

**ELYSIAN CITY COUNCIL
SPECIAL MEETING
WATER TREATMENT PLANT FINAL DESIGN
NOVEMBER 13, 2023**

The Elysian City Council met in special session on Monday, November 13, 2023 at City Hall at 5:30 pm.

Roll Call: Mayor Tom McBroom; Councilmembers Robert Houlihan, Dennis Schnoor, Bryan Suemnick, and Derek Westby; City Administrator Lorri Kopischke; Public Works Director Ron Greenwald. Absent: None.

Also Present: Brent Kavitz, Matthew Nguyen, and Richard Parr, SEH Engineering.

Richard Parr asked the Council if they would like to include Reverse Osmosis (RO) in the water treatment plant (WTP) design or have it as a bid alternative. There was Council consensus to include the RO in the final design of the WTP.

Parr explained that the water treatment plant design capacity is based on the current highest usage at the well which includes peaks due to the flushing of the system. With the new filtration plant there will be less water quality issues that drive the flushing so that should eliminate those peaks and reduce the daily water use. There may be an opportunity to reduce the capacity of the filtration plant from 300 gpm to 200 gpm. Flushing could still be accomplished if staged to limit daily peaks or could be done with a partial WTP bypass.

Parr explained the pros and cons of sizing the RO systems. The WTP could have a single full capacity RO unit or it could be equipped with two reduced size RO units.

The Council asked Parr to provide cost estimates for 250 gpm versus 300 gpm and also a single full capacity versus two reduced sized capacity units and also a best fit combination of the two. The Council discussed the issue of having water available for the Fire Department and asked that a solution for that be included.

Parr presented a draft Request for Proposal for RO Pilot System Study. The pilot study is expected to begin in December 2023 or January 2024 and as there is no water treatment facility to perform the study and protect the equipment from freezing, there may need to be some type of weatherized containers or enclosures used. This study will run for a minimum of 90 days.

On motion by McBroom, seconded by Schnoor, all voting in favor, to adjourn the meeting at 6:00 pm.

Approved:

Tom McBroom, Sr., Mayor

Attested:

Lorri Kopischke, City Administrator