

DARWELL LAGOON COMMISSION

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Mayor
Summer Village of Sandy Beach
Site 1, Comp 63
RR1
Onoway, AB
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December 14, 2022

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 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.

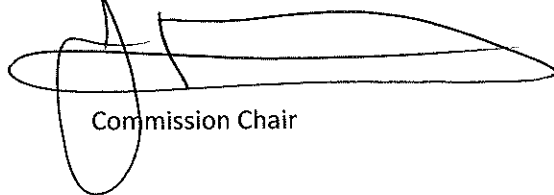
As indicated, the revenue stream for the Project has been affected and a revised Financial Plan is attached for your information. The Financial Plan includes a contribution to the Capital

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, stylized loop on the left 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

**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.

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

ALLOCATION of COSTS

	31-Oct-22				
	SPENT to DATE		FINALIZE DESIGN		TO OBTAIN 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)		\$ 39,558.42	\$ 8,933.00	\$	48,491.42

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.
				\$ 242,300
Total O&M Expenditures				\$ 242,300
Amorization of Assets (NON-CASH Item)				-\$ 25,050
O&M CASH REQUIREMENT				\$ 217,250