

## Utility Fund Capital Improvement Projects

| Water Projects   | FY 2018      | FY 2019      | FY 2020      | FY 2021      | FY 2022      | FY 2023 |
|--|--------------|--------------|--------------|--------------|--------------|---------|
| <b>System Strength &amp; Reliability</b>                             |              |              |              |              |              |         |
| 1 Pump Station at Water Treatment Plant                              | -            | 257,500      | 2,317,500    | -            | -            | -       |
| 2 River Intake Relocation  | -            | -            | -            | 189,000      | 1,698,000    | -       |
| <b>Storage</b>   |              |              |              |              |              |         |
| 3 Heatherwilde Elevated Storage (950 Pressure Plane)                 | 2,766,806    | -            | -            | -            | -            | -       |
| 4 Elevated Storage Tank (800 Pressure Plane)                         | -            | 824,000      | 2,163,000    | 2,163,000    | -            | -       |
| <b>Distribution</b>  |              |              |              |              |              |         |
| 5 Weiss Lane Transmission Main Phase 1B                              | 157,153      | -            | -            | -            | -            | -       |
| 6 Helios Way Water Line to Central Wastewater Treatment Plant        | 355,000      | -            | -            | -            | -            | -       |
| 7 SH 45 Water Extension & Interconnect                               | 90,000       | 783,400      | -            | -            | -            | -       |
| 8 South Weiss Transmission Main from Wilbarger Creek to SH130        | -            | 584,960      | 3,071,040    | -            | -            | -       |
| 9 Oxford Transmission Main Extension                                 | -            | -            | -            | 109,760      | 576,240      | -       |
| <b>Miscellaneous System Improvements</b>                             |              |              |              |              |              |         |
| 10 City Well #6 Rehabilitation                                       | -            | 853,000      | -            | -            | -            | -       |
| 11 Pecan Street Parkway Drive Interconnect                           | -            | -            | 62,400       | 327,600      | -            | -       |
| 12 Portchester Castle Path/Stone Hill Pressure Plane Interconnection | -            | -            | -            | 57,000       | -            | -       |
| 13 Wells Branch Loop Main Extension                                  | -            | -            | -            | 76,000       | 399,000      | -       |
| 14 Manville Water Line (MUD 5 Agreement)                             | -            | 1,000,000    | -            | -            | -            | -       |
| <b>Support Facilities</b>  |              |              |              |              |              |         |
| 15 Field Crew Building   | 786,282      | -            | -            | -            | -            | -       |
| <b>Total Water Projects</b>  | \$ 4,155,241 | \$ 4,302,860 | \$ 7,613,940 | \$ 2,922,360 | \$ 2,673,240 | \$ -    |
| <b>Funding sources- Water:</b>                                       |              |              |              |              |              |         |
| Transfer from Fund balance   | (3,129,241)  | (3,859,860)  | -            | -            | -            | -       |
| Existing Bond Funds  | -            | -            | -            | -            | -            | -       |
| New Bond Funds   | -            | -            | (6,613,940)  | (2,854,360)  | (1,998,240)  | -       |
| Water Impact Fees  | (1,026,000)  | (443,000)    | (1,000,000)  | (68,000)     | (675,000)    | -       |
| Indicates project partially funded by Impact Fees                    |              |              |              |              |              |         |

## Utility Fund Capital Improvement Projects

| Wastewater Projects  | FY 2018             | FY 2019              | FY 2020              | FY 2021              | FY 2022             | FY 2023     |
|--|---------------------|----------------------|----------------------|----------------------|---------------------|-------------|
| <b>Capacity Expansion</b>                                  |                     |                      |                      |                      |                     |             |
| 1 Central WWTP Capacity Expansion Phase 1                  | \$ 1,503,161        | \$ 14,703,000        | \$ 30,359,000        | \$ -                 | \$ -                | \$ -        |
| 2 New Sweden Package Treatment Plant                       | 1,136,000           | 1,942,400            | -                    | 10,197,600           | -                   | -           |
| 3 Central WWTP Capacity Expansion Phase 2                  | -                   | -                    | 550,000              | 3,278,500            | 7,017,500           | -           |
| <b>Lift Station Removal</b>                                |                     |                      |                      |                      |                     |             |
| 4 Decommission Pfluger Ln (Pflugerville Pkwy) Lift Station | -                   | 180,000              | -                    | -                    | -                   | -           |
| 5 Decommission Highland Park Lift Station                  | -                   | 27,000               | 153,000              | -                    | -                   | -           |
| <b>Development Driven Improvements</b>                     |                     |                      |                      |                      |                     |             |
| 6 Sorento Interceptor Phase 1                              | 284,712             | -                    | -                    | -                    | -                   | -           |
| 7 Carmel Interceptor Phase 1 (includes 1849 Park WW line)  | 548,994             | -                    | -                    | -                    | -                   | -           |
| 8 SH 45/SH 130 Tunnel (extend service to north)            | 275,000             | 2,609,000            | -                    | -                    | -                   | -           |
| 9 West SH 130 Interceptor Phase 1 & 2                      | \$ 4,000,000        | 10,000,000           | 2,000,000            | -                    | -                   | -           |
| 10 Carmel Force Main Extension                             | -                   | 1,200,000            | 700,000              | -                    | -                   | -           |
| 11 Weiss Lane Lift Station Capacity Upgrade                | -                   | 48,000               | 252,000              | -                    | -                   | -           |
| 12 Sorento Interceptor Phase 2                             | -                   | 582,400              | 3,057,600            | -                    | -                   | -           |
| 13 Highland Park & Pfluger Ln Interceptor Upsize           | -                   | 69,600               | 365,400              | -                    | -                   | -           |
| 14 Highland Park & Pfluger Ln Interconnector Phase 2       | -                   | 116,160              | 609,840              | -                    | -                   | -           |
| 15 Lakeside Interceptor Phase 1                            | -                   | -                    | 142,080              | 745,920              | -                   | -           |
| 16 Lakeside Interceptor Phase 2                            | -                   | -                    | -                    | 95,840               | 503,160             | -           |
| 17 New Sweden/Cottonwood Interceptor Phase 1               | 558                 | 879,442              | -                    | 4,620,000            | -                   | -           |
| <b>Support Facilities</b>                                  |                     |                      |                      |                      |                     |             |
| 18 Field Crew Building                                     | 786,282             | -                    | -                    | -                    | -                   | -           |
| <b>Total Wastewater Projects</b>                           | <b>\$ 8,534,707</b> | <b>\$ 32,357,002</b> | <b>\$ 38,188,920</b> | <b>\$ 18,937,860</b> | <b>\$ 7,520,660</b> | <b>\$ -</b> |

| <b>Funding sources - Wastewater:</b>    |             |              |              |              |             |   |
|---|-------------|--------------|--------------|--------------|-------------|---|
| <b>Transfer from Fund balance</b>       | (1,895,546) | (2,933,600)  | (770,400)    | -            | -           | - |
| <b>Existing Bond Funds</b>              | (3,839,161) | (14,810,839) | -            | -            | -           | - |
| <b>New Bond Funds</b>                   | -           | (12,170,563) | (33,918,520) | (18,937,860) | (7,520,660) | - |
| <b>Wastewater (Central) Impact Fees</b> | (2,800,000) | (2,442,000)  | (3,500,000)  | -            | -           | - |

Indicates project partially funded by Impact Fees

## Utility Fund Capital Improvement Projects

| Total Funding Sources - Water & Wastewater             | FY 2018              | FY 2019              | FY 2020              | FY 2021              | FY 2022              | FY 2023             |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|---------------------|
| Transfer from Fund balance                             | \$ (5,024,788)       | \$ (6,793,460)       | \$ (770,400)         | \$ -                 | \$ -                 | \$ -                |
| Existing Bond Funds                                    | (3,839,161)          | (14,810,839)         | -                    | -                    | -                    | -                   |
| New Bond Funds   | -                    | (12,170,563)         | (40,532,460)         | (21,792,220)         | (9,518,900)          | -                   |
| Water and Wastewater (Central) Impact Fees             | (3,826,000)          | (2,885,000)          | (4,500,000)          | (68,000)             | (675,000)            | -                   |
| <b>Projected fund balance remaining at year-end:</b>   | <b>\$ 11,775,212</b> | <b>\$ 4,981,752</b>  | <b>\$ 4,211,352</b>  | <b>\$ 4,211,352</b>  | <b>\$ 4,211,352</b>  | <b>\$ 4,211,352</b> |
| <b>Bond funds remaining at year-end:</b>               | <b>\$ 14,810,839</b> | <b>\$ -</b>          | <b>\$ -</b>          | <b>\$ -</b>          | <b>\$ -</b>          | <b>\$ -</b>         |
| <b>Total Proposed Water and Wastewater CIP Expense</b> | <b>\$ 12,689,949</b> | <b>\$ 36,659,862</b> | <b>\$ 45,802,860</b> | <b>\$ 21,860,220</b> | <b>\$ 10,193,900</b> | <b>\$ -</b>         |

**Notes**

All project information provided by the City Engineer in May 2018.

Water and Wastewater Master Plan Updates (2018/2019), and the 5-year Impact Fee and CIP Update (2019) are included in the utility operating budget.

Use of available fund balance will be considered prior to future bond issuances.