



CITY OF LE SUEUR
REQUEST FOR COUNCIL ACTION

TO: Mayor and City Council
FROM: Richard Kucera, Public Services Director
SUBJECT: 2020 Comprehensive Water System Plan
DATE: For the City Council Meeting of Tuesday, May 26th, 2020

PURPOSE

Approve and adopt the 2020 Comprehensive Water System Plan.

SUMMARY

At the July 8th, 2019 City Council meeting, the Council approved SEH to complete the Comprehensive Water Supply Plan and Water System Master Plan for the City. This plan will help guide the City and staff with water system needs and financial planning for the water enterprise.

At the May 11th, 2020 City Council meeting, Chad Katzenberger with SEH gave a presentation with the draft Comprehensive Water System Plan. City Council members were asked to review the plan and submit questions to staff.

A couple questions were received. The first was to get a prioritized timeline/flowchart of the needs and alternatives. Staff put each alternative improvement listed on page 72 into a timeline. At this time, staff will be recommending City Council use Alternative A in future CIP-CEP planning.

Alternative A		
2021	Well 8	\$1,210,000.00
	Treatment Plant Optimization Study	\$40,000.00
	Low Zone 1 MG Tower	\$3,652,000.00
	SCADA Conversion Phase 1	\$500,000.00
	Water Main Condition Assessment	\$150,000.00
	Yearly Total:	\$5,552,000.00
2022	High Zone Redundant Water Line & Service Flow Booster	\$1,717,000.00
	Treatment Plant Upgrades	\$1,500,000.00
	High Zone Booster Station Generator	\$200,000.00
	SCADA Conversion Phase 2	\$500,000.00
	Yearly Total:	\$3,917,000.00
2023	Low to Middle Booster Station	\$600,000.00
	Truck Fill w/Hydropneumatic Tank	\$350,000.00
	SCADA Conversion Phase 3	\$500,000.00
	Yearly Total:	\$1,450,000.00
2024	Flushing Station/UDF	\$30,000.00
	SCADA Conversion Phase 4	\$500,000.00
	Yearly Total:	\$530,000.00
	Overall Total:	\$11,449,000.00

Alternative B		
2021	High Zone Well/Treatment Search	\$150,000.00
	Well 8 & Well 9 in High Zone	\$1,825,000.00
	High Zone Water Treatment Plant	\$5,400,000.00
	Low Zone 1 MG Tower	\$3,652,000.00
	SCADA Conversion Phase 1	\$500,000.00
	Water Main Condition Assessment	\$150,000.00
	Yearly Total:	\$11,677,000.00
2022	Low to Middle Booster Station	\$600,000.00
	SCADA Conversion Phase 2	\$500,000.00
	Yearly Total:	\$1,100,000.00
2023	Truck Fill w/Hydropneumatic Tank	\$350,000.00
	SCADA Conversion Phase 3	\$500,000.00
	Yearly Total:	\$850,000.00
2024	Flushing Station/UDF	\$30,000.00
	SCADA Conversion Phase 4	\$500,000.00
	Yearly Total:	\$530,000.00
	Overall Total:	\$14,157,000.00

The second question was regarding existing private wells in the City as an alternate to drilling a new well. This option will be examined as part of the process for well 8. We will do a cost analysis of using one of the private wells compared to installing a new well.

The plan itself is still quite large and can be found here:

[Le Sueur Comprehensive Water System Plan - 2020](#)

ACTION REQUESTED

Staff recommends the City Council approve and adopt the 2020 Comprehensive Water System Plan.