

**AGENDA**  
**COUNCIL COMMITTEE MEETING**  
**MUNICIPAL DISTRICT OF PINCHER CREEK**  
**June 26, 2018**  
**9:00 AM**

1. Approval of Agenda
2. Beaver Mines Water and Wastewater Project (9:00 am)
  - Tom Leavitt, with MPE Engineering Ltd, will be attending the meeting
  - Capital Project List and Summary, dated June 21, 2018
3. Question and Answer Period (11:00 am)
4. In-Camera
  - Legal – Call Logs – FOIP Section 16
5. Roundtable Discussion
6. Adjournment



Client: Municipal District of Pincher Creek  
 Prepared: GN  
 Reviewed: LS/JP  
 Date: 6/21/2018

### 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	All major equipment is now on-site, submersible pumps and intake screens have been installed. Contractor is preparing a commissioning schedule for review.
Beaver Mines Regional Water Project Contract 1 - Pipeline	Construction	3-Oct-17	1-Nov-18	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%) <b>Total Blended Funding Rate = 91.44%</b>	\$ 5,355,707.08	\$ 785,765.41	Contractor has installed 80% of pipeline. Re-purposing of the existing raw waterline is scheduled for Mid-July.
Beaver Mines Regional Water Project Contract 2 - Mechanical	Construction	12-Dec-17	Apr-18	31-Aug-18	3						Contractor is preparing shutdown plans to submit to MPE for review prior to moving forward with upgrades at the WTP. Underground piping and helical screw piles are completed at the booster station. Metering Station vault is installed, and underground piping has been completed from 3rd Street to the Metering Station. Anticipated delivery date for the steel reservoir is early August.
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. <b>Values shown are preliminary estimates.</b>	\$ 3,586,666.67	\$ 1,793,333.33	Tender package nearly complete; awaiting decision on wastewater treatment system. MPE has received verbal confirmation from AEP that construction may proceed on the basis of storing and hauling wastewater, feasibility will depend on initial connections. All landowners from whom ROW may be obtained have been sent proposed agreements and land compensation amounts.
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.			MD Administration has sent letters to 4 landowners; a response was received from one landowner declining the overture. MD and MPE have received verbal confirmation that the Town of Pincher Creek is preparing a document outlining their preferences for a system that would send Beaver Mines WW to the Town for treatment.
Castle Area Servicing Regional Water Supply	Detailed Design	--	Sep-18	--	5	\$ 10,572,050.00	--	Provincial Funding (100%)	\$ 10,572,050.00	\$ -	Alignment updated to be within Highway ROW for entire length. Drawings are being updated to submit application for roadside development. Land negotiations for Castle Park booster station are ongoing including alternative locations for booster station.

**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:** 6/21/2018

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	6-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	--	6-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



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**Project:** Beaver Mines Regional Water Supply  
**Job Number:** 1770-010  
**Prepared By:** GN  
**Reviewed By:** --  
**Date:** 6/21/2018

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.	--	AEP representative away until July 6.
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	--	--	Awaiting Response from Public Lands. Submitted on Sept 18, 2017.	--	MPE met with Public Lands on June 18, 2018. Public Lands to provide schedule for approval.
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	--	--	--	--	Application to be submitted 14 days prior to completing the Castle River crossing







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:** 6/21/2018

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	--	--	--	--	--	--	Requires finalized pipeline alignment.
Provincial Parks Temporary Field Authority	--	--	--	--	--	--	Requires work area to be defined prior to application submittal.
Temporary Field Authority for Boreholes	MPE	AEP	6/21/2018	--	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	--	--	--	--	--	--	Requires finalized pipeline alignment.
Public Lands Disposition	--	--	--	--	--	--	Disposition not required for pipeline within highway ROW. Disposition required for Castle Mountain booster station.
First Nations Consultation	--	--	--	--	--	--	AEP Consultation and Engagement Specialist to review preliminary alignment and provide recommendation for FNC.
Fisheries and Oceans	MPE	DFO	--	--	Awaiting Response	--	It is not expected DFO will require a permit for the proposed work; awaiting confirmation.
Transportation Canada	MPE	TC	--	--	Awaiting Response	--	Awaiting response from TC to confirm application not required.
Historical Resources	--	--	--	--	--	--	Requires finalized pipeline alignment.

-----Original Message-----

From: Bert And Marley Nyrose [mailto:[bmnyrose@telus.net](mailto:bmnyrose@telus.net)]

Sent: June 20, 2018 5:16 PM

To: Sheldon Steinke <[CAO@mdpincercreek.ab.ca](mailto:CAO@mdpincercreek.ab.ca)>

Subject: Questions for MPE

Hi Sheldon ; Good meeting last night . I sent in a list of "questions" under the M. D's Contact Us site. See what you think and if more info is needed , feel free to contact me. On another note I had suggested that the M.D. ask the hard questions about the status of the current contracts . Not sure if this is happening . From my A.T. days ; we requested the consultant provide concise details of bid item status and especially extra work items that can get away due to the unknowns in the contracts as presented ( rock , for one ) This was required monthly along with final cost projections for the entire project . As there are also penalty items for completion stages the status of these need to be timely as there is a tendency over time for them to slide , if you know what I mean . From what I've seen /heard at council meetings this information is either kept back or not made public . As you noticed, some of the taxpayers are questioning the accounting processes . The grant funding under various programs for different components of the contracts is also a concern as it appears the M.D. is fronting all costs and may not be getting timely reimbursements . Castle Water line project ; additional costs for the upgrades to the current contracts (Pipe / pump / reservoir sizes etc.) to accommodate Parks seemed way lower than the initial figures and the return for this was in an increased grant percentage that made the actual numbers less obvious . As some of the taxpayers are making noise about the costs being incurred for these projects the tracking is critical . Spread sheets showing the break-down of funding ( source vs. expenditure ) per project component were suggested and may be available but if they are the public isn't aware. Enough for now ,right ?



## MDInfo

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**From:** info@mdpincercreek.ab.ca ,  
**Sent:** Wednesday, June 20, 2018 4:22 PM  
**To:** MDInfo  
**Subject:** Contact Form

Site: mdpincercreek.ab.ca

Name: Bert Nyrose

Subject: Contact Form

Text: Questions for MPE -June 26/18 meeting . relating to water /sewer services as shown on plans dated 18-02-22; SANITARY-. Why does line stop short of the park; What is the design cross section for placement from 5th St. to 8th St; Why do SMH 18 t0 15 dog-leg instead of using the munic reserve to north of 4th St. Who /when will make contact with owners for service locations as per note 2. Is there consideration for a walkway from 5 to 8 St . assuming the sanitary service is just off the shoulder and this can be designed as part of the restoration . Will owners on E side of 2nd Ave be able to connect downhill to avoid lifting . WATER - Park is connected , good thing . Water and sewer are both in 774 ditch between 5 and 6 St making for a wider excavation . What will this cross - section look like ? Where will excavation material be stockpiled to avoid disruption to traffic on 774. Why is there not a cross connection on 7 th street. Why does line go through private property on 6th St as opposed to connecting from the Park. Is Fire Safe clearing part of the utility placement and if not , why not? What are the special provisions regarding access , open excavation duration and safety during construction . On another issue , why is the access road to the reservoir designed with 5 curves and up to 13.7 % gradient when a straight line from the first curve to the reservoir is possible . Is the road 7m or 8m , (both are shown )The roadway as proposed will be a problem in winter .

Reason: Question

From: bmnnyrose@telus.net

Phone: 915-3882