

## Fund Summary

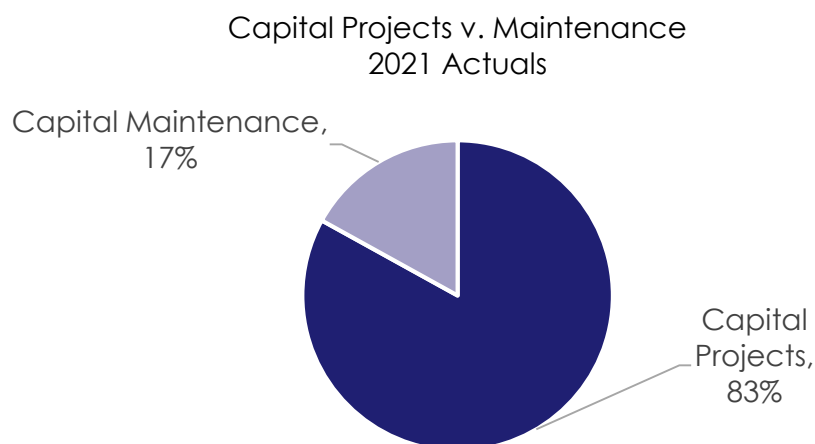
Projects in the Water Fund address the Water Treatment Plant and all distribution related costs for the City's expanding customer base. Projects under **capital maintenance** are used for repairs and maintenance as needed to keep our assets in good working order, and those under **capital projects** are one-time expenditures that add new or greatly enhance City assets.

## Revenues

Revenues for the Water Fund come primarily from fees collected from water users. Plant Investment Fees which are paid by developers to account for the increased burden of their development on the water system is the second largest share of projected revenues.

## Expenditures

The South Storage-High Zone Hydropillar Tank-2MG accounts for the bulk of spending in this fund and is ahead of schedule. Appropriations from projects that saw supply chain delays until 2022 were used to cover the budget overage for 2021 in this project. This project will bring much needed water storage capacity to the east side of the City. The South Platte Well Transmission Line is complete, and included raw waterline installation along Bromley Lane during the spring and summer. Spending on the Water Treatment Plant is less than expected as the City returned to the drawing board to evaluate alternatives in 2021. The City is now moving forward on a 22MGD option.



**Capital Projects**

Project Number	Project Name	2021 Actuals	2021 Adopted Budget	Status	Notes
19026	Advanced Metering Infrastructure Upgrades	\$ -	\$ 112,240	Started	This is the final payment for the installation of the City's advanced metering infrastructure upgrades. As part of the contract with the vendor a certain level of consistent reads is guaranteed. Staff is working with the vendor to ensure this level of reads is met before issuing that final payment.
502001	Municipal Service Center	\$ 41,839	\$ 368,865	Started	Project is on schedule, and 30 percent design is complete. An award of contract for Construction Manager at Risk (CMAR) was approved by Council on February 1, 2022. The MSC will now be a two story building with major functions of parks, public works, and utilities housed there. Due to increased material and labor costs, administrative functions will not be included at this time. Construction completion is anticipated in late 2023.
502005	Distribution Line Install	\$ 1,634	\$ -	Complete	Final invoice for project was not received in time to hit 2020 budget. This invoice was covered through savings in other projects.
502011	South Platte Well Transmission Line	\$ 3,688,606	\$ 3,990,690	Complete	For raw waterline installation along Bromley Lane. Project is complete.
502012	Security Enhancements	\$ 36,660	\$ 730,000	Not Started	Spending is for unanticipated carryover of the EPA risk assessment from 2020 and contract obligations. The remainder of the project was moved to 2022 due to higher than anticipated labor and material costs.
502015	Water Treatment Plant Upgrade	\$ 2,609,080	\$ 11,000,000	Started	Staff is moving forward on the 22MGD option at a total cost of \$150M. Design is underway with Brown and Caldwell with construction expected to start in 2023. This option is expected to provide the City capacity through 2045.
502019	124th Reservoir Armoring	\$ 1,053,337	\$ 1,000,000	Complete	Reinforcing and sealing of the 124th Reservoir. This project is complete.

**Capital Projects Continued**

Project Number	Project Name	2021 Actuals	2021 Adopted Budget	Status	Notes
502023	Midland Outfall Weir Upgrades	\$ 28,628	\$ 25,000	Complete	Project is complete. This included replacement of the weir with a flume for more accurate outflow measurement.
502030	Water Master Plan	\$ 209,852	\$ 275,000	Started	The contract for this project was approved by Council April 6th and remains on track. Creation of the plan is expected to be a multi-year process. Field work and drilling began in quarter four of 2021.
502033	South Storage- High Zone Hydropillar Tank - 2MG	\$ 4,210,850	\$ 3,600,000	Started	A contract went before Council in May for approval. Drilling and concrete pouring have already commenced. The project is ahead of schedule and is expected to be completed by the end of 2022.
502034	South Storage - Drainage Improvements	\$ 2,911	\$ 250,000	Started	Spending is for necessary drainage easements. Remaining spending was rolled into 502033 to take advantage of better pricing on the larger scale project. This will be a multi-year project.
502041	Cell #1 Diversion Box - Berm Upgrade	\$ -	\$ 67,500	Started	Work is underway under the lead of Brighton Ditch. The project is expected to be completed in 2022.
502042	Cell #1 Gravity Line and Sump Pump Drain Line	\$ -	\$ 25,000	Not Started	This project was rebid without a successful bid. The entire project was moved to 2022 and staff is working on options to solicit more interest from vendors.
502102	Vehicle Replacement & Acquisition	\$ 19,920	\$ 79,645	Started	For planned replacements of fleet vehicles. Several vehicles have been ordered and are awaiting arrival. Due to COVID related supply chain issues, many vehicle manufacturers are expecting delays in the shipment of vehicles. Truck replacements were ordered in August 2021 and will arrive in 2022. The Budget & Performance Team is working closely with the Fleet Operations Supervisor to monitor these delays and address them in the 2022 Budget.
97800	Water Acquisition	\$ -	\$ -	Started	Deposit to bid on water shares. \$490k deposit was reimbursed in Quarter 4.
		<b>\$ 11,903,317</b>	<b>\$ 21,523,940</b>		

**Capital Maintenance**

Project Number	Project Name	2021 Actuals	2021 Adopted Budget	Status	Notes
502022	Recreation Center Pond Excavating and Dredging	\$ 51,828	\$ 175,000	Complete	This is for the design phase of this project which was completed in Quarter 4. The construction phase of this project is budgeted in 2022 under the Parks Capital Fund.
502103	Water Line Replacement	\$ -	\$ 1,000,000	Complete	This project was completed alongside the North Outfall Denver Alignment. This payment was able to be made in December of 2020 so no spend is expected for 2021.
502104	Nonpot Rehab and Repair	\$ 1,269,703	\$ 1,200,000	Complete	This project is the construction of the pond near Oasis. The pond is operational and the project is complete.
502105	Water System Emergency Repairs and Maintenance	\$ 218,859	\$ 400,000	Ongoing	For emergency valve replacement on the elevated tank, repairs to irrigation and potable water wells. This project is under budget with savings used to cover material overages in other projects.
502106	Water Tank Maintenance Contract	\$ 367,000	\$ 364,000	Ongoing	This is a once-a-year contract payment for maintenance of the City's water tanks.
502107	Water System Scheduled Maintenance	\$ 351,663	\$ 400,000	Ongoing	For planned maintenance to the water system. Spending for the year includes maintenance to potable wells and irrigation wells. Some materials did not deliver by the end of the year and will have to be accounted for in the 2022 Budget.
502108	Water Meter Replacements	\$ 188,766	\$ 200,000	Ongoing	Scheduled replacements for 2021 are complete.
502109	Meter Pit Installs	\$ -	\$ 120,000	Ongoing	Due to supply chain issues, delivery of materials is delayed until 2022.
502110	Large Meter Pit Lid Replacements	\$ 7,383	\$ 250,000	Ongoing	Project is complete.
		<b>\$ 2,455,202</b>	<b>\$ 4,109,000</b>		