

Fund 622 - Water Works Capital

| Fund Type | Water Works Capital | | | | | Control | Enterprise Funds | | | | | |
|-------------------------------------|---------------------|------------------|---------------------------|--------------------|---------------------------|------------------|------------------|------------------|------------------|------------------|--------------------|--------------|
| | 2015 Actual | 2016 Actual | 2017 Amended Budget | 06/30/17 Actual | 2018 Adopted Budget | | Forecast | | | | Budget Variance | % |
| | | | | | | | 2019 | 2020 | 2021 | 2022 | 2017-2018 | Change |
| Revenue | | | | | | | | | | | | |
| Charges for Services | - | - | - | - | - | - | - | - | - | - | - | - |
| Interest Earnings | 17,400 | 25,424 | 24,232 | 10,849 | 25,000 | - | 25,750 | 26,525 | 27,325 | 28,150 | 768 | 3% |
| Other Income | - | - | - | - | - | - | - | - | - | - | - | - |
| Transfers In | - | - | 58,000 | - | - | - | 3,400,000 | 2,750,000 | 2,500,000 | 2,500,000 | (58,000) | -100% |
| Total Revenue | 17,400 | 25,424 | 82,232 | 10,849 | 25,000 | 3,425,750 | 2,776,525 | 2,527,325 | 2,528,150 | (57,232) | -70% | |
| Expenditures by Type | | | | | | | | | | | | |
| Supplies | - | - | - | - | - | - | - | - | - | - | - | - |
| Services & Charges | | | | | | | | | | | | |
| Professional Services | - | - | 73,570 | 28,427 | - | - | - | - | - | - | (73,570) | -100% |
| Repairs & Maintenance | - | - | - | - | - | - | - | - | - | - | - | - |
| Transfers Out | - | - | - | - | - | - | - | - | - | - | - | - |
| Other Services & Charges | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Services & Charges | - | - | 73,570 | 28,427 | - | - | - | - | - | - | (73,570) | -100% |
| Capital | | | | | | | | | | | | |
| Land | - | - | - | - | - | - | - | - | - | - | - | - |
| Land Improvements | - | - | - | - | - | - | - | - | - | - | - | - |
| Buildings & Bldg Improve. | - | - | - | - | - | - | - | - | - | - | - | - |
| Motor Equipment | 246,891 | 303,642 | 799,610 | 278,460 | 350,000 | 377,000 | 473,000 | 455,000 | 392,000 | - | (449,610) | -56% |
| Machinery & Equipment | 15,382 | 14,675 | 41,286 | 23,098 | 18,000 | 38,000 | - | - | - | - | (23,286) | -56% |
| Water Meters | - | - | - | - | 800,000 | 3,050,000 | 2,305,000 | 2,075,000 | 2,135,000 | - | 800,000 | - |
| Infrastructure | - | - | 500,000 | 8,299 | - | - | - | - | - | - | (500,000) | -100% |
| Total Capital | 262,273 | 318,317 | 1,340,896 | 309,857 | 1,168,000 | 3,465,000 | 2,778,000 | 2,530,000 | 2,527,000 | (172,896) | -13% | |
| Total Expenditures | 262,273 | 318,317 | 1,414,466 | 338,284 | 1,168,000 | 3,465,000 | 2,778,000 | 2,530,000 | 2,527,000 | (246,466) | -17% | |
| Net Surplus / (Deficit) | (244,873) | (292,893) | (1,332,234) | (327,435) | (1,143,000) | (39,250) | (1,475) | (2,675) | 1,150 | | | |
| Beginning Cash Balance | 3,135,399 | 2,876,026 | 2,582,972 | - | 1,255,759 | 112,759 | 73,509 | 72,034 | 69,359 | - | - | - |
| Cash Adjustments | (14,500) | (160) | 5,021 | - | - | - | - | - | - | - | - | - |
| Ending Cash Balance | 2,876,026 | 2,582,972 | 1,255,759 | - | 112,759 | 73,509 | 72,034 | 69,359 | 70,509 | 70,509 | - | - |
| Cash Reserves Target | - | - | - | - | - | - | - | - | - | - | - | - |

Cash Reserve
No reserve requirement

Fund Purpose:

This fund is used for acquiring, constructing, and improving water utility capital assets. Water utility capital assets include Wells, Reservoirs, Transmission and Distribution Mains, Water Meters, Pumping Equipment, Treatment Equipment, Transportation Equipment, and other general plant items.

Explain Significant Revenue and Expenditure Changes/Variations Below:

Pay-as-you-go financing for capital expenditures is expected to increase as a result of an Accounting Report on Rate Study. A proposed annual capital improvement amount of \$4,090,722 is included in the rate case and is based on an approximate across the board rate increase of 43.0%. Approval and phase in of the additional revenues needed will have an impact on the funding availability and timing of those projects. Lease purchase of water meters will discontinue in 2018.

2017-2018 Capital Supported by TIF Funds

- \$1,563,000 2017 Upgrade to South GAC Plant to provide redundancy and direct entry to south pressure zone
- \$747,000 in 2018 to complete the South GAC project
- \$786,000 Upgrade to Olive GAC Plant to update onsite disinfection, replace fluoride addition, and reactivate GAC vessels

Compound Series Meter



HR-E®

The High Resolution 8-dial Encoder (HR-E®) from Badger Meter

