000	Grit chamber outside of the headworks building; grit pumps, dewater and washer in the basement level
2.3	Low lift station	30 L/s; 3 raw sewage pumps	50,000	Low lift station within headwork building; underground level
2.4	SBR tanks	20WX14LX5Hm: 650m3X2	1,300,000	Two ICEAS SBR tanks, and decant/buffer tanks
2.5	SBR process/piping	For two 650m3 reactors	900,000	Blowers, mixers, WAS pumps, piping, decanters, buffer tank pumps to disc filter
2.6	Alum dosing	Alum dosing	50,000	for phosphorous removal/polishing to 0.5 mg/L
3.0	Solid process / UV Building	20X20X5m	1,400,000	Building to accommodate the following subsystems, pumps, blowers, control panels; tankage outdoors
3.1	Disc filter	20 L/s	300,000	disc filter with polymer system
3.2	UV reactor	20 L/s	300,000	UV disinfection for 20 L/s peak flow 55% UVT
3.3	Thickener	D6m 3.5m SWD	150,000	Gravity thickening for PS and SC sludges; one mechanism and sludge pumps
3.4	Aerobic digester	D8m H4.5m ;250 m3	400,000	SRT 15 days, 38% VSS destruction, aeration system included
3.5	Sludge holding tank	30 m3	65,000	Up to 3 days storage; pump mixing system; sludge pumps
3.6	Dewatering	2 m3/hr;	550,000	Centrifuge with truck bins; polymer system included; equipment all in the solid process building
4.0	Genset/SCADA/Comm		400,000	Plant generator, plant wide SCADA system, communication system
		Subtotal	9,292,000,000	Rounded up
		Contingency and Engineering	3,252,200,000	25% contingency 10% engineering
		Total	12,544,200,000	

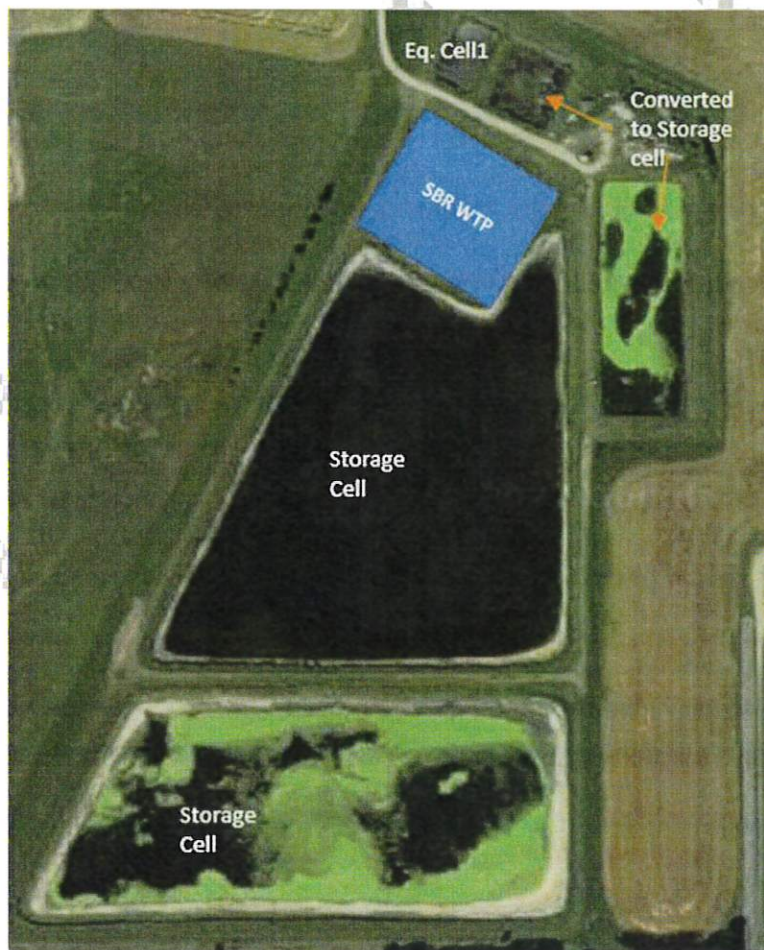
The annual operation cost of the proposed SBR WWTP is estimated at \$300,000, including the electrical energy cost, natural gas heating cost, chemical cost, sludge hauling and disposal costs, and labour and miscellaneous costs, but not including depreciation, insurance, administration or any soft costs.

5.3 UPGRADES FOR SCENARIO 3

As discussed in Section 2.2.2, the scenario 3 is the worst case scenario in terms of discharge limits and discharge schedule. The WWTP will not only need to treat the wastewater to meet stringent discharge standards, but extra storage will also be needed to store the treated effluent for typically 5 months in a year in winter season. The rest of the time, the WWTP can discharge to the Medicine River through the storage cells continuously.

The process upgrades proposed in Scenario 2 can remain the same for Scenario 3 to achieve the same treatment level, i.e. the SBR + alum+disc filtration + UV disinfection and the solid train processes are the same in both options. In addition, an approximate 7100 m³ storage volume should be added to bring the total storage volume to 107,100 m³ for 5 months storage for Scenario 3A. The existing two aerated cells has a combined volume of 15,630 m³. Hence, these two aerated cells can be converted to effluent storage cells. Figure 7 presents the conceptual layout of the SBR with additional volumes. The OPC for the upgrades in Scenario 3A should be the same order of magnitude at \$12.5M.

Figure 7 Proposed SBR Plant With Addition Five Month Storage Layout (Scenario 3A)



TOWN OF ECKVILLE WWTF UPGRADE FEASIBILITY STUDY

For Scenario 3B, the treated effluent will be storage for the whole year before it is discharge. With a design average daily flow of 713 m3/day, the required volume for one year storage is 260,245 m3. As the existing lagoon system has a storage volume 115,630 m3 (the anerobic cell will be converted to an equalization pond), additional 144,615 m3 storage volume is needed. The OPC of the proposed storage addition is presented in the following table.

Table 5-3 Proposed Storage Addition OPC for Scenario 3B Discharge Limits

Item	Description	Est. Quantity	Unit	Unit Price	Total Cost
1	Mobilization/demobilization	1	EA	\$357,000	\$357,000
2	Clearing and Stripping	67,206	m2	\$2	\$134,412
3	Excavation/Embankment	180,275	m3	\$10.0	\$1,802,753
4	Fine grading	59,320	m2	\$3	\$177,959
5	Nonwoven layer	62,286	m2	\$3	\$155,714
6	Lining (HDPE 60 mil)	62,286	m2	\$23	\$1,432,568
7	Erosion control	600	m2	\$15	\$9,000
8	Connection to existing cells	3	EA	\$50,000	\$150,000
9	Cells interconnection structure	3	EA	\$30,000	\$90,000
10	Monitoring wells	12	EA	\$4,000	\$48,000
11	Barbed wire fence c/w gate and signs	800	lm	\$30	\$24,000
12	Underdrain c/w pump station	1	LS	\$400,000	\$400,000
13	Seeding/sod	20,162	m2	\$2	\$40,324
	Sub Total				\$4,821,729
	35% Engineering and Contingency				\$1,687,605
	Total				\$6,509,334

Note that the land purchasing cost is not included in the above OPC table. With this additional storage cell, the total OPC for the scenario 3B is \$19 Million.

The following figure presents the possible layout for the Scenario 3B.

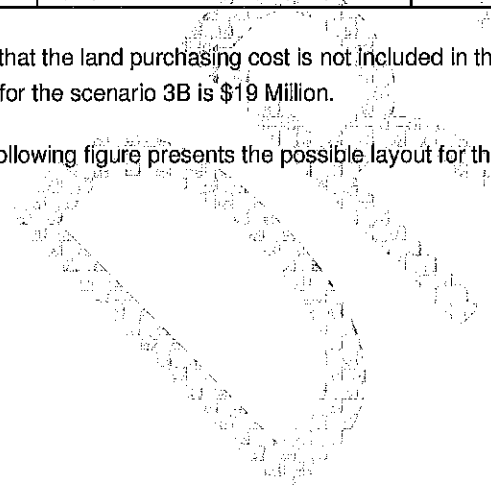


Figure 8 Proposed SBR Plant With One Year Storage Layout (Scenario 3B)



6.0 CONCLUSIONS AND RECOMMENDATIONS

To address AEP's Approval conditions on the existing Eckville Wastewater Aerated Lagoon system, and to service the existing and future developments in the Town, Stantec reviewed the historical operation data, census data and relevant information to conduct this feasibility study. The feasibility study has come up with the following:

- Four discharge standards and storage requirements scenarios have been identified for the Town's WWTF based on the current provincial and federal regulations and experiences from previous projects in other municipalities.
- Four possible upgrade options have been proposed for the three possible discharge limits scenarios.
- The best-case scenario (Scenario 1) will require the least capital cost for the existing aeration system upgrade. However, it is expected that the possibility of adapting the best-case scenario standard is low based on other municipalities' experience.
- The worst-case scenario (Scenario 3B) will have the highest capital \$19M for the SBR mechanical plant and \$300,000 O&M cost per year. The direct total cost will be \$26.5M for the 25 years planning horizon.

With the findings in the feasibility study, we recommend the Town:

- Compared the high level OPCs, including the capital and operation costs between the local treatment plant cost and the regionalization costs. The comparison should also take the possible fundings into consideration.
- If the Town prefers the local treatment option, a receiving water study should be complete to determine the discharge standards and storage requirements.
- To properly size and design the local wastewater treatment plant process units, it is recommended to carry out an intensive sampling program on the raw wastewater to test for ammonia, TKN, pH, alkalinity, VFA in addition to the routine TSS, BOD. The flow meter in LS2 (Southeast lift station) should be calibrated and confirm its accuracy. The intensive sampling and meter calibration will supply more details on the wastewater quality for better process sizing.
- Regardless of the decision on local treatment or regionalization, the Town should conduct a I&I study and reducing program to reduce the I&I entering the sanitary sewer.

TOWN OF ECKVILLE WWTF UPGRADE FEASIBILITY STUDY

System: 2022-04-28 10:48:19 AM
User Date: 2022-04-28

Town Of Eckville
COMPUTER CHEQUE REGISTER
Payables Management

Page: 1
User ID: Heather

Batch ID: CHEQUES
Batch Comment: cheques

Audit Trail Code: PMCHQ00000769
Posting Date: 2022-04-28

Chequebook ID: ATB - GEN

Mtg. Date May 9/22
Agenda Item 7.2

* Voided Cheques

Cheque Number	Date	Payment Number	Vendor ID	Cheque Name	Amount
026236	2022-04-28	00000000000021997	CEN002	Central Alberta Rodeo Associat	\$1,500.00
026237	2022-04-28	00000000000021998	MNP001	MNP	\$9,095.62
026238	2022-04-28	00000000000021999	REV001	Receiver General	\$17,270.00
026239	2022-04-28	00000000000022000	SOC002	Society of Local Gov. Managers	\$599.00
Total Cheques:	4			Cheques Total:	\$28,464.62

Batch ID: CHEQUES
 Batch Comment: Cheques

Audit Trail Code: PMCHQ00000770
 Posting Date: 2022-05-05

Chequebook ID: ATB - GEN

* Voided Cheques

Cheque Number	Date	Payment Number	Vendor ID	Cheque Name	Amount
026240	2022-05-05	00000000000022001	AAM001	Canoe	\$189.53
026241	2022-05-05	00000000000022002	AUM002	AMSC Insurance Services Ltd.	\$8,594.56
026242	2022-05-05	00000000000022003	CAN11	Canadian Linen and Uniform Ser	\$250.64
026243	2022-05-05	00000000000022004	CEN0015	Central Alberta Window Cleanin	\$399.00
026244	2022-05-05	00000000000022005	CLE002	Cleartech Industries Inc.	\$750.29
026245	2022-05-05	00000000000022006	DIA007	Diana Hendrie	\$240.00
026246	2022-05-05	00000000000022007	ECK007	Eckville Super Service	\$1,480.37
026247	2022-05-05	00000000000022008	FCS001	Eckville FCSS	\$7,373.00
026248	2022-05-05	00000000000022009	FON001	Fondas Plumbing & Heating	\$232.58
026249	2022-05-05	00000000000022010	HIW001	Hi-Way 9 Express Ltd.	\$652.20
026250	2022-05-05	00000000000022011	LIT002	Little Jon's Portable Toilet S	\$595.02
026251	2022-05-05	00000000000022012	MES001	Messer Canada INC.	\$40.53
026252	2022-05-05	00000000000022013	MIS001	Missing Link Internet Inc.	\$367.50
026253	2022-05-05	00000000000022014	STE008	Sterling Power Systems Inc.	\$1,757.70
026254	2022-05-05	00000000000022015	TEL001	Telus	\$1,056.76
026255	2022-05-05	00000000000022016	WIL001	Wild Rose Assessment Services	\$1,424.15

Total Cheques: 16

Cheques Total: \$25,403.83



WHERE PEOPLE ARE THE KEY

HIGHLIGHTS OF THE REGULAR COUNCIL MEETING
APRIL 28, 2022

Mtg. Date May 9/22
Agenda Item 7.3

BYLAW NO. 1368/22 - Pt. NW 21-39-03 W5M – ALBERTA VIEWS RV & GOLF COURSE

Bylaw No. 1368/22 is a bylaw of Lacombe County to amend the Lacombe County Land Use Bylaw No. 1237/17, to change the zoning of approximately 61.95 hectares (153.07 acres) on Pt. NW 21-39-03 W5M, from Agricultural 'A' District to Recreation "PR" District.

County Council gave bylaw No. 1368/22 third reading.

2021 OPERATING SURPLUS AND RESERVE ALLOCATION

By resolution of Council, the 2021 operating budget surplus was allocated as follows:

<i>Trails and Parks Reserve</i>	\$ 500,000
<i>Tax Rate Stabilization Reserve</i>	1,000,000
<i>Remain in Unrestricted Surplus</i>	<u>39,954</u>
 <i>Total</i>	 \$ 1,539,954

ECONOMIC DEVELOPMENT STRATEGY – COUNCIL WORKSHOP

The County Council Workshop with Factor5 Group Inc. to develop the Lacombe County Economic Development Strategy will be held on June 20, 2022.

AGRICULTURAL SERVICE BOARD (ASB) STRUCTURE

The County Manager was directed to amend the Agricultural Service Board Terms of Reference as identified in Policy CC(3) by:

1. including a provision stating that the Agricultural Service Board is to meet a minimum of two times per year, and
2. replacing the clause "Reeve to Serve as Chair" with "Chairperson and Vice-chairperson" shall be selected by Council at the organizational meeting.

Policy CC(3), as amended, will be presented to Council at a future meeting for consideration of approval.

SOLAR POWER UPDATE

A report was provided with respect to the June 2021 completion by SkyFire Energy of the installation of a 115 kWDC solar PV system on the roof of the Lacombe County shop building. This system includes 288 solar modules, two inverters, and 144 optimizers. To date, the system has produced 106,400 kWh, which equates to a CO² emission reduction of 41.7 T or the planting of 1,245 trees.

RC(9) FUNDING OF COMMUNITY PROGRAMS, EVENTS AND ACTIVITIES – ADDITIONAL REQUESTS

The following RC(9) applications received Council approval:

Gull Lake Community League	\$554
Mirror Association for Ball Diamonds, Campground and Skating	\$500

RCMP CRIME PREVENTION UNIT UPDATE

C/Supt. Peter Twefik, Officer In-Charge, provided an update on the activities and initiatives of the Alberta RCMP Crime Reduction Strategy.

LACOMBE COUNTY INNOVATION COMMITTEE REPORT

A presentation was provided on the Lacombe County Innovation Initiative. The Committee has been established to enable staff to submit initiatives to find efficiencies and cost savings in the operations of the County.



WHERE PEOPLE ARE THE KEY

BATTLE RIVER WATERSHED ALLIANCE

The Battle River Watershed Alliance (BRWA) presented the watershed management in the Battle River and Sounding Creek Watersheds for Council information.

LACOMBE COUNTY 2021 FINANCIAL STATEMENTS

Council approved the Lacombe County 2021 Financial Statements, which reflect the 2021 surplus and reserve allocations.

Next Regular Council Meeting is
Thursday, May 12, 2022 - 9:00 a.m.

Next Committee of the Whole Meeting is
June 13, 2022 - 9:00 a.m.

Lacombe County Administration Building

****For more details from Lacombe County Council meetings, please refer to the meeting minutes. All meeting minutes are posted on the website (www.lacombecounty.com) after approval.**

FINAL REPORT - 2021

Town of Eckville



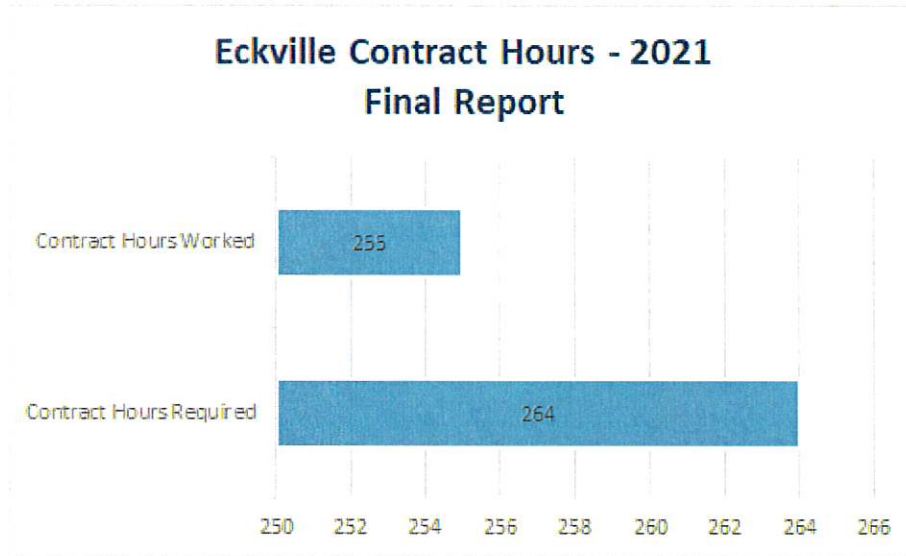
MAY 2, 2022

Lacombe County – CPO Services
Prepared by: Mark Sproule, Manager

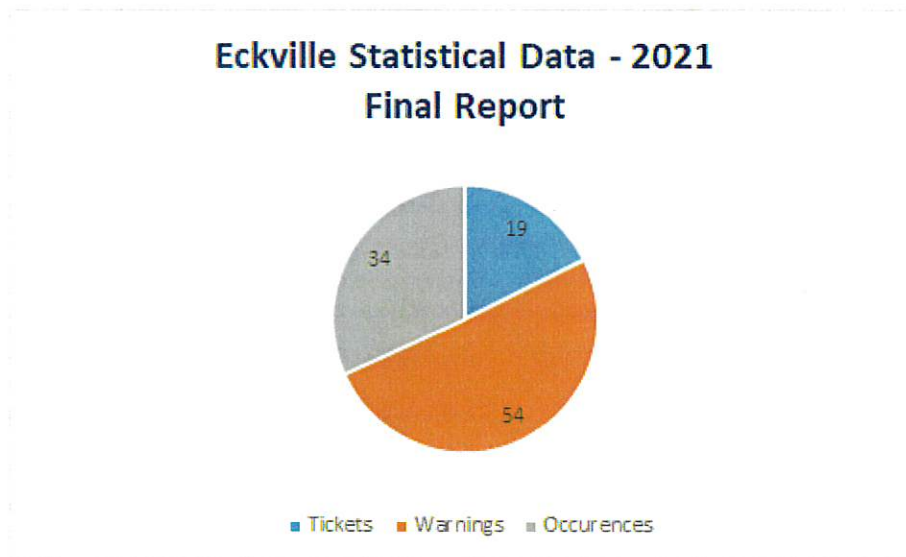


**TOWN OF ECKVILLE
FINAL REPORT – ENFORCEMENT REPORT 2021**

STATISTICAL OVERVIEW



'2021 Peace Officer Services, Schedule E of the Peace Officer Services Agreement.'



'Data collected from January 1st, 2021 – December 31st, 2021 as per Section 11, Peace Officer Service Agreement.'

PEACE OFFICER HIGHLIGHTS

- **Crime Prevention & Traffic Safety** – Peace Officers engaged local enforcement partners throughout the year delivering stop checks aimed at Crime Reduction through traffic safety. Our officers work closely with the Sylvan Lake RCMP and communicate on areas of concern. During 2021 a total of 6 joint forces operations were organized and conducted by CPO Services; Stats from these checks consisted of 21 tickets, 53 warnings, 8 commercial vehicle inspections, and two warrants executed.
- **Community Standards & Bylaws** – Officers continue to provide information on municipal Bylaws and remind residents throughout the year regarding the parking of trailers, parking time limits (72 hours), the clearing of sidewalks, and commercial truck routes. In 2021 there were 11 Bylaw Complaints, 9 warnings, and 6 violation tickets issued for Bylaw related offences.
- **CPO Services** – CPO Services experienced a staffing shortage from July to December of 2021 resulting in officers being short by 9 contract hours. A temporary officer was hired for the first part of 2022, and we anticipate being up to full staffing again on May 9th. Finally, Dion Burlock has taken on the role of Director of Community Services and now oversees CPO Services for Lacombe County.

For more information on Community Peace Officer Services, please contact Lacombe County at 403-782-8959.

Prepared and submitted by,



Mark Sproule
Manager – CPO Services
Lacombe County

Dear Mayor Ebden,

Our Operations Superintendent at Cenovus' Eckville office, Trevor Roberts, shared with me your notice requesting financial assistance supporting Eckville's initiative to secure a nurse practitioner. In requesting assistance by covering a portion of the funding costs, we have reviewed our budget and determined that Cenovus would be pleased to offer a \$10,000 donation per year, for 2022-2024 inclusively.

Cenovus uses an online portal for community investment requests driven by a company called Benevity. Unless the Town of Eckville is already registered in the Benevity system, you will have to do so first and then write and submit your application. Please use this link to Cenovus' website <https://www.cenovus.com/responsibility/social-investment.html> where you will read about our social investment strategy and focus areas. You will also find a green button at the bottom of that page that will get you started on the application process in Benevity.

We no longer issue physical cheques however part of your registration with Benevity provides the opportunity for EFT (electronic funds transfer), where you will be required to provide banking information as well as an electronic copy of a void cheque. There is a bit of footwork to get set up in Benevity but once that has been completed, future applications and payments will be very simple and auditable. If you have any questions with Benevity or regarding the donation itself, please feel free to reach out to me. I am happy to help with any part of that.

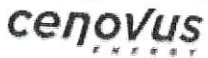
At some point we would appreciate being given the opportunity to participate in whatever your office may plan for announcing the successful culmination of your fund raising efforts. If there is an event or announcement, please contact me at your earliest convenience.

Cenovus is very pleased to contribute to your community's project. We wish you all the best in this initiative.

Kind regards,
David

David Morrison

Senior Advisor, Community and Indigenous Affairs
Sustainability & Stakeholder Engagement
Office: 1.403.766.3491 | Cell: 1.403.613.2948
david.morrison@cenovus.com
Calgary, Alberta, Canada



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Development Application No. 34/22 NOTICE OF DECISION

This is to advise that the Municipal Planning Commission has APPROVED the following development:

100-stall campground
**known as Alberta Views RV and Golf Resort*

(see reverse side for conditions of approval)

Legal Description: Pt. NW 21-39-03-W5M
Applicant: Al-Terra Engineering (Red Deer) Ltd.
Landowners: 1949561 Alberta Ltd.

Date of Decision: April 28, 2022

The decision can be appealed by the applicant/property owners, or any other person affected by the development. Anyone who wishes to do so is required to give notice in writing with reasons to:

Secretary
Subdivision and Development Appeal Board
Lacombe County
RR 3
Lacombe AB T4L 2N3

The notice of appeal must be received at the County Office by no later than May 19, 2022 and must include contact information.

There is no appeal fee. However, it should be noted that the County may charge a \$1,000 penalty against a person who appeals this decision but subsequently fails to appear before the Board at the scheduled hearing. This penalty will only be imposed in cases where a single appeal is received and neither the person (or persons) making the appeal (or their designated representative) were present to speak to their appeal.

For more information, please contact Planning Services at 403-782-8389.

April 28, 2022

Date of Issue

for 
Dale Freitag, RPP, MCIP
Director of Planning Services

IMPORTANT NOTE:

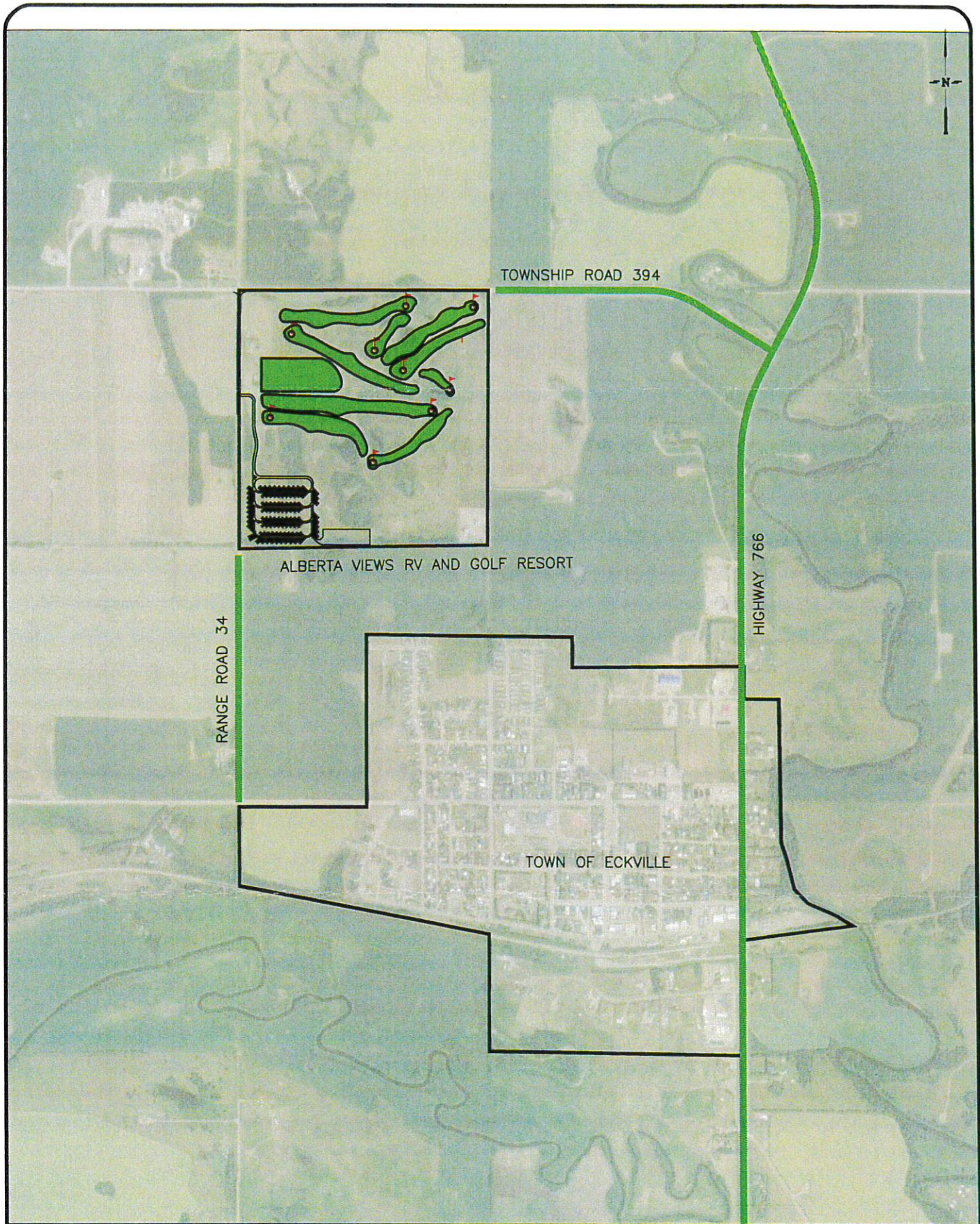
Please note that this Notice of Decision does not give permission to proceed with the development. This will be given when a Development Permit is issued. A Development Permit will normally be issued by the County after the expiry of the appeal deadline, unless an appeal is received in which case the issue of a Development Permit is dependent upon the outcome of the appeal. In some cases, the Development Permit will not be issued until further actions are taken as specified in the conditions of the development approval.

Development Application No. 34/22 Conditions of Approval

1. approval is for the development of up to one-hundred (100) campground stalls. A further development permit application is required for any changes to the use of the property, including any additional campground stalls, buildings or additions to existing structures
2. the proposed amenity structures shall be located and constructed in accordance with the site plan and information submitted with the development permit application, any changes will require prior approval from the County
3. exterior finish and appearance of the proposed amenity structures shall complement the existing structures
4. no individual onsite water or wastewater systems permitted. Development must connect to the communal water and wastewater system
5. campground to be operated at all times in a manner that does not cause nuisance for surrounding residents due to noise, excessive traffic, or anything else of dangerous or objectionable nature as determined by and at the sole discretion of Lacombe County
6. any outside storage of materials or equipment associated with the campground to be screened from view to the satisfaction of the County
7. the site to be kept at all times in a neat and tidy condition
8. no additional signage related to the business is permitted, unless prior approval is received from the County

It is the responsibility of the applicants to ensure that the proposed development meets the requirements of the provincial Safety Codes Act and the associated Regulations.

It shall be the responsibility of the Developer to obtain all licences or other approvals that may be required from Alberta Environment and any other government agency having jurisdiction over the drainage works.



PREPARED BY:

AL-TERRA ENGINEERING (RED DEER) LTD.
 202, 4708 50th AVENUE, RED DEER, AB PH: 403-340-3022

**ALBERTA VIEWS RV AND GOLF RESORT
 FIGURE 2 - LOCATION PLAN**

DRAWN: AWS

CHECKED: GBJ

SCALE: N.T.S

DATE: SEPT 23, 2021

JOB NO: 5054

LOCATION: LACOMBE COUNTY, AB

F-2

CONTEXT MAP

