

**Opinion of Probable Project Cost Summary
Taunton Wastewater Treatment Facility Upgrades**

| A. Total Nitrogen 8 mg/l and Capacity/General Upgrades | Construction Cost |
|---|------------------------------|
| New Bioreactors - Battery One - (Tanks 3b and 3c) | \$ 5,500,000 |
| Anoxic Tanks 1 and 2 | \$ 2,900,000 |
| Bioreactor Improvemtns - Battery Two | \$ 5,200,000 |
| Blower Building Improvements | \$ 1,800,000 |
| Site Improvements/Miscellaneous | \$ 2,700,000 |
| Primary Clarifier No. 4 | \$ 2,400,000 |
| Secondary Clarifiers | \$ 3,100,000 |
| Solids Handling Improvements | \$ 2,200,000 |
| Chlorine Contact Tank | \$ 1,400,000 |
| Sub-total | \$ 27,200,000 |
| Contingencies (20%) | \$ 5,400,000 |
| Mob/Demob. (5%) | \$ 1,400,000 |
| Engineering Design(8%) | \$ 2,800,000 |
| Construction Administration/Inspection (12%) | \$ 4,100,000 |
| Total Project Cost | \$ 40,900,000 |

| B. Total Nitrogen 3 mg/l | Construction Cost |
|---|------------------------------|
| Denitrification Building, PS and Denite Filters | \$ 13,900,000 |
| Denitrification Tanks (Clear well) | \$ 1,600,000 |
| Sub-total | \$ 15,500,000 |
| Contingencies (20%) | \$ 3,100,000 |
| Mob/Demob. (5%) | \$ 900,000 |
| Engineering Design(8%) | \$ 1,600,000 |
| Construction Administration/Inspection (12%) | \$ 2,300,000 |
| Total Project Cost | \$ 23,400,000 |

Opinion of Probable Project Cost Summary
NEW Taunton Main Pumping Station and Ancillary Improvements

| | Construction Cost |
|--|------------------------------|
| A. Main Lift Pumping Station and Screening Facility | |
| Site Work / Demolition | \$ 1,100,000 |
| Management of Contaminated Material | \$ 1,500,000 |
| Structures | \$ 2,500,000 |
| Mechanical Equipment | \$ 1,800,000 |
| Electrical and Instrumentation | \$ 2,100,000 |
| Sub-total | \$ 9,000,000 |
| A. Gravity Sewer and Force Main Improvements | |
| Force Main (1,800 LF) | \$ 1,300,000 |
| Gravity Sewer (1,500 LF) | \$ 1,100,000 |
| Sub-total | \$ 2,400,000 |
| Contingencies (20%) | \$ 2,300,000 |
| Mobilization & Demobilization (5%) | \$ 700,000 |
| Engineering Design (10%) | \$ 1,100,000 |
| Total Project Cost | \$ 15,500,000 |

Assumptions:

- 1 Cost for CSO storage tank has not been included with this estimate
- 2 New Pumping Station will be constructed adjacent to existing station on neighboring property to the north.
- 3 Property to the north is owned by the Gas Company and is known to be contaminated. Site has been closed with a soil cap.
- 4 Allowances for managing contaminated soil and contaminated groundwater have been included
- 5 Station will be dry well / wet well type, approximate dimensions: Width 60 feet, length 90 feet, depth 35 feet
- 6 An influent screening structure will be incorporated into the design: Width 30 feet, length 35 feet, depth 25 feet

CITY OF TAUNTON WASTEWATER DEBT
EXISTING DEBT (FROM CITY TREASURER)

| Issue Date | Maturity Date | Interest Rate | Issue Amount | Purpose | Total Outstanding | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 |
|---------------|---------------|---------------|--------------|----------------------------------|----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 3/1/2001 | 3/1/2020 | 4.63% | \$ 245,000 | Sewer Power St | \$ 83,840 | \$ 13,410 | \$ 12,950 | \$ 12,480 | \$ 12,000 | \$ 11,500 | \$ 11,000 | \$ 10,500 | \$ - |
| 5/1/2002 | 5/1/2022 | 4.59% | \$ 337,000 | Sewer Sabbatia Lake | \$ 183,286 | \$ 24,120 | \$ 23,355 | \$ 22,573 | \$ 21,774 | \$ 20,966 | \$ 20,150 | \$ 19,300 | \$ 18,450 |
| 8/25/2004 | 8/1/2023 | 5.02% | \$ 154,378 | CW-00-28 | \$ 115,832 | \$ 13,498 | \$ 12,983 | \$ 12,538 | \$ 12,062 | \$ 11,764 | \$ 11,583 | \$ 10,821 | \$ 10,521 |
| 8/25/2004 | 2/1/2021 | 5.10% | \$ 529,814 | SSES (CW-00-13) | \$ 341,736 | \$ 43,369 | \$ 47,361 | \$ 45,377 | \$ 43,414 | \$ 41,240 | \$ 38,866 | \$ 41,550 | \$ 40,560 |
| 8/25/2004 | 8/1/2022 | 5.02% | \$ 885,420 | Sabbatia Sewer (CW-01-26) | \$ 670,577 | \$ 70,614 | \$ 69,453 | \$ 68,586 | \$ 67,481 | \$ 67,295 | \$ 67,765 | \$ 64,799 | \$ 65,935 |
| 8/25/2004 | 8/1/2020 | 5.32% | \$ 744,534 | CW-98-129 | \$ 504,711 | \$ 67,787 | \$ 65,181 | \$ 62,616 | \$ 64,542 | \$ 61,676 | \$ 63,641 | \$ 61,033 | \$ 58,235 |
| 8/25/2004 | 8/1/2020 | 5.32% | \$ 6,013,035 | WWTF (CW-99-34) | \$ 4,061,253 | \$ 539,831 | \$ 528,736 | \$ 521,792 | \$ 514,595 | \$ 501,302 | \$ 494,572 | \$ 488,976 | \$ 471,448 |
| 8/25/2004 | 8/1/2019 | 5.26% | \$ 3,173,152 | WWTF (CW-98-119) | \$ 1,958,629 | \$ 298,993 | \$ 288,446 | \$ 286,133 | \$ 278,903 | \$ 275,272 | \$ 268,868 | \$ 262,013 | \$ - |
| 11/16/2005 | 7/15/2025 | 0.00% | \$ 1,223,528 | Sabbatia Sewer (CW-01-26B) | \$ 795,296 | \$ 61,176 | \$ 61,176 | \$ 61,176 | \$ 61,176 | \$ 61,176 | \$ 61,177 | \$ 61,177 | \$ 61,177 |
| 11/16/2005 | 7/15/2025 | 2.00% | \$ 1,278,478 | CW-04-21 | \$ 1,012,394 | \$ 77,877 | \$ 77,876 | \$ 77,876 | \$ 77,876 | \$ 77,877 | \$ 77,877 | \$ 77,876 | \$ 77,877 |
| 11/16/2005 | 7/15/2023 | 0.00% | \$ 91,767 | CWMP (CW-00-29A) | \$ 53,981 | \$ 5,398 | \$ 5,398 | \$ 5,398 | \$ 5,398 | \$ 5,398 | \$ 5,398 | \$ 5,398 | \$ 5,398 |
| 12/14/2006 | 7/15/2026 | 2.00% | \$ 897,227 | CW-05-15A | \$ 763,301 | \$ 54,521 | \$ 54,521 | \$ 54,522 | \$ 54,521 | \$ 54,521 | \$ 54,522 | \$ 54,521 | \$ 54,521 |
| 12/14/2006 | 8/1/2023 | 5.00% | \$ 1,879,926 | CW-01-26A | \$ 1,691,916 | \$ 164,025 | \$ 162,065 | \$ 161,260 | \$ 158,990 | \$ 156,353 | \$ 152,917 | \$ 151,274 | \$ 149,390 |
| 12/14/2006 | 8/1/2023 | 5.08% | \$ 501,460 | CW-03-05 | \$ 458,342 | \$ 43,397 | \$ 45,587 | \$ 43,937 | \$ 42,325 | \$ 40,498 | \$ 38,806 | \$ 42,277 | \$ 40,594 |
| 12/18/2007 | 7/15/2027 | 2.00% | \$ 1,127,773 | CW-05-15B | \$ 1,027,740 | \$ 68,516 | \$ 68,516 | \$ 68,515 | \$ 68,516 | \$ 68,516 | \$ 68,516 | \$ 68,516 | \$ 68,516 |
| 6/15/2008 | 6/1/2028 | 3.97% | \$ 258,000 | Phase 4 SSES Design | \$ 235,225 | \$ 22,638 | \$ 22,038 | \$ 21,438 | \$ 20,838 | \$ 20,238 | \$ 19,300 | \$ 13,700 | \$ 13,300 |
| 3/18/2009 | 7/15/2028 | 2.00% | \$ 4,866,902 | Phase 4/Cobb Brook (CW-07-31) | \$ 4,707,503 | \$ 294,219 | \$ 294,219 | \$ 294,219 | \$ 294,218 | \$ 294,219 | \$ 294,218 | \$ 294,219 | \$ 294,219 |
| 6/15/2009 | 6/1/2029 | 4.38% | \$ 1,250,000 | Phase 5-7 SSES Design | \$ 1,392,437 | \$ 106,734 | \$ 104,703 | \$ 102,516 | \$ 100,016 | \$ 97,516 | \$ 94,391 | \$ 91,266 | \$ 88,141 |
| 12/15/2009 | 7/15/2027 | 2.00% | \$ 4,140,652 | Phase 3/RR Ave (CW-06-06) | \$ 4,108,712 | \$ 273,914 | \$ 273,914 | \$ 273,914 | \$ 273,914 | \$ 273,914 | \$ 273,913 | \$ 273,914 | \$ 273,914 |
| 6/15/2010 | 6/1/2020 | 2.79% | \$ 465,000 | Sewer Extension Design | \$ 355,163 | \$ 55,406 | \$ 53,606 | \$ 51,806 | \$ 50,681 | \$ 49,331 | \$ 47,869 | \$ 46,463 | \$ - |
| 7/8/2010 | 7/15/2030 | 2.00% | \$ 4,178,794 | Winthrop East (CWS-09-13) | \$ 4,562,986 | \$ 253,499 | \$ 253,500 | \$ 253,500 | \$ 253,499 | \$ 253,499 | \$ 253,500 | \$ 253,499 | \$ 253,499 |
| 7/8/2010 | 7/15/2030 | 0.00% | \$ 276,870 | Sabbatia Sewer (CW-01-26C) | \$ 249,182 | \$ 13,844 | \$ 13,844 | \$ 13,844 | \$ 13,844 | \$ 13,844 | \$ 13,844 | \$ 13,844 | \$ 13,844 |
| 3/15/2011 | 7/15/2028 | 0.00% | \$ 264,958 | CWMP (CW-00-29B) | \$ 235,518 | \$ 14,720 | \$ 14,720 | \$ 14,720 | \$ 14,720 | \$ 14,720 | \$ 14,720 | \$ 14,720 | \$ 14,720 |
| 6/6/2012 | 7/22/2030 | 2.00% | *** | Phase 4/Cobb Brook (CW-07-31A) | \$ 613,950 | \$ 34,131 | \$ 34,129 | \$ 34,126 | \$ 34,123 | \$ 34,121 | \$ 34,118 | \$ 34,116 | \$ 34,114 |
| 6/6/2012 | 7/15/2030 | 2.00% | \$ 4,962,449 | Phase 5/Dean St (CW-08-21) | \$ 5,650,512 | \$ 314,035 | \$ 314,022 | \$ 314,010 | \$ 313,997 | \$ 313,984 | \$ 313,970 | \$ 313,957 | \$ 313,943 |
| 6/13/2012 | 7/15/2032 | 2.00% | \$ 5,786,098 | Winthrop West/Burt St (CW-10-36) | \$ 7,025,793 | \$ 347,434 | \$ 347,790 | \$ 348,153 | \$ 348,523 | \$ 348,902 | \$ 349,288 | \$ 349,684 | \$ 350,087 |
| 6/13/2012 | 7/15/2032 | 2.00% | \$ 4,500,000 | Phase 6 (CW-09-38) | \$ 5,464,143 | \$ 270,209 | \$ 270,486 | \$ 270,767 | \$ 271,056 | \$ 271,350 | \$ 271,651 | \$ 271,958 | \$ 272,272 |
| 6/13/2012 | 7/15/2032 | 2.00% | \$ 3,676,954 | Phase 7 (CW-10-37) | \$ 4,464,756 | \$ 220,789 | \$ 221,014 | \$ 221,244 | \$ 221,480 | \$ 221,721 | \$ 221,966 | \$ 222,217 | \$ 222,474 |
| 5/22/2013 | 1/15/2031 | 2.00% | \$ 183,515 | Phase 5 (CW-08-21R) | \$ 219,207 | \$ 10,816 | \$ 12,125 | \$ 12,139 | \$ 12,155 | \$ 12,171 | \$ 12,187 | \$ 12,203 | \$ 12,219 |
| 5/22/2013 | 1/15/2033 | 2.00% | \$ 4,845,150 | Phase 8 (CW-11-17) | \$ 5,897,509 | \$ 258,709 | \$ 293,234 | \$ 293,581 | \$ 293,936 | \$ 294,298 | \$ 294,668 | \$ 295,047 | \$ 295,434 |
| 5/22/2013 | 1/15/2033 | 2.00% | \$ 613,889 | Winthrop East (CW-09-13A) | \$ 747,225 | \$ 32,778 | \$ 37,153 | \$ 37,198 | \$ 37,242 | \$ 37,288 | \$ 37,335 | \$ 37,383 | \$ 37,432 |
| 9/26/2013 | 9/1/2033 | 3.30% | \$ 650,000 | Phase 8 Design | \$ 870,088 | \$ 8,369 | \$ 54,088 | \$ 53,388 | \$ 52,688 | \$ 51,988 | \$ 51,288 | \$ 50,413 | \$ 49,363 |
| 9/26/2013 | 9/1/2033 | 3.35% | \$ 400,000 | Phase 9 Design | \$ 541,783 | \$ 5,220 | \$ 31,925 | \$ 31,525 | \$ 31,125 | \$ 30,725 | \$ 30,325 | \$ 29,825 | \$ 29,225 |
| TOTAL: | | | | | \$ 61,064,526 | \$ 4,083,996 | \$ 4,170,114 | \$ 4,146,867 | \$ 4,121,628 | \$ 4,089,183 | \$ 4,064,209 | \$ 4,038,459 | \$ 3,690,822 |

EXISTING DEBT (FROM CITY TREASURER)

| FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | FY2029 | FY2030 | FY2031 | FY2032 | FY2033 | FY2034 |
|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|
| \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| \$ 12,600 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| \$ 10,269 | \$ 9,792 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| \$ 65,857 | \$ 62,794 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| \$ 61,177 | \$ 61,177 | \$ 61,177 | \$ 61,177 | \$ 61,177 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| \$ 77,876 | \$ 77,876 | \$ 77,877 | \$ 77,877 | \$ 77,876 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| \$ 5,398 | \$ 5,399 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| \$ 54,522 | \$ 54,521 | \$ 54,522 | \$ 54,522 | \$ 54,522 | \$ 54,522 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| \$ 148,472 | \$ 145,687 | \$ 141,484 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| \$ 38,945 | \$ 41,976 | \$ 40,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| \$ 68,516 | \$ 68,516 | \$ 68,516 | \$ 68,516 | \$ 68,516 | \$ 68,516 | \$ 68,516 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| \$ 12,900 | \$ 12,500 | \$ 12,100 | \$ 11,688 | \$ 11,275 | \$ 10,850 | \$ 10,425 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| \$ 294,219 | \$ 294,219 | \$ 294,219 | \$ 294,219 | \$ 294,219 | \$ 294,219 | \$ 294,218 | \$ 294,219 | \$ - | \$ - | \$ - | \$ - | \$ - |
| \$ 85,563 | \$ 82,906 | \$ 80,250 | \$ 77,500 | \$ 74,688 | \$ 71,875 | \$ 68,750 | \$ 65,625 | \$ - | \$ - | \$ - | \$ - | \$ - |
| \$ 273,913 | \$ 273,914 | \$ 273,915 | \$ 273,914 | \$ 273,914 | \$ 273,914 | \$ 273,914 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| \$ 253,500 | \$ 253,499 | \$ 253,499 | \$ 253,500 | \$ 253,499 | \$ 253,499 | \$ 253,499 | \$ 253,499 | \$ 253,499 | \$ 253,499 | \$ - | \$ - | \$ - |
| \$ 13,843 | \$ 13,843 | \$ 13,843 | \$ 13,843 | \$ 13,843 | \$ 13,843 | \$ 13,843 | \$ 13,843 | \$ 13,843 | \$ 13,843 | \$ - | \$ - | \$ - |
| \$ 14,720 | \$ 14,720 | \$ 14,720 | \$ 14,720 | \$ 14,720 | \$ 14,720 | \$ 14,720 | \$ 14,720 | \$ - | \$ - | \$ - | \$ - | \$ - |
| \$ 34,111 | \$ 34,108 | \$ 34,105 | \$ 34,102 | \$ 34,099 | \$ 34,097 | \$ 34,093 | \$ 34,089 | \$ 34,087 | \$ 34,082 | \$ - | \$ - | \$ - |
| \$ 313,929 | \$ 313,914 | \$ 313,899 | \$ 313,884 | \$ 313,868 | \$ 313,852 | \$ 313,836 | \$ 313,820 | \$ 313,804 | \$ 313,786 | \$ - | \$ - | \$ - |
| \$ 350,500 | \$ 350,922 | \$ 351,351 | \$ 351,791 | \$ 352,242 | \$ 352,701 | \$ 353,170 | \$ 353,649 | \$ 354,139 | \$ 354,641 | \$ 355,152 | \$ 355,675 | \$ - |
| \$ 272,593 | \$ 272,921 | \$ 273,255 | \$ 273,597 | \$ 273,947 | \$ 274,305 | \$ 274,670 | \$ 275,043 | \$ 275,423 | \$ 275,813 | \$ 276,211 | \$ 276,617 | \$ - |
| \$ 222,736 | \$ 223,004 | \$ 223,277 | \$ 223,557 | \$ 223,842 | \$ 224,134 | \$ 224,433 | \$ 224,737 | \$ 225,049 | \$ 225,367 | \$ 225,692 | \$ 226,024 | \$ - |
| \$ 12,237 | \$ 12,254 | \$ 12,271 | \$ 12,290 | \$ 12,308 | \$ 12,327 | \$ 12,347 | \$ 12,366 | \$ 12,386 | \$ 12,407 | \$ - | \$ - | \$ - |
| \$ 295,828 | \$ 296,232 | \$ 296,644 | \$ 297,065 | \$ 297,496 | \$ 297,936 | \$ 298,385 | \$ 298,844 | \$ 299,314 | \$ 299,792 | \$ 300,282 | \$ 300,783 | \$ - |
| \$ 37,482 | \$ 37,533 | \$ 37,585 | \$ 37,639 | \$ 37,693 | \$ 37,749 | \$ 37,806 | \$ 37,864 | \$ 37,924 | \$ 37,984 | \$ 38,047 | \$ 38,109 | \$ - |
| \$ 48,313 | \$ 47,263 | \$ 46,213 | \$ 40,238 | \$ 39,338 | \$ 38,419 | \$ 37,425 | \$ 36,375 | \$ 35,325 | \$ 34,200 | \$ 33,000 | \$ 31,800 | \$ 30,600 |
| \$ 28,625 | \$ 28,025 | \$ 27,425 | \$ 26,825 | \$ 26,225 | \$ 25,613 | \$ 24,950 | \$ 24,250 | \$ 23,550 | \$ 22,800 | \$ 22,000 | \$ 21,200 | \$ 20,400 |
| \$3,108,644 | \$3,089,515 | \$3,002,147 | \$2,812,464 | \$2,809,307 | \$2,667,091 | \$2,609,000 | \$2,252,943 | \$1,878,343 | \$1,878,214 | \$1,250,384 | \$1,250,208 | \$ 51,000 |

CITY OF TAUNTON WASTEWATER DEBT

ANTICIPATED DEBT

| | | | | | Total | | | | | | | | | |
|---------------|------|-------|---------------|-------------------------------------|----------------------|-------------------|-------------------|-------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--|
| | | | | | Anticipated | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | |
| 2014 | 2034 | 2.00% | \$ 4,000,000 | Phase 9 (CW-12-27) | \$ 4,000,000 | \$ 244,628 | \$ 244,628 | \$ 244,628 | \$ 244,628 | \$ 244,628 | \$ 244,628 | \$ 244,628 | \$ 244,628 | |
| 2014 | 2034 | 4.50% | \$ 600,000 | Phase 10 Design | \$ 600,000 | \$ 46,126 | \$ 46,126 | \$ 46,126 | \$ 46,126 | \$ 46,126 | \$ 46,126 | \$ 46,126 | \$ 46,126 | |
| 2015 | 2035 | 2.00% | \$ 200,000 | Final EIR/CWMP | \$ 200,000 | \$ - | \$ 12,231 | \$ 12,231 | \$ 12,231 | \$ 12,231 | \$ 12,231 | \$ 12,231 | \$ 12,231 | |
| 2015 | 2035 | 2.00% | \$ 6,000,000 | Phase 10 Construction | \$ 6,000,000 | \$ - | \$ 366,942 | \$ 366,942 | \$ 366,942 | \$ 366,942 | \$ 366,942 | \$ 366,942 | \$ 366,942 | |
| 2015 | 2035 | 4.50% | \$ 300,000 | Phase 11 Design | \$ 300,000 | \$ - | \$ 23,063 | \$ 23,063 | \$ 23,063 | \$ 23,063 | \$ 23,063 | \$ 23,063 | \$ 23,063 | |
| 2016 | 2036 | 2.00% | \$ 4,500,000 | Phase 11 Construction | \$ 4,500,000 | \$ - | \$ - | \$ 275,207 | \$ 275,207 | \$ 275,207 | \$ 275,207 | \$ 275,207 | \$ 275,207 | |
| 2016 | 2036 | 4.50% | \$ 300,000 | Phase 12 Design | \$ 300,000 | \$ - | \$ - | \$ 23,063 | \$ 23,063 | \$ 23,063 | \$ 23,063 | \$ 23,063 | \$ 23,063 | |
| 2017 | 2037 | 2.00% | \$ 4,500,000 | Phase 12 Construction | \$ 4,500,000 | \$ - | \$ - | \$ - | \$ 275,207 | \$ 275,207 | \$ 275,207 | \$ 275,207 | \$ 275,207 | |
| 2017 | 2037 | 4.50% | \$ 1,000,000 | Main Lift Pump Station Design | \$ 1,000,000 | \$ - | \$ - | \$ - | \$ 76,876 | \$ 76,876 | \$ 76,876 | \$ 76,876 | \$ 76,876 | |
| 2019 | 2039 | 2.00% | \$ 14,500,000 | Main Lift Pump Station Construction | \$ 14,500,000 | \$ - | \$ - | \$ - | \$ - | \$ 886,777 | \$ 886,777 | \$ 886,777 | \$ 886,777 | |
| 2021 | 2041 | 4.50% | \$ 2,800,000 | WWTF Interim Upgrade Design | \$ 2,800,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 215,253 | |
| 2023 | 2043 | 2.00% | \$ 25,000,000 | WWTF Phase I Interim Upgrade (TN=8 | \$ 25,000,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| 2025 | 2045 | 2.00% | \$ 13,100,000 | WWTF Phase II Interim Upgrade (gen | \$ 13,100,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| 2027 | 2047 | 4.50% | \$ 1,600,000 | WWTF Final Upgrade Design | \$ 1,600,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| 2032 | 2052 | 2.00% | \$ 21,800,000 | WWTF Final Upgrade (3 mg/L) | \$ 21,800,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| TOTAL: | | | | | \$ 96,200,000 | \$ 290,754 | \$ 692,990 | \$ 991,259 | \$ 1,343,342 | \$ 1,343,342 | \$ 2,230,118 | \$ 2,230,118 | \$ 2,445,371 | |

- Notes:
1. Anticipated Debt service (below) is based on a 20-year repayment, and is calculated using the MA Department of Revenue Debt Service Calculator.
 2. Existing Debt information provided by Taunton City Treasurer, and includes principal and interest payments.
 3. Design Debt is assumed to be non-SRF, and has been assigned an interest rate of 4.5% based on projections from the City's Bond Counsel.
 4. All Construction debt has been assumed to be SRF-funded at a rate of 2%
 5. Debt repayment is assumed to use the "level payment" method. Values will be different if the level principal method is used.
 6. Loans highlighted in yellow above are those that are certain to be partially borne by IMA communities.

Construction Debt Service (2%): \$ 61,157 per million borrowed
 \$ 0.0612 per dollar borrowed

Design Debt Service (4.5%): \$ 76,876 per million borrowed
 \$ 0.0769 per dollar borrowed

ANTICIPATED DEBT

| FY2022 | FY2023 | FY2024 | FY2025 | FY2026 | FY2027 | FY2028 | FY2029 | FY2030 | FY2031 | FY2032 | FY2033 | FY2034 |
|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| \$ 244,628 | \$ 244,628 | \$ 244,628 | \$ 244,628 | \$ 244,628 | \$ 244,628 | \$ 244,628 | \$ 244,628 | \$ 244,628 | \$ 244,628 | \$ 244,628 | \$ 244,628 | \$ 244,628 |
| \$ 46,126 | \$ 46,126 | \$ 46,126 | \$ 46,126 | \$ 46,126 | \$ 46,126 | \$ 46,126 | \$ 46,126 | \$ 46,126 | \$ 46,126 | \$ 46,126 | \$ 46,126 | \$ 46,126 |
| \$ 12,231 | \$ 12,231 | \$ 12,231 | \$ 12,231 | \$ 12,231 | \$ 12,231 | \$ 12,231 | \$ 12,231 | \$ 12,231 | \$ 12,231 | \$ 12,231 | \$ 12,231 | \$ 12,231 |
| \$ 366,942 | \$ 366,942 | \$ 366,942 | \$ 366,942 | \$ 366,942 | \$ 366,942 | \$ 366,942 | \$ 366,942 | \$ 366,942 | \$ 366,942 | \$ 366,942 | \$ 366,942 | \$ 366,942 |
| \$ 23,063 | \$ 23,063 | \$ 23,063 | \$ 23,063 | \$ 23,063 | \$ 23,063 | \$ 23,063 | \$ 23,063 | \$ 23,063 | \$ 23,063 | \$ 23,063 | \$ 23,063 | \$ 23,063 |
| \$ 275,207 | \$ 275,207 | \$ 275,207 | \$ 275,207 | \$ 275,207 | \$ 275,207 | \$ 275,207 | \$ 275,207 | \$ 275,207 | \$ 275,207 | \$ 275,207 | \$ 275,207 | \$ 275,207 |
| \$ 23,063 | \$ 23,063 | \$ 23,063 | \$ 23,063 | \$ 23,063 | \$ 23,063 | \$ 23,063 | \$ 23,063 | \$ 23,063 | \$ 23,063 | \$ 23,063 | \$ 23,063 | \$ 23,063 |
| \$ 275,207 | \$ 275,207 | \$ 275,207 | \$ 275,207 | \$ 275,207 | \$ 275,207 | \$ 275,207 | \$ 275,207 | \$ 275,207 | \$ 275,207 | \$ 275,207 | \$ 275,207 | \$ 275,207 |
| \$ 76,876 | \$ 76,876 | \$ 76,876 | \$ 76,876 | \$ 76,876 | \$ 76,876 | \$ 76,876 | \$ 76,876 | \$ 76,876 | \$ 76,876 | \$ 76,876 | \$ 76,876 | \$ 76,876 |
| \$ 886,777 | \$ 886,777 | \$ 886,777 | \$ 886,777 | \$ 886,777 | \$ 886,777 | \$ 886,777 | \$ 886,777 | \$ 886,777 | \$ 886,777 | \$ 886,777 | \$ 886,777 | \$ 886,777 |
| \$ 215,253 | \$ 215,253 | \$ 215,253 | \$ 215,253 | \$ 215,253 | \$ 215,253 | \$ 215,253 | \$ 215,253 | \$ 215,253 | \$ 215,253 | \$ 215,253 | \$ 215,253 | \$ 215,253 |
| \$ - | \$ 1,528,925 | \$ 1,528,925 | \$ 1,528,925 | \$ 1,528,925 | \$ 1,528,925 | \$ 1,528,925 | \$ 1,528,925 | \$ 1,528,925 | \$ 1,528,925 | \$ 1,528,925 | \$ 1,528,925 | \$ 1,528,925 |
| \$ - | \$ - | \$ - | \$ 801,157 | \$ 801,157 | \$ 801,157 | \$ 801,157 | \$ 801,157 | \$ 801,157 | \$ 801,157 | \$ 801,157 | \$ 801,157 | \$ 801,157 |
| \$ - | \$ - | \$ - | \$ - | \$ - | \$ 123,002 | \$ 123,002 | \$ 123,002 | \$ 123,002 | \$ 123,002 | \$ 123,002 | \$ 123,002 | \$ 123,002 |
| \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 1,333,223 | \$ 1,333,223 | \$ 1,333,223 |
| \$2,445,371 | \$3,974,296 | \$3,974,296 | \$4,775,453 | \$4,775,453 | \$4,898,454 | \$4,898,454 | \$4,898,454 | \$4,898,454 | \$4,898,454 | \$6,231,677 | \$6,231,677 | \$6,231,677 |