
AGENDA
JOINT LAGOON COMMITTEE
REGULAR MEETING - Myrna Noyes Community Hall Sandy Beach Highway 642
63 Lakeshore Drive
Feb 15th 2023 @ 7PM

- 1.0 CALL TO ORDER** Action
- 2.0 ACCEPTANCE OF AGENDA** Action
- 3.0 APPROVAL OF MINUTES**
A. November 8th, 2022; Action
- 4.0 DELEGATIONS** Info
none
- 5.0 APPOINTMENT**
No scheduled appointment(s);
- 6.0 BUSINESS ARISING**
A. Darwell Transmission Line Phase A (discussion); Action
B. Action
C. Action
D. Action
E. Info/Action
F. Info/Action
- 7.0 DEVELOPMENT MATTERS** None
- 8.0 NEW BUSINESS**
A. ATB Statement Dec 31st, 2022 (**NO ACTION** required); Info
B. Action
C. Info/Action
- 9.0 LAGOON MANAGER REPORT**
A. Info/Action
- 10.0 CORRESPONDENCE ITEMS**
A. None Info
- NEXT MEETING**
To be determined Info
- ADJOURNMENT** Action

MINUTES
JOINT LAGOON COMMITTEE
REGULAR MEETING OF THE JOINT LAGOON COMMITTEE
Myrna Noyes Community Hall, Highway 642, 63 Lakeshore Drive
November 8th, 2022 @ 7 PM.

IN ATTENDANCE

Committee

Michael Harney (Chair & Deputy Mayor Sandy Beach)
Denise Lambert (Mayor Sandy Beach)
VACANT (Councillor Sandy Beach)
Jon Ethier (Mayor Sunrise Beach)
Mike Benson (Deputy Mayor Sunrise Beach)
Everett Steenbergen (Councillor Sunrise Beach) (*regrets*)
Emily House (Public Member) (*regrets*)

Lagoon Manager & Lagoon Discharge Support

Brett Henkel Lagoon Manager (*regrets*)
Guy Tremblay Lagoon Discharge Support (*regrets*)

Administration (recording ONLY)

Rudolf Liebenberg (Sandy Beach) (*regrets*)

1.0 CALL TO ORDER

Chair Michael Harney called the meeting to order at 7 p.m.

2.0 ACCEPTANCE OF AGENDA

MOVED by Jon Ethier that the agenda be approved as presented and printed.

Res. # 01 - 22

CARRIED

3.0

Res. # 02 - 22

MINUTES, November 9th, 2021

MOVED by Jon Ethier that the minutes of the November 9th, 2021 meeting be accepted and approved as presented and printed.

CARRIED

4.0

DELEGATIONS

40 residents in the gallery and taking part in round table.

5.0

APPOINTMENTS

None

6.0

BUSINESS ARISING

A.

Res. # 03 - 22

Darwell Transmission Line Phase A

MOVED by Mike Benson that the verbal presentation on the Darwell Transmission Line Phase A costs (\$100 per lot per roll over 25 years) as presented by the Chair Michael Harney (based on the written engineering report 2022 by the Darwell Commission) be accepted as information.

CARRIED

MINUTES
JOINT LAGOON COMMITTEE
REGULAR MEETING OF THE JOINT LAGOON COMMITTEE
Myrna Noyes Community Hall, Highway 642, 63 Lakeshore Drive
November 8th, 2022 @ 7 PM.

7.0 DEVELOPMENT MATTERS

None

8.0 NEW BUSINESS

A.
Res. # 04 - 22 **ATB STATEMENT - August 31st, 2022**
MOVED by Mike Benson that the ATB bank statement for August 31st,
2022 be accepted as information.

CARRIED

9.0 LAGOON MANAGER REPORT

None

10.0 CORRESPONDENCE ITEMS

None

11.0 NEXT MEETING

to be determined

Res. # 05 - 22 **ADJOURNMENT**
MOVED by Chair Michael Harney being that the agenda matters had been
concluded the meeting be adjourned.

CARRIED

The meeting was adjourned at 9:47 PM by Chair Michael Harney.

Chair

Recording Secretary

Delegation to Town of Onoway Council

Feb 9th 2023

I thank Council for their time on this matter.

The Summer Villages of Sandy Beach and Sunrise Beach, have deeply appreciated that the Town of Onoway has allowed our wastewater to be brought to the Onoway Lagoon over the past 4 years, due to the closing of our lagoon.

As you are aware, the County of Lac Ste. Anne has proposed a Wastewater Transmission Line, to run from Sandy Beach & Sunrise Beach to the Onoway Lagoon.

Our two villages have had much discussion with the County, in regards to the options and costs that such a project represents to our residents. We basically have three (3) options to consider.

1. A collection system of lateral lines within the two villages, that would feed into the Transmission Line. Although this would be the best overall long-term solution to wastewater disposal, it is extremely expensive, and there would be substantial costs to residents to hook in to this system. Unfortunately, the S.V. of Sandy Beach **Does Not** have the necessary full-time population to support this. (We have 322 lots of which about 122 are fulltime).

2. A truck dump outside our village that ties into the Transmission Line. This is a much more cost effective alternative, but it still represents about a 12-15 % increase in costs, and does not remove the need of truck hauling from the resident to the truck dump.

3. To continue operating as we are, truck hauling from the resident to the Onoway Lagoon. Unfortunately, I was not able to find a copy of our agreement with Onoway, in regards to our dumping privileges, but I do believe it will be due for renewal, this year.

Our question to Council is:

1) Are you willing **to continue** your disposal agreement with our two (2) villages, if we remain strictly on a Truck Haul to Onoway, and would you be willing to **extend this agreement for a minimum of five (5) and possibly more years?**

2) If we go with option 2, there would be a truck dump at our Village, and the Transmission Line to Onoway. We understand that the County would also be using this truck dump station; And **would this mean that there would be more than one hauler** have access to use this station?

As mentioned, we sincerely appreciate our current agreement with Onoway, and I thank you for your consideration of this matter.

Michael Harney, Deputy Mayor for the Summer Village of Sandy Beach



Summer Village of Sandy Beach

FILE COPY

DARWELL LAGOON COMMISSION
Box 219
Sangudo, Alberta T0E 2A0
Phone: (780) 785-3411 or 1-866-880-5722

January 4, 2023

Summer Village of Sandy Beach
Site 1, Comp 63
RR1
Onoway, AB
T0E 1V0

e-mail: svsandyb@xplornet.ca

To Whom It May Concern

Re: REGIONAL WASTEWATER TRANSMISSION LINE – PHASE A (SANDY BEACH to ONOWAY)

With the completion of the feasibility costs to incorporate wastewater collections systems to the Summer Villages and portions of Lac Ste Anne County now completed, the Commission now understands that the Municipalities want to return to the original scope of the Phase A Project.

The original scope includes the construction of:

- Lift Station No. 1 in vicinity of WILD Regional Water Supply Station
- Septage Receiving Station at Lift Station No. 1
- Lift Station No. 2 approximately halfway to Onoway
- Wastewater transmission line from Lift Station No. 1 to Town of Onoway Lagoon System

It should be noted that the Septage Receiving Station originally proposed at the Onoway lagoon has been deleted because the Town has purchased their own. This affects the Proposed Operations and Maintenance Budget for the municipalities because 4000 m³ of wastewater disposal revenue will now be collected by the Town of Onoway.

Since Project A has been on the “shelf” for a period of time, updated costs need to be calculated to tender the project. MPE has provided the Commission with the attached Scope of Work to Prepare Tender Package for Phase A at a cost of \$89,330. An allowance of \$100,000 is recommended by the Commission for the completion of this activity.

Based on the amount spent to date and the projected cost to go to tender, the individual municipalities financial commitments are also summarized for your information.

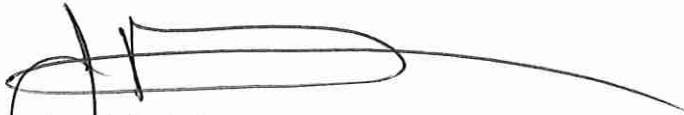
As indicated, the revenue stream for the Project has been affected and a revised Financial Plan is attached for your information. The Financial Plan includes a contribution to the Capital Reserve Fund

that will be allocated and tracked for each individual municipality and paid annually (this was a request for information by the Summer Village of Sandy Beach).

Since the Darwell Lagoon Commission is only the signatory agent for the three (3) municipalities for the receipt of Water for Life Grant funds from Alberta Transportation, the Commission requests confirmation from each municipality of the financial responsibility of any cost spent to date, projected to be spent to finalize design, and any future costs related to the construction of the project.

When acknowledgement is received from all municipalities, MPE will be advised to proceed with the required work to go to tender. Please complete the letter of response by January 30, 2023.

Regards,



Joe Blakeman
Commission Chair

DARWELL REGIONAL WASTEWATER TRANSMISSION LINE PHASE A (SANDY BEACH TO ONOWAY)

31-OCT 2022

		SPENT TO DATE	FINALIZE DESIGN	TOTAL COST
LAC STE ANNE COUNTY	51%	\$ 20,174.79	\$ 5,100.00	\$ 25,274.79
SUMMER VILLAGE OF SANDY BEACH	30%	\$ 11,867.53	\$ 3000.00	\$ 14,867.00
SUMMERVILLAGE OF SUNRISE BEACH	19%	<u>\$ 7,516.00</u>	<u>\$ 1,900.00</u>	<u>\$ 9,416.10</u>
MUNICIPALITY SHARE (10% AFTER W4L GRANT)		\$ 39,558.00	\$ 10,000.00	\$ 49,558.00

DARWELL LAGOON COMMISSION
Box 219
Sangudo, Alberta T0E 2A0
Phone: (780) 785-3411 or 1-866-880-5722

Mayor
Summer Village of Sandy Beach
Site 1, Comp 63
RR1
Onoway, AB
T0E 1V0

December 14, 2022

e-mail: svsandyb@explornet.ca

To Whom It May Concern,

Re: REGIONAL WASTEWATER TRANSMISSION LINE – PHASE A (SANDY BEACH to ONOWAY)

With the completion of the feasibility costs to incorporate wastewater collections systems in the Summer Villages and portions of Lac Ste. Anne County now completed and the Municipalities have had the opportunity to review these costs, the Commission now understands that the Municipalities want to return to the original scope of the Phase A Project. The original scope includes the construction of:

- Lift Station No. 1 in vicinity of WILD Regional Water Supply Station
- Septage Receiving Station at Lift Station No. 1
- Lift Station No. 2 approximately halfway to Onoway
- Wastewater transmission line from Lift Station No. 1 to Town of Onoway Lagoon System

It should be noted that the Septage Receiving Station originally proposed at the Onoway lagoons has been deleted because the Town has purchased a Septic Receiving Station (SRS) and is installing it. This affects the Proposed Operations and Maintenance Budget for the municipalities because 4000 m³ of wastewater disposal revenue will now be collected by the Town of Onoway.

Since Project A has been on the “shelf” for some time a number of tasks need to be redone and finalized to go to tender on the project. MPE has provided the Commission with the attached Scope of Work to Prepare Tender Package for Phase A at a cost of \$89,330.

Based on the amount spent to date and the projected cost to go to tender, the individual municipalities commitments are also summarized for your information.

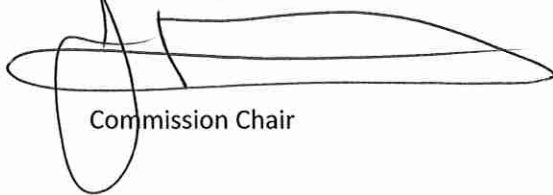
As indicated, the revenue stream for the Project has been affected and a revised Financial Plan is attached for your information. The Financial Plan includes a contribution to the Capital

Reserve Fund that will be allocated to each individual municipality and paid annually (this was a request for information by the Summer Village of Sandy Beach).

Since the Darwell Lagoon Commission is only the signatory agent for the three (3) municipalities for the receipt of Water for Life Grant funds from Alberta Transportation for the Project, the Commission requests confirmation from each municipality of the financial responsibility of any costs spent to date, projected costs to be spent to finalize design, and any future costs related to the construction of the project.

When acknowledgement is received from all municipalities, MPE will be advised to proceed with the required work to go to tender.

Yours Truly,

A handwritten signature in black ink, consisting of a large, sweeping loop on the left side and a long, horizontal stroke extending to the right, ending in a pointed tip. The signature is positioned above the text 'Commission Chair'.

Commission Chair

DARWELL REGIONAL WASTEWATER TRANSMISSION LINE PHASE A (SANDY BEACH to ONOWAY)

ALLOCATION of COSTS

		31-Oct-22		TO OBTAIN
		SPENT to DATE	FINALIZE DESIGN	TENDER PRICE
				TOTAL
LAC ST ANNE COUNTY	51%	\$ 20,174.79	\$ 4,555.83	\$ 24,730.62
SUMMER VILLAGE of SANDY BEACH	30%	\$ 11,867.53	\$ 2,679.90	\$ 14,547.43
SUMMER VILLAGE of SUNRISE BEACH	19%	\$ 7,516.10	\$ 1,697.27	\$ 9,213.37
MUNICIPALITY SHARE (10% AFTER W4L GRANT)		<u>\$ 39,558.42</u>	<u>\$ 8,933.00</u>	<u>\$ 48,491.42</u>

DARWELL REGIONAL WASTEWATER TRANSMISSION LINE - PHASE A SANDY BEACH to ONOWAY

FINANCIAL PLAN

OPERATION & MAINTENANCE COSTS

The Proposed 202X Budget is:

O&M Costs include the day-to-day expenditures for such items as labor, materials, utilities (power), supplies, and other miscellaneous items (insurance, professional fees, etc.). These costs are the actual cash outlays to operate and maintain the Project.

For the purposes of the development of the O&M Budget certain assumptions have been made:

Administrative services will be contracted to a third-party.

Operation and maintenance services will be contracted to a third-party.

Professional Fees (audit, legal, etc. will be coordinated thru County)

All contributions to the Capital Reserve Fund will be made by each Municipality based on the cost-sharing arrangement.

REVENUE

Wastewater Disposal Fees	\$ 9.20	10,000 m3		\$ 92,000
Capital Reserve Contribution				
Lac Ste. Anne County		51%		\$ 63,878
Summer Village of Sandy Beach		30%		\$ 37,575
Summer Village of Sunrise Beach		19%		\$ 23,798
				\$ 217,250

EXPENSES

Town of Onoway Charges	\$ 6.50 per m3			\$ 65,000
Contract Administrative Fees				\$ 1,000
Contract O&M Fees				\$ 6,000
Power and Other Utilities				\$ 12,000
General Maintenance/Minor Repairs				\$ 500
Materials and Supplies				\$ 1,000
Insurance				\$ 2,500
Audit Fees				\$ 2,000
Other Profession Fees				\$ -
Transfer to Major Repair Fund				\$ 2,000 see below
Transfer Capital Reserves				\$ 125,250 see below
Transfer to Rate Stabilization Fund				\$ - see below
Amorization of Assets (NON-CASH Item)				\$ 25,050 Detail Req'd.
Total O&M Expenditures				\$ 242,300
Amorization of Assets (NON-CASH Item)				-\$ 25,050
O&M CASH REQUIREMENT				\$ 217,250

**SCOPE OF WORK TO PREPARE FINAL TENDER PACKAGE FOR PHASE A
DARWELL LAGOON COMMISSION**

Here is a breakdown on tasks that need to be completed in order to finalize and update the tender package at a cost of \$89,330:

1. Update all Crossing Agreements. (Most agreements have expired)
2. Finalize the forcemain route and update hydraulics (if necessary).
3. Obtain crossing agreements with Alberta Transportation to cross Highways 642 and 37. Note AT had some feedback for the Highway 37 crossing and the alignment may need to be adjusted.
4. Obtain ROW use agreement with AT for use of the Highway 642 Highway, review location of regional water main and adjust forcemain alignment if necessary.
5. Update and (re)submit crossing agreements under the Water Act for all wetlands and water bodies. We have an allowance of \$5,000 for CPP Environmental that will be used only if necessary to update the wetland and water body boundaries and coordination of regulatory submissions.
6. Review drawings and specifications for the forcemain and update as necessary. The specifications will also need to be updated to meet the new lien legislation.
7. Finalize Lift Station Design:
 1. Review site layout at the Sandy Beach Lift Station site. Now that the regional water system and truckfill is built, review record documentation and survey, adjust building/underground locations as required to work around regional water infrastructure.
 2. Finalize the process design at both lift stations. The design is at a 90% stage so minimal work should be needed to complete the process design.
 3. Coordinate pump selections with Xylem for both sites (confirm if the previous pump selections are still valid and/or if any modifications are required to the pumps and associated equipment).
 4. Update the SRS quote package with Flowpoint for the Sandy Beach Lift Station site.
 5. Finalize the land acquisition at the Intermediate Lift Station site. We have an allowance for Scott Land (\$2,500) that may need to be used for finalizing the land acquisition. Legal survey was being completed just before the project was put on hold.
 6. Complete the structural design for the building and generator pad foundations at both lift station sites.
 7. Complete the electrical design for both lift station sites.
 8. Update and apply for a new power service at the intermediate lift station site and coordinate with the regional water commission on power service at the Sandy Beach lift station.
8. Hold two project coordination/update meetings with the Darwell Lagoon Commission.
9. Tender Administration as previously outlined in the proposal including posting the tender, holding a pre-bid meeting, answering contractor questions, review of tender submissions, providing a tender summary and recommendation of Contract award.

WASTEWATER UPDATE AND REVIEW

The Summer Village of Sandy Beach



ALL Residents

January 2023

There is a perception, rumours, and concerns that council is attempting to force a particular agenda about how our village should manage wastewater disposal over the next 5-10 to 20 years.

I wish to make it clear **that council has not made any decisions that have** obligated our village towards any particular new program on how we dispose of wastewater.

We have however, been put in the position to consider, and make decisions on proposed solutions regarding wastewater disposal by the County. Currently we have a truck haul agreement with the Town of Onoway that is up for renewal in April this year.

The previous and present council has been involved in various engineering studies in cooperation with Sunrise Village and Lac Ste. Anne County, in regards to the proposed Transmission Line and the options within that proposed system. The two villages also undertook preliminary engineering studies to assess the future potential of our own lagoon. The goal of these studies was to **gain information and costs** that could be presented to the public and discussed.

To gather information and present it to the public is the mandate of municipal councils and that is what we have done, and are continuing to do, in order to have as complete an information package as possible to present to the public. Much of

this information has been presented at council meetings and posted on the website as it is obtained.

Final decisions on the outcome of this information HAVE NOT been made.

A SUMMARY OF THE PROCESS

- Jan 2018 our lagoon was closed due to extreme high levels and critical potential for an environmental spillage that would have flowed onto Alexander First Nation lands. An agreement with the Town of Onoway was obtained to truck our sewage to their lagoon, it being the closest to our villages. One hauler was authorized by Onoway.
- During 2019 we obtained the services of Morrison Hershfield engineering to work with Environment for a one-time emergency discharge. We also had the engineers complete a study and provide options on bringing our lagoon back online. March 2020, the most feasible and long-term (20 years) proposal was to build an addition 4th cell.

Project cost at that time approximately \$3 million dollars. The discharge would need to be complete to proceed with a further study to assess actual existing lagoon repair costs.

- 2020 the Councils of Sunrise Beach and Sandy Beach were brought into the discussions with Lac Ste. Anne County with regards to a County wide transmission line project that would tie the existing lagoons into a line that would eventually go to the Edmonton Regional Wastewater Treatment facility. Alexander First Nation was included in the original project and would have a pipeline to our lagoon, which would then be piped to Onoway with future tie-in to Edmonton System. When Alexander declined participation in the project, our lagoon was taken off, and a truck dump just outside our village was proposed. (NOTE that if our lagoon had remained in

the project the county would have wanted access, which would have increased traffic a Lakeshore Drive considerably.)

- The build cost associated with a truck dump and transmission line to Onoway was \$9,700,00.00 with 90% government funding, municipalities would be responsible for \$969,320.00. County @ 51% = \$494,353.00 Sunrise @ 19% = \$184,171.00 and **Sandy Beach @ 30% = \$290,796.00**. This **build** cost is well within our ability to pay for, without borrowing or tax increase.
- The issue that concerned both Sandy and Sunrise Councils at this point, was the cost of operating the line and the required return on Capital Reserves. Discussions with the Hauler did not indicate that there would be a significant reduction in their charges, since they had a system in place that reduced their transportation costs to Onoway.
- January 19 2021 County requested a “definitive answer as to our participation in the phase A transmission line project (with truck dump station) by March 1 2021. February 25 2021 letters were sent to the County expressing our concerns, and requesting definitive costs on the proposed operation budget. On April 2021 both villages sent letters declining to join the project as is stands, but would consider other options and/or future participation.
- March 2022 Both Sunrise and Sandy Beach Councils agreed to participate in a Hydraulic Study as **proposed by the county**, to determine the costs of adding village wide collection systems to the transmission line project. The study was government funded at 90%, and was completed July 13 2022.
- Feb 9 2023 The Deputy Mayor will be meeting with Onoway council to request their consideration of a 5-to-10-year extension of dumping privileges to their lagoon, if we remain on a truck haul only system.

- **LAGOON** November 2021: The joint lagoon committee agrees to have our engineering firm Morrison Hershfield submit a grant application on our behalf, for a study to further investigate the issues on our existing lagoon. **The grant is denied.** Alberta Environment will not approve expansion of a non-discharging (evaporative only) lagoon, when there is a more environmentally sustainable option such as the Transmission Line, available to our village.
- **Alexander First Nation:** On April 2022 our Council met with Alexander First Nation to discuss various infrastructure projects that they are pursuing. They are hoping to build a treatment plant on their lands, but have not gotten back to us about any costs or timelines in regards to this project.

WHERE WE ARE TODAY: January 19, 2023

1. We will not be receiving funding for any upgrades or expansion to our lagoon as long as there is a transmission line project being developed within Lac Ste. Anne County.
2. We can afford the cost of the build, for the Transmission Line and a truck dump station. The operating costs (at this time) would be \$0.012 per gallon hauled, or \$12.00 per 1000 gallons. There would be a capital recovery cost of about \$175.00 per year for all village taxable lots. There is no guarantee on the proposed operational costs, and they will be subject to change.
3. The costs of a village collection system are high. The operation and capital cost would be around \$100.00 per month per taxable lot, whether used or not. In addition there is the individual cost of hooking into the system averaging around \$7,500.00, and for some, a possible tank replacement.
4. Remain on a truck haul only system. This of course, is the least environmentally friendly solution. Other considerations are potential future

changes by the Provincial Government in regards to the use of holding tanks near bodies of water. Costs of Truck Hauling will always be subject to increased fuel and maintenance costs.

Conclusion

This is the information that council has been gathering over the past 4 years.

Council HAS NOT committed our village to any one option and has put forth new information and updates when received.

We will be discussing with the County to set a date in May for a public hearing/open house on this matter.

We appreciate the interest that the community has shown in this matter, and their participation in the Nov. 2022, Lagoon Committee and Council meetings. We encourage all to come to the REGULAR Council meetings and ask questions during the question/round table session at the end of our regular meeting AFTER adjournment.

There is much to be considered, and any final decision will have an effect on this village today and into the future.

Michael Harney

Deputy Mayor,

Michael Harney

18 Jan 2023

Statement date December 31, 2022

Transit number 08989-219

Customer number 0000063389

Page number 1 of 1

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SANDY BEACH AND SUNRISE BEACH
 JOINT LAGOON COMMITTEE
 JOINT LAGOON AUTHORITY
 COMP 63 RR 1 SITE 1
 ONOWAY AB TOE 1V0

Your ATB Financial Branch

08989 Onoway Branch
 4910 50 St
 Onoway AB
 TOE 1V0

If you have any questions, contact us at
1 800 332-8383 or visit us at
www.atb.com

A summary of Deposit Account Pay As You Go Account



00110547724	Transit # 08989-219
Your balance forward on Nov 30, 2022	\$3,001.53
Debits to your account (1 item)	-\$8.00
Credits to your account (0 items)	+\$0.00
Your closing balance on Dec 31, 2022	=\$2,993.53

SCANNED

Details of your account transactions

Date	Description	Debits to your account (\$)	Credits to your account (\$)	Balance (\$)
Nov 30	Balance forward			\$3,001.53
Dec 31	Monthly Maintenance Fees	\$8.00		2,993.53
Dec 31	Closing balance			\$2,993.53

Find an error? Give us a call or drop by a branch. We'll take care of it.