


AGENDA
COUNCIL COMMITTEE MEETING
MUNICIPAL DISTRICT OF PINCHER CREEK
September 25, 2018
9:00 AM

1. Approval of Agenda
2. Closed Meeting Session
 - Public Works Call Log – FOIP Section 16
 - Legal Advice – FOIP Section 25
3. RCMP (9:30 am)
 - Sgt. Mark Harrison will be attending the meeting
4. Beaver Mines Additional Work
 - Administration Guidance Request from Director of Operations, dated September 19, 2018
 - Capital Project List and Summary, dated September 20, 2018
5. Round Table Discussion
6. Adjournment

Administration Guidance Request



TITLE: BEAVER MINES ADDITIONAL WORK	
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PREPARED BY: Leo Reedyk	DATE: September 19, 2018
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DEPARTMENT:

		ATTACHMENTS: 1. Brownlee Letter dated December 13, 2016 (Closed Meeting) 2. Beaver Mines Advisory Group meeting notes from September 10, 2018
Department Supervisor	Date	

APPROVALS:

	Sept 20, 2018		20/Sept/2018
Department Director	Date	Interim CAO	Date

REQUEST:

That Council provide guidance on additional work that could be done within Beaver Mines during the water wastewater construction project including:

- Sale of the existing laneways to adjacent residents;
- Identifying and constructing private property tie ins to the water and sanitary infrastructure;
- Including a trail system in the construction contract;
- Completing 3rd Ave between 3rd and 4th street including asphalt;
- Providing additional parking for the park; and
- Funding some or all of the upgrades to the project through a local improvement tax.

BACKGROUND:

Discussions with the Beaver Mines Community Advisory Group have identified a number of opportunities that can be completed as a part of the water servicing project. Some options can be included in the existing project scope as they are water and wastewater related while other options will need to be funded outside of existing grant funds.

Administration Guidance Request

If any of these non-water servicing items are to be included in the project tender as a separate schedule, engineering will need to be completed prior to tender. A statement of probable cost and engineering fee schedule can be obtained from MPE Engineering for any of the above noted items if Council wishes.

FINANCIAL IMPLICATIONS:

There is a cost to both residents and the Municipal District.

Beaver Mines Community Association (BMCA)
Water and Wastewater Community Advisory Group (CAG)
Meeting with MD, Monday Sept 10, 2018
Attendees: MD: Sheldon Steinke, Leo Reedyk
BMCA: Bert Nyrose, Lynn Calder, Gordon Petersen, Tyler Pereverziff Absent:
Mike Safranka

Highlights (see attached spreadsheet for running list of action items)

1. MD provided draft application package based on 2 sample properties. Bert provided preliminary input on what should be included (handwritten notes provided to MD). CAG will review and provide additional comments. CAG indicated most people will need to understand ballpark costs before signing up.
2. CAG indicated community preference to have MD coordinate connections for those that hook up. MD to include as separate schedule in contract. To be paid by landowners up front or via local improvement tax (requires 61% approval by those affected).
3. MD plans to include one curb stop per house whether people connect or not – assuming that eventually 100% will connect.
4. Discussed possibility of workshops with MPE and/or contractors and community so people know what's involved and how to make decisions (e.g. location of curb stop, open cut vs. directional drilling, keeping or abandoning existing well, etc).
5. Discussed benefits to coordinating project with proposed paved pathway (e.g. fill removed for pipelines could be set aside for pathway) and possible improvements to park. General discussion on gazebo, drainage, turn-around space, parking and utilities. MD would like a formal request from BMCA as to what portions of the pathway they support and what improvements/utilities they might like to see in the park. BMCA may be setting up a park planning committee to start to discuss these issues.
6. Bert provided suggestions regarding special provisions in contract to minimize disruption (e.g. traffic accommodation, hours of work, noise bylaw, open excavations, debris and equipment storage, site reclamation, access)

7. Laneway purchase – Sheldon indicated MD can only sell property for assessed value and will need to do surveys. Property taxes would go up proportionally. This will make it more difficult to get 100% buy-in. Agreed we should resolve before servicing done.

8. Discussion regarding most recent construction drawings. Bert provided his marked up plans to Leo. Key comments/questions (see also Bert's handwritten notes provided to MD):
 - Roadway criteria – paving, gravel? May be more than needed
 - 7th St will be the only one left not paved
 - culverts should be assessed up front as most will likely need to be replaced
 - use of vibratory compaction equipment
 - discrepancies in drawings – typicals vs. actuals
 - hydrant spacings
 - clearing to lift station on 5th St
 - variable size of driveways, 1m lip
 - connection between 3rd and 4th St
 - option to flip sewer to uphill side of 2nd Ave
 - split sewer on 2nd Ave – how does homeowner in gap connect?
 - Dog legs in pipelines
 - Elevations of gas line
 - Issues on 5th St – try to avoid construction in ditch
 - New gas line coming in S of store?
 - Proposed roads and trails

9. Agreed to meet every 2 weeks until it is determined we can meet less frequently. Next meeting Monday Sept 24th at 9:30AM

Action Items/Decisions			
Due	Who	Item	Status
24-Sep	Sheldon	Provide MD comments on draft TOR to CAG	In Progress
24-Sep	Bert/CAG	Provide comments to MD on draft application package	In Progress
31-Oct	Sheldon	Finalize Terms of Reference for CAG (MD Council Approval)	In Progress
31-Oct	Leo	Select sewage treatment option/location	In Progress
31-Oct	leo	Confirm requirements for well/septic system abandonment	In Progress
31-Oct	Leo	Finalize application package and send to landowners	In Progress
31-Oct	Leo	Determine ballpark costs for connection/operation	In Progress
31-Oct	Council	Determine if standpipe will be included in scope	In Progress
31-Oct	Council	Determine incentives to connect	In Progress
30-Nov	Community	Return applications to MD	Not started
30-Nov	Bert/BMCA	Identify what portions of park pathway supported by community	Not started
30-Nov	Bert/BMCA	Determine improvements/utilities BMCA would like to see in park	Not started
31-Dec	Sheldon	Hold community workshop with MPE?	In Progress
31-Dec	Bert/BMCA	Hold community workshop with contractors?	Not started
31-Dec	Leo	Do survey in community to get accurate property boundaries	Not started
31-Dec	Sheldon	Confirm laneway purchases - price/offer/finalize	In Progress
2019?	Leo	Determine special provisions to minimize disruption	In Progress
2019?	Leo	Tender documents for servicing including input from CAG	In Progress
2019?	Leo	Confirm responsibilities for gas/power locates & highway permits	Not started
2019?	Council	Pass utility bylaw	Not started
2019?	Council	Determine fee schedule	Not started
2019?	Council	Pass local improvement tax for connections	Not started



Client: Municipal District of Pincher Creek
 Prepared: GN
 Reviewed: LS/JP
 Date: 20/09/2018

Capital Project List and Summary

Project	Status	Tender Acceptance Date	Construction Start Date	Contract Substantial Completion Date	Critical Path / Priority	Study Estimate	Current Projected Completion Cost	Funding Sources	Funded Amount	Projected/ Estimated MD Portion	Comments
Raw Water Intake Upgrades	Construction	12-Dec-17	12-Feb-18	30-Apr-18	1	\$ 1,813,000.00	\$ 2,676,280.62	Alberta Community Resilience Program (90% of \$1,808,755.56) Disaster Relief Program (\$229,388.20)	\$ 1,857,268.20	\$ 819,012.42	Substantial completion has been reached and MD has been utilizing the Oldman Reservoir as a source of raw water since mid July.
Beaver Mines Regional Water Project Contract 1 - Pipeline	Construction	03-Oct-17	01-Nov-17	Schedule A - 31-May-18 Schedule B - 15-Oct-18	2	\$ 7,602,350.00	\$ 6,141,472.49	Water 4 Life Funding (88.26% of \$5,335,340.00) Caste Area Servicing Upgrades (100%) Total Blended Funding Rate = 91.44%	\$ 5,355,707.08	\$ 785,765.41	Pipe installation is complete with the exception of the Castle River crossing. Approval to complete the work has now been obtained; the Castle River crossing is tentatively scheduled to be complete by the end of October.
Beaver Mines Regional Water Project Contract 2 - Mechanical	Construction	12-Dec-17	Apr-18	31-Aug-18	3						WTP Upgrades are in progress, capacity upgrades to take place this week. Booster Station, Metering Station and Reservoir construction is ongoing and anticipated completion is mid-October.
Beaver Mines Water and Wastewater Servicing	Detailed Design	-	-	-	4	\$ 5,380,000.00	-	Small Community Grant (33% Federal, 33% Provincial, 33% MD) up to \$9,000,000. Federal Funding is not to exceed 50% of the project. <i>Values shown are preliminary estimates.</i>	\$ 3,586,666.67	\$ 1,793,333.33	Land negotiations are ongoing.
Beaver Mines Wastewater Treatment	Option Identification	-	-	-	4	\$ 3,740,000 to \$ 4,600,000	-	Remaining funding from Small Community Grant (estimated \$3,620,000). Additional funding has been applied for under the AMWWP Grant (Maximum theoretical amount of 75%). Federal Funding is not to exceed 50% of the project. Total funded amount is variable depending on MD's allocation of approved grants. Estimated MD portion highly dependent on selected wastewater treatment alternative.			Geotechnical investigations on lands identified by the MD of Pincher Creek have been completed and the information obtained is being reviewed.
Castle Area Servicing Regional Water Supply	Detailed Design	-	Oct-18	-	5	\$ 10,572,050.00	-	Provincial Funding (100%)	\$ 10,572,050.00	\$ -	Proposed alignment has been verbally approved by AT; awaiting final documentation. Land negotiations ongoing to finalize booster station locations.

Notes:

- All prices exclude GST.
- Contract 1 of the Beaver Mines Regional Water Project includes repurposing the existing raw water intake pipeline from the Castle River for use as a potable water transmission line. The Raw Water Intake Upgrades must be completed prior to this work taking place.
- EPEA approvals for the Beaver Mines Water and Wastewater Servicing Project will not be granted until there is a commitment to a wastewater treatment system for the community. The requirement for a wastewater treatment system prior to an EPEA approval being granted has been confirmed by Jeffrey Wu, Alberta Environment and Parks.



Awaiting Response
Application Not Complete
Amendments Required
Complete
Cancelled

Project: Beaver Mines Regional Water Supply - Raw Water Intake
Job Number: 1770-010
Prepared By: GN
Reviewed By: --
Date: 20/09/2018

Description	Submitted By	Attention To	Response Received	Reference Drawing(s)	Current Status	Approving Authority Document Number	Comments
Historical Resources	MPE	Alberta Culture and Tourism	27-Oct-17	N/A	HRA Response received.	4970-16-0009-001	
Temporary Field Authority	MPE	Environment and Parks	22-Nov-17	--	Complete	PTA 170071	
Use of Works Agreement (AEP Operations)	--	Susanne Lampier	26-Oct-17	--	Complete/Amended Existing Agreement.	--	
DFO Authorization	MPE	Department of Fisheries and Oceans	06-Nov-17	C1.1-1.4 Intake For Regulatory Approval	Authorization or permit not required	17-HCAA-01337	
Transport Canada	MPE	Transport Canada - Navigable Waters	21-Sep-17	C1.1-1.4 Intake For Regulatory Approval	MD Decision required.	N/A	
Beaver Mines Water License	MD	--	--	--	Documentation submitted to AEP.	--	AEP will require submittal of finalized design and completed operations program.
Lundbreck/Cowley Water License Transfers	MD	--	06-Jun-18	--	Public Review Process	14389, 23592	Public notice issued. MD to updated water shortage response plans
Water Act Approval for Constructing Works	MPE	RAC/Jason Cayford	25-Oct-17	C1.1-1.4 Intake For Regulatory Approval, Survey Plan	Approved	00402049-00-00	
Environment and Parks Disposition	MPE	Deborah Johnstone	12-Feb-18	C1.1-1.4 Intake For Regulatory Approval, Survey Plan	Approved	PPA 170005	
First Nations Consultation	MPE	ACO	--	--	--	--	
Alberta Transportation Roadside Development	MPE	AT	21-Sep-17	C1.1-1.4 Intake For Regulatory Approval	Complete	5113-17/33-29-16	Development permit expires September 21, 2018



Awaiting Response
Application Not Complete
Amendments Required
Complete
Cancelled

Project: Beaver Mines Regional Water Supply
Job Number: 1770-010
Prepared By: GN
Reviewed By: --
Date: 20/09/2018

Description	Submitted By	Attention To	Response Received	Reference Drawing(s)	Current Status	Approving Authority Document Number	Comments
WTP Operating Certificate Amendments	MPE	AEP	--	--	Awaiting response.	--	
Utility R/W and Access Agreements	Bridge Land/MPE	--	--	--	Complete	--	
First Nations Consultation (Castle River)	Bridge Land/MPE	ACO	--	--	Complete	FNC 201705822	
Utility Crossing Agreements	MPE	Various Utility Companies	--	--	Complete	--	
Highway 507 Crossing and Paralleling	MPE	AT	--	--	Complete	Permit 33-41-17	
Public Lands Disposition (shoreline and riverbed of Castle River)	Bridge Land/MPE	AEP	--	--	Complete.	DLO170168	
DFO Authorization	Bear Tracks/MPE	Department of Fisheries and Oceans	--	--	Complete	--	
Transport Canada	MPE	Transport Canada - Navigable Waters	--	--	Complete - No action required	--	
Historical Resources	Arrow Archeology/MPE	Alberta Culture and Tourism	--	N/A	Approval from ACT received.	4970-17-0024-001	
14 Day Water Act Notification - Wetlands		AEP	--	--	Complete	--	
14 Day Water Act Notification - Castle River Crossing		AEP	--	--	--	--	



Awaiting Response
Application Not Complete
Amendments Required
Complete
Cancelled

Project: Castle Area Regional Water Supply
Job Number: 1770-016-00
Prepared By: GN
Reviewed By: --
Date: 20/09/2018

Description	Submitted By	Attention To	Response Received	Reference Drawing(s)	Current Status	Approving Authority Document Number	Comments
Castle Parks / CMR Water License	--	--	--	--	Submitted Nov 16, 2017	--	Finalized drawings and land permissions are to be submitted when finalized.
Provincial Parks Disposition	--	--	--	--	--	--	Application being finalized, to be submitted week of September 24, 2018
Provincial Parks Temporary Field Authority	--	--	--	--	--	--	Requires work area to be defined prior to application submittal.
Temporary Field Authority for Boreholes	MPE	AEP	20/09/2018	--	Complete	--	Complete.
Water Act - Castle River Crossing	--	--	--	--	--	--	Requires finalized pipeline alignment.
Water Act - West Castle River Crossing	--	--	--	--	--	--	Requires finalized pipeline alignment.
Alberta Transportation Roadside Development	MPE	AT	--	--	Awaiting final documentation	--	MPE has received verbal confirmation of alignment.
Public Lands Disposition	--	--	--	--	--	--	Alternate booster station location determined to eliminate Public Lands requirement.
First Nations Consultation	--	--	--	--	--	--	AEP will not require FNC, FNC no longer required due to elimination of Public Lands disposition requirement.
Fisheries and Oceans	MPE	DFO	17-Aug-18	--	Complete	--	No action required.
Transportation Canada	MPE	TC	02-Aug-18	--	Complete	--	No action required.
Historical Resources	Arrow Arch.	ACT	--	--	--	--	