

City of George

Well Improvements

Project Purpose:

The purpose of this project is to mitigate an ongoing emergency situation due to the City of George's Well 3 running dry. In the late summer of 2021, the City's largest well (Well 3) ran out of water. Investigative work determined that the problem was likely due to declining aquifer levels. The Columbia Basin as a whole has experienced similar declines. As a result, the City declared an emergency in November of 2021. The well rebounded in the winter of 2021, but ran dry again in 2022 leaving the City to rely on two smaller wells (Well 2 and Well 4) that together do not produce as much as Well 3. The City is now requiring restrictions on the use of the City's water system. If one of the two remaining wells fail, the City will not be able to supply enough water for daily use.

The City considered many alternatives to quickly resolve this emergency situation. The most expedient solution is to re-equip the City's Well 4 to produce additional water by increasing the size of the pump. In addition, the City is investigating restoration and/or deepening of Well 3 or drilling a new Well 5 to provide additional water supply.

Project Cost:

It was determined that the cost to upgrade Well No. 4 and complete design improvements to Well 3 or Well 5 would be approximately \$680,000.

Several potential sources of construction funding are identified below. The City is in the process of pursuing and securing funding, which is needed before construction can begin.

Funding Source	Amount	Status of Funding
USDA RD Emergency	\$450,000	Currently in the application process
CDBG Grant	\$680,000	Application to be submitted June 2023
Public Works Trust Fund	\$680,000	Application due July 7 th , 2023
Dept. Of Health DWSRF	\$680,000	Application in Fall of 2023
Local Funding (City)	\$100,000	Reserves prepared for Capital Improvements

Additional funding sources will be pursued as the opportunities develop.

Anticipated Schedule:

Milestone	Approximate Timing
Public Hearing	May 16, 2023
CDBG application	June 2023
Anticipated Construction Start Date	January 2024 (Pending Funding)

Project Objectives: Construct the needed improvements to Well 4 in order to improve source capacity, and design improvements to Well 3 or a new Well 5.