



# Public Works Department Water/Wastewater

## **FY 24 Quarterly Update** (Ending June 30, 2024)



# Wastewater Fund Cash Flow Summary

(Ending June 30, 2024)

|  | Budget            | Actuals           | % of Budget |
|--|-------------------|-------------------|-------------|
| <b>Revenue</b>   |                   |                   |             |
| Sales  | 17,630,520        | 17,888,688        | 101%        |
| Development Impact Mitigation Fees                               | 1,718,770         | 1,112,859         | 65%         |
| Other (interest, septic, misc.)                                  | 100,000           | 1,258,057         | 126%        |
| <b>Total Revenues</b>  | <b>19,449,290</b> | <b>20,259,604</b> | <b>104%</b> |
| <b>Expenses</b>  |                   |                   |             |
| Operating  | 10,249,300        | 10,487,753        | 102%        |
| Capital (budget includes 5-year CIP roll over funding)           | 27,971,797        | 7,019,508         | 25%         |
| Debt Service   | 3,462,650         | 3,293,173         | 95%         |
| Cost of Services Payment To General Fund                         | 1,168,742         | 1,086,174         | 93%         |
| <b>Total Expenses</b>  | <b>42,852,489</b> | <b>21,886,608</b> | <b>51%</b>  |
| Beginning Cash (Operations Only)                                 |                   | 22,938,311        |             |
| Ending Cash (Operations Only)                                    |                   | 29,729,297        |             |
| <b><i>Recommended Reserve Target (180 Days Cash on Hand)</i></b> |                   | <b>7,311,689</b>  |             |
| Days Cash (Excluding Capital)                                    |                   | 732               |             |
| % of Target – 180 Days Cash on Hand                              |                   | 407%              |             |



# Wastewater Operating Results

(Ending June 3, 2024)

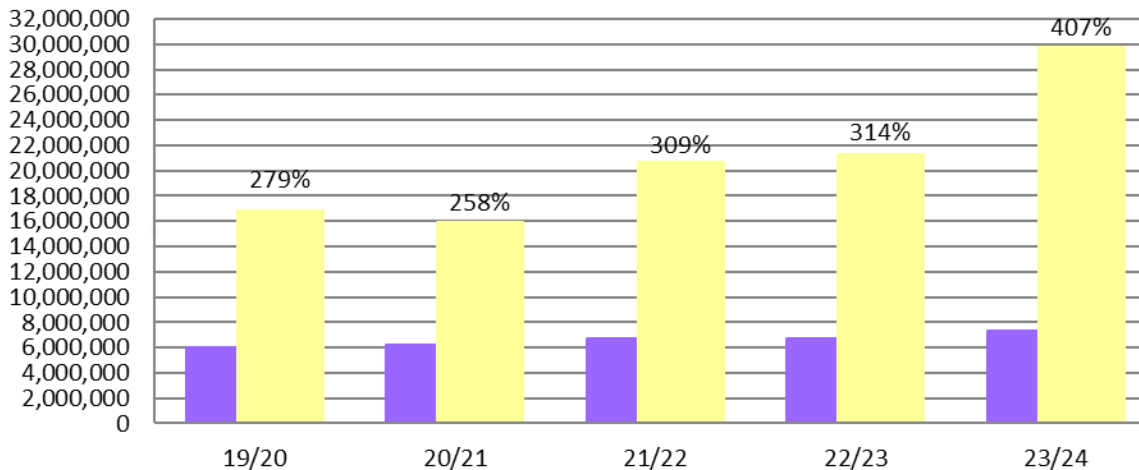
|                               | Budget        | Actuals       | % of Budget |
|-------------------------------|---------------|---------------|-------------|
| Personnel                     | \$ 5,157,030  | \$ 5,859,107  | 114%        |
| Supplies, Materials, Services | \$ 3,083,510  | \$ 2,825,901  | 92%         |
| Equipment, Land, Structures   | \$ 285,000    | \$ 209,765    | 74%         |
| Other Payments                | \$ 583,110    | \$ 433,703    | 74%         |
| Utilities                     | \$ 1,110,650  | \$ 1,159,278  | 104%        |
| Work for Others               | \$ 30,000     | \$ -          | 0%          |
| Total Operating Expenses      | \$ 10,249,300 | \$ 10,487,753 | 102%        |



# Wastewater Funds Cash Balances (Ending June 30, 2024)

| Operating (530)  | 29,729,297        |
|--|-------------------|
| Utility Capital / Infrastructure Replacement (531),520,972             | 1,621,553         |
| Capital Reserve (532) (Fund used to pay White Slough COP Debt Service) | (3,679,288)       |
| Wastewater IMF (533)   | 474,879           |
| Rate Stabilization Reserve (534)                                       | 500,000           |
| Storm Drain IMF (535)  | 2,716,288         |
| <b>Total</b>   | <b>31,362,729</b> |

**Actual Reserves vs. Target**



*Amounts above  
reserve target are  
held for scheduled  
capital maintenance*



# 5-Year Financial Forecast

|                                 | <b>FY 24-25<br/>Forecast</b> | <b>FY 25-26<br/>Forecast</b> | <b>FY 26-27<br/>Forecast</b> | <b>FY 27-28<br/>Forecast</b> | <b>FY 28-29<br/>Forecast</b> |
|---------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| Available Cash                  | \$14,841,140                 | \$13,248,140                 | \$11,957,140                 | \$9,839,140                  | \$8,788,140                  |
| Days Cash<br>(180 day target)   | 322                          | 291                          | 256                          | 220                          | 185                          |
| Minimum Reserve<br>Target (25%) | \$4,151,000                  | \$4,155,500                  | \$4,257,000                  | \$4,080,500                  | \$4,325,500                  |
| Reserve Target<br>(50%)         | \$8,302,000                  | \$8,311,000                  | \$8,514,000                  | \$8,161,000                  | \$8,651,000                  |
| % of 180 Days<br>Cash Target    | 179%                         | 162%                         | 142%                         | 122%                         | 103%                         |



# Wastewater Planned Capital Projects

|   | FY 23-24           | FY 24-25            | FY 25-26           | FY 26-27           | FY 27-28           | FY 28-29           |
|---|--------------------|---------------------|--------------------|--------------------|--------------------|--------------------|
| Project Planning                        | \$3,309            | \$25,000            | \$25,000           | \$25,000           | \$25,000           | \$25,000           |
| MUS PW Building Roof                    | \$101,219          |                     |                    |                    |                    |                    |
| Misc. System Relocations/Taps           |                    | \$75,000            | \$75,000           | \$75,000           | \$75,000           | \$75,000           |
| Wastewater Main Replac./Lining Proj.    | \$737,260          |                     | \$2,000,000        | \$1,000,000        | \$1,000,000        | \$1,000,000        |
| Storm Drain Trash Handling              | \$291,044          | \$350,000           | \$350,000          |                    | \$750,000          | \$750,000          |
| Lodi Lake Storm Pump/Trash Handling     |                    | \$200,000           |                    | \$2,000,000        |                    |                    |
| Storm Water Pump Rehab                  | \$91,681           |                     |                    | \$750,000          | \$200,000          | \$200,000          |
| Storm Drain System Improvements         | \$356,692          | \$400,000           | \$400,000          | \$400,000          |                    |                    |
| Beckman Trash Handling                  |                    |                     |                    |                    | \$750,000          |                    |
| Vehicles /Equipment                     | \$394,149          | \$1,336,607         | \$75,000           | \$75,000           | \$75,000           | \$75,000           |
| Irrigation Improvements                 |                    |                     | \$750,000          |                    | \$1,000,000        |                    |
| Security Fencing, Cameras, Solar        |                    | \$300,000           |                    |                    |                    |                    |
| Upgrade Blowers                         |                    |                     |                    |                    | \$750,000          |                    |
| Industrial/Domestic Pump Replacement    |                    | \$500,000           | \$500,000          |                    |                    |                    |
| Electrical Upgrades/SCADA Construction  | \$2,554,984        | \$12,078,505        |                    |                    |                    |                    |
| Dredge Pond 1 and EQ Pond 1             | \$172              |                     | \$200,000          |                    |                    |                    |
| DWP-H2 Replacement                      |                    | \$15,000            |                    |                    |                    |                    |
| Cloth Filter Media Replacement          |                    | \$30,000            | \$30,000           | \$30,000           | \$30,000           | \$30,000           |
| Primary Chain Flights                   |                    |                     | \$60,000           |                    | \$40,000           |                    |
| UV Design/Replacement                   |                    |                     |                    |                    | \$250,000          | \$2,000,000        |
| Primary WW Treatment Rehab              |                    |                     | \$500,000          | \$500,000          | \$500,000          |                    |
| Aeration Diffuser Replacement           | \$491,628          | \$2,420,446         |                    |                    |                    |                    |
| Pump/Equipment Upgrades                 |                    | \$250,000           | \$250,000          | \$250,000          | \$250,000          | \$250,000          |
| Fan Press Replacement (Solids Handling) | \$1,997,371        | \$567,412           |                    |                    |                    |                    |
| Unspecified Treatment Plant Rehab       |                    |                     |                    |                    | \$1,000,000        | \$1,000,000        |
| <b>Total</b>                            | <b>\$7,019,508</b> | <b>\$18,697,971</b> | <b>\$5,215,000</b> | <b>\$5,105,000</b> | <b>\$6,895,000</b> | <b>\$5,405,000</b> |



# Water Fund Cash Flow Summary

(Ending June 30, 2024)

|  | Budget            | Actuals                 | % of Budget |
|--|-------------------|-------------------------|-------------|
| <b>Revenue</b>   |                   |                         |             |
| Sales  | 14,026,980        | 14,087,324              | 100%        |
| Development Impact Mitigation Fees                               | 867,190           | 794,631                 | 92%         |
| Other (interest, tap fees, water meters, misc.)                  | 390,000           | 1,959,996               | 503%        |
| <b>Total Revenues</b>  | <b>15,284,170</b> | <b>16,841,951</b>       | <b>110%</b> |
| <b>Expenses</b>  |                   |                         |             |
| Operating  | 9,127,835         | 8,548,858               | 94%         |
| Capital (budget includes 5-year CIP roll over funding)           | 6,696,481         | 977,595                 | 15%         |
| Debt Service   | 1,928,750         | 1,849,479               | 96%         |
| Cost of Services Payment To General Fund                         | 1,179,016         | 1,098,408               | 93%         |
| <b>Total Expenses</b>  | <b>18,932,082</b> | <b>12,474,340</b>       | <b>66%</b>  |
| Beginning Cash (Operations Only)                                 |                   | 13,160,069              |             |
| Ending Cash (Operations Only)                                    |                   | 16,786,876              |             |
| <b><i>Recommended Reserve Target (180 Days Cash on Hand)</i></b> |                   | <b><i>5,654,137</i></b> |             |
| Days Cash (Excluding Capital)                                    |                   | 534                     |             |
| % of Target – 180 Days Cash on Hand                              |                   | 297%                    |             |



# Water Operating Results

(Ending June 30, 2024)

|                               | Budget       | Actuals      | % of Budget |
|-------------------------------|--------------|--------------|-------------|
| Personnel                     | \$ 3,721,539 | \$ 3,672,317 | 99%         |
| Supplies, Materials, Services | \$ 2,147,166 | \$ 1,870,512 | 87%         |
| Equipment, Land, Structures   | \$ 110,000   | \$ 31,259    | 28%         |
| Other Payments                | \$ 1,828,020 | \$ 1,893,215 | 104%        |
| Utilities                     | \$ 1,212,260 | \$ 972,705   | 80%         |
| Work for Others               | \$ 108,850   | \$ 108,850   | 100%        |
| Total Operating Expenses      | \$ 9,127,835 | \$ 8,548,858 | 94%         |



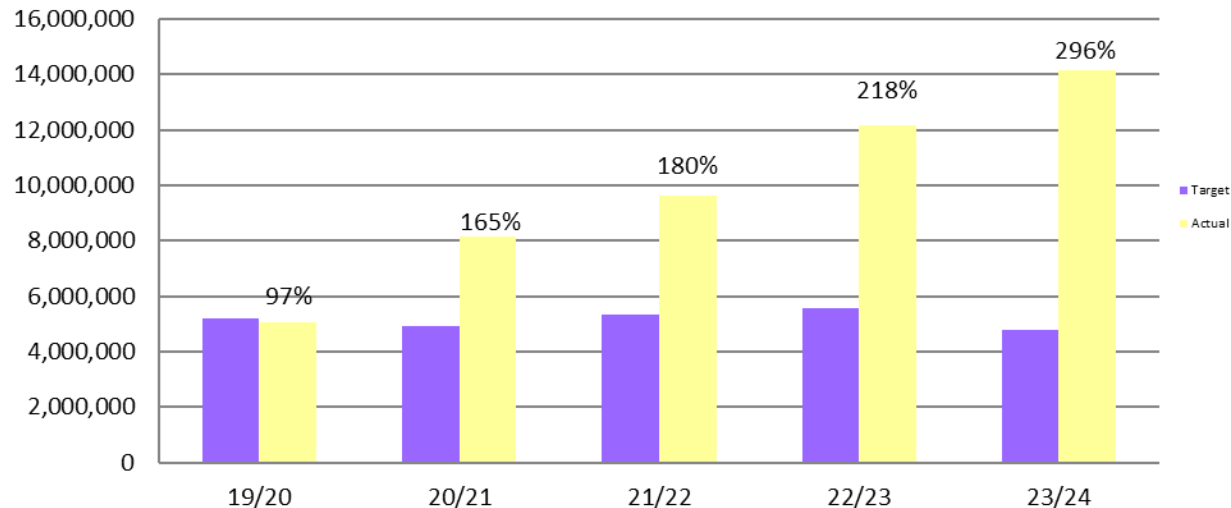


## Water Funds Cash Balances

(Ending June 30, 2024)

|  |                   |
|--|-------------------|
|  |                   |
| Operating (560)                                    | 16,786,876        |
| Utility Capital / Infrastructure Replacement (561) | 1,006,120         |
| IMF (562)  | 5,905,180         |
| PCE/TCE Settlements                                | 7,981,885         |
| PCE/TCE Rates (565)                                | 3,330,498         |
| <b>Total</b>                                       | <b>35,010,559</b> |

**Actual Reserves vs. Target**



*Amounts above  
reserve target are  
held for scheduled  
capital maintenance*



# 5-Year Financial Forecast

|                                    | FY 24-25<br>Forecast | FY 25-26<br>Forecast | FY 26-27<br>Forecast | FY 27-28<br>Forecast | FY 28-29<br>Forecast |
|------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>Available Cash</b>              | \$16,630,740         | \$18,215,240         | \$19,683,275         | \$22,740,880         | \$24,685,092         |
| Days Cash<br>(180 day target)      | 464                  | 501                  | 530                  | 598                  | 635                  |
|                                    |                      |                      |                      |                      |                      |
| Minimum<br>Reserve Target<br>(25%) | \$3,227,000          | \$3,319,000          | \$3,392,000          | \$3,468,000          | \$3,545,000          |
| Reserve Target<br>(50%)            | \$6,454,000          | \$6,638,000          | \$6,784,000          | \$6,936,000          | \$7,090,000          |
|                                    |                      |                      |                      |                      |                      |
| % of Days Cash<br>Target           | 258%                 | 278%                 | 294%                 | 332%                 | 353%                 |



## Water Planned Capital Projects

|  | FY 23-24         | FY 24-25           | FY 25-26           | FY 26-27           | FY 27-28           | FY 28-29           | FY 29-30            |
|--|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|
| Water Meter/Main Install. Project                  |                  | \$2,100,000        |                    |                    |                    |                    |                     |
| Water Taps/Mains                                   | \$19,485         | \$125,000          | \$125,000          | \$125,000          | \$125,000          | \$125,000          | \$125,000           |
| Water Meter Replacement Program (1% per yr.)       |                  | \$75,000           | \$150,000          | \$150,000          | \$150,000          | \$150,000          | \$150,000           |
| GAC & Meter Repl (DBCP)                            | \$545,504        | \$354,496          | \$425,000          | \$450,000          | \$475,000          | \$500,000          | \$525,000           |
| Raise Utilities to Grade                           |                  | \$150,000          |                    |                    |                    |                    |                     |
| MUS PW Admin Building Roof                         | \$101,219        |                    |                    |                    |                    |                    |                     |
| 4R Water Tank Re-Coat                              |                  |                    |                    |                    | \$200,000          |                    |                     |
| SWTF PS Generator                                  |                  | \$1,100,000        |                    |                    |                    |                    |                     |
| SWTF Membrane Replacement                          |                  |                    | \$1,250,000        | \$1,125,000        |                    |                    |                     |
| SWTF Transmission Line Expansion<br>Design/Constr. |                  |                    |                    |                    | \$2,000,000        |                    |                     |
| SWTF Capacity Expansion                            |                  |                    |                    |                    |                    |                    | \$25,000,000        |
| Well Site Generators                               |                  |                    |                    | \$200,000          |                    | \$200,000          |                     |
| Water Well Rehab                                   | \$163,350        | \$832,400          | \$650,000          | \$675,000          | \$700,000          | \$725,000          | \$750,000           |
| Vehicles/Equipment                                 | \$139,987        | \$60,000           | \$100,000          | \$100,000          | \$100,000          | \$100,000          | \$100,000           |
| Project Planning                                   | \$25,000         | \$25,000           | \$25,000           | \$25,000           | \$25,000           | \$25,000           | \$25,000            |
| <b>Total</b>                                       | <b>\$977,595</b> | <b>\$4,746,896</b> | <b>\$2,650,000</b> | <b>\$2,975,000</b> | <b>\$1,775,000</b> | <b>\$1,825,000</b> | <b>\$28,675,000</b> |