

PDWA: Potable Water Options

To: Mayor and Council, Town of Wadena | Submitted by: Jennifer Taylor, CAO
Regular Town Council Meeting
September 17, 2019

RECOMMENDATION

THAT Council review the information provided and give direction on a potable water solution.

BACKGROUND

Water Security Agency issued a Town-wide Precautionary Drinking Water Advisory on September 8 due to a depressurization of the water distribution system as a result of a water main break. PDWAs are issued when there is a possibility that problems with the water supply system may exist, although an immediate public health threat has not been identified.

Once issued, PDWAs remain in effect until the system work is completed and two lab tested water samples, taken 24 hours apart, confirm that the water quality meets regulatory standards. Due to fluctuating pressure in the distribution system as a result of isolating the water tower for the relining project, it has been difficult to get consistent samples from three areas of Town.

The pressure fluctuations are causing sediment disturbance in the water distribution system and as a result some residents, particularly in the North East and where water lines dead end, are experiencing brown water. Staff have been flushing hydrants in the areas where there are reports of brown water. There have been reports that this has improved the water.

The water tower lining project continues, although the wet and humid weather have caused delays. At best, it will be at least another 10 days until the project is complete.

REPORT

The following information has been compiled on options and costs to provide a potable water source as a backup for residents that are experiencing brown water not suitable for drinking:

Flaman Southey sean.kinequon@flaman.com

1,250 gallon black potable water tank \$1,050

950 gallon black potable water tank \$1,450 (low profile design is more costly)

18ft car trailer is \$99/day. At least a $\frac{3}{4}$ ton is needed to pull it. The trailer can haul 14,000lbs (trailer weight included). 1,250 gallons = 10,450lbs

An SGI heavy trailer G Endorsement on a Class 2, 3, 4 or 5 licence or a Class 1 licence is required to pull a heavy trailer weighing more than 4,600kg (10,141lbs), including the load. Joel has a Class 1A licence.

Nutrien Wadena

1,250 gallon white potable water tank \$1,000

1,250 gallon black potable water tank \$1,060

Not in stock but can deliver within 24 hrs for a delivery charge of \$90.

3 Boyz Plumbing Foam Lake

1,000 gallon tank and will deliver for \$250/load. He comes and fills tanks and leaves.

Brad's Oilfield Service Saltcoats 306-621-1026

Tanks are permanently mounted on trucks and he has two options:

4,800 gallon tank

3,600 gallon tank

\$125/hr for truck running + cost of H2O (assuming fill in Foam Lake)

\$500/24hr day rate for a truck to sit on site

Needs a day or two notice preferably but could do Thursday Sept 19 if notified early Sept 18th

Bulk Water Rates

Wynyard \$1/160 gallons

Foam Lake \$1/60 gallons

Watson \$1/55 gallons

TSL Mechanical Lanigan 306-365-3127

Tanker size unknown \$169/hr + cost of H2O + mileage

RMW Regina

7000 gallon tanker \$189/hr to deliver

Was unsure if they would have a trailer available to leave on site.

Rec Centre

Water could be provided from the Rec Centre to residents; however, they would still boil.