

	AGENDA ITEM SUMMARY District Impacted ☐ 1 = Haberstroh ☐ 2 = Woolard ☐ 3 = Boyd ☐ 4 = Cisneros ☐ 5 = Bergmann ☒ All
DESCRIPTION:	REPAIRS TO CITY WATER SUPPLY WELL #9
STAFF'S RECOMMENDED ACTION (be specific)	Staff recommends that Council approve the expenditure of funds to make repairs to City Water Supply Well #9.
SUMMARY	As presented in our recent water supply workshop, the City's water supply peaking resources include groundwater wells. We currently have two wells in the northern portion of the City that are listed as "emergency use" wells. They are not usually included in our routinely cycled supply wells, but are available in the short term if the need arises and when overall groundwater levels are high enough. During our recent TCEQ inspection, it was noted that these two wells had not been adequately exercised. This was partially due to lower than usual groundwater availability throughout the recent drought. We subsequently replaced chlorine injection capabilities to one of the wells, and it is operational. However, the other well (#9 located on Sisterdale Road) was found to be in need of significant rehabilitation to make it operationally dependable. We routinely use Aquatech Drilling, Inc. for assistance in maintaining/repairing all of our wells. This firm has assessed the current condition of Well #9 and recommends several improvements at a cost of \$19,259.74. Although this amount of money is significant, it is less than 10 percent of the cost of drilling a replacement well. Plus, the pipeline infrastructure to accept water from this well is already in place. To restore the maximum efficiency and operational dependability of water supply well #9, we recommend that Council authorize the expenditure of funds for the needed work.
COST	\$19,259.74
SOURCE OF FUNDS	Water Utility Operating Fund
ADDITIONAL INFORMATION	Aquatech Repair Estimate Attached

This summary is not meant to be all inclusive. Supporting documentation is attached.