

2020 Adopted Budget

December 4, 2019



NEW Water
Green Bay Metropolitan Sewerage District
2020 Adopted - December 4, 2019
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5-Year Capital Investment Plan Report

Summary of Revenues and Expenses Legends

NEW Water
Green Bay Metropolitan Sewerage District
2020 Adopted - December 4, 2019
DATES AND EVENTS

| | |
|-------------------------|--|
| July 24, 2019 | First Discussion of 2019 Budget with Commission |
| August 20, 2019 | First Budget Workshop |
| September 10, 2019 | Budget Meeting with Customers |
| September 26, 2019 | Second Budget Workshop and 2019 Tax Abatement Schedule |
| October 2019 | Elected Officials Board Meetings |
| October 23, 2019 | Third Budget Workshop (if needed) |
| December 4, 2019 | 2020 Budget Public Hearing and Adoption |
| December 5, 2019 | 2020 Adopted Budget Distributed to Customers |

NEW Water
Green Bay Metropolitan Sewerage District
2020 Adopted - December 4, 2019
Municipal, Procter & Gamble, Green Bay Packaging and Fox River Fiber Rate Comparisons

Municipal Rate Comparison

| Parameter | COS Title | 2019 COS Rate (FRF Adjusted) | 2020 COS Rate (FRF Adjusted) | 2020 Budget Comparison with 2019 Adopted Budget |
|-----------------------------------|-----------|------------------------------|------------------------------|---|
| Volume (1,000 GALS) | Flow | \$0.72428 | \$0.72007 | (\$0.0042) |
| Biochemical Oxygen Demand (LBS) | BOD | \$0.29558 | \$0.33516 | \$0.0396 |
| Suspended Solids (LBS) | TSS | \$0.26732 | \$0.27929 | \$0.0120 |
| Phosphorus (LBS) | PHOS | \$0.44398 | \$0.71609 | \$0.2721 |
| Total Kjeldahl Nitrogen (LBS) | TKN | \$0.74148 | \$0.82425 | \$0.0828 |

Note: Fixed Charge is billed separately as shown on page 3, Flow and Load Projections.

Procter & Gamble Operation & Maintenance Rate Comparison

| Parameter | COS Title | 2019 COS Rate (FRF Adjusted) | 2020 COS Rate (FRF Adjusted) | 2020 Budget Comparison with 2019 Adopted Budget |
|-----------------------------------|-----------|------------------------------|------------------------------|---|
| Volume (1,000 GALS) | Flow | \$0.58964 | \$0.56266 | (\$0.0270) |
| Biochemical Oxygen Demand (LBS) | BOD | \$0.23376 | \$0.25891 | \$0.0251 |
| Suspended Solids (LBS) | TSS | \$0.20216 | \$0.20401 | \$0.0018 |
| Phosphorus (LBS) | PHOS | \$0.29866 | \$0.56941 | \$0.2708 |
| Total Kjeldahl Nitrogen (LBS) | TKN | \$0.67460 | \$0.74910 | \$0.0745 |

Note: Capital Charges for P&G to be billed separately.

Fox River Fiber Operation & Maintenance Rate Comparison

| Parameter | COS Title | 2019 COS Rate (FRF Adjusted) | 2020 COS Rate (FRF Adjusted) | 2020 Budget Comparison with 2019 Adopted Budget |
|-----------------------------------|-----------|------------------------------|------------------------------|---|
| Volume (1,000 GALS) | Flow | \$0.48322 | \$0.53989 | \$0.0567 |
| Biochemical Oxygen Demand (LBS) | BOD | \$0.28558 | \$0.32250 | \$0.0369 |
| Suspended Solids (LBS) | TSS | \$0.25893 | \$0.26953 | \$0.0106 |
| Phosphorus (LBS) | PHOS | \$0.43155 | \$0.68817 | \$0.2566 |
| Total Kjeldahl Nitrogen (LBS) | TKN | \$0.71272 | \$0.78674 | \$0.0740 |

Note: The Fixed Charge for Fox River Fiber to be billed separately by City of De Pere.

NEW Water
Green Bay Metropolitan Sewerage District
2020 Adopted - December 4, 2019
Summary of Revenues and Expenses

| | 2018 Budget | 2018 Actual | 2019 Budget | % of Overall Expenses | Projected 2019 Year-End | 2020 Budget | % of Overall Expenses | 2020 Budget Favorable/ (Unfavorable) Variance | % Variance |
|--|----------------------|----------------------|----------------------|-----------------------|-------------------------|----------------------|-----------------------|---|--------------|
| Revenues | | | | | | | | | |
| Municipal User Fees (3) | \$ 34,221,844 | \$ 34,174,012 | \$ 33,799,675 | 83.7% | \$ 35,846,592 | \$ 35,581,435 | 85.4% | \$ 1,781,760 | 5.3% |
| P&G User Fees | 1,441,121 | 1,492,900 | 1,342,045 | 3.3% | 1,396,700 | 1,510,146 | 3.6% | 168,101 | 12.5% |
| Hauled Waste User Fees | 416,872 | 800,773 | 541,357 | 1.3% | 952,309 | 531,619 | 1.3% | (9,738) | -1.8% |
| Mills Direct Charges | 109,756 | 117,559 | 117,200 | 0.3% | 105,414 | 117,200 | 0.3% | - | 0.0% |
| P&G Capital Charges | 1,037,677 | 1,033,729 | 1,163,822 | 2.9% | 1,163,822 | 1,204,467 | 2.9% | 40,645 | 3.5% |
| General Reserve Interest | 2,175 | 175,606 | 14,019 | 0.0% | 14,019 | 21,855 | 0.1% | 7,836 | 55.9% |
| Other Revenues | 350,152 | 142,662 | 1,177,704 | 2.9% | 1,023,431 | 664,240 | 1.6% | (513,464) | -43.6% |
| | \$ 37,579,597 | 37,937,241 | 38,155,822 | 94.5% | 40,502,287 | \$ 39,630,962 | 95.2% | \$ 1,475,140 | 3.9% |
| DEBT and ICR Reserve Transfers | 2,334,123 | 2,334,123 | 2,027,034 | 5.0% | 2,027,034 | 1,536,616 | 3.7% | (490,418) | -24.2% |
| General Fund Transfers | - | (173,431) | 175,000 | - | (800,044) | 480,000 | 268.8% | 305,000 | 174.3% |
| | \$ 2,334,123 | \$ 2,160,692 | \$ 2,202,034 | 5.5% | \$ 1,226,990 | \$ 2,016,616 | 4.8% | \$ (185,418) | -8.4% |
| Total Revenues | \$ 39,913,720 | \$ 40,097,933 | \$ 40,357,855 | 100.0% | \$ 41,729,277 | \$ 41,647,578 | 100.0% | \$ 1,289,723 | 3.2% |
| Expenses | | | | | | | | | |
| Salaries & Benefits | \$ 10,401,955 | \$ 9,997,075 | \$ 10,741,619 | 26.6% | \$ 10,490,949 | \$ 11,383,710 | 27.3% | \$ (642,091) | -6.0% |
| Power | 1,923,964 | 2,678,554 | 1,537,400 | 3.8% | 1,736,365 | 1,607,896 | 3.9% | (70,496) | -4.6% |
| Contracted Services | 3,588,058 | 3,423,259 | 2,966,020 | 7.3% | 2,915,461 | 3,863,924 | 9.3% | (897,904) | -30.3% |
| Maintenance & Repairs | 1,942,867 | 1,523,139 | 1,688,721 | 4.2% | 1,654,649 | 1,634,541 | 3.9% | 54,180 | 3.2% |
| Chemicals | 945,239 | 802,577 | 1,045,447 | 2.6% | 1,178,105 | 978,403 | 2.3% | 67,044 | 6.4% |
| Natural Gas & Fuel Oil | 487,404 | 1,208,015 | 327,449 | 0.8% | 667,891 | 702,907 | 1.7% | (375,458) | -114.7% |
| Solid Waste Disposal | 180,686 | 133,001 | 283,828 | 0.7% | 312,700 | 254,828 | 0.6% | 29,000 | 10.2% |
| Interceptor System (1) | 690,490 | 801,429 | 1,106,301 | 2.7% | 2,015,921 | 631,136 | 1.5% | 475,165 | 43.0% |
| Office & Administrative | 631,146 | 570,076 | 614,468 | 1.5% | 665,435 | 659,991 | 1.6% | (45,523) | -7.4% |
| Insurance | 250,375 | 222,145 | 274,830 | 0.7% | 348,581 | 290,490 | 0.7% | (15,660) | -5.7% |
| Supplies | 220,187 | 127,681 | 218,826 | 0.5% | 246,532 | 221,774 | 0.5% | (2,948) | -1.3% |
| Employee Training & Development | 175,094 | 143,911 | 186,978 | 0.5% | 140,024 | 178,562 | 0.4% | 8,416 | 4.5% |
| Travel and Meetings | 75,815 | 77,657 | 70,791 | 0.2% | 56,367 | 88,493 | 0.2% | (17,702) | -25.0% |
| DNR Environmental Fees | 136,000 | 124,975 | 131,000 | 0.3% | 124,458 | 131,000 | 0.3% | - | 0.0% |
| Contingency | | | | | | - | | - | 0.0% |
| Total O & M Expenses | \$ 21,649,280 | \$ 21,833,494 | \$ 21,193,678 | 52.5% | \$ 22,553,438 | \$ 22,627,655 | 54.3% | \$ (1,433,977) | -6.8% |
| Debt Service (2) | \$ 15,253,439 | \$ 15,253,439 | \$ 16,216,177 | 40.2% | \$ 16,216,177 | \$ 17,248,923 | 41.4% | \$ (1,032,746) | -6.4% |
| Annual Capital | 3,011,000 | 3,011,000 | 2,948,000 | 7.3% | 2,959,662 | 1,771,000 | 4.3% | 1,177,000 | 39.9% |
| Total Debt Service, Annual Capital & Rate Stabilization | \$ 18,264,439 | \$ 18,264,439 | \$ 19,164,177 | 47.5% | \$ 19,175,839 | \$ 19,019,923 | 45.7% | \$ 144,254 | 0.8% |
| Total Expenses | \$ 39,913,719 | \$ 40,097,933 | \$ 40,357,855 | 100.0% | \$ 41,729,277 | \$ 41,647,578 | 100.0% | \$ (1,289,723) | -3.2% |

Notes:

(1) Interceptor System includes all expenses related to Interceptors, Meter and Lift Stations, including chemicals, power, phones, pretreatment program, and water.

(2) Debt Service for 2020 reflects collection and payments for 2021 Debt Payments.

(3) Municipal User Fees equal municipal customers plus Fox River Fiber.

NEW Water
Green Bay Metropolitan Sewerage District
2020 Adopted - December 4, 2019
Flow and Load Projections - with FRF Adjustment

| | VOLUME | | BOD | | TSS | | PHOS | | TKN | | 65.0% Fixed Charge | Total Amount |
|--|---------------|--------------|------------|--------------|------------|--------------|---------|------------|-----------|--------------|-----------------------|---------------|
| | (1000 gallon) | Amount | Pounds | Amount | Pounds | Amount | Pounds | Amount | Pounds | Amount | Amount | |
| City of Green Bay | 5,300,000 | \$ 3,816,353 | 7,234,423 | \$ 2,424,687 | 8,562,010 | \$ 2,391,306 | 181,746 | \$ 130,147 | 1,222,327 | \$ 1,007,498 | \$ 5,064,568 | \$ 14,834,559 |
| City of De Pere | 1,280,000 | 921,685 | 4,002,900 | 1,341,611 | 2,432,099 | 679,267 | 27,285 | 19,539 | 282,837 | 233,127 | 1,851,398 | 5,046,627 |
| Fox River Fiber | 300,000 | 161,968 | 1,235,846 | 398,560 | 908,069 | 244,754 | 28,511 | 19,620 | 266,079 | 209,335 | 641,891 | 1,676,129 |
| Village of Allouez | 710,000 | 511,247 | 747,792 | 250,630 | 1,003,800 | 280,354 | 21,372 | 15,304 | 154,164 | 127,069 | 585,594 | 1,770,198 |
| Village of Ashwaubenon | 1,410,000 | 1,015,294 | 2,486,484 | 833,369 | 2,674,376 | 746,933 | 64,164 | 45,947 | 317,143 | 261,404 | 1,588,579 | 4,491,526 |
| Village of Bellevue | 650,000 | 468,043 | 846,660 | 283,766 | 900,840 | 251,598 | 23,136 | 16,567 | 179,244 | 147,741 | 580,364 | 1,748,080 |
| Village of Hobart | 200,000 | 144,013 | 304,464 | 102,044 | 360,708 | 100,743 | 7,452 | 5,336 | 60,420 | 49,801 | 211,362 | 613,300 |
| Village of Howard | 830,000 | 597,655 | 777,446 | 260,569 | 1,841,147 | 514,219 | 25,264 | 18,091 | 299,253 | 246,658 | 852,585 | 2,489,777 |
| Village of Luxemburg | 175,000 | 126,012 | 31,000 | 10,390 | 46,000 | 12,847 | 1,800 | 1,289 | 10,000 | 8,242 | 49,415 | 208,196 |
| Village of Pulaski | 196,000 | 141,133 | 55,080 | 18,461 | 53,796 | 15,025 | 7,224 | 5,173 | 38,616 | 31,829 | 68,889 | 280,510 |
| Village of Suamico | 203,000 | 146,174 | 549,083 | 184,031 | 544,641 | 152,114 | 11,927 | 8,541 | 72,555 | 59,803 | 321,758 | 872,420 |
| Town of Ledgeview Sanitary District #2 | 185,000 | 133,212 | 234,996 | 78,761 | 254,844 | 71,176 | 7,512 | 5,379 | 55,608 | 45,835 | 164,714 | 499,078 |
| Town of Lawrence - Utility District | 120,000 | 86,408 | 254,676 | 85,357 | 447,516 | 124,988 | 6,204 | 4,443 | 48,000 | 39,564 | 205,292 | 546,052 |
| Pittsfield Sanitary District | 12,500 | 9,001 | 16,697 | 5,596 | 27,524 | 7,687 | 456 | 327 | 3,451 | 2,844 | 13,818 | 39,274 |
| Scott Municipal Utility | 120,000 | 86,408 | 156,648 | 52,502 | 260,254 | 72,687 | 4,846 | 3,470 | 37,332 | 30,771 | 131,857 | 377,695 |
| Dyckesville Sanitary District | 28,500 | 20,522 | 37,167 | 12,457 | 61,269 | 17,112 | 1,014 | 726 | 7,683 | 6,333 | 30,866 | 88,015 |
| Total Municipal | 11,720,000 | \$ 8,385,129 | 18,971,362 | \$ 6,342,791 | 20,378,893 | \$ 5,682,811 | 419,913 | \$ 299,900 | 3,054,712 | \$ 2,507,854 | \$ 12,362,950 | \$ 35,581,435 |
| Hauled Waste | 28,752 | 20,331 | 322,368 | 180,807 | 539,471 | 264,984 | 7,714 | 8,956 | 56,090 | 56,542 | - | 531,619 |
| Procter & Gamble | 1,550,000 | \$ 872,123 | 589,068 | \$ 152,513 | 2,224,572 | \$ 453,826 | 2,172 | \$ 1,237 | 40,644 | \$ 30,447 | \$ - | \$ 1,510,146 |
| Total Mill | 1,550,000 | \$ 872,123 | 589,068 | \$ 152,513 | 2,224,572 | \$ 453,826 | 2,172 | \$ 1,237 | 40,644 | \$ 30,447 | \$ - | \$ 1,510,146 |
| Grand Total | | | | | | | | | | | | |
| Units | 13,298,752 | | 19,882,798 | | 23,142,936 | | 429,799 | | 3,151,446 | | | |
| Costs | | \$ 9,277,583 | | \$ 6,676,110 | | \$ 6,401,622 | | \$ 310,092 | | \$ 2,594,842 | \$ 12,362,950 | \$ 37,623,199 |

Note: Fixed Charge is billed 1/12 of annual amount each month.

NEW Water
Green Bay Metropolitan Sewerage District
2020 Adopted - December 4, 2019
User Fees by Source

| | 2020 Budget | 2019 Budget | 2018 Actual | 2017 Actual | 2016 Actual |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|
| City of Green Bay | \$14,834,559 | \$14,476,493 | \$14,057,433 | \$14,974,753 | \$13,827,312 |
| City of De Pere | 5,046,627 | 4,646,056 | 4,480,750 | 5,434,550 | 5,037,348 |
| Fox River Fiber | 1,676,129 | 1,450,323 | 1,829,527 | 1,163,311 | 1,084,874 |
| Village of Allouez | 1,770,198 | 1,741,047 | 1,653,805 | 1,780,075 | 1,749,897 |
| Village of Ashwaubenon | 4,491,526 | 4,044,325 | 3,817,487 | 4,069,542 | 3,977,249 |
| Village of Bellevue | 1,748,080 | 1,663,872 | 1,649,952 | 1,740,876 | 1,593,290 |
| Village of Hobart | 613,300 | 597,697 | 545,071 | 568,425 | 459,957 |
| Village of Howard | 2,489,777 | 2,459,531 | 1,819,469 | 2,410,582 | 2,408,423 |
| Village of Luxemburg | 208,196 | 264,432 | 239,987 | 225,721 | 174,364 |
| Village of Pulaski | 280,510 | 285,720 | 303,684 | 318,328 | 317,468 |
| Village of Suamico | 872,420 | 692,384 | 709,620 | 725,354 | 669,926 |
| Town of Ledgeview Sanitary District #2 | 499,078 | 489,169 | 463,003 | 505,389 | 469,136 |
| Town of Lawrence - Utility District | 546,052 | 482,198 | 457,110 | 455,156 | 374,940 |
| Pittsfield Sanitary District | 39,274 | 38,331 | 32,991 | 37,351 | 38,741 |
| Scott Municipal Utility ** | 377,695 | 381,073 | 0 | 0 | 0 |
| Dyckesville Sanitary District | 88,015 | 87,024 | 75,008 | 84,852 | 87,100 |
| New Franken Sanitary District ** | 0 | 0 | 38,850 | 43,742 | 45,153 |
| Royal Scott Sanitary District ** | 0 | 0 | 75,347 | 90,566 | 84,184 |
| Town of Scott Sanitary District #1 ** | 0 | 0 | 150,671 | 169,977 | 178,443 |
| Bayshore Sanitary District ** | 0 | 0 | 59,011 | 67,899 | 70,015 |
| Hauled Waste * | 531,619 | 541,357 | 1,895,252 | 1,823,820 | 1,280,178 |
| Total Municipal | \$36,113,053 | \$34,341,032 | \$34,354,027 | \$36,690,269 | \$33,927,997 |
| Procter & Gamble | 1,510,146 | 1,342,045 | 1,492,757 | 1,425,552 | 1,275,813 |
| Total Mill | \$1,510,146 | \$1,342,045 | \$1,492,757 | \$1,425,552 | \$1,275,813 |
| Total User Fees | \$37,623,199 | \$35,683,077 | \$35,846,784 | \$38,115,821 | \$35,203,811 |

* Hauled Waste for 2016, 2017, & 2018 was significantly higher due to special projects with the three cheese facilities.

** Scott Municipal Utility is a consolidation of New Franken Sanitary District, Royal Scott Sanitary District, Town of Scott Sanitary District #1, and Bayshore Sanitary District.

NEW Water
Green Bay Metropolitan Sewerage District
2020 Adopted - December 4, 2019
Municipal Cost of Service

| | <u>Total</u> | <u>VOLUME</u> 1,000 gal | <u>BOD</u> pounds | <u>TSS</u> pounds | <u>PHOS</u> pounds | <u>TKN</u> pounds | <u>Fixed Charge</u> N/A |
|--------------------------------------|--------------|----------------------------|----------------------|----------------------|-----------------------|----------------------|----------------------------|
| Unit Value Units (1) | | 11,720,000 | 18,971,362 | 20,378,893 | 419,913 | 3,054,712 | 11,720,000 |
| Cost of Service | | | | | | | |
| Municipal | | | | | | | |
| Operating Cost | \$19,465,837 | \$ 7,866,007 | \$ 4,913,373 | \$ 4,158,477 | \$ 239,173 | \$ 2,288,808 | \$ - |
| Pretreatment Cost Allocation | 268,486 | 0 | 131,960 | 88,049 | 5,784 | 42,692 | 0 |
| Capital Cost | 6,427,413 | 514,404 | 407,791 | 292,111 | 50,185 | 148,645 | 5,014,276 |
| Solids Project - Capital Cost | 9,419,699 | 4,718 | 889,666 | 1,144,174 | 4,758 | 27,709 | 7,348,674 |
| Total Cost | \$35,581,435 | \$ 8,385,129 | \$ 6,342,791 | \$ 5,682,811 | \$ 299,900 | \$ 2,507,854 | \$ 12,362,950 |
| Unit Operating Cost | | \$0.67116 | \$0.26594 | \$0.20838 | \$0.58335 | \$0.76325 | |
| Unit Capital Cost | | \$0.04429 | \$0.06839 | \$0.07048 | \$0.13084 | \$0.05773 | |
| Unit Combined Cost | | \$0.71545 | \$0.33434 | \$0.27886 | \$0.71420 | \$0.82098 | |
| Fox River Fiber (FRF) Adjustment (2) | | \$0.00461 | \$0.00082 | \$0.00043 | \$0.00190 | \$0.00327 | |
| Adjusted Unit Combined Cost | | \$0.72007 | \$0.33516 | \$0.27929 | \$0.71609 | \$0.82425 | |

(1) Exclude Hauled Waste flows and loads.

(2) FRF Adjustment removes interceptor costs from FRF Cost of Service

GBMSD MUNICIPAL BUDGET RATE
HISTORY

| | VOLUME | BOD | SS | PHOS | TKN |
|------|-----------|-----------|-----------|-----------|-----------|
| 2020 | \$0.72007 | \$0.33516 | \$0.27929 | \$0.71609 | \$0.82425 |
| 2019 | \$0.72428 | \$0.29558 | \$0.26732 | \$0.44398 | \$0.74148 |
| 2018 | \$0.69897 | \$0.35126 | \$0.28304 | \$0.75833 | \$0.70556 |
| 2017 | \$0.72126 | \$0.41913 | \$0.36651 | \$0.58901 | \$0.76448 |
| 2016 | \$0.79357 | \$0.43068 | \$0.41292 | \$0.60597 | \$0.64043 |
| 2015 | \$0.80448 | \$0.39331 | \$0.34822 | \$0.56768 | \$0.65358 |

NEW Water
Green Bay Metropolitan Sewerage District
2020 Adopted - December 4, 2019
Hauled Waste Cost of Service

| | <u>Total</u> | <u>VOLUME</u> | <u>BOD</u> | <u>TSS</u> | <u>PHOS</u> | <u>TKN</u> | <u>Fixed Charge</u> |
|-------------------------------|------------------|-----------------|------------------|------------------|----------------|-----------------|---------------------|
| Unit Value | | 1,000 gal | pounds | pounds | pounds | pounds | N/A |
| Units | | 28,752 | 322,368 | 539,471 | 7,714 | 56,090 | 0 |
| Cost of Service | | | | | | | |
| Operating Cost | \$255,979 | \$16,051 | \$83,463 | \$110,055 | \$4,392 | \$42,017 | \$0 |
| Pretreatment Cost Allocation | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Capital Cost | 105,412 | 2,287 | 37,528 | 55,949 | 2,360 | 7,287 | 0 |
| Solids Project - Capital cost | 170,228 | 1,993 | 59,816 | 98,979 | 2,203 | 7,237 | 0 |
| Direct Charges | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| FRF Adjustment | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Cost | \$531,619 | \$20,331 | \$180,807 | \$264,984 | \$8,956 | \$56,542 | \$0 |
| Unit Operating Cost | | \$0.55826 | \$0.25891 | \$0.20401 | \$0.56941 | \$0.74910 | \$0.00000 |
| Unit Capital Cost | | \$0.149 | \$0.302 | \$0.287 | \$0.592 | \$0.259 | \$0.000 |
| Unit Combined Cost | | \$0.707 | \$0.561 | \$0.491 | \$1.161 | \$1.008 | \$0.000 |

NEW Water
Green Bay Metropolitan Sewerage District
2020 Adopted - December 4, 2019
Procter & Gamble Cost of Service

| | <u>Total</u> | <u>VOLUME</u> | <u>BOD</u> | <u>TSS</u> | <u>PHOS</u> | <u>TKN</u> | <u>Capital Charge</u> |
|-------------------------------|--------------------|------------------|------------------|------------------|------------------|------------------|-----------------------|
| Unit Value | | 1,000 gal | pounds | pounds | pounds | pounds | N/A |
| Units | | 1,550,000 | 589,068 | 2,224,572 | 2,172 | 40,644 | 1,550,000 |
| Cost of Service | | | | | | | |
| Operating Cost | \$1,510,146 | \$872,123 | \$152,513 | \$453,826 | \$1,237 | \$30,447 | \$0 |
| Pretreatment Cost Allocation | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Capital Cost | 436,490 | 0 | 0 | 0 | 0 | 0 | 436,490 |
| Solids Project - Capital Cost | 767,977 | 0 | 0 | 0 | 0 | 0 | 767,977 |
| Direct Charges | 73,648 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Cost | \$2,788,261 | \$872,123 | \$152,513 | \$453,826 | \$1,237 | \$30,447 | \$1,204,467 |
| Unit Cost | | \$0.56266 | \$0.25891 | \$0.20401 | \$0.56941 | \$0.74910 | |
| Unit Capital Cost (1) | | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | \$0.00000 | |
| Unit Combined Cost | | \$0.56266 | \$0.25891 | \$0.20401 | \$0.56941 | \$0.74910 | |

| BUDGET RATE HISTORY | VOLUME | BOD | TSS | PHOS | TKN |
|----------------------------|---------------|------------|------------|-------------|------------|
| 2020 | \$0.56266 | \$0.25891 | \$0.20401 | \$0.56941 | \$0.74910 |
| 2019 | \$0.58964 | \$0.23376 | \$0.20216 | \$0.29866 | \$0.67460 |
| 2018 | \$0.58847 | \$0.28878 | \$0.22148 | \$0.69239 | \$0.64105 |
| 2017 | \$0.58553 | \$0.26840 | \$0.20301 | \$0.43617 | \$0.64104 |
| 2016 | \$0.05342 | \$0.25789 | \$0.18371 | \$0.38906 | \$0.49819 |
| 2015 | \$0.52549 | \$0.26270 | \$0.19420 | \$0.40750 | \$0.50956 |

Note: (1) Capital Charges for P&G to be billed separately.

NEW Water
Green Bay Metropolitan Sewerage District
2020 Adopted - December 4, 2019
Fox River Fiber Cost of Service

| | <u>Total</u> | <u>VOLUME</u> | <u>BOD</u> | <u>TSS</u> | <u>PHOS</u> | <u>TKN</u> | <u>Fixed Charge (1)</u> |
|--|---------------------|-------------------|-------------------|-------------------|------------------|-------------------|-------------------------|
| Unit Value | | 1,000 gal | pounds | pounds | pounds | pounds | N/A |
| Units | | 300,000 | 1,235,846 | 908,069 | 28,511 | 266,079 | - |
| Cost of Service | | | | | | | |
| Operating Cost | \$ 922,322 | \$ 201,348 | \$ 320,070 | \$ 185,299 | \$ 16,239 | \$ 199,365 | \$ - |
| Pretreatment Cost Allocation | 16,631 | - | 8,596 | 3,923 | 393 | 3,719 | - |
| Capital Cost | 822,791 | 13,288 | 84,520 | 64,000 | 3,730 | 15,361 | 641,891 |
| Solids Project | - | - | - | - | - | - | - |
| Subtotal Cost of Service | \$ 1,761,744 | \$ 214,636 | \$ 413,187 | \$ 253,222 | \$ 20,362 | \$ 218,445 | \$ 641,891 |
| Direct Charges | 49,587 | - | - | - | - | - | - |
| Less FRF Adjustment | (85,615) | (52,669) | (14,626) | (8,468) | (742) | (9,110) | - |
| Total Cost | \$ 1,725,716 | \$ 161,968 | \$ 398,560 | \$ 244,754 | \$ 19,620 | \$ 209,335 | \$ 641,891 |
| Unit Cost | | \$0.71545 | \$0.33434 | \$0.27886 | \$0.71420 | \$0.82098 | |
| FRF Adjustment | | (0.17556) | (0.01184) | (0.00932) | (0.02603) | (0.03424) | |
| Unit Cost (with FRF Adjustment) | | \$0.53989 | \$0.32250 | \$0.26953 | \$0.68817 | \$0.78674 | |

| BUDGET RATE HISTORY | VOLUME | BOD | TSS | PHOS | TKN |
|----------------------------|---------------|------------|------------|-------------|------------|
| 2020 | \$0.53989 | \$0.32250 | \$0.26953 | \$0.68817 | \$0.78674 |
| 2019 | \$0.48322 | \$0.28558 | \$0.25893 | \$0.43155 | \$0.71272 |
| 2018 | \$0.44504 | \$0.33742 | \$0.27266 | \$0.72553 | \$0.67474 |
| 2017 | \$0.53436 | \$0.40685 | \$0.35735 | \$0.56875 | \$0.73482 |
| 2016 | \$0.63165 | \$0.41777 | \$0.40379 | \$0.58647 | \$0.61550 |
| 2015 | \$0.59821 | \$0.38082 | \$0.33967 | \$0.55008 | \$0.63145 |

Note (1): The Fixed Charge for Fox River Fiver to be billed separately by the City of DePere.

NEW Water
GREEN BAY METROPOLITAN SEWERAGE DISTRICT
2020 Adopted - December 4, 2019
Allocation of Capital and Debt Service Costs (1)

| Debt Service | FY2020 | Allocations | |
|--|----------------------|----------------------|-------------------------|
| | | Municipal | Procter & Gamble (1) |
| Debt Service - Municipal Only | | | |
| Clean Water Fund Loans | | | |
| 4198-18 Scott Bayshore Interceptor | 45,717 | 45,717 | 0 |
| 4198-21 East Tower Drive Interceptor | 182,776 | 182,776 | 0 |
| 4198-29 Phase Two Interceptor Rehabilitation | 216,163 | 216,163 | 0 |
| 4198-45 De Pere Facility East Service Area Interceptor Rehabilitation | 186,778 | 186,778 | 0 |
| East River Interceptor Rehabilitation (2018 New)* | 265,793 | 265,793 | 0 |
| Ninth Street Interceptor Rehabilitation (2019 New) * | 201,056 | 201,056 | 0 |
| East Fox River Interceptor Rehabilitation (2021 New) | 47,400 | 47,400 | 0 |
| Fox River Crossing Rehabilitation (2021 New) | 26,200 | 26,200 | 0 |
| Other General Obligation Debt | | | |
| 2008 Sewerage System Improvement Bond | 475,488 | 475,488 | 0 |
| Total Debt Service - Municipal Only (2) | \$1,647,371 | \$1,647,371 | \$0 |
| Debt Service - Common to All | | | |
| 4198-02 Bar Screen Replacement | 100,614 | 94,057 | 6,557 |
| 4198-09 Service Water System | 64,640 | 60,427 | 4,212 |
| 4198-24 Electrical Generation Facility | 208,229 | 194,660 | 13,569 |
| 4198-25 RAS/WAS Improvements | 662,801 | 619,609 | 43,192 |
| 4198-27 Solids Process Improvement | 352,427 | 329,461 | 22,966 |
| 4198- 32 GBF: Administration & Maintenance Building HVAC Replacement * | 206,374 | 192,925 | 13,448 |
| 4198-35 Combined Treatment Facilities Projects | 300,587 | 280,999 | 19,588 |
| 4198-37 Consolidation/Conveyance Project | 880,772 | 823,376 | 57,396 |
| 4198-44 R2E2 Solids Management * | 981,045 | 908,261 | 72,784 |
| 4198-48 DPF: UV Disinfection System Upgrade * | 270,966 | 253,309 | 17,658 |
| 4345-04 De Pere Facility | 257,532 | 240,750 | 16,782 |
| 4198-99 Green Bay Facility Solids Management Plan Construction (R2E2) | 8,502,224 | 7,871,446 | 630,779 |
| 4198-52 Green Bay Disinfection Project * | 112,991 | 104,608 | 8,383 |
| 4198-53 DPF Substation & Emergency Generator | 718,437 | 665,136 | 53,301 |
| GBF & DPF: Clarifier Rehabilitation (2018 New)* | 204,867 | 191,517 | 13,350 |
| GBF: Gravity Belt Thickener Replacement (2020 New) | 111,849 | 104,560 | 7,289 |
| DPF: Tertiary Filter Replacement (2019 New) * | 297,000 | 277,646 | 19,354 |
| GBF: Maintenance Building Addition (2021 New) | 62,000 | 57,960 | 4,040 |
| Other General Obligation Debt | | | |
| 2008 Sewerage System Improvement Bond | 277,462 | 259,381 | 18,081 |
| Promissory Note to City of De Pere | 160,485 | 150,027 | 10,458 |
| Green Bay Facility Solids Management Plan - Design | 868,250 | 803,835 | 64,415 |
| Total Debt Service - Common to All (2) | \$15,601,551 | \$14,483,949 | \$1,117,603 |
| Debt Service Offsets | | | |
| Georgia-Pacific - Capital Payment | (429,694) | (429,694) | 0 |
| 4198-29 City of De Pere Rehabilitation Interceptor Ashwaubenon Creek Payment | (53,472) | (53,472) | 0 |
| Less Debt Payments Funded from ICR Reserve | (413,349) | (413,349) | 0 |
| City of Green Bay Interceptors Payment | (292,431) | (292,431) | 0 |
| Town of Lawrence Interceptors Payment ((9th Street Seg 5 Ext., Ashw. Creek 2,3,4,6,7 | (197,077) | (197,077) | 0 |
| New Franken Sanitary District Interceptors Payment | (21,621) | (21,621) | 0 |
| Royal Scott Sanitary District #1 Interceptor Payment | (8,902) | (8,902) | 0 |
| 4198-45 De Pere Eastside Interceptor Rehabilitation | (120,071) | (120,071) | 0 |
| Total Debt Service Offsets | (\$1,536,616) | (\$1,536,616) | \$0 |
| TOTAL DEBT SERVICE | \$15,712,307 | \$14,594,705 | \$1,117,603 |
| ANNUAL CAPITAL OUTLAY | | | |
| Regular | | | |
| 2020 Requests - Allocated to All | 1,531,000 | 1,435,388 | 95,612 |
| 2020 Requests - Allocated to Municipal Only | 240,000 | 240,000 | 0 |
| TOTAL ANNUAL CAPITAL OUTLAY | \$1,771,000 | \$1,675,388 | \$95,612 |
| TOTAL ANNUAL CAPITAL AND DEBT SERVICE | \$17,483,307 | \$16,270,092 | \$1,213,215 |
| REVENUES AND TRANSFERS | | | |
| Interest Income | (\$21,855) | (\$21,855) | \$0 |
| Miscellaneous Revenue - Capital *** | (\$134,233) | (\$125,486) | (\$8,747) |
| Total Non-Rate Revenues (Capital-Related) | (\$156,088) | (\$147,341) | (\$8,747) |
| Net Annual Capital and Debt Service | \$17,327,219 | \$16,122,751 | \$1,204,467 |

(1) Based on Revised Cost of Service Allocations from CDM Smith, Inc. June 2016 (Table 5). Debt Collection is for 2021 debt service payments.

(2) Total Debt Collected in 2020 Budget for 2021 Debt payments. Metropolitan Sewerage Districts are permitted to abate taxation by having sufficient funds available in its designated debt service fund to pay those debt obligations for the following year.

Metropolitan Sewerage Districts Subchapter I 200.13(2),(5) permits Sewerage Districts to levy a tax upon property for its performance of duties.

* Note: 2018 & 2019 Payments for Debt Service over collected for these projects due to timing on submitting loan. The 2008 Improvement Bond Re-Issued savings 03-2018.

*** Note: Miscellaneous Revenues are from Sampling & Lab Analysis from De Pere, Village of Ashwaubenon, Village of Hobart, Village of Suamico, Yacht Club, West Shore Pipeline, and ICR Leases.

NEW Water
Green Bay Metropolitan Sewerage District
2020 Adopted - December 4, 2019
Summary of Debt Service Schedule

| Issue | Description | Original Amount | 2020 Budget for 2021 Debt Payments | Loan Date | Last Payment |
|----------------------------------|---|----------------------|------------------------------------|------------|--------------|
| 4198-09 | Service Water System | 946,212 | 64,640 | 7/11/2001 | May 2021 |
| 4198-02 | Bar Screens Replacement | 1,490,715 | 100,614 | 7/11/2001 | May 2021 |
| 4198-18 | Scott Bayshore Interceptor | 695,592 | 45,717 | 2/27/2002 | May 2021 |
| 4345-04 | De Pere Facility | 3,881,879 | 257,532 | 12/31/2007 | May 2021 |
| 4198-27 | Solids Process Improvement | 5,347,693 | 352,427 | 12/8/2004 | May 2024 |
| 4198-21 | East Tower Drive Interceptor | 2,761,526 | 182,776 | 4/13/2005 | May 2024 |
| Dec. 2007 | Promissory Note to City of De Pere | 2,000,000 | 160,485 | 12/28/2007 | Dec 2027 |
| Sept. 2008 | 2008 General Obligation - Sewerage System Improvement Bond Re Issue 03/2018 | 6,505,000 | 752,950 | 3/15/2028 | May 2028 |
| 4198-25 | RAS/WAS Improvements | 10,460,782 | 662,801 | 3/19/2018 | May 2028 |
| 4198-35 | Combined Treatment Facilities Projects | 4,211,341 | 300,587 | 12/9/2009 | May 2029 |
| 4198-37 | Consolidation/Conveyance Project | 12,821,922 | 880,772 | 12/9/2009 | May 2029 |
| 4198-29 | Phase Two Interceptor Rehabilitation | 3,421,382 | 216,163 | 11/10/2010 | May 2030 |
| 4198-24 | Electrical Generator Project | 3,246,148 | 208,229 | 12/22/2010 | May 2030 |
| 4198-32 | GBF: Administration & Maintenance Building HVAC Replacement * | 3,133,312 | 206,374 | 4/10/2013 | May 2032 |
| July 2013 | Green Bay Facility Solids Management Plan - Design | 20,000,000 | 868,250 | 8/20/2013 | May 2038 |
| 4198-45 | De Pere Facility East Service Area Interceptor Rehabilitation | 3,146,593 | 186,778 | 12/12/2012 | May 2032 |
| 4198-48 | DPF: Disinfection System Upgrade * | 4,272,020 | 270,966 | 1/8/2014 | May 2033 |
| 4198-44 | Green Bay Facility Solids Management Plan Construction (R2E2) | 15,209,242 | 981,045 | 8/13/2014 | May 2034 |
| 4198-52 | GBF: Disinfection System Upgrade * | 1,850,000 | 112,991 | 12/23/2015 | May 2035 |
| 4198-53 | DPF Substation & Emergency Generator | 14,847,867 | 718,437 | 6/30/2019 | Jun 2039 |
| 4198-99 | Green Bay Facility Solids Management Plan Construction (R2E2)* | 130,000,000 | 8,502,224 | 10/14/2015 | May 2035 |
| Total Existing Debt | | \$250,249,225 | \$16,032,758 | | |
| (New) | GBF: Gravity Belt Thickener Replacement (2020 New) | 4,919,311 | 111,849 | 8/31/2021 | Aug 2041 |
| (New) | GBF & DPF: Clarifier Rehabilitation (2018 New)* | 42,000,000 | 204,867 | 3/31/2021 | Mar 2041 |
| (New) | Ninth Street Interceptor Rehabilitation (2019 New) * | 3,000,000 | 201,056 | 5/30/2020 | May 2040 |
| (New) | East River Interceptor Rehabilitation (2018 New)* | 3,106,000 | 265,793 | 8/31/2021 | Aug 2041 |
| (New) | Fox River Crossing Rehabilitation (2021 New) | 1,779,325 | 26,200 | 8/31/2021 | Aug 2041 |
| (New) | East Fox River Interceptor Rehabilitation (2021 New) | 3,035,320 | 47,400 | 5/30/2020 | May 2040 |
| (New) | DPF: Tertiary Filter Replacement (2019 New) * | 9,900,000 | 297,000 | 10/31/2020 | Oct 2040 |
| (New) | GBF: Maintenance Building Addition (2021 New) | 3,663,317 | 62,000 | 5/30/2021 | May 2041 |
| Total New Debt | | 76,045,273 | \$1,216,165 | | |
| Grand Total with New Debt | | \$326,294,498 | \$17,248,923 | | |

Note: * Over collected debt payment from prior years due to timing of project expenditure projection.

NEW Water
Green Bay Metropolitan Sewerage District
2020 Adopted - December 4, 2019
Annual Capital

| Item Description | Common to All - Municipal Only Amount | |
|---|---------------------------------------|---------------------|
| Business Services | | |
| <u>Information Technology</u> | | |
| GBF: Replace PLC Input/Output Hardware | Common to All | \$ 125,000 |
| Total Business Services | | \$ 125,000 |
| Operations | | |
| <u>Maintenance</u> | | |
| DPF: Replace outdated MCCs | Common to All | \$ 125,000 |
| Vehicle ID# 111 Replacement | Common to All | 40,000 |
| GPF: Air Compressor Replacement | Common to All | 400,000 |
| GPF: Power Roof Vent Replacement | Common to All | 275,000 |
| GBF: Transformer Replacement Project | Common to All | 125,000 |
| DPF: Pump Station HVAC Improvements | Common to All | 300,000 |
| GBF: Perimeter Fence Replacement | Common to All | 141,000 |
| Total Operations | | \$ 1,406,000 |
| Technical Services | | |
| <u>Engineering</u> | | |
| Meter Station #1 Flow Tube and Flow Meter Replacement | Municipal Only | \$ 90,000 |
| Annual Manhole Rehabilitation | Municipal Only | 50,000 |
| MS-05 Flow Tube Replacement | Municipal Only | 100,000 |
| Total Engineering | | \$ 240,000 |
| Total Technical Services | | \$ 240,000 |
| Total Annual Capital Items | | \$ 1,771,000 |

NEW Water
Green Bay Metropolitan Sewerage District
2020 Adopted - December 4, 2019
Allocation of Operation and Maintenance Costs

Expenses are first allocated to cost components (Flow, BOD, TSS, PHOS, TKN) and then allocated to Municipal and Mill customers based on projected annual wastewater flows and loadings.

| ITEM | Total | Common to All | | | | | Municipal Only | | Mill Only | | |
|--|---------------|---------------|--------------|--------------|------------|------------|----------------|------------|-----------|-----------|--|
| | | Flow | BOD | TSS | PHOS | TKN | Flow | Industry | Flow | Direct | |
| Salaries & Benefits | | | | | | | | | | | |
| Laboratory & Research & Environmental Services | | | | | | | | | | | |
| Operational Testing | \$ 646,821 | \$ 90,555 | \$ 77,619 | \$ 58,214 | \$ 38,809 | \$ 45,277 | \$ 135,832 | \$ 155,237 | \$ - | \$ 45,277 | |
| Water Quality Testing | 911,019 | 911,019 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Total Laboratory Services | \$ 1,557,840 | \$ 1,001,574 | \$ 77,619 | \$ 58,214 | \$ 38,809 | \$ 45,277 | \$ 135,832 | \$ 155,237 | \$ - | \$ 45,277 | |
| Treatment | | | | | | | | | | | |
| Pump Station | \$ 120,431 | \$ 120,431 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Primary Treatment | 161,813 | 161,813 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Grit Removal | 21,074 | 0 | 0 | 21,074 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Aeration | 232,135 | 0 | 116,067 | 0 | 0 | 116,067 | 0 | 0 | 0 | 0 | |
| Final & Chlorine Contact Basins | 206,911 | 206,911 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Filtration | 30,832 | 30,832 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Primary Thickeners | 80,385 | 482 | 7,235 | 72,186 | 482 | 0 | 0 | 0 | 0 | 0 | |
| Waste Activated Sludge Thickeners | 172,253 | 0 | 103,352 | 65,456 | 0 | 3,445 | 0 | 0 | 0 | 0 | |
| Dewatering - Belt Presses/Incineration | 447,858 | 1,171 | 169,152 | 271,310 | 1,171 | 5,053 | 0 | 0 | 0 | 0 | |
| Primary Sludge | 195,220 | 1,171 | 17,570 | 175,307 | 1,171 | 0 | 0 | 0 | 0 | 0 | |
| Secondary Sludge | 252,638 | 0 | 151,583 | 96,002 | 0 | 5,053 | 0 | 0 | 0 | 0 | |
| Incineration | 536,594 | 1,466 | 197,370 | 330,446 | 1,466 | 5,846 | 0 | 0 | 0 | 0 | |
| Primary Sludge | 244,286 | 1,466 | 21,986 | 219,369 | 1,466 | 0 | 0 | 0 | 0 | 0 | |
| Secondary Sludge | 292,308 | 0 | 175,385 | 111,077 | 0 | 5,846 | 0 | 0 | 0 | 0 | |
| Digestion | 248,462 | 679 | 91,389 | 153,008 | 679 | 2,707 | 0 | 0 | 0 | 0 | |
| Struvite Harvesting | 163,901 | 224 | 30,143 | 50,467 | 82,174 | 893 | 0 | 0 | 0 | 0 | |
| Power Generation | 208,791 | 570 | 76,798 | 128,578 | 570 | 2,275 | 0 | 0 | 0 | 0 | |
| Solids, General | 235,266 | 630 | 87,592 | 143,809 | 630 | 2,605 | 0 | 0 | 0 | 0 | |
| Total Treatment | \$ 2,866,706 | \$ 525,210 | \$ 879,099 | \$ 1,236,333 | \$ 87,173 | \$ 138,890 | \$ - | \$ - | \$ - | \$ - | |
| Maintenance/Engineering | | | | | | | | | | | |
| Maintenance | \$ 2,473,508 | \$ 776,078 | \$ 646,131 | \$ 479,405 | \$ 11,189 | \$ 401,411 | \$ 129,612 | \$ - | \$ 29,682 | \$ - | |
| Engineering | 958,209 | 300,644 | 250,304 | 185,716 | 4,335 | 155,502 | 50,210 | 0 | 11,499 | 0 | |
| Total All Above | \$ 7,856,263 | \$ 2,603,506 | \$ 1,853,153 | \$ 1,959,668 | \$ 141,506 | \$ 741,081 | \$ 315,654 | \$ 155,237 | \$ 41,181 | \$ 45,277 | |
| Business Services & Information Systems | \$ 2,319,532 | \$ 784,170 | \$ 558,165 | \$ 590,247 | \$ 42,621 | \$ 223,212 | \$ 95,074 | \$ - | \$ 10,453 | \$ 15,588 | |
| Total Salaries & Benefit Costs | \$ 10,175,794 | \$ 3,387,676 | \$ 2,411,318 | \$ 2,549,915 | \$ 184,127 | \$ 964,292 | \$ 410,729 | \$ 155,237 | \$ 51,634 | \$ 60,865 | |
| Power | | | | | | | | | | | |
| Metro Pump | \$ 228,858 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 228,858 | \$ - | \$ - | \$ - | |
| Mill Pump | 11,993 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,993 | 0 | |
| Secondary Effluent Pump | 12,901 | 12,901 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Process Air Compressors | 621,378 | 0 | 403,896 | 0 | 0 | 217,482 | 0 | 0 | 0 | 0 | |
| Solids Building | 148,186 | 414 | 53,739 | 92,035 | 414 | 1,584 | 0 | 0 | 0 | 0 | |
| Primary Sludge (40) | 68,966 | 414 | 6,207 | 61,931 | 414 | 0 | 0 | 0 | 0 | 0 | |
| Secondary Sludge (60) | 79,220 | 0 | 47,532 | 30,104 | 0 | 1,584 | 0 | 0 | 0 | 0 | |
| All Other Plant | 584,580 | 183,416 | 152,704 | 113,301 | 2,644 | 94,868 | 30,632 | 0 | 7,015 | 0 | |
| Total Power | \$ 1,607,896 | \$ 196,730 | \$ 610,339 | \$ 205,336 | \$ 3,058 | \$ 313,935 | \$ 259,490 | \$ - | \$ 19,008 | \$ - | |
| Fuel | | | | | | | | | | | |
| Fuel - Diesel for Generators | \$ 22,800 | \$ 22,800 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Building | 278,132 | 87,266 | 72,654 | 53,906 | 1,258 | 45,136 | 14,574 | 0 | 3,338 | 0 | |
| Incineration & Process | 401,975 | 1,122 | 145,775 | 249,658 | 1,122 | 4,298 | 0 | 0 | 0 | 0 | |
| Primary Sludge (40) | 187,079 | 1,122 | 16,837 | 167,997 | 1,122 | 0 | 0 | 0 | 0 | 0 | |
| Secondary Sludge (60) | 214,896 | 0 | 128,938 | 81,660 | 0 | 4,298 | 0 | 0 | 0 | 0 | |
| Total Fuel | \$ 702,907 | \$ 111,188 | \$ 218,428 | \$ 303,564 | \$ 2,381 | \$ 49,434 | \$ 14,574 | \$ - | \$ 3,338 | \$ - | |

NEW Water
Green Bay Metropolitan Sewerage District
2020 Adopted - December 4, 2019
Allocation of Operation and Maintenance Costs

Expenses are first allocated to cost components (Flow, BOD, TSS, PHOS, TKN) and then allocated to Municipal and Mill customers based on projected annual wastewater flows and loadings.

| ITEM | Total | Common to All | | | | | Municipal Only | | Mill Only | |
|--|--------------|---------------|--------------|--------------|-----------|-------------|----------------|------------|------------|------------|
| | | Flow | BOD | TSS | PHOS | TKN | Flow | Industry | Flow | Direct |
| Chemicals | | | | | | | | | | |
| Sodium Hypochlorite | \$ 114,100 | \$ 114,100 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Gravity Belt Polymer | 81,276 | 0 | 48,766 | 30,885 | 0 | 1,626 | 0 | 0 | 0 | 0 |
| Gravity Thickener Polymer | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belt Press Polymer | 387,396 | 1,082 | 140,488 | 240,603 | 1,082 | 4,142 | 0 | 0 | 0 | 0 |
| Primary Sludge (40) | 180,294 | 1,082 | 16,226 | 161,904 | 1,082 | 0 | 0 | 0 | 0 | 0 |
| Secondary Sludge (60) | 207,102 | 0 | 124,261 | 78,699 | 0 | 4,142 | 0 | 0 | 0 | 0 |
| Lime and Clay | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Primary Sludge (40) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Secondary Sludge (60) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sodium Bisulfite | 57,700 | 57,700 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ferric Chloride | 62,500 | 31,250 | 0 | 0 | 31,250 | 0 | 0 | 0 | 0 | 0 |
| Odor Control | 15,000 | 4,377 | 4,018 | 3,270 | 143 | 2,295 | 730 | 0 | 167 | 0 |
| Magnesium Chloride | 82,758 | 113 | 15,220 | 25,482 | 41,492 | 451 | 0 | 0 | 0 | 0 |
| Sodium Hydroxide – Air Pollution | 58,255 | 159 | 21,427 | 35,875 | 159 | 635 | 0 | 0 | 0 | 0 |
| Sodium Hydroxide – Nutrient Removal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Activated Carbon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aqua Ammonia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Chemicals | 139,006 | 139,006 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Chemicals | \$ 997,991 | \$ 347,787 | \$ 229,918 | \$ 336,115 | \$ 74,126 | \$ 9,148 | \$ 730 | \$ - | \$ 167 | \$ - |
| Maintenance & Repairs | | | | | | | | | | |
| Maintenance & Repairs | \$ 1,595,453 | \$ 500,583 | \$ 416,765 | \$ 309,224 | \$ 7,217 | \$ 258,916 | \$ 83,602 | \$ - | \$ 19,145 | \$ - |
| All Other Expenses | | | | | | | | | | |
| Solid Waste | \$ 254,828 | \$ 712 | \$ 92,412 | \$ 158,268 | \$ 712 | \$ 2,725 | \$ - | \$ - | \$ - | \$ - |
| Primary Sludge (40) | 118,597 | 712 | 10,674 | 106,500 | 712 | 0 | 0 | 0 | 0 | 0 |
| Secondary Sludge (60) | 136,231 | 0 | 81,739 | 51,768 | 0 | 2,725 | 0 | 0 | 0 | 0 |
| DNR Environmental Fees | 131,000 | 956 | 44,101 | 46,528 | 29,581 | 9,834 | 0 | 0 | 0 | 0 |
| Other Miscellaneous | 5,303,234 | 1,663,922 | 1,385,313 | 1,027,851 | 23,990 | 860,630 | 277,889 | 0 | 63,639 | 0 |
| Biogas Treatment | 19,500 | 53 | 7,173 | 12,009 | 53 | 212 | 0 | 0 | 0 | 0 |
| Total All Other | \$ 5,708,562 | \$ 1,665,643 | \$ 1,528,999 | \$ 1,244,655 | \$ 54,335 | \$ 873,401 | \$ 277,889 | \$ - | \$ 63,639 | \$ - |
| Total Treatment Plant O & M | \$20,788,603 | \$ 6,209,608 | \$5,415,768 | \$4,948,809 | \$325,244 | \$2,469,127 | \$ 1,047,014 | \$ 155,237 | \$ 156,931 | \$ 60,865 |
| Field Services O & M | | | | | | | | | | |
| Pretreatment | \$ 215,423 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 215,423 | \$ - | \$ - |
| Municipal Interceptors | 393,549 | 0 | 0 | 0 | 0 | 0 | 393,549 | 0 | 0 | 0 |
| Mill Interceptors | 2,544 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,544 | 0 |
| Fox River Fiber Force Main | 26,458 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26,458 |
| Municipal Metering Stations | 242,971 | 0 | 0 | 0 | 0 | 0 | 242,971 | 0 | 0 | 0 |
| Mill Metering Stations | 17,309 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,309 |
| Municipal Lift Stations | 392,261 | 0 | 0 | 0 | 0 | 0 | 392,261 | 0 | 0 | 0 |
| Subtotal | \$ 1,290,515 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 1,028,782 | \$ 215,423 | \$ 2,544 | \$ 43,767 |
| All Other (Field Services Salaries after distribution) | 548,537 | 0 | 0 | 0 | 0 | 0 | 437,286 | 91,566 | 1,081 | 18,603 |
| Total Interceptor System O & M | \$ 1,839,052 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 1,466,068 | \$ 306,989 | \$ 3,625 | \$ 62,370 |
| Total O & M Costs | \$22,627,655 | \$ 6,209,608 | \$5,415,768 | \$4,948,809 | \$325,244 | \$2,469,127 | \$ 2,513,082 | \$ 462,226 | \$ 160,556 | \$ 123,235 |

NEW Water
Green Bay Metropolitan Sewerage District
2020 Adopted - December 4, 2019
Interceptor System O & M

| Account Name | Maintenance | Field Services | Procter & Gamble Meter Station | Procter & Gamble Interceptor | Fox River Fiber Force Main | Total |
|--|-----------------|------------------|--------------------------------|------------------------------|----------------------------|------------------|
| Salaries - Procter & Gamble (P&G) Interceptor | \$ - | \$ 1,240 | | \$ 1,240 | | \$ 1,240 |
| Benefits - P&G Interceptor | - | 404 | | 404 | | 404 |
| Salaries - P&G Meter Station | 2,328 | 9,919 | 12,246 | | | 12,246 |
| Benefits - P&G Meter Station | 759 | 3,232 | 3,991 | | | 3,991 |
| Salaries - Fox River Fiber - Force Main | - | 9,919 | | | 9,919 | 9,919 |
| Benefits - Fox River Fiber - Force Main | - | 3,232 | | | 3,232 | 3,232 |
| Salaries - Fox River Fiber - Meter Station | - | 8,679 | | | 8,679 | 8,679 |
| Benefits - Fox River Fiber - Meter Station | - | 2,828 | | | 2,828 | 2,828 |
| Repair & Maintenance (R & M) - P&G Interceptor | | | - | 900 | | 900 |
| R & M - P&G Meter Station | | | 1,071 | | | 1,071 |
| Phones - P&G | | | - | | | - |
| Power - P&G | | | - | | | - |
| R & M - Force Main | | | | | 1,710 | 1,710 |
| R & M - Meter Station | | | | | 91 | 91 |
| Chemicals | | | | | - | - |
| Total | \$ 3,087 | \$ 39,452 | \$ 17,308 | \$ 2,544 | \$ 26,458 | \$ 46,311 |

| Account Name | Maintenance | Field Services | GBMSD Meter Stations | GBMSD Interceptors | Lift Station | Pretreatment |
|---|-------------|----------------|----------------------|--------------------|-------------------|-------------------|
| Salaries - Pretreatment | \$ - | \$ 148,060 | | | | \$ 148,060 |
| Salaries - GBMSD Interceptors | 3,016 | 92,491 | | 95,507 | | |
| Salaries - GBMSD Meter Stations | - | 96,706 | 96,706 | | | |
| Salaries - East Bayshore Lift Stations | 29,251 | 44,634 | | | 73,884 | |
| Salaries - East River Lift Station | 11,595 | 13,638 | | | 25,233 | |
| Salaries - Old Plank Lift Station | 3,020 | 7,687 | | | 10,707 | |
| Salaries - Interplant Force Main | - | 14,878 | | 14,878 | | |
| Salaries - Chemical Feed Building | - | 248 | 248 | | | |
| Benefits - Pretreatment | - | 48,253 | | | | 48,253 |
| Benefits - GBMSD Interceptors | 983 | 30,143 | | 31,126 | | |
| Benefits - GBMSD Meter Stations | - | 31,517 | 31,517 | | | |
| Benefits - East Bayshore Lift Stations | 9,533 | 14,546 | | | 24,079 | |
| Benefits - East River Lift Station | 3,779 | 4,445 | | | 8,224 | |
| Benefits - Old Plank Lift Station | 984 | 2,505 | | | 3,489 | |
| Benefits - Interplant Force Main | - | 4,849 | | 4,849 | | |
| Benefits - Chemical Feed Building | - | 81 | 81 | | | |
| Pretreatment Program | | | | | | 1,445 |
| R & M - East Bayshore System Lift Stations | | | | | 19,408 | |
| R & M - East Bayshore Force Main | | | | | - | |
| R & M - East River Lift Station | | | | | - | |
| R & M - GBMSD Interceptors - Field Services | | | | 60,515 | | |
| R & M - GBMSD Interceptors - Engineering | | | | (56,267) | | |
| R & M - Old Plank Lift Station | | | | | - | |
| R & M - Interplant Force Main | | | | 31,600 | | |
| R & M - GBMSD Meter Stations | | | 235,644 | | | |
| R & M - Chemical Feed Building | | | 4,500 | | | |
| Phones - Meter/Lift Stations | | | 58,450 | | | |
| Phones - Chemical Feed Building | | | 19,110 | | | |
| Power - Meter Stations | | | 33,000 | | | |
| Power - Chemical Feed Building | | | 1,360 | | | |
| Power - Old Plank Lift Station | | | | | 18,000 | |
| Power - East Bayshore Lift Stations | | | | | 35,800 | |
| Power - East River Lift Station | | | | | - | |
| Water - East River Lift Station | | | | | 25,500 | |
| Chemicals - Old Plank Lift Station | | | | | 1,500 | |
| Chemicals - De Pere Conveyance | | | | | - | |
| Chemicals - Chemical Feed Building | | | | | 1,880 | |
| Chemicals - Bayshore Interceptor | | | | | 91 | |
| Total | | | \$ 480,616 | \$ 182,208 | \$ 247,795 | \$ 197,758 |

NEW Water
Green Bay Metropolitan Sewerage District
2020 Adopted - December 4, 2019
Salaries and Benefits before Distribution

| Description | Commission | Business Services | Laboratory & Research | Treatment | Maintenance | Engineering | Information Technology | Field Services | Environmental Programs | Total |
|-----------------------|-----------------|---------------------|-----------------------|---------------------|---------------------|-------------------|------------------------|---------------------|------------------------|----------------------|
| Gross Salaries | \$ 2,500 | \$ 1,194,437 | \$ 614,126 | \$ 2,104,809 | \$ 1,852,536 | \$ 743,666 | \$ 578,289 | \$ 852,777 | \$ 587,240 | \$ 8,530,378 |
| Long Term Disability | - | 5,008 | 2,973 | 9,714 | 9,185 | 3,545 | 2,893 | 4,003 | 2,839 | 40,161 |
| Dental Insurance | - | 11,135 | 7,432 | 22,947 | 22,522 | 6,192 | 6,634 | 8,543 | 4,509 | 89,914 |
| Health Insurance | - | 180,216 | 106,773 | 307,340 | 310,437 | 80,227 | 73,443 | 123,438 | 30,232 | 1,212,106 |
| Life Insurance | - | 4,422 | 1,023 | 4,865 | 6,441 | 4,122 | 2,748 | 1,971 | 511 | 26,103 |
| Wisconsin Retirement | - | 77,812 | 40,026 | 138,522 | 124,631 | 50,478 | 40,079 | 57,516 | 37,702 | 566,766 |
| FICA & Medicare | 191 | 86,157 | 46,981 | 158,670 | 141,719 | 55,693 | 44,238 | 65,237 | 44,923 | 643,809 |
| Worker's Compensation | 5 | 4,769 | 18,485 | 63,355 | 55,761 | 14,286 | 1,330 | 25,669 | 8,764 | 192,424 |
| Uniforms | - | - | 3,300 | 12,492 | 15,524 | - | - | 3,515 | - | 34,831 |
| Employee Assistance | - | 3,226 | - | - | - | - | - | - | - | 3,226 |
| Wellness Program | - | - | - | 43,992 | - | - | - | - | - | 43,992 |
| Totals | \$ 2,696 | \$ 1,567,182 | \$ 841,119 | \$ 2,866,706 | \$ 2,538,756 | \$ 958,209 | \$ 749,654 | \$ 1,142,669 | \$ 716,720 | \$ 11,383,713 |

Green Bay Metropolitan Sewerage District
2020 Adopted - December 4, 2019
Salaries and Benefits after Distribution to Interceptors & Meter Stations

| Description | Commission | Business Services | Laboratory Services | Treatment | Maintenance | Engineering | Information Technology | Field Services | Environmental Programs | Total |
|-----------------------|-----------------|---------------------|---------------------|---------------------|---------------------|-------------------|------------------------|-------------------|------------------------|----------------------|
| Gross Salaries | \$ 2,500 | \$ 1,194,437 | \$ 614,126 | \$ 2,104,809 | \$ 1,803,327 | \$ 743,666 | \$ 578,289 | \$ 404,680 | \$ 587,240 | \$ 8,033,074 |
| Long Term Disability | - | 5,008 | 2,973 | 9,714 | 8,953 | 3,545 | 2,893 | 1,893 | 2,839 | 37,818 |
| Dental Insurance | - | 11,135 | 7,432 | 22,947 | 22,003 | 6,192 | 6,634 | 3,820 | 4,509 | 84,672 |
| Health Insurance | - | 180,216 | 106,773 | 307,340 | 303,445 | 80,227 | 73,443 | 59,767 | 30,232 | 1,141,443 |
| Life Insurance | - | 4,422 | 1,023 | 4,865 | 6,290 | 4,122 | 2,748 | 600 | 511 | 24,581 |
| Wisconsin Retirement | - | 77,812 | 40,026 | 138,522 | 121,361 | 50,478 | 40,079 | 12,095 | 37,702 | 518,077 |
| FICA & Medicare | 191 | 86,157 | 46,981 | 158,670 | 137,954 | 55,693 | 44,238 | 43,043 | 44,923 | 617,850 |
| Worker's Compensation | 5 | 4,769 | 18,485 | 63,355 | 54,651 | 14,286 | 1,330 | 19,125 | 8,764 | 184,769 |
| Uniforms | - | - | 3,300 | 12,492 | 15,524 | - | - | 3,515 | - | 34,831 |
| Employee Assistance | - | 3,226 | - | - | - | - | - | - | - | 3,226 |
| Wellness Program | - | - | - | 43,992 | - | - | - | - | - | 43,992 |
| Totals | \$ 2,696 | \$ 1,567,182 | \$ 841,119 | \$ 2,866,706 | \$ 2,473,509 | \$ 958,209 | \$ 749,654 | \$ 548,537 | \$ 716,720 | \$ 10,724,333 |

NEW Water
Green Bay Metropolitan Sewerage District
2020 Adopted - December 4, 2019
Employees Headcount Report

| DIVISIONS AND DEPARTMENTS | DEPARTMENT | 2019 BUDGET HEADCOUNT | 2020 BUDGET HEADCOUNT |
|--|------------|-----------------------|-----------------------|
| Business Services including Non-Departmental * | | 13 | 13 |
| Laboratory & Research | | 8 | 8 |
| Treatment including Health and Safety | | 24 | 26 |
| Maintenance | | 23 | 24 |
| Engineering | | 7 | 7 |
| Information Technology | | 6 | 6 |
| Field Services | | 9 | 10 |
| Watershed Management | | 5 | 5 |
| Regulatory Compliance | | 1 | 1 |
| Total Headcount without Commissioners ** | | 96 | 100 |
| Commissioners | | 5 | 5 |

Positions Changes

| Division | Department | | |
|------------------------|----------------------|---------------------------------------|-------------------------------|
| Technical Services | Field Services | | Add Field Services Technician |
| Operations | Maintenance | Delete Maintenance Mechanic | Add E & I Apprentice |
| Operations | Treatment | Delete Operations Project Coordinator | Add (2) Operator in Training |
| Environmental Programs | Watershed Management | Add Grant and Contract Specialist | |

Notes:

* Non-Departmental Division includes Executive Director & Human Resources

** Total Full-Time and Part-Time positions

Divisions and Departments classification for referencing

| <u>BUSINESS SERVICES</u> | <u>TECHNICAL SERVICES</u> | <u>OPERATIONS</u> | <u>ENVIRONMENTAL PROGRAMS</u> | <u>NON-DEPARTMENTAL</u> |
|------------------------------|---------------------------|-------------------|-------------------------------|---------------------------|
| Accounting | Engineering | Maintenance | Watershed Management | Commission |
| Public Affairs and Education | Field Services | Treatment | Regulatory Compliance | District Wide |
| Information Technology | | Health and Safety | Laboratory & Research | Executive Director and HR |
| Administrative Services | | | Sustainability | Procter & Gamble |
| | | | | Fox River Fiber |

Definition of Positions

Regular Full-time Employee – Individuals who work 40 hours per week for an extended period of time and have successfully completed a probationary period.

Regular Part-time Employee – Individuals who work less than 40 hours per week for an extended period of time.

NEW Water
Green Bay Metropolitan Sewerage District
2020 Adopted - December 4, 2019
OUT-OF-AREA TRAVEL - Outside EPA Region 5 (Wisconsin, Minnesota, Illinois, Ohio, Indiana, Michigan)

| Account | Title | Division | Event |
|---------|--|------------------------|--|
| 5020 | Director of Business Services | Business Services | Government Finance Officers Assoc (GFOA) Conference - BV (New Orleans 5/17/20-5/20/20) |
| 5020 | Public Affairs & Education Coordinator | Business Services | PR / Comms conference - TG |
| 5020 | System Administrator | Business Services | Microsoft Ignite Conf., Orlando, FL - MP |
| 5020 | System Administrator | Business Services | Microsoft Ignite Conf., Orlando, FL - MW |
| 5020 | System Administrator | Business Services | SANS SCADA Cybersecurity Trning, TBD - TBD |
| 5020 | Director Of Technical Services | Technical Services | WEFTEC- 2020 New Orleans, LA - NRQ |
| 5020 | Director Of Technical Services | Technical Services | NACWA Winter Conf, Atlanta, GA - NRQ |
| 5020 | Director Of Technical Services | Technical Services | NACWA Summer Conf, Seattle, WA - NRQ |
| 5020 | Engineer | Technical Services | WEF Residuals & Biosolids Conf.- TBD - WIA |
| 5020 | Engineer | Technical Services | WEFTEC- 2020 New Orleans, LA - SE1 |
| 5020 | Field Services Manager | Technical Services | WEF Collections System Conference - ST , TBD |
| 5020 | Pretreatment Coordinator | Technical Services | NACWA Pretreatment Seminar - SG, TBD |
| 5020 | Maintenance | Operations | CMMS Conference Maximo World Orlando |
| 5020 | Executive Director | Non-Departmental | NACWA Winter Conf, Atlanta, GA - TWS |
| 5020 | Executive Director | Non-Departmental | NACWA Summer Conf, Seattle, WA - TWS |
| 5020 | Executive Director | Non-Departmental | WEFTEC, New Orleans, LA - TWS |
| 5020 | Executive Director | Non-Departmental | Water Reuse Association Conference, Denver - TWS |
| 5079 | Executive Director | Non-Departmental | National Association of Clean Water Agencies (NACWA) Environmental Policy, Washington DC |
| 5079 | Executive Director | Non-Departmental | National Association of Clean Water Agencies (NACWA) Leadership meeting, Miami, FL |
| 5079 | Executive Director | Non-Departmental | EPA Meeting, Washington DC |
| 5020 | Commissioner | Non-Departmental | National Association of Clean Water Agencies (NACWA) Summer Conference, Seattle, WA |
| 5020 | Lab Analyst | Environmental Programs | Metrohm IC Training- Tampa -AC |

GREEN BAY METROPOLITAN SEWERAGE DISTRICT
2020 BUDGET: 5-YEAR CAPITAL INVESTMENT PLAN

| 2020 Budget - Adopted - December 4, 2019 | 2020 | 2021 | 2022 | 2023 | 2024 |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|
| MAJOR CAPITAL: WASTEWATER TREATMENT FACILITIES | | | | | |
| GBF: Blower System Efficiency Upgrade | - | - | 205,000 | 4,635,000 | - |
| GBF: R2E2 Solids Management Project | 2,700,000 | - | - | - | - |
| GBF: Metro & Mill Pumping and Plant Drain Systems Upgrades | - | 100,000 | 340,000 | 5,905,000 | 5,925,000 |
| GBF: Gravity Belt Thickener Replacement | 100,000 | 1,550,000 | 3,250,000 | - | - |
| GBF: Reclaimed Water System ** See Notes ** | 1,700,000 | - | - | - | - |
| GBF & DPF: Clarifier Rehabilitation | 600,000 | 5,700,000 | 8,500,000 | 10,500,000 | 10,500,000 |
| GBF: Primary Clarifier Odor Control | - | 330,000 | 5,875,000 | - | - |
| GBF & DPF: Headworks Upgrades | - | - | 340,000 | 3,850,000 | 5,750,000 |
| GBF: Maintenance Building Addition | 300,000 | 1,250,000 | 2,110,000 | - | - |
| Interplant Wastewater Force Main - Phase 2 | - | - | 36,000 | 848,000 | - |
| GBF: Phosphorus Upgrade (60 mgd Ballasted Flocculation) | - | - | - | - | 1,480,000 |
| DPF: Tertiary Filter Replacement | 500,000 | 9,400,000 | - | - | - |
| TOTAL WASTEWATER TREATMENT FACILITIES | 5,900,000 | 18,330,000 | 20,656,000 | 25,738,000 | 23,655,000 |
| MAJOR CAPITAL: INTERCEPTORS | | | | | |
| Dutchman Creek Interceptor Upgrade & Rehabilitation ** See Notes ** | 4,500,000 | - | - | - | - |
| Ninth Street Interceptor Rehabilitation ** See Notes ** | 2,966,000 | - | - | - | - |
| East River Interceptor Rehabilitation ** See Notes ** | 3,766,000 | - | - | - | - |
| West Fox River Interceptor Relay and Rehabilitation | - | - | 209,000 | 4,956,000 | - |
| Ninth Street Interceptor Extension - American Drive | - | 1,250,000 | - | - | - |
| Fox River Crossing Rehabilitation | 35,000 | 585,000 | 1,150,000 | - | - |
| East Fox River Interceptor Rehabilitation | 50,000 | 1,055,000 | 1,930,000 | - | - |
| Northeast Interceptor Rehabilitation | - | - | - | - | 2,000 |
| West Tower Drive Interceptor Rehabilitation | - | - | - | 70,000 | 1,647,000 |
| Lawrence Sewers Upsizing | - | - | - | - | 150,000 |
| East Bayshore System Relief & Replacement | - | - | - | 150,000 | 2,000,000 |
| East Tower Drive Interceptor Rehabilitation - Phase 1 | - | - | - | 60,000 | 1,422,000 |
| East River Lift Station - Upsizing & Rehabilitation | - | 77,000 | 1,823,000 | - | - |
| East Bayshore Lift Stations - Replacement | - | 35,000 | 520,000 | - | - |
| TOTAL INTERCEPTORS, METER STATIONS & LIFT STATIONS | 11,317,000 | 3,002,000 | 5,632,000 | 5,236,000 | 5,221,000 |
| DEPARTMENT ANNUAL CAPITAL INVESTMENTS | | | | | |
| MAINTENANCE SECTION | | | | | |
| DPF: Replace outdated MCCs | 125,000 | - | - | - | - |
| DPF: Replace diffuser socks in aeration system (10-year rotation) | - | 57,000 | - | - | - |
| GBF: Replace Air Handling Units | - | 959,000 | 230,000 | - | - |
| DPF: Replace roof - Sludge Control Tank Building | - | 79,000 | - | - | - |
| DPF: Replace roof - Administration Building | - | - | - | - | 53,000 |
| Vehicle ID# 107 Replacement (Field Services) | - | - | 63,000 | - | - |
| Vehicle ID# 111 Replacement (Field Services) | 40,000 | - | - | - | - |
| DPF: Actuated Slide Gates & Basin Drains | - | - | - | 200,000 | - |
| GBF: Air Compressor Replacement | 400,000 | - | - | - | - |
| GBF: Power Roof Vent Replacement | 275,000 | 275,000 | 275,000 | - | - |
| GBF: Tunnel Unit Heater Replacement | - | 50,000 | - | - | - |
| DPF: Tunnel Unit Heater Replacement | - | - | 50,000 | - | - |
| GBF: Transformer Replacement Project | 125,000 | - | - | - | - |

**GREEN BAY METROPOLITAN SEWERAGE DISTRICT
2020 BUDGET: 5-YEAR CAPITAL INVESTMENT PLAN**

| 2020 Budget - Adopted - December 4, 2019 | 2020 | 2021 | 2022 | 2023 | 2024 |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|
| GBF: SW Pump Replacement | - | - | 400,000 | - | - |
| GBF: Perimeter Fence Replacement | 141,000 | - | - | - | - |
| DPF: Pump Station HVAC Improvements | 300,000 | - | - | - | - |
| Maintenance Section subtotal | 1,406,000 | 1,420,000 | 1,018,000 | 200,000 | 53,000 |
| INFORMATION TECHNOLOGY SECTION | | | | | |
| GBF: Wireless Network Communication | - | - | - | - | 50,000 |
| GBF: Fiber Optic Network Enhancement/Upgrade | - | 80,000 | - | - | - |
| GBF: Building Network Cabling Enhance/Upgrade | - | 45,000 | - | - | - |
| GBF: County Wide Radio Communications | - | - | - | 50,000 | - |
| GBF: County Wide Radio Communications Phase II | - | - | - | 50,000 | - |
| GBF: Replace PLC Input/Output Hardware | 125,000 | 125,000 | 125,000 | - | - |
| GBF: Laboratory Information Management System | - | - | - | - | 450,000 |
| GBF & DPF: Telephone System | - | - | 150,000 | - | - |
| GBF & DPF: Disaster Recovery/Backup System | - | - | - | 75,000 | - |
| GBF: eDocs. Imaging/ Management/Collaboration | - | - | - | 90,000 | - |
| DPF: MCC DevicNet Upgrade | - | 240,000 | - | - | - |
| Information Technology Section subtotal | 125,000 | 490,000 | 275,000 | 265,000 | 500,000 |
| ENGINEERING SECTION | | | | | |
| Meter Station #1 Flow Tube and Flow Meter Replacement | 90,000 | - | - | - | - |
| Annual Manhole Rehabilitation | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 |
| Engineering Services Section subtotal | 140,000 | 50,000 | 50,000 | 50,000 | 50,000 |
| WATERSHED MANAGEMENT SECTION | | | | | |
| Watershed Management Section subtotal | - | - | - | - | - |
| FIELD SERVICES SECTION | | | | | |
| MS-05 Flow Tube Replacement | 100,000 | - | - | - | - |
| MS-14 Flow Tube Replacement | - | - | - | - | 100,000 |
| Lift Station alarm notification system | - | - | - | 200,000 | - |
| Field Services Section subtotal | 100,000 | - | - | 200,000 | 100,000 |
| LABORATORY & RESEARCH SECTION | | | | | |
| Laboratory Services Section subtotal | - | - | - | - | - |
| TOTAL ANNUAL CAPITAL INVESTMENTS | 1,771,000 | 1,960,000 | 1,343,000 | 715,000 | 703,000 |
| TOTAL CAPITAL INVESTMENTS | 18,988,000 | 23,292,000 | 27,631,000 | 31,689,000 | 29,579,000 |

Notes:

Major Capital - Treatment Facilities GBF Reclaimed Water System project: Funded via contributed capital from Brown County and/or Industrial Customer.

Major Capital - Interceptors Dutchman Creek Interceptor project: Funded via ICR reserve.

Major Capital - Interceptors: Ninth Street Interceptor Rehabilitation project: \$100,000 overcollected in 2015 for anticipated Annual Capital project.

Major Capital - Interceptors: East River Interceptor Rehabilitation project: \$715,000 collected in 2018 Budget for anticipated project.

This 5-year report projects costs going forward. It does not capture actual expenditures from previous years and the totals do not accurately reflect the total capital costs of projects that are in progress.