

WATER SERVICES TOWN HALL MEETING

SEPTEMBER 16TH, 2020

MEETING OVERVIEW


- WHY WE ARE EXPLORING NEW OPTIONS AND WHAT OPTIONS HAVE BEEN EXPLORED?
- WHAT IS THE PROPOSAL COUNCIL IS CONSIDERING?
- WHAT IS THE CURRENT STATE OF WATER RATES AND SERVICES IN 2020?
- COMMUNITY BENEFITS OF SASKWATER'S PROPOSAL
- COMMUNITY RISKS OF SASKWATER'S PROPOSAL
- CLOSING COMMENTS
- OTHER METHODS OF PROVIDING FEEDBACK

WATER SYSTEM ASSESSMENT 2015

- THE WATER SECURITY AGENCY HAS IDENTIFIED AMMONIA AS BEING A PROBLEM AREA FOR THE TOWN'S CURRENT WATER TREATMENT PROCESS.
- THE WATER SYSTEM ASSESSMENT DONE IN 2015 BY MPE ENGINEERING AS REQUIRED BY *THE WATER REGULATIONS (2002)*, IDENTIFIED ARSENIC LEVELS INCREASING IN THE RAW WATER OVER TIME. THE TREATED WATER QUALITY EXCEEDS THE AESTHETIC OBJECTIVES OF CHLORIDE, SODIUM, TOTAL ALKALINITY AND TOTAL DISSOLVED SOLIDS (TDS). THIS REPORT ALSO NOTES THAT "THERE IS A SIGNIFICANT AMOUNT OF AMMONIA IN THE RAW WATER" WHICH CAN INTERFERE WITH THE DISINFECTION PROCESS.



OPTIONS THAT HAVE BEEN REVIEWED


- REVERSE OSMOSIS
 - ADDITION OF PROCESSES TO EXISTING WATER TREATMENT SYSTEM
 - REGIONAL WATER SYSTEM
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BENEFITS AND CONCERNS REGARDING REVERSE OSMOSIS

- ADDRESSES THE CONCERNS IDENTIFIED BY THE WATER SYSTEM ASSESSMENT
- AESTHETICS OF WATER WOULD IMPROVE FOR RESIDENTS
- THE INITIAL COST WOULD BE APPROXIMATELY \$1,628,000 WHICH WOULD HAVE TO BE BORNE ENTIRELY BY THE RESIDENTS OF THE TOWN OF LASHBURN WITHOUT THE LIKELIHOOD OF GRANT MONIES:
- THE TOWN WOULD HAVE TO ENLARGE THEIR LAGOON AT AN ESTIMATED COST OF \$1,138,000 TO ACCOMMODATE THE REJECT WATER FROM THE RO SYSTEM
- INCREASE IN LAGOON CAPACITY WOULD AFFECT DOWNSTREAM USERS OF THE MARSHALL EAST CONSERVATION & DEVELOPMENT AUTHORITY
- THE LIFESPAN OF THE RO SYSTEM IS 20 YEARS THIS WOULD ENTAIL COMPLETE REPLACEMENT OF THE RO SYSTEM AT THE 20 YEAR MARK AND CHANGING OF THE MEMBRANES ON AVERAGE EVERY 3 – 5 YEARS. BASED ON 3% INFLATION AND A 20 YEAR DEBENTURE PERIOD, THE TOTAL COST OF FINANCING WOULD BE 4.789 MILLION. THIS COST DOES NOT INCLUDE THE DEPRECIATION EXPENSE FOR THE EQUIPMENT
- NO REDUCTION TO DISTRIBUTION COSTS



BENEFITS AND CONCERNS OF THE OPTION TO DO ADDITIONS TO WATER TREATMENT PLANT

- COST OF THIS WOULD BE SLIGHTLY HIGHER THAN THAT OF THE REVERSE OSMOSIS SYSTEM BUT WOULD NOT REQUIRE AN IMMEDIATE LAGOON UPGRADE
 - WOULD NOT DEAL WITH ANY AESTHETIC ISSUES IN THE WATER
 - NO REDUCTION TO DISTRIBUTION COSTS
- 

The background is a light blue gradient. There are several realistic-looking water bubbles of various sizes scattered in the corners: top-left, top-right, and bottom-right.

SASKWATER'S PROPOSAL

AVERAGE WATER BILLS - 2019

TOWN RATES

- MONTHLY COST FOR AVERAGE RESIDENTIAL CONSUMPTION (17M3)
= \$65.16
- MONTHLY COST FOR AVERAGE COMMERCIAL CONSUMPTION (58M3)
= \$83.48

(2" METERS WERE USED FOR COMMERCIAL COMPARISONS – TYPICALLY FOUND IN A RESTAURANT, SCHOOL OR APARTMENT BUILDING)

SASK MUNICIPALITIES

- MONTHLY COST FOR AVERAGE RESIDENTIAL CONSUMPTION (17M3)
= \$99.36
 - LOW IS \$63.27, HIGH IS \$152.48
- MONTHLY COST FOR AVERAGE COMMERCIAL CONSUMPTION (58M3)
= \$321.18
 - LOW IS \$185.42, HIGH IS \$465.65

The background features a light blue gradient that transitions from a pale blue at the top to a slightly darker blue at the bottom. Scattered throughout the image are several realistic water droplets of various sizes, some with highlights and shadows, giving them a three-dimensional appearance. The droplets are primarily located in the top-left and bottom-right corners, with a few smaller ones in the middle-right area.

CLOSING COMMENTS

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- COUNCIL HAS NOT MADE A FINAL DECISION ON THIS AGREEMENT
- COUNCIL IS AWARE THAT THIS IS A VERY SIGNIFICANT DECISION FOR THE COMMUNITY AND WANTS TO HEAR PUBLIC FEEDBACK
- REGARDLESS OF WHETHER OR NOT COUNCIL VOTES TO ENTER INTO AN AGREEMENT WITH SASKWATER, THE RISKS OUTLINED IN THIS PRESENTATION REMAIN THE SAME AND WILL REQUIRE AN INCREASED INVESTMENT IN WATER SERVICES ALONG WITH CORRESPONDING RATE INCREASES INTO THE FUTURE

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FLOOR OPEN FOR QUESTIONS

OTHER WAYS TO PROVIDE FEEDBACK

- COMMENTS CAN BE EMAILED TO
TOWNOFLASHBURN@SASKTEL.NET
- LETTERS CAN BE DELIVERED TO BOX 328 LASHBURN, SK S0M 1H0
OR 78 MAIN STREET
- SPEAK TO COUNCIL MEMBERS ABOUT YOUR THOUGHTS ON THE
PROJECT OR TO GET MORE INFORMATION