



COMMITTEE MEETING DATE: 2018-10-17

BRIEFING NOTE - TO COMMITTEE

SUBJECT

Community Water Truck Fill Station – For Information

RECOMMENDATION

THAT the County of Vermilion River Policy and Priorities Committee receive the Community Water Truck Fill Station Briefing Note for Information.

DETAILS

Background: On January 17, 2017, Urban Systems sent a letter to the County of Vermilion River in regards to the potential of construction of a potable water truck fill station associated with ACE Water construction. The letter was discussed at the January 23, 2017 Regular Council Meeting at which time Council directed administration to have discussions with the Village of Marwayne in regards to this opportunity. Marwayne currently has a truck fill station and therefore the County would bear the sole financial responsibility of the project should it be approved by Council. Construction prices quoted by Urban Systems ranged from \$250,000 to \$1,000,000 per truck fill station depending on location and surrounding infrastructure.

At past Blackfoot Hamlet meetings, concerns were raised by County ratepayers with respect to the need of a potable water truck fill station. At the May 9, 2017 Council Meeting Council further discussed the potential for a water truck fill station and received the briefing note as information. In late 2017, Council directed administration to contact the Village of Kitscoty regarding purchase and viability of two wells east of Kitscoty for agricultural and fire purposes.

Discussion: The Village of Kitscoty approached the County regarding purchase of two wells east of Kitscoty on the south half of 36-50-3-W4M at a price to be determined. The water wells would be appropriate for agricultural use, to provide a high-volume water source for area producers and to provide a backup water source in the event of extended drought conditions. County of Vermilion River Fire, Agriculture and Public Works do not need additional access to water in the Kitscoty area.

Desired Outcome (s): THAT the County of Vermilion River receive the briefing note on the potential for a community water truck fill station as information.



Response Options: THAT the County of Vermilion River Policy and Priorities Committee receive the briefing note on the potential for a community water truck fill station as information.

THAT the County of Vermilion River Policy and Priorities Committee approve the construction of a community water truck full station within the County boundary.

IMPLICATIONS OF RECOMMENDATION

Financial:

Estimated Construction Cost per truck fill station:

Water well purchase	\$TBD
Land purchase	Est. \$16000+
Tank (vertical potable water tank, gravity feed at 450 gallons/minute – Automated Tanks)	\$46 000
Pump and key lock system	\$TBD
New road construction into well	Est. \$182000
Road upgrade to site	Est. \$210000
Site construction and turn around	Est. \$25000
Water treatment (if desired)	\$TBD
Decommission water line	\$TBD
Total Construction Cost per truck fill station:	<u>\$485000 - \$625000</u>

Estimated Annual Operating Cost per truck fill station (2014-2018):

CVR average annual Expenses per community water well	\$14450
CVR average annual Revenue per community water well	\$4450
<u>Net Annual Operating Cost per CVR community water well</u>	<u>\$10000/year</u>



ATTACHMENTS

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DATE:2018-10-10