

**NEW Water**

**GREEN BAY METROPOLITAN SEWERAGE DISTRICT**

**2022 Preliminary Budget - August 2021**

**Revision: 1**

**Date: 8/25/2021**



NEW Water  
Green Bay Metropolitan Sewerage District  
2022 Preliminary Budget - August 2021  
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NEW Water  
Green Bay Metropolitan Sewerage District  
2022 Preliminary Budget - August 2021  
DATES AND EVENTS

July 28, 2021

First Discussion of 2021 Budget with Commission

**August 25, 2021**

**First Budget Workshop**

September 8, 2021

Budget Meeting with Customers

September 22, 2021

Second Budget Workshop and 2021 Tax Abatement Schedule

October 27, 2021

Third Budget Workshop (if needed)

December 8, 2021

2021 Budget Public Hearing and Adoption

December 9, 2021

2021 Adopted Budget Distributed to Customers

NEW Water  
Green Bay Metropolitan Sewerage District  
2022 Preliminary Budget - August 2021  
Municipal, Procter & Gamble, Green Bay Packaging, and Sustana Fiber Rate Comparisons

**Municipal Rate Comparison**

Parameter	COS Title	Units	2021 COS Rate (Sustana Adjusted)	2022 COS Rate (Sustana Adjusted)	2022 Budget Comparison with 2021 Adopted Budget
Volume ( 1,000 GALS )	Flow	kgals	\$0.69630	\$0.70649	\$0.0102
Biochemical Oxygen Demand ( LBS )	BOD	lbs	\$0.31750	\$0.31151	(\$0.0060)
Suspended Solids ( LBS )	TSS	lbs	\$0.28332	\$0.33739	\$0.0541
Phosphorus ( LBS )	PHOS	lbs	\$0.71995	\$1.92094	\$1.2010
Total Kjeldahl Nitrogen ( LBS )	TKN	lbs	\$0.84000	\$0.54789	(\$0.2921)

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

**Total Mills (P&G and GBP) Operation & Maintenance Rate Comparison**

Parameter	COS Title	Units	2021 COS Rate (Sustana Adjusted)	2022 COS Rate (Sustana Adjusted)	2022 Budget Comparison with 2021 Adopted Budget
Volume ( 1,000 GALS )	Flow	kgals	\$0.52942	\$0.46739	(\$0.0620)
Biochemical Oxygen Demand ( LBS )	BOD	lbs	\$0.24470	\$0.24206	(\$0.0026)
Suspended Solids ( LBS )	TSS	lbs	\$0.20904	\$0.24678	\$0.0377
Phosphorus ( LBS )	PHOS	lbs	\$0.55710	\$1.61748	\$1.0604
Total Kjeldahl Nitrogen ( LBS )	TKN	lbs	\$0.75739	\$0.48161	(\$0.2758)

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

**Sustana Fiber Operation & Maintenance Rate Comparison**

Parameter	COS Title	Units	2021 COS Rate (Sustana Adjusted)	2022 COS Rate (Sustana Adjusted)	2022 Budget Comparison with 2021 Adopted Budget
Volume ( 1,000 GALS )	Flow	kgals	\$0.53014	\$0.48748	(\$0.0427)
Biochemical Oxygen Demand ( LBS )	BOD	lbs	\$0.30621	\$0.30041	(\$0.0058)
Suspended Solids ( LBS )	TSS	lbs	\$0.27388	\$0.32654	\$0.0527
Phosphorus ( LBS )	PHOS	lbs	\$0.69436	\$1.84849	\$1.1541
Total Kjeldahl Nitrogen ( LBS )	TKN	lbs	\$0.80404	\$0.52563	(\$0.2784)

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

NEW Water  
Green Bay Metropolitan Sewerage District  
2022 Preliminary Budget - August 2021  
Summary of Revenues and Expenses

	2020 Budget	2020 Actual	2021 Budget	% of Overall Expenses	2022 Budget	% of Overall Expenses	2022 Budget Favorable/ (Unfavorable) Variance	% Variance
<b>Revenues</b>								
Municipal User Fees (3)	\$ 35,581,435	\$ 38,278,152	\$ 37,015,457	83.6%	\$ 39,168,617	86.4%	\$ 2,153,160	5.8%
P&G User Fees	1,510,146	1,378,532	1,368,614	3.1%	1,395,937	3.1%	27,323	2.0%
GBP User Fees	-	60,454	1,129,251	0.0%	725,458	1.6%	(403,793)	-35.8%
Mills Direct Allocation Charges (Year End)	117,200	123,393	187,262	0.4%	205,567	0.5%	18,305	9.8%
P&G Capital Charges	1,204,467	1,204,467	1,275,798	2.9%	1,323,024	2.9%	47,226	3.7%
GBP Capital Charges	-	384,447	853,947	0.0%	825,064	1.8%	(28,883)	-3.4%
General Reserve Interest	21,855	21,855	19,619	0.0%	19,619	0.0%	(0)	0.0%
Other Revenues	1,195,859	1,589,989	1,469,191	3.3%	1,425,518	3.1%	(43,673)	-3.0%
	<b>\$ 39,630,962</b>	<b>\$ 43,041,289</b>	<b>\$ 43,319,139</b>	<b>97.8%</b>	<b>\$ 45,088,805</b>	<b>99.5%</b>	<b>\$ 1,769,666</b>	<b>4.1%</b>
DEBT and ICR Reserve Transfers	1,536,616	1,536,616	1,440,869	3.3%	1,440,343	3.2%	(527)	0.0%
Contributions to and Transfers From Capital Reserve		(2,311,103)	(460,000)		(1,200,000)		(740,000)	160.9%
Using/(Building) Rate Reserves			(19,619)		(19,619)	0.0%	(0)	0.0%
General Fund Transfers	480,000	480,000	0	-	0	0.0%	-	0.0%
	<b>\$ 2,016,616</b>	<b>\$ (294,487)</b>	<b>\$ 961,250</b>	<b>2.2%</b>	<b>\$ 220,724</b>	<b>0.5%</b>	<b>\$ (740,527)</b>	<b>-77.0%</b>
<b>Total Revenues</b>	<b>\$ 41,647,577</b>	<b>\$ 42,746,802</b>	<b>\$ 44,280,388</b>	<b>100.0%</b>	<b>\$ 45,309,528</b>	<b>100.0%</b>	<b>\$ 1,029,140</b>	<b>2.3%</b>
<b>Expenses</b>								
Salaries & Benefits	\$ 11,383,710	\$ 11,764,583	\$ 11,841,659	26.7%	\$ 12,238,911	27.0%	\$ (397,252)	-3.4%
Power	1,607,896	2,006,817	1,764,594	4.0%	1,693,501	3.7%	71,093	4.0%
Contracted Services	3,863,924	3,253,768	3,627,408	8.2%	3,576,396	7.9%	51,012	1.4%
Maintenance & Repairs	1,634,541	2,121,706	2,153,598	4.9%	1,763,061	3.9%	390,537	18.1%
Chemicals	978,403	1,510,964	935,120	2.1%	1,310,389	2.9%	(375,269)	-40.1%
Natural Gas & Fuel Oil	702,907	693,829	418,044	0.9%	547,203	1.2%	(129,159)	-30.9%
Solid Waste Disposal	254,828	459,300	282,468	0.6%	333,651	0.7%	(51,183)	-18.1%
Interceptor System (1)	631,136	409,836	849,521	1.9%	1,013,894	2.2%	(164,373)	-19.3%
Office & Administrative	659,991	604,568	717,666	1.6%	730,615	1.6%	(12,949)	-1.8%
Insurance	290,490	314,697	346,936	0.8%	411,084	0.9%	(64,148)	-18.5%
Supplies	221,774	372,906	228,890	0.5%	231,682	0.5%	(2,792)	-1.2%
Employee Training & Development	178,562	73,573	159,079	0.4%	155,733	0.3%	3,346	2.1%
Travel and Meetings	88,493	6,580	56,998	0.1%	95,029	0.2%	(38,031)	-66.7%
DNR Environmental Fees	131,000	133,751	138,750	0.3%	146,184	0.3%	(7,434)	-5.4%
<b>Total O &amp; M Expenses</b>	<b>\$ 22,627,655</b>	<b>\$ 23,726,879</b>	<b>\$ 23,520,731</b>	<b>53.1%</b>	<b>\$ 24,247,332</b>	<b>53.5%</b>	<b>\$ (726,601)</b>	<b>-3.1%</b>
Debt Service (2)	\$ 17,248,923	\$ 17,248,923	\$ 17,649,657	39.9%	\$ 16,632,196	36.7%	\$ 1,017,461	5.8%
Annual Capital	\$ 1,771,000	\$ 1,771,000	\$ 3,110,000	7.0%	\$ 4,430,000	9.8%	\$ (1,320,000)	-42.4%
<b>Total Debt Service, Annual Capital &amp; Rate Stabilization</b>	<b>\$ 19,019,923</b>	<b>\$ 19,019,923</b>	<b>\$ 20,759,657</b>	<b>46.9%</b>	<b>\$ 21,062,196</b>	<b>46.5%</b>	<b>\$ (302,539)</b>	<b>-1.5%</b>
<b>Total Expenses</b>	<b>\$ 41,647,578</b>	<b>\$ 42,746,802</b>	<b>\$ 44,280,388</b>	<b>100.0%</b>	<b>\$ 45,309,528</b>	<b>100.0%</b>	<b>\$ (1,029,140)</b>	<b>-2.3%</b>

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 2022 reflects collection and payments for 2023 Debt Payments.
- (3) Municipal User Fees equal municipal customers plus Sustana Fiber.

NEW Water  
 Green Bay Metropolitan Sewerage District  
 2022 Preliminary Budget - August 2021  
 Flow and Load Projections - with Sustana Adjustment

	1,000 gal	1,000 gal	VOLUME		BOD		TSS		PHOS		TKN		Fixed Charge		
	I/I	Gallons	(1000 gallon)	Amount	Pounds	Amount	Pounds	Amount	Pounds	Amount	Pounds	Amount	Allocation	Amount	Total Amount
City of Green Bay	0	5,500,000	5,500,000	\$ 3,885,689	8,036,472	\$ 2,503,468	9,453,768	\$ 3,189,617	195,084	\$ 374,744	1,215,408	\$ 665,909	42.45%	\$ 6,142,107	\$ 16,761,534
City of De Pere	0	1,230,000	1,230,000	868,981	3,653,344	1,138,065	1,900,000	641,043	20,976	40,294	249,471	136,683	11.76%	1,701,844	4,526,909
Sustana Fiber	0	256,080	256,080	124,833	1,730,184	519,770	883,310	288,440	26,033	48,122	272,914	143,451	5.47%	791,000	1,915,616
Village of Allouez	0	750,000	750,000	529,867	905,000	281,920	1,050,000	354,261	23,000	44,182	159,000	87,114	4.94%	714,843	2,012,186
Village of Ashwaubenon	0	1,450,515	1,450,515	1,024,773	2,867,592	893,293	2,609,376	880,380	69,408	133,328	326,256	178,752	12.76%	1,845,813	4,956,340
Village of Bellevue	0	760,913	760,913	537,577	978,840	304,922	951,372	320,984	23,472	45,088	179,916	98,574	4.89%	707,371	2,014,516
Village of Hobart	0	281,558	281,558	198,918	454,284	141,515	481,176	162,344	10,308	19,801	84,276	46,174	2.27%	327,865	896,618
Village of Howard	0	830,000	830,000	586,386	916,025	285,354	1,862,102	628,257	22,577	43,369	275,928	151,178	6.95%	1,005,176	2,699,719
Village of Luxemburg	0	170,000	170,000	120,103	34,344	10,699	81,108	27,365	3,084	5,924	13,884	7,607	0.47%	68,010	239,708
Village of Pulaski	0	198,000	198,000	139,885	59,664	18,586	58,632	19,782	6,480	12,448	34,128	18,698	0.55%	78,967	288,366
Village of Suamico	0	221,035	221,035	156,159	627,108	195,352	540,504	182,361	13,944	26,786	75,864	41,565	2.61%	377,383	979,606
Town of Ledgeview Sanitary District #2	0	187,000	187,000	132,113	303,696	94,605	307,488	103,744	8,520	16,366	63,240	34,649	1.50%	217,566	599,043
Town of Lawrence - Utility District	0	146,214	146,214	103,299	319,044	99,386	542,748	183,118	7,320	14,061	57,540	31,526	1.97%	284,796	716,186
Pittsfield Sanitary District	0	14,541	14,541	10,273	19,333	6,022	24,878	8,394	459	882	3,672	2,012	0.11%	15,796	43,379
Scott Municipal Utility	0	130,000	130,000	91,844	165,551	51,571	250,201	84,416	4,299	8,258	32,539	17,828	1.03%	148,336	402,253
Dyckesville Sanitary District	0	33,947	33,947	23,983	54,840	17,083	70,568	23,809	1,302	2,501	10,416	5,707	0.30%	43,554	116,637
<b>Total Municipal</b>	<b>0</b>	<b>12,159,803</b>	<b>12,159,803</b>	<b>\$ 8,534,681</b>	<b>21,125,321</b>	<b>\$ 6,561,613</b>	<b>21,067,231</b>	<b>\$ 7,098,315</b>	<b>436,266</b>	<b>\$ 836,154</b>	<b>3,054,452</b>	<b>\$ 1,667,426</b>	<b>100%</b>	<b>\$ 14,470,428</b>	<b>\$ 39,168,617</b>
Hauled Waste (enter on HW COS tab)	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	-	\$ 0
Procter & Gamble	0	1,650,000	1,650,000	\$ 771,198	456,048	\$ 110,393	2,006,100	\$ 495,067	2,304	\$ 3,727	32,292	\$ 15,552	0.00%	\$ -	\$ 1,395,937
Green Bay Packaging	0	730,000	730,000	341,197	658,825	159,478	236,520	58,369	48,545	78,521	182,500	87,894	0.00%	-	725,458
<b>Total Mill</b>	<b>0</b>	<b>2,380,000</b>	<b>2,380,000</b>	<b>\$ 1,112,395</b>	<b>1,114,873</b>	<b>\$ 269,871</b>	<b>2,242,620</b>	<b>\$ 553,436</b>	<b>50,849</b>	<b>\$ 82,247</b>	<b>214,792</b>	<b>\$ 103,446</b>	<b>0%</b>	<b>\$ -</b>	<b>\$ 2,121,396</b>
<b>Grand Total</b>															
Units	0	14,539,803	14,539,803		22,240,194		23,309,851		487,115		3,269,244				
Costs				\$ 9,647,077		\$ 6,831,484		\$ 7,651,751		\$ 918,401		\$ 1,770,872	0%	\$ 14,470,428	\$ 41,290,013

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

NEW Water  
Green Bay Metropolitan Sewerage District  
2022 Preliminary Budget - August 2021  
User Fees by Source

	<b>2022 Budget</b>	<b>2021 Budget</b>	<b>2020 Budget</b>	<b>2019 Budget</b>	<b>2018 Actual</b>
City of Green Bay	\$16,761,534	\$15,377,399	\$14,834,559	\$14,476,493	\$14,057,433
City of De Pere	4,526,909	5,032,867	5,046,627	4,646,056	4,480,750
Sustana Fiber	1,915,616	1,677,536	1,676,129	1,450,323	1,829,527
Village of Allouez	2,012,186	1,879,662	1,770,198	1,741,047	1,653,805
Village of Ashwaubenon	4,956,340	4,687,553	4,491,526	4,044,325	3,817,487
Village of Bellevue	2,014,516	2,071,082	1,748,080	1,663,872	1,649,952
Village of Hobart	896,618	675,292	613,300	597,697	545,071
Village of Howard	2,699,719	2,425,607	2,489,777	2,459,531	1,819,469
Village of Luxemburg	239,708	222,042	208,196	264,432	239,987
Village of Pulaski	288,366	292,189	280,510	285,720	303,684
Village of Suamico	979,606	994,349	872,420	692,384	709,620
Town of Ledgeview Sanitary District #2	599,043	532,451	499,078	489,169	463,003
Town of Lawrence - Utility District	716,186	605,427	546,052	482,198	457,110
Pittsfield Sanitary District	43,379	42,161	39,274	38,331	32,991
Scott Municipal Utility	402,253	391,529	377,695	381,073	323,879
Dyckesville Sanitary District	116,637	108,310	88,015	87,024	75,008
<b>Total Municipal</b>	<b>\$39,168,617</b>	<b>\$37,015,457</b>	<b>\$35,581,435</b>	<b>\$33,799,675</b>	<b>\$32,782,655</b>
Green Bay Packaging	\$725,458	\$1,129,251	\$0	\$0	\$0
Procter & Gamble	1,395,937	1,368,614	1,510,146	1,492,757	1,425,552
<b>Total Mill</b>	<b>\$2,121,396</b>	<b>\$2,497,864</b>	<b>\$1,510,146</b>	<b>\$1,492,757</b>	<b>\$1,425,552</b>
<b>Total User Fees</b>	<b>\$41,290,013</b>	<b>\$39,513,322</b>	<b>\$37,091,581</b>	<b>\$35,292,432</b>	<b>\$34,208,207</b>

NEW Water  
Green Bay Metropolitan Sewerage District  
2022 Preliminary Budget - August 2021  
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>
Unit Value							N/A
Units		12,159,803	21,125,321	21,067,231	436,266	3,054,452	N/A
Cost of Service							
Municipal							
Operating Cost	\$ 20,433,698	\$ 7,950,772	\$ 5,110,512	\$ 5,196,869	\$ 705,512	\$ 1,470,033	\$ -
Pretreatment Cost Allocation	215,005	0	105,675	70,510	4,632	34,188	0
Capital Cost	18,519,914	583,909	1,345,426	1,830,936	126,010	163,205	14,470,428
<b>Total Cost</b>	<b>\$ 39,168,617</b>	<b>\$ 8,534,681</b>	<b>\$ 6,561,613</b>	<b>\$ 7,098,315</b>	<b>\$ 836,154</b>	<b>\$ 1,667,426</b>	<b>\$ 14,470,428</b>
Unit Operating Cost		\$0.65386	\$0.24692	\$0.25003	\$1.62778	\$0.49247	
Unit Capital Cost		\$0.04802	\$0.06369	\$0.08691	\$0.28884	\$0.05343	
Unit Combined Cost		\$0.70188	\$0.31060	\$0.33694	\$1.91661	\$0.54590	
Sustana Adjustment (1)		\$0.00461	\$0.00091	\$0.00045	\$0.00432	\$0.00199	
Adjusted Unit Combined Cost		\$0.70649	\$0.31151	\$0.33739	\$1.92094	\$0.54789	

Note (1): Assigns specific costs to Municipal Cost of Service from Sustana Fiber Cost of Service.

GBMSD MUNICIPAL BUDGET RATE HISTORY		VOLUME	BOD	SS	PHOS	TKN
2022		\$0.70649	\$0.31151	\$0.33739	\$1.92094	\$0.54789
2021		\$0.69630	\$0.31750	\$0.28332	\$0.71995	\$0.84000
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



NEW Water  
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2022 Preliminary Budget - August 2021  
Total Mills 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>	<u>Direct Charges</u>
Unit Value		1,000 gal	pounds	pounds	pounds	pounds	N/A	N/A
Units		2,380,000	1,114,873	2,242,620	50,849	214,792	N/A	N/A
Cost of Service								
Operating Cost	\$2,121,396	\$1,112,395	\$269,871	\$553,436	\$82,247	\$103,446	\$0	0
Capital Cost	2,148,088	0	0	0	0	0	2,148,088	0
Direct Charges	135,044	0	0	0	0	0	0	135,044
Credits	(245,571)	0	0	0	0	0	0	(245,571)
<b>Total Cost</b>	<b>\$4,158,956</b>	<b>\$1,112,395</b>	<b>\$269,871</b>	<b>\$553,436</b>	<b>\$82,247</b>	<b>\$103,446</b>	<b>\$2,148,088</b>	<b>(\$110,528)</b>
Unit Cost		\$0.46739	\$0.24206	\$0.24678	\$1.61748	\$0.48161		
Unit Capital Cost (1)		\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000		
<b>Unit Combined Cost</b>		<b>\$0.46739</b>	<b>\$0.24206</b>	<b>\$0.24678</b>	<b>\$1.61748</b>	<b>\$0.48161</b>		

<b>BUDGET RATE HISTORY</b>	<b>VOLUME</b>	<b>BOD</b>	<b>TSS</b>	<b>PHOS</b>	<b>TKN</b>
2022	\$0.46739	\$0.24206	\$0.24678	\$1.61748	\$0.48161
2021	\$0.52942	\$0.24470	\$0.20904	\$0.55710	\$0.75739

NEW Water  
Green Bay Metropolitan Sewerage District  
2022 Preliminary Budget - August 2021  
Procter & Gamble Cost of Service

	<u>Total</u>	<u>VOLUME</u>	<u>BOD</u>	<u>TSS</u>	<u>PHOS</u>	<u>TKN</u>	(1) <u>Capital Charge</u>	<u>Direct Charges</u>
Unit Value		1,000 gal	pounds	pounds	pounds	pounds	N/A	N/A
Units		1,650,000	456,048	2,006,100	2,304	32,292	N/A	N/A
Cost of Service								
Operating Cost	\$1,395,937	\$771,198	\$110,393	\$495,067	\$3,727	\$15,552	\$0	0
Capital Cost	1,323,024	0	0	0	0	0	1,323,024	0
Direct Charges	68,831	0	0	0	0	0	0	68,831
<b>Total Cost</b>	<b>\$2,787,793</b>	<b>\$771,198</b>	<b>\$110,393</b>	<b>\$495,067</b>	<b>\$3,727</b>	<b>\$15,552</b>	<b>\$1,323,024</b>	<b>\$68,831</b>

Note (1): Capital Charges invoiced annually

NEW Water  
 Green Bay Metropolitan Sewerage District  
 2022 Preliminary Budget - August 2021  
 Green Bay Packaging Cost of Service

(1)

	<u>Total</u>	<u>VOLUME</u>	<u>BOD</u>	<u>TSS</u>	<u>PHOS</u>	<u>TKN</u>	<u>Capital Charge</u>	<u>Direct Charges</u>
Unit Value		1,000 gal	pounds	pounds	pounds	pounds	N/A	N/A
Units		730,000	658,825	236,520	48,545	182,500	N/A	N/A
Cost of Service								
Operating Cost	\$725,458	\$341,197	\$159,478	\$58,369	\$78,521	\$87,894	\$0	0
Capital Cost	\$825,064	0	0	0	0	0	825,064	0
Direct Charges	\$66,213	0	0	0	0	0	0	66,213
Credits	(\$245,571)	0	0	0	0	0	0	(245,571)
<b>Total Cost</b>	<b>\$1,371,164</b>	<b>\$341,197</b>	<b>\$159,478</b>	<b>\$58,369</b>	<b>\$78,521</b>	<b>\$87,894</b>	<b>\$825,064</b>	<b>(\$179,359)</b>

Note (1): Capital Charges invoiced annually

NEW Water  
Green Bay Metropolitan Sewerage District  
2022 Preliminary Budget - August 2021  
Sustana Fiber 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 (1)</u> N/A	<u>Direct Charges</u>
Unit Value								
Units		256,080	1,730,184	883,310	26,033	272,914	-	-
Total Municipal Units (2)		12,159,803	21,125,321	21,067,231	436,266	3,054,452	-	-
<b>Cost of Service</b>								
Operating Cost	\$ 977,337	\$ 167,440	\$ 418,556	\$ 217,895	\$ 42,100	\$ 131,347	\$ -	\$ -
Pretreatment Cost Allocation	14,942	-	8,655	2,956	276	3,055	-	-
Capital Cost	<u>1,012,358</u>	<u>12,297</u>	<u>110,192</u>	<u>76,768</u>	<u>7,519</u>	<u>14,582</u>	<u>791,000</u>	<u>-</u>
Subtotal Cost of Service	\$ 2,004,637	\$ 179,737	\$ 537,402	\$ 297,619	\$ 49,895	\$ 148,984	\$ 791,000	\$ -
Direct Charges	70,523	-	-	-	-	-	-	70,523
Less Sustana Adjustment	<u>(89,021)</u>	<u>(54,903)</u>	<u>(17,632)</u>	<u>(9,179)</u>	<u>(1,773)</u>	<u>(5,533)</u>	<u>-</u>	<u>-</u>
<b>Total Cost</b>	<b>\$ 1,986,140</b>	<b>\$ 124,833</b>	<b>\$ 519,770</b>	<b>\$ 288,440</b>	<b>\$ 48,122</b>	<b>\$ 143,451</b>	<b>\$ 791,000</b>	<b>\$ 70,523</b>
Unit Cost		\$0.70188	\$0.31060	\$0.33694	\$1.91661	\$0.54590		
Sustana Adjustment		<u>(0.21440)</u>	<u>(0.01019)</u>	<u>(0.01039)</u>	<u>(0.06812)</u>	<u>(0.02027)</u>		
<b>Unit Cost (with Sustana Adjustment)</b>		<b>\$0.48748</b>	<b>\$0.30041</b>	<b>\$0.32654</b>	<b>\$1.84849</b>	<b>\$0.52563</b>		

<b>BUDGET RATE HISTORY</b>	<b>VOLUME</b>	<b>BOD</b>	<b>TSS</b>	<b>PHOS</b>	<b>TKN</b>
2022	\$0.48748	\$0.30041	\$0.32654	\$1.84849	\$0.52563
2021	\$0.53014	\$0.30621	\$0.27388	\$0.69436	\$0.80404
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

Note (1): The Fixed Charge for Sustana Fiber to be billed separately by the City of DePere.

Note (2): Removes specific costs from Sustana Fiber Cost of Service and assigns to Municipal Cost of Service.

NEW Water  
GREEN BAY METROPOLITAN SEWERAGE DISTRICT  
2022 Preliminary Budget - August 2021  
Allocation of Capital and Debt Service Costs

Debt Service	FY2022	Allocations (1)		
		Municipal	Green Bay Packaging	P&G
<b>Debt Service - Municipal Only</b>				
4198-29 Phase 2 Interceptor Rehabilitation	216,063	216,063	0	0
4198-45 De Pere Faculty East Service Area Interceptor Rehabilitation	186,682	186,682	0	0
4198-21 East Tower Drive Interceptor	182,681	182,681	0	0
East River Interceptor Rehabilitation	267,759	267,759	0	0
East River Lift Station - Upsizing & Rehabilitation	128,795	128,795	0	0
<b>Other General Obligation Debt</b>				
2008 General Obligation - Re-issued March 2018	480,098	480,098	0	0
<b>Total Debt Service - Municipal Only</b>	<b>\$1,462,077</b>	<b>\$1,462,077</b>	<b>\$0</b>	<b>\$0</b>
<b>Debt Service - Common to All</b>				
4198-24 Electrical Generation Facility	208,133	186,654	8,705	12,774
4198-25 RAS/WAS Improvements	662,410	594,050	27,703	40,656
4198-27 SOLIDS Process Improvement	352,244	315,893	14,732	21,619
4198-32 GBF: Administration & Maintenance Building HVAC Replacement	206,267	184,981	8,627	12,660
4198-35 Solids, ferric chloride, gate replacement, bar screens, M&C WAS	300,385	269,386	12,563	18,436
4198-37 Consolidation/conveyance/chemical feed building	880,181	789,348	36,811	54,022
4198-44 R2E2 Solids Management **	980,564	870,442	38,712	71,410
4198-52 Green Bay Disinfection Project	112,948	101,292	4,724	6,932
4198-99 Green Bay Facility Solids Management Plan/R2E2 - Construction -2015 Budget	8,500,894	7,546,203	335,610	619,082
4198-48 Replacement of DP UV Disinfection System Equipment	270,830	242,881	11,327	16,622
4198-53 DPF Substation & Emergency Generator (2019 Budget)	887,152	795,600	37,103	54,450
DPF: Tertiary Filter Replacement	645,271	578,680	26,987	39,604
<b>Other General Obligation Debt</b>				
2008 General Obligation - Re-issued March 2018	280,152	251,241	11,717	17,195
Dec. 2007 Promissory Note to City of De Pere	160,485	143,923	6,712	9,850
Green Bay Facility Solids Management Plan - Design	722,204	641,097	28,512	52,595
<b>Total Debt Service - Common to All</b>	<b>\$15,170,119</b>	<b>\$13,511,671</b>	<b>\$610,541</b>	<b>\$1,047,907</b>
<b>Debt Service Offsets</b>				
Mill Capital Charges (Georgia-Pacific)	(374,820)	(374,820)	0	0
4198-45 - De Pere Eastside Interceptor Rehabilitation	(120,071)	(120,071)	0	0
4198-29 - City of De Pere Rehabilitation Interceptor Ashwaubenon Creek Payment	(53,472)	(53,472)	0	0
City of Green Bay Interceptors Payment	(131,472)	(131,472)	0	0
Town of Lawrence Interceptors Payment (9th St Seg 5 Ext, Ash Creek 2,3,4,6,7 and Ash Interceptor 2,3,& 4)	(197,077)	(197,077)	0	0
New Franken Sanitary District Interceptor Payment	(21,480)	(21,480)	0	0
Royal Scott Sanitary District #1 Interceptor Payment	(8,902)	(8,902)	0	0
Balance of Debt Payments Funded from ICR Reserve	(533,049)	(533,049)	0	0
<b>Total Debt Service Offsets</b>	<b>(\$1,440,343)</b>	<b>(\$1,440,343)</b>	<b>\$0</b>	<b>\$0</b>
<b>TOTAL DEBT SERVICE</b>	<b>\$15,191,854</b>	<b>\$13,533,406</b>	<b>\$610,541</b>	<b>\$1,047,907</b>
<b>ANNUAL CAPITAL OUTLAY</b>				
<b>Regular</b>				
2021 Requests - Allocated to All	3,980,000	3,600,344	169,950	209,705
2021 Requests - Allocated to Municipal Only	450,000	450,000	0	0
<b>TOTAL ANNUAL CAPITAL OUTLAY</b>	<b>\$4,430,000</b>	<b>\$4,050,344</b>	<b>\$169,950</b>	<b>\$209,705</b>
<b>TOTAL ANNUAL CAPITAL, DEBT SERVICE, AND CAPITAL RESERVES</b>	<b>\$19,621,854</b>	<b>\$17,583,750</b>	<b>\$780,492</b>	<b>\$1,257,612</b>
<b>REVENUES AND TRANSFERS</b>				
Interest Revenue	(\$19,619)	(\$19,619)	\$0	\$0
Miscellaneous Revenue - Capital *	(\$134,233)	(\$120,380)	(\$5,614)	(\$8,239)
<b>Total Non-Rate Revenues (Capital-Related)</b>	<b>(\$153,852)</b>	<b>(\$139,999)</b>	<b>(\$5,614)</b>	<b>(\$8,239)</b>
<b>Contributions to and Transfers From Capital Reserve</b>	<b>1,200,000</b>	<b>1,076,163</b>	<b>50,186</b>	<b>73,651</b>
<b>Net Annual Capital, Debt Service, and Operating Fund Capital Reserve</b>	<b>\$20,668,002</b>	<b>\$18,519,914</b>	<b>\$825,064</b>	<b>\$1,323,024</b>

( 1 ) Based on Revised Cost of Service Allocations from CDM Smith, Inc. dated April 16, 2021. Debt Collection is for 2023 debt service payments.

( 2 ) Total Debt Collected in 2021 Budget for 2022 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: Miscellaneous Revenues are from Sampling & Lab Analysis from De Pere, Village of Ashwaubenon, Village of Hobart, Village of Suamico, Yacht Club, US Venture, and ICR Leases.

NEW Water  
Green Bay Metropolitan Sewerage District  
2022 Preliminary Budget - August 2021  
Summary of Debt Service Schedule

Issue	Description	Original Amount	2022 Budget for 2023 Debt Payments	Loan Date	Last Payment
4198-27	Solids Process Improvement	5,347,693	352,244	12/8/2004	May 2024
4198-21	East Tower Drive Interceptor	2,761,526	182,681	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	760,250	3/15/2028	May 2028
4198-25	RAS/WAS Improvements	10,460,782	662,410	3/19/2018	May 2028
4198-35	Combined Treatment Facilities Projects	4,211,341	300,385	12/9/2009	May 2029
4198-37	Consolidation/Conveyance Project	12,821,922	880,181	12/9/2009	May 2029
4198-29	Phase Two Interceptor Rehabilitation	3,421,382	216,063	11/10/2010	May 2030
4198-24	Electrical Generator Project	3,246,148	208,133	12/22/2010	May 2030
4198-32	GBF: Administration & Maintenance Building HVAC Replacement	3,133,312	206,267	4/10/2013	May 2032
July 2013	Green Bay Facility Solids Management Plan - Design	20,000,000	722,204	8/20/2013	May 2038
4198-45	De Pere Facility East Service Area Interceptor Rehabilitation	3,146,593	186,682	12/12/2012	May 2032
4198-48	DPF: Disinfection System Upgrade	4,272,020	270,830	1/8/2014	May 2033
4198-44	Green Bay Facility Solids Management Plan Construction (R2E2)	15,209,242	980,564	8/13/2014	May 2034
4198-52	GBF: Disinfection System Upgrade	1,850,000	112,948	12/23/2015	May 2035
4198-53	DPF Substation & Emergency Generator	14,630,180	887,152	6/30/2019	May 2039
4198-99	Green Bay Facility Solids Management Plan Construction (R2E2)*	138,880,269	8,500,894	10/14/2015	May 2035
<b>Total Existing Debt</b>		<b>\$251,897,410</b>	<b>\$15,590,371</b>		
<b>MAJOR CAPITAL: PLANT</b>					
(New)	DPF: Tertiary Filter Replacement	9,600,000	645,271	6/1/2021	May 2042
<b>MAJOR CAPITAL: INTERCEPTORS</b>					
(New)	East River Lift Station - Upsizing & Rehabilitation	1,900,000	128,795	1/1/2022	May 2043
(New)	East Fox River Interceptor Rehabilitation	3,106,000	267,759	6/1/2022	May 2043
<b>Total New Debt</b>		<b>14,606,000</b>	<b>\$1,041,825</b>		
<b>Grand Total with New Debt</b>		<b>\$266,503,410</b>	<b>\$16,632,196</b>		

Green Bay Metropolitan Sewerage District  
2022 Preliminary Budget - August 2021  
Annual Capital

Item Description	Common to All - Municipal Only	Amount
<b>Business Services</b>		
<u>Information Technology</u>		
GBF: Replace PLC Input/Output Hardware	Common to All	\$ 125,000
GBF & DPF: Telephone System	Common to All	200,000
<b>Total Business Services</b>		<b>\$ 325,000</b>
<b>Operations</b>		
<u>Maintenance</u>		
DPF: Replace diffuser socks in aeration system (10-year rotation)	Common to All	\$ 57,000
GBF: Replace Air Handling Units	Common to All	\$ 500,000
Vehicle ID# 107 Replacement (Field Services)	Common to All	63,000
GBF: Power Roof Vent Replacement	Common to All	275,000
GBF: Solids Building Access Platforms	Common to All	125,000
<b>Total Operations</b>		<b>\$ 1,020,000</b>
<b>Technical Services</b>		
<u>Engineering</u>		
Annual Manhole Rehabilitation	Municipal Only	\$ 50,000
TEF Line Replacement	Common to All	\$ 540,000
GBF: Service Water System Improvements	Common to All	\$ 900,000
GBF Admin Green Infrastructure Parking Lot	Common to All	\$ 150,000
Ferric Chloride Pumping System Replacement	Common to All	\$ 400,000
GBF: Solids Building Access Stairs	Common to All	\$ 125,000
DPF: Administration Building Improvements	Common to All	\$ 250,000
GBF: Sodium Bisulfite Storage Tank Improvements	Common to All	\$ 200,000
Ninth Street Interceptor Rehabilitation (A)	Municipal Only	\$ 400,000
<b>Total Engineering</b>		<b>\$ 3,015,000</b>
<u>Field Services</u>		
Septage Kiosk Improvements	Common to All	\$ 70,000
<b>Total Field Services</b>		<b>\$ 70,000</b>
<b>Total Technical Services</b>		<b>\$ 3,085,000</b>
<b>Total Annual Capital Items</b>		<b>\$ 4,430,000</b>

(A) Total Project = \$1M. Interceptor Cost Recovery Reserves of \$600k will be used to offset this project.

NEW Water  
Green Bay Metropolitan Sewerage District  
2022 Preliminary Budget - August 2021  
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	
<b>Salaries &amp; Benefits</b>											
<b>Laboratory &amp; Research &amp; Environmental Services</b>											
Operational Testing	\$ 728,030	\$ 101,924	\$ 87,364	\$ 65,522	\$ 43,682	\$ 50,962	\$ 152,886	\$ 174,727	\$ -	\$ 50,962	
Water Quality Testing	854,510	854,510	0	0	0	0	0	0	0	0	
<b>Total Laboratory Services</b>	<b>\$ 11,012,256</b>	<b>\$ 1,582,540</b>	<b>\$ 956,434</b>	<b>\$ 87,364</b>	<b>\$ 65,522</b>	<b>\$ 43,682</b>	<b>\$ 50,962</b>	<b>\$ 152,886</b>	<b>\$ 174,727</b>	<b>\$ -</b>	<b>\$ 50,962</b>
<b>Treatment</b>											
Pump Station	\$ 133,960	\$ 133,960	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Primary Treatment	179,990	179,990	0	0	0	0	0	0	0	0	
Grit Removal	23,441	0	0	23,441	0	0	0	0	0	0	
Aeration	258,211	0	129,106	0	0	129,106	0	0	0	0	
Final & Chlorine Contact Basins	230,154	230,154	0	0	0	0	0	0	0	0	
Filtration	34,296	34,296	0	0	0	0	0	0	0	0	
Primary Thickeners	89,415	536	8,047	80,294	536	0	0	0	0	0	
Waste Activated Sludge Thickeners	191,603	0	114,962	72,809	0	3,832	0	0	0	0	
Dewatering - Belt Presses/Incineration	498,167	1,674	156,649	333,786	1,674	4,385	0	0	0	0	
Primary Sludge	278,924	1,674	25,103	250,473	1,674	0	0	0	0	0	
Secondary Sludge	219,243	0	131,546	83,312	0	4,385	0	0	0	0	
Incineration	596,871	1,667	216,453	370,703	1,667	6,382	0	0	0	0	
Primary Sludge	277,784	1,667	25,001	249,450	1,667	0	0	0	0	0	
Secondary Sludge	319,087	0	191,452	121,253	0	6,382	0	0	0	0	
Digestion	276,372	772	100,225	171,649	772	2,955	0	0	0	0	
Struvite Harvesting	182,313	255	33,058	56,615	91,411	975	0	0	0	0	
Power Generation	232,246	649	84,223	144,242	649	2,483	0	0	0	0	
Solids, General	261,695	798	89,165	168,360	798	2,573	0	0	0	0	
Reclaimed Water	678	0	0	0	0	0	0	0	0	678	
<b>Total Treatment</b>	<b>\$ 3,189,411</b>	<b>\$ 584,750</b>	<b>\$ 931,887</b>	<b>\$ 1,421,900</b>	<b>\$ 97,506</b>	<b>\$ 152,690</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 678</b>	
<b>Maintenance/Engineering</b>											
Maintenance	\$ 2,644,393	\$ 772,563	\$ 679,863	\$ 652,418	\$ 126,240	\$ 236,393	\$ 154,044	\$ -	\$ 22,873	\$ -	
Engineering	1,062,130	310,303	273,069	262,046	50,705	94,948	61,872	0	9,187	0	
<b>Total All Above</b>	<b>\$ 8,478,474</b>	<b>\$ 2,624,050</b>	<b>\$ 1,972,183</b>	<b>\$ 2,401,886</b>	<b>\$ 318,132</b>	<b>\$ 534,993</b>	<b>\$ 368,802</b>	<b>\$ 174,727</b>	<b>\$ 32,060</b>	<b>\$ 51,640</b>	
<b>Business Services &amp; Information Systems</b>	<b>\$ 2,533,782</b>	<b>\$ 800,695</b>	<b>\$ 601,786</b>	<b>\$ 732,905</b>	<b>\$ 97,074</b>	<b>\$ 163,246</b>	<b>\$ 112,535</b>	<b>\$ -</b>	<b>\$ 9,799</b>	<b>\$ 15,741</b>	
<b>Total Salaries &amp; Benefit Costs</b>	<b>\$ 11,012,256</b>	<b>\$ 3,424,745</b>	<b>\$ 2,573,970</b>	<b>\$ 3,134,791</b>	<b>\$ 415,206</b>	<b>\$ 698,239</b>	<b>\$ 481,337</b>	<b>\$ 174,727</b>	<b>\$ 41,859</b>	<b>\$ 67,382</b>	
<b>Power</b>											
Metro Pump	\$ 242,830	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 242,830	\$ -	\$ -	\$ -	
Mill Pump	18,508	0	0	0	0	0	0	0	18,508	0	
Reclaimed Water	34,100	0	0	0	0	0	0	0	0	34,100	
Secondary Effluent Pump	14,790	14,790	0	0	0	0	0	0	0	0	
Process Air Compressors	638,286	0	414,886	0	0	223,400	0	0	0	0	
Solids Building	152,389	426	55,263	94,645	426	1,629	0	0	0	0	
Primary Sludge	70,922	426	6,383	63,688	426	0	0	0	0	0	
Secondary Sludge	81,467	0	48,880	30,957	0	1,629	0	0	0	0	
All Other Plant	592,599	173,129	152,355	146,205	28,290	52,975	34,521	0	5,126	0	
<b>Total Power</b>	<b>\$ 1,693,501</b>	<b>\$ 1,693,501</b>	<b>\$ 188,344</b>	<b>\$ 622,504</b>	<b>\$ 240,850</b>	<b>\$ 28,715</b>	<b>\$ 278,004</b>	<b>\$ 277,351</b>	<b>\$ -</b>	<b>\$ 23,633</b>	<b>\$ 34,100</b>
<b>Fuel</b>											
Fuel - Diesel for Generators	\$ 6,600	\$ 6,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Building	249,656	72,937	64,186	61,595	11,918	22,318	14,543	0	2,159	0	
Incineration & Process	290,947	812	105,511	180,701	812	3,111	0	0	0	0	
Primary Sludge	135,407	812	12,187	121,595	812	0	0	0	0	0	
Secondary Sludge	155,540	0	93,324	59,105	0	3,111	0	0	0	0	
<b>Total Fuel</b>	<b>\$ 547,203</b>	<b>\$ 547,203</b>	<b>\$ 80,350</b>	<b>\$ 169,696</b>	<b>\$ 242,295</b>	<b>\$ 12,731</b>	<b>\$ 25,429</b>	<b>\$ 14,543</b>	<b>\$ -</b>	<b>\$ 2,159</b>	<b>\$ -</b>



NEW Water  
Green Bay Metropolitan Sewerage District  
2022 Preliminary Budget - August 2021  
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	
<b>Chemicals</b>											
Sodium Hypochlorite	\$ 145,890	\$ 145,890	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Thickening Polymer	145,640	0	87,384	55,343	0	2,913	0	0	0	0	0
Gravity Thickener Polymer	0	0	0	0	0	0	0	0	0	0	0
Dewatering Polymer	582,559	1,627	211,263	361,814	1,627	6,229	0	0	0	0	0
Primary Sludge	271,123	1,627	24,401	243,468	1,627	0	0	0	0	0	0
Secondary Sludge	311,436	0	186,862	118,346	0	6,229	0	0	0	0	0
Lime and Clay	0	0	0	0	0	0	0	0	0	0	0
Primary Sludge	0	0	0	0	0	0	0	0	0	0	0
Secondary Sludge	0	0	0	0	0	0	0	0	0	0	0
Sodium Bisulfite	63,300	63,300	0	0	0	0	0	0	0	0	0
Ferric Chloride	62,500	31,250	0	0	31,250	0	0	0	0	0	0
Odor Control	5,100	1,371	1,352	1,379	253	432	273	0	41	0	0
Magnesium Chloride	0	0	0	0	0	0	0	0	0	0	0
Sodium Hydroxide – Air Pollution	33,000	92	11,967	20,496	92	353	0	0	0	0	0
Sodium Hydroxide – Nutrient Removal	0	0	0	0	0	0	0	0	0	0	0
Activated Carbon	150,000	419	54,397	93,162	419	1,604	0	0	0	0	0
Aqua Ammonia	0	0	0	0	0	0	0	0	0	0	0
Other Chemicals	141,988	141,988	0	0	0	0	0	0	0	0	0
<b>Total Chemicals</b>	<b>\$ 1,310,389</b>	<b>\$ 1,329,977</b>	<b>\$ 385,937</b>	<b>\$ 366,362</b>	<b>\$ 532,194</b>	<b>\$ 33,641</b>	<b>\$ 11,530</b>	<b>\$ 273</b>	<b>\$ -</b>	<b>\$ 41</b>	<b>\$ -</b>
<b>Maintenance &amp; Repairs</b>											
Maintenance & Repairs	\$ 1,517,490	\$ 1,497,902	\$ 437,474	\$ 384,981	\$ 369,440	\$ 71,485	\$ 133,861	\$ 87,229	\$ -	\$ 12,952	\$ 480
<b>All Other Expenses</b>											
Solid Waste	\$ 333,651	\$ 333,651	\$ 932	\$ 120,997	\$ 207,223	\$ 932	\$ 3,567	\$ -	\$ -	\$ -	\$ -
Primary Sludge	155,281	932	13,975	139,443	932	0	0	0	0	0	0
Secondary Sludge	178,370	0	107,022	67,781	0	3,567	0	0	0	0	0
DNR Environmental Fees	146,184	146,184	1,067	49,213	51,921	33,009	10,974	0	0	0	0
Other Miscellaneous	5,446,110	1,591,089	1,400,173	1,343,650	259,989	486,850	317,252	0	47,107	0	0
Biogas Treatment	-	0	0	0	0	0	0	0	0	0	0
<b>Total All Other</b>	<b>\$ 5,925,944</b>	<b>\$ 1,593,087</b>	<b>\$ 1,570,383</b>	<b>\$ 1,602,794</b>	<b>\$ 293,930</b>	<b>\$ 501,391</b>	<b>\$ 317,252</b>	<b>\$ -</b>	<b>\$ 47,107</b>	<b>\$ -</b>	
<b>Total Treatment Plant O &amp; M</b>	<b>\$ 22,006,783</b>	<b>\$ 6,109,937</b>	<b>\$ 5,687,896</b>	<b>\$ 6,122,364</b>	<b>\$ 855,708</b>	<b>\$ 1,648,453</b>	<b>\$ 1,177,986</b>	<b>\$ 174,727</b>	<b>\$ 127,751</b>	<b>\$ 101,962</b>	
<b>Field Services O &amp; M</b>											
Pretreatment	\$ 249,354	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 249,354	\$ -	\$ -	
Municipal Interceptors	\$ 679,629	0	0	0	0	0	679,629	0	0	0	
Mill Interceptors	\$ 2,276	0	0	0	0	0	0	0	476	1,800	
Sustana Fiber Force Main	\$ 45,176	0	0	0	0	0	0	0	0	45,176	
Municipal Metering Stations	\$ 283,420	0	0	0	0	0	283,420	0	0	0	
Mill Metering Stations	\$ 35,237	0	0	0	0	0	0	0	0	35,237	
Municipal Lift Stations	\$ 482,829	0	0	0	0	0	482,829	0	0	0	
<b>Subtotal</b>	<b>\$ 1,777,921</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,445,878</b>	<b>\$ 249,354</b>	<b>\$ 476</b>	<b>\$ 82,213</b>	
All Other (Field Services Salaries after distribution)	462,628	0	0	0	0	0	376,228	64,884	124	21,392	
<b>Total Interceptor System O &amp; M</b>	<b>\$ 2,240,549</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,822,106</b>	<b>\$ 314,238</b>	<b>\$ 599</b>	<b>\$ 103,605</b>	
<b>Total O &amp; M Costs</b>	<b>\$ 24,247,332</b>	<b>\$ 6,109,937</b>	<b>\$ 5,687,896</b>	<b>\$ 6,122,364</b>	<b>\$ 855,708</b>	<b>\$ 1,648,453</b>	<b>\$ 3,000,092</b>	<b>\$ 488,965</b>	<b>\$ 128,350</b>	<b>\$ 205,567</b>	
<b>Distribution to Participants</b>											
Municipal	\$ 21,841,503	\$ 5,109,810	\$ 5,402,769	\$ 5,533,337	\$ 766,382	\$ 1,540,148	\$ 3,000,092	\$ 488,965	\$ -	\$ -	
Sustana Fiber	70,523	0	0	0	0	0	0	0	0	70,523	
Green Bay Packaging	820,170	306,762	168,494	62,122	85,278	92,022	0	0	39,280	66,213	
Procter & Gamble	1,515,136	693,365	116,634	526,905	4,047	16,283	0	0	89,071	68,831	
<b>Total</b>	<b>\$ 24,247,332</b>	<b>\$ 6,109,937</b>	<b>\$ 5,687,896</b>	<b>\$ 6,122,364</b>	<b>\$ 855,708</b>	<b>\$ 1,648,453</b>	<b>\$ 3,000,092</b>	<b>\$ 488,965</b>	<b>\$ 128,350</b>	<b>\$ 205,567</b>	

NEW Water  
Green Bay Metropolitan Sewerage District  
2022 Preliminary Budget - August 2021  
Interceptor System O&M

Account Name	Maintenance	Field Services	P&G Meter Station	P&G Interceptor	GBP Meter Station	GBP Interceptor	Sustana Fiber Force Main	Total
Salaries - P&G Interceptor	-	180		180				180
Benefits - P&G Interceptor	-	58		58				58
Salaries - P&G Meter Station	2,328	9,960	12,288					12,288
Benefits - P&G Meter Station	748	3,200	3,948					3,948
Salaries - GBP Interceptor	-	180				180		180
Benefits - GBP Interceptor	-	58				58		58
Salaries - GBP Meter Station	2,328	9,960			12,288			12,288
Benefits - GBP Meter Station	748	3,200			3,948			3,948
Salaries - Sustana Fiber - Force Main	-	9,600					9,600	9,600
Benefits - Sustana Fiber - Force Main	-	3,084					3,084	3,084
Salaries - Sustana Fiber - Meter Station	-	23,040					23,040	23,040
Benefits - Sustana Fiber - Meter Station	-	7,402					7,402	7,402
Repair & Maintenance (R & M) - P&G Interceptor			-	900				900
R & M - P&G Meter Station			1,071					1,071
Phones - P&G			624					624
Power - P&G			-					-
Repair & Maintenance (R & M) - GBP Interceptor					-	900		900
R & M - GBP Meter Station					1,071			1,071
Phones - GBP					-			-
Power - GBP					-			-
R & M - Force Main							2,000	2,000
R & M - Meter Station							50	50
Chemicals							-	-
<b>Total</b>	\$ 6,152	\$ 69,921	\$ 17,931	\$ 1,138	\$ 17,307	\$ 1,138	\$ 45,176	\$ 82,689

Account Name	Maintenance	Field Services	GBMSD Meter Stations	GBMSD Interceptors	Lift Station	Pretreatment
Salaries - Pretreatment	\$ -	\$ 180,013				\$ 180,013
Salaries - GBMSD Interceptors	3,016	84,405		87,420		
Salaries - GBMSD Meter Stations	-	123,611	123,611			
Salaries - East Bayshore Lift Stations	29,251	46,129			75,380	
Salaries - East River Lift Station	11,595	16,979			28,573	
Salaries - Old Plank Lift Station	3,020	6,971			9,991	
Salaries - Interplant Force Main	-	14,179		14,179		
Salaries - Chemical Feed Building	-	1,513	1,513			
Benefits - Pretreatment	-	57,831				57,831
Benefits - GBMSD Interceptors	969	27,116		28,085		
Benefits - GBMSD Meter Stations	-	39,711	39,711			
Benefits - East Bayshore Lift Stations	9,397	14,819			24,217	
Benefits - East River Lift Station	3,725	5,455			9,179	
Benefits - Old Plank Lift Station	970	2,239			3,210	
Benefits - Interplant Force Main	-	4,555		4,555		
Benefits - Chemical Feed Building	-	486	486			
Pretreatment Program						11,510
R & M - East Bayshore System Lift Stations					53,649	
R & M - East Bayshore Force Main					-	
R & M - East River Lift Station					18,808	
R & M - GBMSD Interceptors - Field Services				35,715		
R & M - GBMSD Interceptors - Engineering				506,000		
R & M - Old Plank Lift Station					3,036	
R & M - Interplant Force Main				3,675		
R & M - GBMSD Meter Stations			37,959			
R & M - Chemical Feed Building			1,360			
Phones - Meter/Lift Stations			58,200			
Phones - Chemical Feed Building			-			
Power - Meter Stations			18,700			
Power - Chemical Feed Building			1,880			
Power - Old Plank Lift Station					1,445	
Power - East Bayshore Lift Stations					28,173	
Power - East River Lift Station					40,600	
Water - East River Lift Station					1,800	
Chemicals - Old Plank Lift Station					4,500	
Chemicals - De Pere Conveyance					-	
Chemicals - Chemical Feed Building					-	
Chemicals - Bayshore Interceptor					-	
<b>Total</b>			\$ 283,420	\$ 679,629	\$ 302,561	\$ 249,354

NEW Water  
Green Bay Metropolitan Sewerage District  
2022 Preliminary Budget - August 2021  
Salaries and Benefits before Distribution

Description	Commission	Business Services	Laboratory Services	Treatment	Maintenance	Engineering	Information Technology	Field Services	Environmental Programs	Total
Gross Salaries	\$4,200	\$1,296,991	\$701,052	2,392,421	2,004,138	\$825,933	\$598,795	\$865,191	\$523,817	\$9,212,536
Long Term Disability	-	5,357	3,503	10,633	9,795	3,840	3,106	4,036	2,482	42,753
Dental Insurance	-	13,010	7,731	22,426	20,910	6,810	7,297	8,440	1,798	88,422
Health Insurance	-	230,148	117,334	328,116	340,059	97,160	100,871	137,508	28,406	1,379,602
Life Insurance	-	5,876	1,551	6,250	7,025	4,280	3,712	2,402	627	31,722
Wisconsin Retirement	-	79,106	45,146	147,276	126,391	52,872	38,759	54,859	32,542	576,949
FICA & Medicare	321	92,690	53,365	178,264	152,177	61,431	46,008	65,158	40,020	689,434
Worker's Compensation	6	3,238	13,561	46,279	38,768	9,804	891	16,736	6,126	135,411
Uniforms	-	-	3,480	12,492	13,225	-	-	4,230	-	33,427
Employee Assistance	-	3,400	-	-	-	-	-	-	-	3,400
Wellness Program	-	-	-	44,576	-	-	-	-	-	44,576
<b>Totals</b>	<b>\$4,528</b>	<b>\$1,729,815</b>	<b>\$946,722</b>	<b>\$3,188,733</b>	<b>\$2,712,488</b>	<b>\$1,062,130</b>	<b>\$799,440</b>	<b>\$1,158,561</b>	<b>\$635,817</b>	<b>\$12,238,233</b>
<b>Number of FTEs:</b>	<b>5</b>	<b>13</b>	<b>9</b>	<b>26</b>	<b>24</b>	<b>8</b>	<b>6</b>	<b>10</b>	<b>6</b>	<b>102</b>

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	\$4,200	\$1,296,991	\$701,052	\$2,392,421	\$1,952,600	\$825,933	\$598,795	\$338,471	\$523,817	\$8,634,280
Long Term Disability	0	5,357	3,503	10,633	\$9,556	3,840	3,106	\$1,592	2,482	40,069
Dental Insurance	0	13,010	7,731	22,426	\$20,416	6,810	7,297	\$3,385	1,798	82,872
Health Insurance	0	230,148	117,334	328,116	\$332,341	97,160	100,871	\$58,631	28,406	1,293,006
Life Insurance	0	5,876	1,551	6,250	\$6,847	4,280	3,712	\$588	627	29,731
Wisconsin Retirement	0	79,106	45,146	147,276	\$123,164	52,872	38,759	\$15,190	32,542	534,054
FICA & Medicare	321	92,690	53,365	178,264	\$148,234	61,431	46,008	\$39,369	40,020	659,703
Worker's Compensation	6	3,238	13,561	46,279	\$38,011	9,804	891	\$1,171	6,126	119,088
Uniforms	0	0	3,480	12,492	13,225	0	0	4,230	0	33,427
Employee Assistance	0	3,400	0	0	0	0	0	0	0	3,400
Wellness Program	0	0	0	44,576	0	0	0	0	0	44,576
<b>Totals</b>	<b>\$4,528</b>	<b>\$1,729,815</b>	<b>\$946,722</b>	<b>\$3,188,733</b>	<b>\$2,644,393</b>	<b>\$1,062,130</b>	<b>\$799,440</b>	<b>\$462,628</b>	<b>\$635,817</b>	<b>\$11,474,205</b>
<b>Difference:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>(\$68,094)</b>	<b>\$0</b>	<b>\$0</b>	<b>(\$695,933)</b>	<b>\$0</b>	<b>\$12,238,233</b>

NEW Water  
 Green Bay Metropolitan Sewerage District  
 2022 Preliminary Budget - August 2021  
 Employee Headcount Report

DIVISIONS AND DEPARTMENTS	DEPARTMENT	2021 BUDGET HEADCOUNT	2022 BUDGET HEADCOUNT
Business Services including Non-Departmental *		13	13
Laboratory & Research		9	9
Treatment including Health and Safety		26	26
Maintenance		24	24
Engineering		7	8
Information Technology		6	6
Field Services		10	10
Watershed Management		5	5
Regulatory Compliance		1	1
Total Headcount without Commissioners **		<b>101</b>	<b>102</b>
Commissioners		5	5

**Positions Changes**

Division	Department		
Technical Services	Engineering		Add Engineering Services Manager (October)
Environmental Programs	Laboratory & Research	Add Lab Analyst I	

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
				Sustana 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  
2022 Preliminary Budget - August 2021  
OUT-OF-AREA TRAVEL - Outside EPA Region 5 (Wisconsin, Minnesota, Illinois, Ohio, Indiana, Michigan)

<b>Title</b>	<b>Division</b>	<b>Event</b>	<b>Location</b>	<b>Initials</b>
Accounting Manager	Business Services	Government Finance Officers Assoc. Conference	Austin, TX	BWT
Public Affairs & Education Manager	Business Services	PIO Conference FEMA	TBD	TBD
IT Systems and Cyber Security Engineer	Business Services	Microsoft Ignite Conference	TBD	MP
IT Systems Analyst	Business Services	Maximo, Tyler Munis Conference	TBD	MW
Information Technology	Business Services	SANS Cybersecurity Training	TBD	TBD
Director Of Technical Services	Technical Services	WEFTEC- 2022	New Orleans, LA	NRQ
Director Of Technical Services	Technical Services	NACWA Winter Conference	TBD	NRQ
Director Of Technical Services	Technical Services	NACWA Summer Conference	Seattle, WA	NRQ
Engineering Project Manager	Technical Services	WEF Residuals & Biosolids Conference	TBD	TBD
Engineering Project Manager	Technical Services	Thermal Oxidation Conference	TBD	WIA
Engineer	Technical Services	WEFTEC- 2022	New Orleans, LA	SE1
Field Services Manager	Technical Services	WEF Collections System Conference	TBD	ST
Pretreatment Coordinator	Technical Services	NACWA Pretreatment Seminar	TBD	SG
Field Services	Technical Services	WEFTEC- 2022	New Orleans, LA	TBD
Treatment Leader	Operations	WEFTEC- 2022	New Orleans, LA	AE
Commissioner	Non-Departmental	NACWA Winter Conference	Phoenix	TBD
Commissioner	Non-Departmental	NACWA Summer Conference	Seattle	TBD
Executive Director	Non-Departmental	NACWA Winter Conference	Phoenix	TWS
Executive Director	Non-Departmental	NACWA Summer Conference	Seattle	TWS
Executive Director	Non-Departmental	WEFTEC- 2022	New	TWS
Executive Director	Non-Departmental	Water Reuse Association	Denver, CO	TWS
Executive Director	Non-Departmental	NACWA Environ Policy	WDC	TWS
Executive Director	Non-Departmental	EPA Meeting	WDC	TWS
Lab Analyst II	Environmental Programs	Metrohm IC Training	TX/FLA	CS

**GREEN BAY METROPOLITAN SEWERAGE DISTRICT  
2022 BUDGET: 5-YEAR CAPITAL INVESTMENT PLAN**

<b>2022 Budget - July 22, 2021 - rev3</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>
<b>MAJOR CAPITAL: WASTEWATER TREATMENT FACILITIES</b>					
DPF: Tertiary Filter Replacement	6,300,000	-	-	-	-
DPF: Metro Pumping & Headworks Improvements	500,000	11,500,000	11,000,000	-	-
GBF: Thickening Improvements	1,166,000	14,827,000	-	-	-
GBF: Metro Pumping & Headworks Improvements	500,000	4,500,000	19,500,000	5,500,000	-
GBF: North Complex Final Clarifiers Rehabilitation	-	250,000	750,000	10,750,000	8,250,000
GBF: Mill Pumping Improvements	-	-	-	200,000	650,000
GBF: Primary Clarifiers Rehabilitation	-	650,000	2,350,000	12,900,000	2,100,000
DPF: Final Clarifiers & RAS Improvements	-	-	-	-	100,000
GBF: Primary Sludge Degritting Improvements	-	-	-	350,000	7,400,000
GBF: Aeration Blower Improvements	-	-	-	250,000	500,000
DPF: Aeration Basin Improvements	-	-	-	-	250,000
GBF: Biosolids Handling and Storage Improvements	-	150,000	650,000	1,050,000	10,800,000
DPF: Compressor Upgrades	-	-	-	-	200,000
Interplant Wastewater Force Main - Phase 2	-	50,000	1,075,000	-	-
<b>TOTAL WASTEWATER TREATMENT FACILITIES</b>	<b>8,466,000</b>	<b>31,927,000</b>	<b>35,325,000</b>	<b>31,000,000</b>	<b>30,250,000</b>
<b>MAJOR CAPITAL: INTERCEPTORS</b>					
Ninth Street Interceptor Improvements	-	-	-	-	100,000
Ninth Street Interceptor Rehabilitation ** See Notes **	1,000,000	-	-	-	-
East River Interceptor Rehabilitation ** See Notes **	3,950,000	-	-	-	-
West Fox River Interceptor Relay and Rehabilitation	-	209,000	4,956,000	-	-
Ninth Street Interceptor Extension - American Drive	1,300,000	-	-	-	-
Fox River Crossing Rehabilitation	70,000	1,700,000	-	-	-
East Fox River Interceptor Rehabilitation	125,000	2,910,000	-	-	-
NEI & SEI Rehabilitation	-	-	2,000	42,000	1,031,000
East Bayshore System Relief & Replacement	-	-	150,000	2,000,000	150,000
East Tower Drive Interceptor Rehabilitation - Phase 1	-	-	-	60,000	1,422,000
East Tower Drive Interceptor Rehabilitation - Phase 2	-	-	-	-	343,000
East River Lift Station - Upsizing & Rehabilitation	617,000	1,283,000	-	-	-
East Bayshore Lift Stations - Replacement	520,000	-	-	-	-
<b>TOTAL INTERCEPTORS, METER STATIONS, &amp; LIFT STATIONS</b>	<b>7,582,000</b>	<b>6,102,000</b>	<b>5,108,000</b>	<b>2,102,000</b>	<b>3,046,000</b>
<b>DEPARTMENT ANNUAL CAPITAL INVESTMENTS</b>					
<b>MAINTENANCE SECTION</b>					
GBF: Replace UPS-A1 systems (3 units)	-	-	-	35,000	-
DPF: Replace diffuser socks in aeration system (10-year rotation)	57,000	-	-	-	-
GBF: Replace Air Handling Units	500,000	450,000	-	-	-
DPF: Replace roof - Sludge Control Tank Building	-	-	79,000	-	-
DPF: Replace roof - Administration Building	-	-	53,000	-	-
Vehicle ID# 101 Replacement (Utilities)	-	-	-	45,000	-
Vehicle ID# 107 Replacement (Field Services)	63,000	-	-	-	-
Vehicle ID# 109 Replacement (E&I)	-	-	-	-	40,000
DPF: Actuated Slide Gates & Basin Drains	-	200,000	-	-	-
GBF: Power Roof Vent Replacement	275,000	-	-	-	-
GBF: Solids Building Access Platforms	125,000	-	-	-	-
<b>Maintenance Section subtotal</b>	<b>1,020,000</b>	<b>650,000</b>	<b>132,000</b>	<b>80,000</b>	<b>40,000</b>
<b>INFORMATION TECHNOLOGY SECTION</b>					
GBF: Wireless Network Communication	-	-	50,000	-	-
DPF: Fiber Optic Network Enhancement/Upgrade	-	-	-	-	60,000
GBF: County Wide Radio Communications	-	50,000	-	-	-
GBF: County Wide Radio Communications Phase II	-	50,000	-	-	-
GBF: Replace PLC Input/Output Hardware	125,000	-	-	-	-
GBF & DPF: SCADA HMI Software Replacement	-	-	-	225,000	-
GBF & DPF: SCADA Historian Software Replacement	-	-	-	100,000	-
GBF: Laboratory Information Management System	-	350,000	-	-	-
GBF & DPF: Telephone System	200,000	-	-	-	-
GBF: Campus Paging System	-	-	-	-	-
GBF & DPF: Disaster Recovery/Backup System	-	75,000	-	-	-
GBF: eDocs. Imaging/ Management/Collaboration	-	90,000	-	-	-
DPF: MCC DevicNet Upgrade	-	-	-	-	-
<b>Information Technology Section subtotal</b>	<b>325,000</b>	<b>615,000</b>	<b>50,000</b>	<b>325,000</b>	<b>60,000</b>

**GREEN BAY METROPOLITAN SEWERAGE DISTRICT  
2022 BUDGET: 5-YEAR CAPITAL INVESTMENT PLAN**

<b>2022 Budget - July 22, 2021 - rev3</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>
<b>ENGINEERING SECTION</b>					
Annual Manhole Rehabilitation	50,000	50,000	50,000	50,000	50,000
TEF Line Replacement	540,000	-	-	-	-
GBF: Service Water System Improvements	900,000	-	-	-	-
GBF Admin Green Infrastructure Parking Lot	150,000	-	-	-	-
Ferric Chloride Pumping System Replacement	400,000	-	-	-	-
GBF: Solids Building Access Stairs	125,000	-	-	-	-
DPF: Administration Building Improvements	250,000	-	-	-	-
GBF: Sodium Bisulfite Storage Tank Improvements	200,000	-	-	-	-
<b>Engineering Services Section subtotal</b>	<b>2,615,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>
<b>FIELD SERVICES SECTION</b>					
MS-01 Flow Tube Replacement	-	-	-	-	100,000
MS-02 Flow Tube Replacement	-	-	-	-	100,000
MS-13 Flow Tube Replacement	-	-	-	100,000	-
MS-14 Flow Tube Replacement	-	-	100,000	-	-
Lift Station alarm notification system	-	200,000	-	-	-
Billing Program Design & Implementation	-	-	-	165,000	-
Septage Kiosk Improvements	70,000	-	-	-	-
<b>Field Services Section subtotal</b>	<b>70,000</b>	<b>200,000</b>	<b>100,000</b>	<b>265,000</b>	<b>200,000</b>
<b>LABORATORY &amp; RESEARCH SECTION</b>					
Lachat Auto Analyzer 1 (TP, TKN)	-	-	-	55,000	-
Lachat Auto Analyzer 2 (NH3, OP, NO3)	-	-	-	-	55,000
<b>Laboratory Services Section subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>55,000</b>	<b>55,000</b>
<b>ANNUAL CAPITAL RENEWAL &amp; REPLACEMENT</b>					
Wastewater Treatment Facility Renewal & Replacement (See Tab R&R 6-20)	-	1,000,000	2,200,000	1,775,000	2,100,000
Interceptor Renewal & Replacement (See Tab R&R 6-20)	-	-	-	-	-
<b>TOTAL ANNUAL CAPITAL INVESTMENTS</b>	<b>4,030,000</b>	<b>2,515,000</b>	<b>2,532,000</b>	<b>2,550,000</b>	<b>2,505,000</b>
<b>TOTAL CAPITAL INVESTMENTS</b>	<b>20,078,000</b>	<b>40,544,000</b>	<b>42,965,000</b>	<b>35,652,000</b>	<b>35,801,000</b>

## Notes:

Major Capital - Interceptors: Ninth Street Interceptor Rehabilitation project: Interceptor Cost Recovery Reserves of \$600k will be used to offset this 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.**

# Green Bay Metropolitan Sewerage District

## 2022 Budget

### Summary of Revenues and Expenses Legends

#### Revenues:

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Municipal User Fees:	Volume, Biochemical Oxygen Demand, Suspended Solids, Phosphorus, and Kjeldahl Nitrogen for municipal customers and Sustana Fiber
P&G User Fees:	Procter & Gamble Volume, Biochemical Oxygen Demand, Suspended Solids, Phosphorus, and Kjeldahl Nitrogen parameter revenue
GBP User Fees:	Green Bay Packaging Volume, Biochemical Oxygen Demand, Suspended Solids, Phosphorus, and Kjeldahl Nitrogen parameter revenue
Mill Direct Charges:	Daily Sample Pickup and Laboratory Testing, Inspection, Monitoring, Dewatering, O&M, and Diggers Hotline
P&G Capital Charges:	Procter & Gamble Capital and Debt Service Charges
GBP Capital Charges:	Green Bay Packaging Capital and Debt Service Charges
General Reserve Interest:	Interest Income from General Fund Accounts (unrestrictive funds) other than Investment Accounts
Other Revenues:	Interest Income Offsets, Hauled Waste, Sampling, Laboratory Analysis, Property Leases, and Interceptor Cost Recovery Temporary Leases
Debt and ICR Reserve Transfers:	GBMSD has agreements with various municipal customers in which the municipalities have agreed to reimburse GBMSD for the cost of interceptors owned by GBMSD whose capacity has been allocated to the municipalities. This transfer is to offset the debt payment of these interceptors
Equipment Replacement Fund Reserve Transfers (ERF):	Designated capital expenses allocated to be funded by this reserve
Using/Building Reserves	Funds to and/or from the Plant Capital Replacement Reserve for wastewater treatment facility capital projects



**Green Bay Metropolitan Sewerage District  
2022 Budget**

**Summary of Revenues and Expenses Legends**

General Fund Transfers: Designated expenses allocated to be paid by this fund

**Expenses:**

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Salaries & Benefits: Salaries, PTO/Vacation Payout, Health Benefits Opt-Out, Health, Dental, & Life Insurances, Wisconsin Retirement, Social Security, Workers Compensation, Uniforms, Employee Referral Services, Long Term Disability and Wellness Program

Power: All Power for the facilities

Contracted Services: Contractor and Consultant contracted work, Legal and Audit Services, Studies, Occupational Health, Custodial and Lawn Services, Fire Protection and Detection, Environmental Programs, Receiving Waters Planning and Monitoring, Occupational Health, Recruitment, Hazardous Waste Disposal, Class and Compensation, Household Hazardous Waste Station, Continuous Improvement/Lean, In District Sustainability, Risk Based Asset Management, Watershed Based Planning, Reg/Muni Environment Service, and Contingency

Maintenance & Repairs: Repair and Maintenance Building and Equipment, Small Tools, Fuel for GBMSD Vehicles and Boats, Freight In and Out, Water, Biogas Generator Oil, TMDL and Reclaimed Water Credits, Equipment Leases and Rentals

Chemicals: Sodium Hypochlorite and Bisulfite, Polymer, Ferric Chloride, Lime, Sodium Hydroxide. Thermal Oil Make-Up and Laboratory Chemicals for the facilities

Natural Gas & Fuel Oil: Diesel for Generators, Fuel for Equipment, Processes and Heating, Natural Gas for Generators, Incineration, and Heating for the facilities and Incinerator Bed Material

Solid Waste Disposal: Material (grit, screenings, ash, and dewatered sludge) hauled to landfills

# Green Bay Metropolitan Sewerage District

## 2022 Budget

### Summary of Revenues and Expenses Legends

Interceptor System:	Repair and Maintenance of Interceptors, Lift Stations and Meter Stations, Pretreatment Program, Power for Meter and Lift Stations, Chemicals for Odor Control, Water, Telemetry Services and Telephones
Office & Administrative:	Publishing, Postage, Data Processing, Employee Recognition, Public Information, Telephones, Safety Shoes and Glasses, Memberships and Dues, Publications and Subscriptions, Licenses and Permits, Meeting Expenses, Bank Service Charges, Bond Issuance Cost, Record Management, Community Outreach Partnership and Education & Public Outreach (EPO)
Insurances:	Automobile, Property, Boiler and Machinery, Liability, Umbrella, Commercial Crime, Public Officials, Cyber and Pollution
Supplies:	Employee Security Badges, Safety & First Aid Equipment and Supplies, Small Computer Hardware and Software, Other Office Supplies, such as: Calculators, Pens, Pencils, Paper, Binders, Folders, Dividers, Tape, Batteries, Toner & Ink Cartridges etc., Cleaning/Janitorial Supplies, Building/Grounds Supplies, Shipping Supplies, etc.
Employee Training & Development:	Employee Development (Registration), Training, and Tuition
Travel and Meetings:	Travel & Meetings, Lodging, Transportation, Meals and Mileage
DNR Environmental Fees:	Annual Environmental Statement Fees from the DNR, which includes: charges from NR101 discharge (includes a charge for all parameter pounds that have permit limits), Hazardous Waste Disposal Fees, Air Emission Fees, and Laboratory Certification Fee. Other Fees such as Tier 2 report fees (related to hazardous material management on site) and other license or permit application fees which may arise

**Green Bay Metropolitan Sewerage District**  
**2022 Budget**  
**Summary of Revenues and Expenses Legends**

**Debt Service and Annual Capital**

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Debt Service:	Principal and Interest incurred for Long Term Capital projects from Clean Water Fund Loans, General Obligation Bonds, and Promissory Notes to financial institutions, such as: DNR, Associated Bank, Board of Commissioners of Public Lands, etc.
Annual Capital:	Maintenance Equipment and Interceptor repairs replacement and purchases collected, expensed and completed within the budget year.