

2016
Adopted
Budget
December 2, 2015

NEW Water
GREEN BAY METROPOLITAN SEWERAGE DISTRICT
2016 Budget - Adopted December 2, 2015
TABLE OF CONTENTS

Dates and Events

Revenues

Municipal & Mill Rate Comparison	1
Summary of Revenues and Expenses	2
Flow and Load Projections	3
User Fees by Source	4
Municipal Cost of Service	5
Hauled Waste Cost of Service	6
Procter & Gamble Cost of Service	7
Fox River Fiber (FRF) Cost of Service	8

Debt Service and Capital Budget

Allocation of Capital & Debt Service Costs	9
Summary of Debt Service Schedule	10
Annual Capital and R2E2 Construction (Rate Stabilization)	11

Expenses

Allocation of Operation & Maintenance (O & M) Costs	12 A & B
Interceptor System O & M	13
Salaries & Benefits before Distribution and after Distribution to Interceptor and Meter Stations	14
Employees Headcount	15
Out-of-Area Travel	16

5-Year Capital Investment Plan Report

Summary of Revenues and Expenses Legends

NEW Water
GREEN BAY METROPOLITAN SEWERAGE DISTRICT
2016 Budget - Adopted December 2, 2015
DATES AND EVENTS

Wednesday, July 22, 2015	First Discussion of 2016 Budget with Commission
Wednesday, August 26, 2015	2016 Budget First Budget Workshop
September 2, 2015	2016 Budget Meeting with Customers
Wednesday, September 30, 2015	2016 Tax Abatement Schedule and Second Budget Workshop
September & October 2015	Elected Officials Board Meetings
Wednesday, December 2, 2015	2016 Budget Public Hearing and Adoption
Thursday, December 3, 2015	2016 Adopted Budget Distributed to Customers

NEW Water
Green Bay Metropolitan Sewerage District
2016 Budget - Adopted December 2, 2015

Municipal Rate Comparison

Parameter	2015 COS Rate (FRF Adjusted)	2016 COS Rate (FRF Adjusted)
Volume (1,000 GALS)	\$0.80448	\$0.79357
Biochemical Oxygen Demand (LBS)	\$0.39331	\$0.43068
Suspended Solids (LBS)	\$0.34822	\$0.41292
Phosphorus (LBS)	\$0.56768	\$0.60597
Total Kjeldahl Nitrogen (LBS)	\$0.65358	\$0.64043
Fixed Charge	\$0.52659	\$0.54580
Total Combined Rate (1,000 GALS)	\$2.89731	\$3.07421

Procter & Gamble Rate Comparison

Parameter	2015 COS Rate	2016 COS Rate
Volume (1,000 GALS)	\$0.52549	\$0.53420
Biochemical Oxygen Demand (LBS)	\$0.26270	\$0.25789
Suspended Solids (LBS)	\$0.19420	\$0.18371
Phosphorus (LBS)	\$0.40750	\$0.38906
Total Kjeldahl Nitrogen (LBS)	\$0.50956	\$0.49819

Fox River Fiber Rate Comparison - Excluding Fixed Charge

Parameter	2015 COS Rate New 2015 (FRF Adjusted)	2016 COS Rate (FRF Adjusted)
Volume (1,000 GALS)	0.59821	\$0.63165
Biochemical Oxygen Demand (LBS)	0.38082	\$0.41777
Suspended Solids (LBS)	0.33967	\$0.40379
Phosphorus (LBS)	0.55008	\$0.58647
Total Kjeldahl Nitrogen (LBS)	0.63145	\$0.61550

Note: The Fixed Charge to be billed by City of De Pere.

NEW Water
Green Bay Metropolitan Sewerage District
2016 Budget - Adopted December 2, 2015
Summary of Revenues and Expenses

	2015 Actual vs. 2015 Budget				2015 & 2016 Budget					
	2014 Budget	2014 Actual	2015 Budget	% of Overall Expenses	Projected 2015 Year End	Favorable/(Unfavorable) Variance	2016 Budget	% of Overall Expenses	Favorable/(Unfavorable) Variance	% Variance
Revenues										
Municipal User Fees	\$ 27,894,196	\$ 31,035,943	\$ 29,636,171	83.9%	\$ 31,568,630	\$ 1,932,459	\$32,499,871	85.4%	\$2,863,700	9.7%
Mill User Fees	1,278,729	1,249,018	1,275,465	3.6%	1,176,070	(99,395)	\$1,268,082	3.3%	(7,383)	-0.6%
Mill Direct Charges	116,054	95,787	110,782	0.3%	58,925	(51,857)	110,809	0.3%	27	0.0%
Mill Capital Charges	1,534,112	1,534,112	945,617	2.7%	945,617	-	1,232,508	3.2%	286,891	30.3%
General Reserve Interest	5,540	2,411	4,303	0.0%	2,482	(1,821)	4,447	0.0%	144	3.4%
Other Revenues (3)	316,035	494,075	353,737	1.0%	447,478	93,741	844,152	2.2%	490,415	138.6%
	\$ 31,144,665	\$ 34,411,346	\$ 32,326,076	91.5%	\$ 34,199,202	\$ 1,873,127	\$ 35,959,870	94.5%	\$ 3,633,795	11.2%
PERF Reserve Transfers	-	-	-	0.0%	-	-	-	-	-	0.0%
DEBT and ICR Reserve Transfers	2,622,830	2,622,830	3,000,710	8.5%	3,000,710	-	2,107,863	5.5%	(892,847)	-29.8%
Transfer From Rate Stabilization Fund	-	-	-	0.0%	-	-	-	0.0%	-	0.0%
General Fund Transfers	2,622,830	(1,810,546)	3,000,710	8.5%	901,668	(2,099,042)	2,107,863	5.54%	(892,847)	-29.8%
	\$ 33,767,495	\$ 32,600,800	\$ 35,326,785	100.0%	\$ 35,100,870	\$ (225,915)	\$ 38,067,733	100.0%	\$ 2,740,948	7.8%
Expenses										
Salaries & Benefits	\$ 9,626,812	\$ 9,507,999	\$ 9,630,415	27.3%	\$ 9,340,096	\$ 290,319	\$ 9,739,319	25.58%	(108,904)	-1.1%
Power	2,481,056	2,305,933	2,310,982	6.5%	2,331,928	(20,946)	2,396,434	6.30%	(85,452)	-3.7%
Contracted Services	1,851,641	1,760,813	1,783,677	5.1%	1,670,431	113,246	2,372,322	6.23%	(588,645)	-33.0%
Maintenance & Repairs	1,613,648	1,447,452	1,542,043	4.4%	1,696,426	(154,383)	1,580,896	4.15%	(38,853)	-2.5%
Chemicals	624,910	586,295	587,696	1.7%	483,496	104,200	564,123	1.48%	23,573	4.0%
Natural Gas & Fuel Oil	1,339,918	1,412,685	1,229,821	3.5%	1,100,654	129,167	1,079,183	2.83%	150,638	12.2%
Solid Waste Disposal	276,028	224,172	273,702	0.8%	168,712	104,990	256,315	0.67%	17,387	6.4%
Interceptor System (1)	574,549	398,276	578,512	1.6%	571,378	7,134	514,560	1.35%	63,952	11.1%
Office & Administrative	362,158	294,994	358,743	1.0%	401,570	(42,827)	476,555	1.25%	(117,812)	-32.8%
Insurance	207,597	203,471	208,271	0.5%	200,410	7,861	202,995	0.53%	5,276	2.5%
Supplies	154,004	164,864	160,128	0.5%	173,351	(13,223)	130,626	0.34%	29,502	18.4%
Employee Training & Development	126,323	114,595	123,913	0.4%	107,388	16,525	123,078	0.32%	835	0.7%
Travel and Meetings	75,230	49,085	71,635	0.2%	72,565	(930)	71,343	0.19%	292	0.4%
DNR Environmental Fees	155,000	143,118	155,000	0.4%	143,118	11,882	145,000	0.38%	10,000	6.5%
Total O & M Expenses	\$ 19,468,874	\$ 18,613,751	\$ 19,014,538	53.8%	\$ 18,461,524	\$ 553,014	\$ 19,652,749	51.63%	\$ (638,211)	-3.4%
Debt Service (2)	\$ 9,852,572	\$ 9,852,572	\$ 12,751,248	36.1%	\$ 12,751,248	-	\$ 10,993,983	28.9%	\$1,757,265	13.8%
Annual Capital	2,009,400	1,697,827	2,132,851	6.0%	2,459,951	(327,100)	1,971,000	5.2%	161,851	7.6%
R2E2 Construction (Rate Stabilization)	2,436,650	2,436,650	1,428,148	4.0%	1,428,148	-	5,450,000	14.3%	(4,021,852)	-281.6%
Total Debt Service, Annual Capital & Rate Stabilization	\$ 14,298,621	\$ 13,987,049	\$ 16,312,247	46.2%	\$ 16,639,346	(327,100)	\$ 18,414,983	48.4%	\$ (2,102,736)	-12.9%
Total Expenses	\$ 33,767,495	\$ 32,600,800	\$ 35,326,785	100.0%	\$ 35,100,870	\$ 225,915	\$ 38,067,733	100.0%	\$ (2,740,948)	-7.8%

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 2016 reflects collection and payments for 2017 Debt Payments.
(3) Other Revenues includes pretreatment permit fees and charges, hauled waste truck fees, O & M and Capital grants, laboratory and metering sampling.

NEW Water
Green Bay Metropolitan Sewerage District
2016 Budget - Adopted December 2, 2015
Flow and Load Projections - with FRF Adjustment

1,000 gal	VOLUME		BOD		TSS		PHOS		TKN		Fixed Charge		Total Amount
	Gallons	Total	Amount	Pounds	Amount	Pounds	Amount	Pounds	Amount	Pounds	Amount	Allocation	
4,869,350	4,869,350	\$3,864,844	6,387,833	2,751,393	\$2,561,922	184,546	\$111,845	1,423,289	\$911,654	39.84%	\$2,274,933	\$12,476,590	
1,262,000	1,262,000	\$1,001,660	4,756,000	\$2,048,523	\$967,520	39,500	\$23,939	308,000	\$197,282	13.73%	\$784,259	\$5,023,184	
348,000	348,000	\$219,813	1,300,000	\$543,103	\$434,071	31,500	\$18,474	220,000	\$135,410	6.04%	\$344,757	\$1,695,629	
740,000	740,000	\$587,344	910,439	\$392,148	\$452,038	24,076	\$14,591	166,317	\$106,530	5.67%	\$324,028	\$1,876,680	
1,427,500	1,427,500	\$1,135,019	2,241,110	\$965,300	\$1,016,065	68,689	\$41,629	331,999	\$212,654	12.93%	\$738,467	\$4,107,133	
650,000	650,000	\$515,911	937,192	\$403,671	\$375,144	24,095	\$14,603	173,432	\$111,088	5.37%	\$306,823	\$1,727,240	
118,500	118,500	\$94,054	196,044	\$84,441	\$80,889	4,858	\$2,944	37,718	\$24,159	1.10%	\$62,837	\$349,325	
820,000	820,000	\$650,841	724,593	\$312,100	\$1,579,967	25,961	\$15,734	248,871	\$159,408	6.78%	\$387,132	\$2,177,647	
113,000	113,000	\$89,689	26,551	\$11,436	\$13,827	3,440	\$2,085	14,196	\$9,093	0.51%	\$29,198	\$155,329	
195,000	195,000	\$154,773	53,120	\$22,880	\$27,546	7,804	\$4,730	36,140	\$23,149	1.06%	\$60,355	\$293,432	
192,500	192,500	\$152,789	482,850	\$207,975	\$194,472	12,250	\$7,424	72,446	\$46,404	2.40%	\$137,304	\$746,367	
193,000	193,000	\$153,186	308,131	\$132,719	\$142,520	8,568	\$5,193	68,047	\$43,586	1.88%	\$107,422	\$584,626	
94,000	94,000	\$74,609	161,595	\$69,603	\$98,584	4,722	\$2,862	37,475	\$24,004	1.06%	\$60,628	\$330,289	
13,218	13,218	\$10,491	16,211	\$6,982	\$7,074	544	\$330	4,257	\$2,727	0.12%	\$7,031	\$38,741	
90,000	90,000	\$71,434	83,770	\$36,082	\$38,181	2,441	\$1,479	19,768	\$12,662	0.59%	\$33,675	\$193,512	
24,250	24,250	\$19,247	36,597	\$15,763	\$25,229	1,227	\$744	9,623	\$6,164	0.27%	\$15,304	\$82,451	
15,422	15,422	\$12,241	18,922	\$8,150	\$13,040	644	\$390	4,977	\$3,188	0.14%	\$8,231	\$45,240	
29,000	29,000	\$23,018	34,573	\$14,891	\$23,837	1,160	\$703	9,085	\$5,819	0.26%	\$15,078	\$83,346	
19,500	19,500	\$15,477	30,515	\$13,144	\$21,037	1,028	\$623	8,019	\$5,136	0.22%	\$12,698	\$68,115	
29,200	29,200	\$52,076	442,000	\$186,916	\$172,993	4,650	\$3,964	38,511	\$29,045	0.00%	\$0	\$444,995	
11,243,440	11,243,440	\$8,896,516	19,148,046	\$8,227,220	\$7,322,528	451,703	\$274,285	3,232,170	\$2,069,162	100%	\$5,710,160	\$32,499,871	
Procter & Gamble	1,500,000	\$801,304	450,000	\$116,050	\$330,684	3,500	\$1,362	37,500	\$18,682	0.00%	\$0	\$1,268,082	
Total Mill	1,500,000	\$801,304	450,000	\$116,050	\$330,684	3,500	\$1,362	37,500	\$18,682	0%	\$0	\$1,268,082	
Grand Total	12,743,440	\$9,697,820	19,598,046	\$8,343,271	\$7,653,211	455,203	\$275,647	3,269,670	\$2,087,844	\$5,710,160	\$0	\$33,767,953	

NEW Water
Green Bay Metropolitan Sewerage District
2016 Budget - Adopted December 2, 2015
User Fees by Source

	2016 Budget	2015 Budget	Actual 2014	Actual 2013	Actual 2012
City of Green Bay	\$12,476,590	\$11,350,691	\$11,665,027	\$9,302,442	\$8,232,577
City of De Pere	5,023,184	4,760,820	5,936,369	6,337,668	5,418,387
Fox River Fiber *	1,695,629	1,155,458	N/A	N/A	N/A
Village of Allouez	1,876,680	1,738,347	1,680,020	1,485,641	1,228,407
Village of Ashwaubenon	4,107,133	4,046,707	3,550,124	3,167,739	3,067,970
Village of Bellevue	1,727,240	1,609,323	1,508,969	1,406,755	1,146,931
Village of Hobart	349,325	317,059	317,342	263,565	181,821
Village of Howard	2,177,647	1,838,756	1,953,137	1,571,810	1,734,545
Village of Luxemburg	155,329	137,131	202,835	118,683	112,277
Village of Pulaski	293,432	278,295	299,117	241,253	206,424
Village of Suamico	746,367	657,974	641,215	550,497	421,482
Town of Ledgeview Sanitary District #2	584,626	596,453	522,144	511,793	453,093
Town of Lawrence - Utility District	330,289	287,303	295,328	232,075	191,114
Pittsfield Sanitary District	38,741	39,120	35,568	31,338	28,461
Town of Scott Sanitary District #1	193,512	197,047	198,283	173,984	152,232
Dyckesville Sanitary District	82,451	69,151	69,362	56,679	46,494
New Franken Sanitary District	45,240	47,878	43,026	38,355	34,815
Royal Scott Sanitary District	83,346	85,110	89,538	70,969	53,548
Bayshore Sanitary District	68,115	54,715	58,437	45,661	34,843
Hauled Waste **	444,995	368,834	1,970,099	875,578	383,150
Total Municipal	\$32,499,871	\$29,636,171	\$31,035,940	\$26,482,485	\$23,128,571
Georgia-Pacific	\$0	\$0	\$0	\$0	\$0
Procter & Gamble	1,268,082	1,275,465	1,249,018	1,084,461	1,060,209
Total Mills	\$1,268,082	\$1,275,465	\$1,249,018	\$1,084,461	\$1,060,209
Total User Fees	\$33,767,953	\$30,911,637	\$32,284,958	\$27,566,946	\$24,188,780

* Fox River Fiber Units and Cost were included in 2014 Budget and prior with City of De Pere.

** Hauled Waste for 2013 & 2014 was significantly higher due to a special projects with the Three Cheese Facilities.

NEW Water
Green Bay Metropolitan Sewerage District
2016 Budget - Adopted December 2, 2015
Municipal 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 (2)		11,214,240	18,706,046	17,337,535	447,053	3,193,659	11,214,240
Cost of Service							
Municipal							
Operating Cost	\$17,216,986	\$7,435,891	\$4,827,485	\$3,187,391	\$174,077	\$1,592,142	\$0
Pretreatment Cost Allocation	153,648	0	75,518	50,388	3,310	24,431	0
Capital Cost (2)	5,061,745	1,339,884	927,458	454,913	24,128	347,151	1,968,211
Solids Project	9,623,354	68,812	2,210,232	3,457,090	68,812	76,458	3,741,949
Total Cost	\$32,055,732	\$8,844,587	\$8,040,693	\$7,149,782	\$270,327	\$2,040,183	\$5,710,160
Unit Operating Cost		\$0.66308	\$0.26211	\$0.18675	\$0.39679	\$0.50618	\$0.00000
Unit Capital Cost		\$0.12562	\$0.16774	\$0.22564	\$0.20789	\$0.13264	\$0.54580
Unit Combined Cost (1)	\$3.06625	\$0.78869	\$0.42984	\$0.41239	\$0.60469	\$0.63882	\$0.54580
Fox River Fiber (FRF) Adjustment (3)	\$0.00796	\$0.00487	\$0.00084	\$0.00053	\$0.00128	\$0.00161	\$0.00000
Adjusted Unit Combined Cost	\$3.07421	\$0.79357	\$0.43068	\$0.41292	\$0.60597	\$0.64043	\$0.54580

(1) Combined rate based on a standard parts/million.

(2) Excludes Hauled Waste flows and loads.

(3) FRF Adjustment removes interceptor costs.

BUDGET RATE HISTORY	UNIT COMBINED COST (1)	VOLUME	BOD	SS	PHOS	TKN	Fixed Charge
2015	\$2.89731	\$0.80448	\$0.39331	\$0.34822	\$0.56768	\$0.65358	\$0.52659
2014	\$2.63618	\$0.76333	\$0.33466	\$0.29867	\$0.62124	\$0.68741	\$0.46763
2013	\$2.34449	\$0.85682	\$0.30901	\$0.34795	\$0.62393	\$0.78995	0
2012	\$2.14312	\$0.84274	\$0.26511	\$0.29365	\$0.48596	\$0.76674	0

NEW Water
Green Bay Metropolitan Sewerage District
2016 Budget - Adopted December 2, 2015
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		29,200	442,000	448,000	4,650	38,511	0
Cost of Service							
Operating Cost	\$236,648	\$19,362	\$113,987	\$82,303	\$1,809	\$19,186	\$0
Pretreatment Cost Allocation	0	0	0	0	0	0	0
Capital Cost	71,520	30,977	21,442	10,517	558	8,026	0
Solids Project	135,973	1,591	51,098	79,925	1,591	1,768	0
Direct Charges	0	0	0	0	0	0	0
FRF Adjustment	855	146	389	248	6	66	0
Total Cost	\$444,995	\$52,076	\$186,916	\$172,993	\$3,964	\$29,045	\$0

NEW Water
Green Bay Metropolitan Sewerage District
2016 Budget - Adopted December 2, 2015
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		1,500,000	450,000	1,800,000	3,500	37,500	1,500,000
Cost of Service							
Operating Cost	\$1,268,082	\$801,304	\$116,050	\$330,684	\$1,362	\$18,682	\$0
Pretreatment Cost Allocation	0	0	0	0	0	0	0
Capital Cost	317,570	0	0	0	0	0	317,570
Solids Project	914,938	0	0	0	0	0	914,938
Direct Charges	71,808	0	0	0	0	0	0
Total Cost	\$2,572,398	\$801,304	\$116,050	\$330,684	\$1,362	\$18,682	\$1,232,508
Unit Cost		\$0.53420	\$0.25789	\$0.18371	\$0.38906	\$0.49819	\$0.00000

BUDGET RATE HISTORY	VOLUME	BOD	SS	PHOS	TKN
2015	\$0.52549	\$0.26270	\$0.19420	\$0.40750	\$0.50956
2014	\$0.51836	\$0.24896	\$0.19362	\$0.50636	\$0.56970
2013	\$0.50944	\$0.20116	\$0.19775	\$0.44714	\$0.57453
2012	\$0.47128	\$0.18786	\$0.20413	\$0.36372	\$0.55581

NEW Water
Green Bay Metropolitan Sewerage District
2016 Budget - Adopted December 2, 2015
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</u>
Unit Value		1,000 gal	pounds	pounds	pounds	pounds	N/A
Units		348,000	1,300,000	1,075,000	31,500	220,000	-
Total Municipal Units		11,214,240	18,706,046	17,337,535	447,053	3,193,659	-
Cost of Service							
Operating Cost	\$ 885,817	\$ 230,750	\$ 335,492	\$ 197,632	\$ 12,266	\$ 109,677	\$ -
Pretreatment Cost Allocation	10,289	-	5,248	3,124	233	1,683	-
Capital Cost	884,820	43,715	218,058	242,561	6,549	29,181	344,757
Solids Project	-	-	-	-	-	-	-
Subtotal Cost of Service	\$ 1,780,925	\$ 274,465	\$ 558,798	\$ 443,317	\$ 19,048	\$ 140,541	\$ 344,757
Direct Charges	39,001	-	-	-	-	-	-
Less FRF Adjustment	(85,296)	(54,652)	(15,695)	(9,245)	(574)	(5,131)	-
Total Cost	\$ 1,734,630	\$ 219,813	\$ 543,103	\$ 434,071	\$ 18,474	\$ 135,410	\$ 344,757
Unit Cost (New for 2015)		\$0.78869	\$0.42984	\$0.41239	\$0.60469	\$0.63882	6.03761%
FRF Adjustment		(0.1570)	(0.0121)	(0.0086)	(0.0182)	(0.0233)	0.00000%
Unit Cost (with FRF Adjustment)		\$0.63165	\$0.41777	\$0.40379	\$0.58647	\$0.61550	6.03761%

BUDGET RATE HISTORY	VOLUME	BOD	SS	PHOS	TKN	Fixed Charge
2015	\$0.59821	\$0.38082	\$0.33967	\$0.55008	\$0.63145	\$0.52659

NEW Water
GREEN BAY METROPOLITAN SEWERAGE DISTRICT
 2016 Budget - Adopted December 2, 2015
 Allocation of Capital and Debt Service Costs (1)

Debt Service	FY2016	Allocations	
		Municipal	Procter & Gamble (1)
Debt Service - Municipal Only			
Clean Water Fund Loans			
4198-12 West Fox River Interceptor	142,928	142,928	0
4198-16 East River Lift Station	132,555	132,555	0
4198-18 Scott Bayshore Interceptor	45,787	45,787	0
4198-21 East Tower Drive Interceptor	182,954	182,954	0
4345-06 De Pere Ashwaubenon Creek Interceptor	217,518	217,518	0
4198-29 Phase Two Interceptor Rehabilitation	216,350	216,350	0
4198-45 De Pere Facility East Service Area Interceptor Rehabilitation	186,957	186,957	0
Dutchman Creek Interceptor Upgrade & Scott Bayshore Interceptor Rehabilitation (2014 New) *	0	0	0
Other General Obligation Debt			
2008 Sewerage System Improvement Bond	\$519,192	\$519,192	\$0
Total Debt Service - Municipal Only (2)	\$1,644,240	\$1,644,240	\$0
Debt Service - Common to All			
Clean Water Fund Loans			
4198-02 Bar Screen Replacement	\$100,799	\$95,096	\$5,703
4198-09 Service Water System	64,771	61,107	3,665
4198-15 Treated Cooling Water System - Metro Header	182,774	172,432	10,341
4198-24 Electrical Generation Facility	208,409	196,618	11,792
4198-25 RAS/WAS Improvements	663,525	625,983	37,542
4198-27 Solids Process Improvement	352,770	332,810	19,960
4198-32 GBF: Administration & Maintenance Building HVAC Replacement	206,571	194,883	11,688
4198-35 Combined Treatment Facilities Projects	300,957	283,929	17,028
4198-37 Consolidation/Conveyance Project	881,858	831,962	49,896
4198-44 R2E2 Solids Management (2014 New)	1,052,107	992,579	59,528
4198-48 DPF: UV Disinfection System Upgrade	271,219	255,873	15,346
4345-03 De Pere Treatment Facility	59,851	56,464	3,386
4345-04 De Pere Facility	257,938	243,344	14,594
4198-99 Green Bay Facility Solids Management Plan Construction (R2E2) (2015 New) *	3,165,207	2,883,820	281,387
4198-52 GBF: Disinfection System Upgrade (2015 New) *	176,298	166,323	9,975
DPF: Blower Replacement Project (2016 New)	237,255	223,831	13,424
Other General Obligation Debt			
2008 Sewerage System Improvement Bond	302,965	276,031	26,934
Promissory Note to City of De Pere	160,485	151,405	9,080
Green Bay Facility Solids Management Plan - Design	703,985	641,401	62,584
Total Debt Service - Common to All (2)	\$9,349,743	\$8,685,890	\$663,854
OFFSETS TO DEBT SERVICE PAYMENTS			
Georgia-Pacific - Capital Payment	\$ (463,623)	\$ (463,623)	\$0
4198-29 City of De Pere Rehabilitation Interceptor Ashwaubenon Creek Payment	(53,472)	(53,472)	0
Less Debt Payments Funded from ICR Reserve **	(772,320)	(772,320)	0
City of Green Bay Interceptors Payment	(596,928)	(596,928)	0
Town of Lawrence Interceptors Payment (9th Street Seg 5 Ext., Ashw. Creek 2,3,4,6,7 and Ashw. Interceptor 2,3 & 4)	(197,077)	(197,077)	0
New Franken Sanitary District Interceptor Payment	(21,621)	(21,621)	0
Royal Scott Sanitary District #1 Interceptor Payment	(2,822)	(2,822)	0
Total Debt Service Offsets	(\$2,107,863)	(\$2,107,863)	\$0
TOTAL DEBT SERVICE	\$8,886,120	\$8,222,267	\$663,854
ANNUAL CAPITAL OUTLAY			
Regular			
2016 Requests - Allocated to All	\$1,841,000	\$1,746,803	\$94,197
2016 Requests - Allocated to Municipal from Rate Stabilization Reserve Offset	0	0	0
2016 Requests - Allocated to Municipal Only	130,000	130,000	0
Solids			
2016 Requests - Transfer to R2E2 Rate Stabilization Reserves	5,450,000	4,965,495	484,505
TOTAL ANNUAL CAPITAL OUTLAY	\$7,421,000	\$6,842,298	\$578,702
TOTAL ANNUAL CAPITAL AND DEBT SERVICE	\$16,307,120	\$15,064,565	\$1,242,556
Interest Income	(\$4,447)	(\$4,447)	\$0
Hauled Waste Truck Fees	(\$37,627)	(\$35,498)	(\$2,129)
Miscellaneous Revenue - O & M	\$0	\$0	\$0
Miscellaneous Revenue - Capital ***	(\$139,948)	(\$132,030)	(\$7,918)
Transfer From Rate Stabilization Fund	\$0	\$0	\$0
Using/(Building) Rate Reserves	\$0	\$0	\$0
Total Non-Rate Revenues (Capital-Related)	(\$182,022)	(\$171,974)	(\$10,047)
Net Annual Capital and Debt Service	\$16,125,099	\$14,892,590	\$1,232,508

(1) Based on Revised Cost of Service Allocations from Camp Dresser & McKee Inc. May 2011 (Table 5). Debt Collection is for 2017 debt service payments.
 (2) Total Debt Collected in 2016 Budget for 2017 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: 2015 and 2016 Payments for Debt Service over collected or under collected for these three projects due to timing on submitting loan.
 ** Note: Less Debt Payments funded from ICR Reserve (excluding debt payments of 2014 Budget new loans and forward).
 *** 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
2016 Budget - Adopted December 2, 2015
Summary of Debt Service Schedule

Issue	Description	Original Amount	2016 Budget for 2017 Debt Payments	Loan Date	Last Payment
4345-03	De Pere Treatment Facility	890,037	59,851	12/31/2007	May 2017
4198-15	Treated Cooling Water System - Metro Header	2,737,735	182,774	4/14/1999	May 2018
4198-16	East River Lift Station	1,924,428	132,555	10/25/2000	May 2020
4198-12	West Fox River Interceptor	2,159,850	142,928	10/25/2000	May 2020
4345-06	De Pere Ashwaubenon Creek Interceptor	3,222,103	217,518	12/31/2007	May 2020
4198-09	Service Water System	946,212	64,771	7/11/2001	May 2021
4198-02	Bar Screens Replacement	1,490,715	100,799	7/11/2001	May 2021
4198-18	Scott Bayshore Interceptor	695,592	45,787	2/27/2002	May 2021
4345-04	De Pere Facility	3,881,879	257,938	12/31/2007	May 2021
4198-27	Solids Process Improvement	5,347,693	352,770	12/8/2004	May 2024
4198-21	East Tower Drive Interceptor	2,761,526	182,954	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	10,000,000	822,156	9/15/2008	May 2028
4198-25	RAS/WAS Improvements	10,460,782	663,525	3/11/2009	May 2028
4198-35	Combined Treatment Facilities Projects	4,211,341	300,957	12/9/2009	May 2029
4198-37	Consolidation/Conveyance Project	12,821,922	881,858	12/9/2009	May 2029
4198-29	Phase Two Interceptor Rehabilitation	3,421,382	216,350	11/10/2010	May 2030
4198-24	Electrical Generator Project	3,246,148	208,409	12/22/2010	May 2030
4198-32	GBF: Administration & Maintenance Building HVAC Replacement	3,133,312	206,571	4/10/2013	May 2032
4198-45	De Pere Facility East Service Area Interceptor Rehabilitation	3,146,593	186,957	12/12/2012	May 2032
4198-48	DPF: Disinfection System Upgrade (2013 New)	4,272,020	271,219	1/8/2014	May 2033
July 2013	General Obligation Bond Green Bay Facility Solids Management Plan - Design (R2E2) *	20,000,000	703,985	8/20/2013	May 2038
4198-44	Green Bay Facility Solids Management Plan Construction (R2E2) (2014 New) *	16,337,158	1,052,107	8/1/2014	May 2035
Total Existing Debt		\$119,108,427	\$7,415,223		
(New)	Dutchman Creek Interceptor Upgrade & Scott Bayshore Interceptor Rehabilitation (2014 New)	4,475,960	-	9/1/2016	May 2036
(New)	4198-99 Green Bay Facility Solids Management Plan Construction (R2E2) (2015 New) *	112,219,874	3,165,207	10/14/2015	May 2035
(New)	4198-52 GBF: Disinfection System Upgrade (2015 New)	2,784,000	176,298	12/23/2015	May 2035
(New)	DPF: Blower Replacement Project (2016 New)	3,500,000	237,255	6/1/2016	May 2036
Total New Debt		\$122,979,834	\$3,578,760		
Grand Total with New Debt		\$242,088,261	\$10,993,983		
* Solids Management - R2E2 Project Loans					

**NEW Water
Green Bay Metropolitan Sewerage District
2016 Budget - Adopted December 2, 2015
Annual Capital**

<u>Item Description</u>	Common to All - Municipal Only	Amount
Business Services		
<u>Information Technology</u>		
GBF: Wireless Network Communication Phase II	Common to All	\$ 120,000
DPF: Wireless Network Communication	Common to All	40,000
DPF: Fiber Optic Network Enhancement/Upgrade	Common to All	60,000
GBF: Audio/Visual RM Equipment Replacement	Common to All	40,000
GBF & DPF: Disaster Recovery/Backup System	Common to All	60,000
Total Business Services		\$ 320,000
Operations		
<u>Maintenance</u>		
GBF: Replace Air Handling Units	Common to All	\$ 215,000
GBF: Replace roof - Maintenance Building	Common to All	1,100,000
DPF: Replace roof - Influent Pump Station	Common to All	152,000
Total Operations		\$ 1,467,000
Technical Services		
<u>Engineering</u>		
MS 6, 8, & 9 Rehabilitation	Municipal Only	\$ 80,000
Annual Manhole Rehabilitation	Municipal Only	50,000
Total Technical Services		\$ 130,000
Environmental Programs		
<u>Watershed Management</u>		
Environmental Lands Easement or Title Purchase - Pilot Demonstration Project	Common to All	\$ 54,000
Total Environmental Programs		\$ 54,000
Total Annual Capital Items		\$ 1,971,000
<u>Solids Project (R2E2)</u>		
2016 Requests - Transfer to R2E2 Rate Stabilization Reserves	Solids	\$ 5,450,000
Total Solids Project (R2E2)		\$ 5,450,000

NEW Water
Green Bay Metropolitan Sewerage District
2016 Budget - Adopted December 2, 2015
Allocation of Operation and Maintenance Costs

Expenses are first allocated to cost components (Flow, BOD, SS, 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 Services & Environmental Services										
Operational Testing	\$480,446	\$67,262	\$57,654	\$43,240	\$28,827	\$33,631	\$100,894	\$115,307	\$0	\$33,631
Water Quality Testing	657,534	724,797	57,654	43,240	28,827	33,631	100,894	115,307	0	33,631
Total Laboratory Services	1,137,980									
Treatment										
Pump Station	108,229	108,229	0	0	0	0	0	0	0	0
Primary Treatment	143,454	143,454	0	0	0	0	0	0	0	0
Aeration	299,501	0	149,750	0	0	149,750	0	0	0	0
Final & Chlorine Contact Basins	233,723	233,723	0	0	0	0	0	0	0	0
Primary Thickeners	143,454	3,586	18,893	116,671	3,586	717	0	0	0	0
Waste Activated Sludge Thickeners	167,363	0	99,012	65,004	0	3,347	0	0	0	0
Dewatering - Belt Presses/Incineration	478,180	4,782	194,925	266,997	4,782	6,695	0	0	0	0
Primary Sludge	191,272	4,782	25,191	155,562	4,782	956	0	0	0	0
Secondary Sludge	286,908	0	169,735	111,435	0	5,738	0	0	0	0
Incineration	621,634	7,173	235,810	363,350	7,173	8,129	0	0	0	0
Primary Sludge	286,908	7,173	37,786	233,342	7,173	1,435	0	0	0	0
Secondary Sludge	334,726	0	198,024	130,008	0	6,695	0	0	0	0
Solids, General	251,683	2,736	98,570	144,249	2,736	3,391	0	0	0	0
Grit Removal	10,378	0	0	10,378	0	0	0	0	0	0
Filtration	14,808	14,808	0	0	0	0	0	0	0	0
Total Treatment	2,472,407	518,491	796,961	966,649	18,277	172,029	0	0	0	0
Maintenance/Engineering										
Maintenance	2,362,098	885,786	695,166	368,488	17,479	256,524	119,522	0	19,133	0
Engineering	710,895	266,585	209,216	110,900	5,261	77,203	35,971	0	5,758	0
Total All Above	6,683,380	2,395,659	1,758,996	1,489,276	69,844	539,388	256,387	115,307	24,891	33,631
Business Services & Information Systems										
	1,971,337	719,031	527,944	446,990	20,963	161,892	76,952	0	6,880	10,684
Total Salaries & Benefit Costs	8,654,717	3,114,690	2,286,941	1,936,267	90,807	701,279	333,339	115,307	31,772	44,316
Power										
Metro Pump	331,553	0	0	0	0	0	331,553	0	0	0
Mill Pump	20,430	0	0	0	0	0	0	0	20,430	0
Secondary Effluent Pump (SEP)	21,860	21,860	0	0	0	0	0	0	0	0
Process Air Compressors	846,846	0	550,450	0	0	296,396	0	0	0	0
Solids Building	257,520	2,575	104,975	143,789	2,575	3,605	0	0	0	0
Primary Sludge (40)	103,008	2,575	13,566	83,776	2,575	515	0	0	0	0
Secondary Sludge (60)	154,512	0	91,409	60,012	0	3,090	0	0	0	0
All Other Plant	918,225	344,334	270,234	143,243	6,795	99,719	46,462	0	7,438	0
Total Power	2,396,434	368,769	925,659	287,032	9,370	399,721	378,015	0	27,868	0
Fuel										
Fuel - Diesel for Generators	69,504	69,504	0	0	0	0	0	0	0	0
Building	513,952	192,732	151,256	80,177	3,803	55,815	26,006	0	4,163	0
Incineration	495,727	4,957	202,078	276,794	4,957	6,940	0	0	0	0
Primary Sludge (40)	198,291	4,957	26,115	161,270	4,957	991	0	0	0	0
Secondary Sludge (60)	297,436	0	175,963	115,524	0	5,949	0	0	0	0
Total Fuel	1,079,183	267,193	353,334	356,971	8,761	62,755	26,006	0	4,163	0

**Green Bay Metropolitan Sewerage District
2016 Budget - Adopted December 2, 2015
Allocation of Operation and Maintenance Costs**

Expenses are first allocated to cost components (Flow, BOD, SS, 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	\$87,600	\$87,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Gravity Belt Polymer	42,372	0	25,067	16,457	0	847	0	0	0	0
Gravity Thickener Polymer	0	0	0	0	0	0	0	0	0	0
Belt Press Polymer	228,600	2,286	93,187	127,641	2,286	3,200	0	0	0	0
Primary Sludge (40)	91,440	2,286	12,043	74,368	2,286	457	0	0	0	0
Secondary Sludge (60)	137,160	0	81,144	53,273	0	2,743	0	0	0	0
Lime and Clay	53,343	533	21,745	29,785	533	747	0	0	0	0
Primary Sludge (40)	21,337	533	2,810	17,354	533	107	0	0	0	0
Secondary Sludge (60)	32,006	0	18,935	12,431	0	640	0	0	0	0
Sodium Bisulfite	54,200	54,200	0	0	0	0	0	0	0	0
Ferric Chloride	46,750	23,375	0	0	23,375	0	0	0	0	0
Ferric Chloride - odor control	4,002	4,002	0	0	0	0	0	0	0	0
Other Chemicals	47,256	47,256	0	0	0	0	0	0	0	0
Total Chemicals	\$64,123	219,252	139,999	173,883	26,194	4,795	0	0	0	0
Maintenance & Repairs										
Maintenance & Repairs	1,526,783	572,543	449,332	238,178	11,298	165,809	77,255	0	12,367	0
All Other Expenses										
Solid Waste	256,315	3,007	96,327	150,652	3,007	3,322	0	0	0	0
Primary Sludge (40)	120,263	3,007	15,839	97,810	3,007	601	0	0	0	0
Secondary Sludge (60)	136,052	0	80,488	52,843	0	2,721	0	0	0	0
DNR Environmental Fees	145,000	1,058	48,814	51,500	32,742	10,885	0	0	0	0
Other Miscellaneous	3,439,890	1,289,958	1,012,360	536,623	25,455	373,573	174,058	0	27,863	0
Total All Other	3,841,205	1,294,023	1,157,501	738,776	61,204	387,780	174,058	0	27,863	0
Total Treatment Plant O & M	18,062,445	5,836,470	5,312,766	3,731,107	207,634	1,722,139	988,674	115,307	104,032	44,316
Field Services O & M										
Pretreatment	164,688	0	0	0	0	0	0	164,688	0	0
Municipal Interceptors	330,598	0	0	0	0	0	330,598	0	0	0
Mill Interceptors	2,587	0	0	0	0	0	0	0	2,587	0
Fox River Fiber Force Main	22,161	0	0	0	0	0	0	0	0	22,161
Municipal Metering Stations	242,336	0	0	0	0	0	242,336	0	0	0
Mill Metering Stations	25,675	0	0	0	0	0	0	0	0	25,675
Municipal Lift Stations	356,027	0	0	0	0	0	356,027	0	0	0
<i>Subtotal</i>	<i>1,144,072</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>928,961</i>	<i>164,688</i>	<i>2,587</i>	<i>47,836</i>
All Other (Field Services Salaries after distribution)	446,232	0	0	0	0	0	362,330	64,235	1,009	18,658
Total Interceptor System O & M	1,590,304	0	0	0	0	0	1,291,291	228,923	3,596	66,493
Total O & M Costs	\$19,652,749	\$5,836,470	\$5,312,766	\$3,731,107	\$207,634	\$1,722,139	\$2,279,965	\$344,230	\$107,629	\$110,809
Distribution to Participants										
MUNICIPAL	18,261,071	5,149,473	5,190,777	3,388,201	206,037	1,702,388	2,279,965	344,230		39,001
FOX RIVER FIBER	39,001	0	0	0	0	0	0	0		71,808
PROCTER & GAMBLE	1,352,677	686,997	121,989	342,906	1,596	19,751	0	0	107,629	
Total	\$19,652,749	\$5,836,470	\$5,312,766	\$3,731,107	\$207,634	\$1,722,139	\$2,279,965	\$344,230	\$107,629	\$110,809

NEW Water
Green Bay Metropolitan Sewerage District
2016 Budget - Adopted December 2, 2015
Interceptor System O & M

Account Name	Maintenance	Field Services	Procter & Gamble Meter Station	Procter & Gamble Interceptor	Fox River Fiber Force Main
Salaries - Procter & Gamble (P&G) Interceptor	\$0	\$1,164		\$1,164	
Benefits - P&G Interceptor	0	423		423	
Salaries - P&G Meter Station	7,008	10,479	17,487		
Benefits - P&G Meter Station	2,544	3,804	6,348		
Salaries - Fox River Fiber - Force Main	0	4,657			4,657
Benefits - Fox River Fiber - Force Main	0	1,691			1,691
Salaries - Fox River Fiber - Meter Station	4,000	5,822			9,822
Benefits - Fox River Fiber - Meter Station	1,452	2,114			3,566
Repair & Maintenance (R & M) - P&G Interceptor			0	1,000	
R & M - P&G Meter Station			1,000		
Phones - P&G			840		
Power - P&G			0		
R & M - Force Main					2170
R & M - Meter Station					255
Chemicals					
Total			\$25,675	\$2,587	\$22,161

Account Name	Maintenance	Field Services	GBMSD Meter Stations	GBMSD Interceptors	Lift Station	Pretreatment
Salaries Pretreatment	\$0	\$118,167				\$ 118,167
Salaries - GBMSD Interceptors	5,100	89,652		94,752		
Salaries - GBMSD Meter Stations	0	97,802	97,802			
Salaries - East Bayshore Lift Stations	21,876	44,244			66,120	
Salaries - East River Lift Station	14,880	13,972			28,852	
Salaries - Old Plank Lift Station	3,900	8,150			12,050	
Salaries - Interplant Force Main	0	13,972		13,972		
Salaries - Chemical Feed Building	0	3,493	3,493			
Benefits - Pretreatment	0	42,901				42,901
Benefits - GBMSD Interceptors	1,852	32,549		32,549		
Benefits - GBMSD Meter Stations	0	35,508	35,508			
Benefits - East Bayshore Lift Stations	7,942	16,063			24,005	
Benefits - East River Lift Station	5,402	5,073			10,475	
Benefits - Old Plank Lift Station	1,416	2,959			4,375	
Benefits - Interplant Force Main	0	5,073		5,073		
Benefits - Chemical Feed Building	0	1,268	1,268			
Pretreatment Program						3,620
R & M - East Bayshore System Lift Stations					20,700	
R & M - East Bayshore Force Main					1,200	
R & M - East River Lift Station					39,550	
R & M - GBMSD Interceptors - Field Services				50,000		
R & M - GBMSD Interceptors - Engineering				125,000		
R & M - Old Plank Lift Station					3,800	
R & M - Interplant Force Main				7,400		
R & M - GBMSD Meter Stations			67,635			
R & M - Chemical Feed Building			1,580			
Phones - Meter/Lift Stations			31,160			
Phones - Chemical Feed Building			0			
Power - Meter Stations			11,150			
Power - Chemical Feed Building			1,600			
Power - Old Plank Lift Station					1250	
Power - East Bayshore Lift Stations					25,250	
Power - East River Lift Station					34,000	
Water - East River Lift Station					1,600	
Chemicals - Old Plank Lift Station					4,000	
Chemicals - De Pere Conveyance					46,000	
Chemicals - Chemical Feed Building					9,200	
Chemicals - Bayshore Interceptor					23,600	
Total			\$251,196	\$328,746	\$356,027	\$164,688

NEW Water
Green Bay Metropolitan Sewerage District
2016 Budget - Adopted December 2, 2015
Salaries and Benefits before Distribution

Description	Commission	Business Services	Laboratory Services	Treatment	Maintenance	Engineering	Information Technology	Field Services	Environmental Programs	Total
Gross Salaries	\$2,500	\$993,668	\$464,138	\$1,771,891	\$1,729,027	\$503,526	\$484,928	\$728,864	\$403,352	\$7,081,894
Long Term Disability	0	4,884	2,574	10,137	9,466	3,501	2,896	3,875	2,024	39,357
Dental Insurance	0	7,536	4,091	16,925	20,563	5,986	5,685	5,986	2,497	69,269
Health Insurance	0	167,568	75,240	308,112	375,240	99,216	85,440	143,592	47,952	1,302,360
Life Insurance	0	3,172	1,105	4,855	6,730	2,337	2,159	1,853	1,083	23,294
Wisconsin Retirement	0	60,408	29,513	118,826	110,610	39,557	33,129	46,648	22,791	461,482
FICA & Medicare	191	71,060	35,507	141,761	132,271	46,415	38,866	55,758	30,856	552,685
Worker's Compensation	5	3,253	11,279	45,326	42,015	10,357	965	17,711	2,658	133,569
Uniforms	0	0	1,320	9,444	13,548	0	0	2,945	0	27,257
Employee Assistance	0	3,024	0	0	0	0	0	0	0	3,024
Wellness Program	0	0	0	45,128	0	0	0	0	0	45,128
Totals	\$2,696	\$1,314,573	\$624,767	\$2,472,405	\$2,439,470	\$710,895	\$654,068	\$1,007,232	\$513,213	\$9,739,319

Note: Engineering, Treatment and Information Technology Salaries were decreased by \$220K for re-allocation of salaries to Solids Management Capital Loan Amount.

NEW Water
Green Bay Metropolitan Sewerage District
2016 Budget - Adopted December 2, 2015
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	\$993,668	\$464,138	\$1,771,891	\$1,672,263	\$503,526	\$484,928	\$317,290	\$403,352	\$6,613,556
Long Term Disability	0	4,884	2,574	10,137	9,150	3,501	2,896	1,587	2,024	36,753
Dental Insurance	0	7,536	4,091	16,925	20,008	5,986	5,685	1,960	2,497	64,688
Health Insurance	0	167,568	75,240	308,112	364,801	99,216	85,440	67,904	47,952	1,216,233
Life Insurance	0	3,172	1,105	4,855	6,543	2,337	2,159	499	1,083	21,753
Wisconsin Retirement	0	60,408	29,513	118,826	106,912	39,557	33,129	8,113	22,791	419,249
FICA & Medicare	191	71,060	35,507	141,761	127,929	46,415	38,866	33,669	30,856	526,253
Worker's Compensation	5	3,253	11,279	45,326	40,944	10,357	965	12,265	2,658	127,052
Uniforms	0	0	1,320	9,444	13,548	0	0	2,945	0	27,257
Employee Assistance	0	3,024	0	0	0	0	0	0	0	3,024
Wellness Program	0	0	0	45,128	0	0	0	0	0	45,128
Totals	\$2,696	\$1,314,573	\$624,767	\$2,472,405	\$2,362,098	\$710,895	\$654,068	\$446,232	\$513,213	\$9,100,947

Note: Engineering, Treatment and Information Technology Salaries were decreased by \$220K for re-allocation of salaries to Solids Management Capital Loan Amount.

NEW Water
Green Bay Metropolitan Sewerage District
2016 Budget - Adopted December 2, 2015
Employees Headcount Report

<u>Divisions and Department</u>	<u>PROPOSED 2015 BUDGET HEADCOUNT</u>	<u>PROPOSED 2016 BUDGET HEADCOUNT</u>
Business Services including Non-Departmental *	12	12
Laboratory Services	7	7
Treatment including Health and Safety	26	26
Maintenance	23	24
Engineering	7	7
Information Technology	6	6
Field Services	9	9
Watershed Management	3	3
Regulatory Compliance	1	1
Total Headcount without Commissioners **	94	95
Commissioners	5	5
New Positions		

<u>Division</u>	<u>Department</u>	<u>2015 BUDGET</u>	<u>2016 BUDGET</u>
Technical Services	Engineering		
Technical Services	Engineering		
Technical Services	Engineering		
Environmental Programs	Laboratory		
Non-Departmental	Executive Director & HR	Payroll/HR Specialist	
Operations	Maintenance	Mechanic Apprentice	
Operations	Treatment	Warehouse Technician to Maintenance from Accounting	Asset Reliability Coordinator

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
Communication & Education	Field Services	Treatment	Regulatory Compliance	District Wide
Information Technology		Health and Safety	Laboratory	Executive Director & Human Resources
Support Services			Sustainability	

NEW Water
Green Bay Metropolitan Sewerage District
2016 Budget - Adopted December 2, 2015
OUT-OF-AREA TRAVEL - Outside EPA Region 5 (Wisconsin, Minnesota, Illinois, Ohio, Indiana, Michigan)

Title	Division	Event
Director of Business Services	Business Services	NACWA Legal Seminar, TBD
Accounting Manager	Business Services	IMA Conference, TBD
Communication & Education Coordinator	Business Services	PRSA, New York, NY
Information Technology Manager	Business Services	Microsoft Convergence, New Orleans, LA
System Technician - GIS	Business Services	ESRI GIS User Conference, Palm Springs, CA
Director of Technical Services	Technical Services	WEFTEC, New Orleans, LA
Project Manager	Technical Services	Thermal Oxidation Meeting, TBD
To be Determined	Operations	WEFTEC, New Orleans, LA
Maintenance Manager	Operations	SMRP Annual Conference, Jacksonville, FL
Director of Operations	Operations	WEFTEC, New Orleans, LA
Executive Director	Non-Departmental	NACWA Winter, San Diego, CA
Executive Director	Non-Departmental	NACWA Summer, Denver, CO
Executive Director	Non-Departmental	WEFTEC, New Orleans, LA
Commissioner	Non-Departmental	NACWA Summer, Denver, CO
Commissioner	Non-Departmental	NACWA Winter, San Diego, CA
Director of Environmental Programs	Environmental Programs	Wastewater Conference, TBD
Watershed Programs Manager	Environmental Programs	IAGLR, Canada
Water Resources Specialist	Environmental Programs	IAGLR, Canada
Analytical Chemist	Environmental Programs	PITCON, Atlanta, GA

**GREEN BAY METROPOLITAN SEWERAGE DISTRICT
2016 BUDGET: 5-YEAR CAPITAL INVESTMENT PLAN**

2016 Budget - Adopted	2016	2017	2018	2019	2020
MAJOR CAPITAL: WASTEWATER TREATMENT FACILITIES					
GBF: Disinfection System Upgrade	972,000	-	-	-	-
GBF: Blower System Efficiency Upgrade	-	-	-	400,000	2,413,000
GBF: R2E2 Solids Management Project	66,750,000	53,658,000	16,319,000	1,387,000	-
GBF: Metro & Mill Pumping and Plant Drain Systems Upgrades	-	-	240,000	3,480,000	1,620,000
GBF: Primary Clarifier Odor Control	-	-	250,000	2,750,000	-
GBF: Gravity Belt Thickener Replacement	-	-	-	-	400,000
DPF: Service Water System Rehabilitation/Replacement	-	-	160,000	2,160,000	-
DPF: Primary Substation & Emergency Generator	-	240,000	2,700,000	540,000	-
DPF: Blower Replacement Project	250,000	3,250,000	-	-	-
GBF & DPF: Clarifier Rehabilitation	-	-	400,000	2,160,000	2,160,000
GBF & DPF: Headworks Upgrades	-	-	-	-	400,000
Interplant Wastewater Force Main - Phase 2	-	360,000	3,960,000	-	-
GBF Phosphorus Upgrade	-	-	-	-	3,814,000
DPF Phosphorus Upgrade	-	-	-	-	1,384,000
TOTAL WASTEWATER TREATMENT FACILITIES	67,972,000	57,508,000	24,029,000	12,877,000	12,191,000
MAJOR CAPITAL: INTERCEPTORS					
Dutchman Creek Interceptor Upgrade & Rehabilitation	2,549,000	-	-	-	-
Scott Bayshore Interceptor Rehabilitation	704,000	-	-	-	-
Tunnel Interceptor Rehabilitations (QSI, ERI, EFRI, WFRI)	-	-	280,000	4,060,000	4,060,000
Ninth Street Interceptor Extension - American Drive	-	-	1,250,000	-	-
East Tower Drive Interceptor Rehabilitation - Phase 1	-	-	-	179,000	2,562,000
Bayview Interceptor Upsizing	-	-	-	130,000	1,430,000
Bayview Interceptor Replacement	-	3,629,000	-	-	-
Charles Street Interceptor Upsizing	-	37,000	499,000	-	-
TOTAL INTERCEPTORS, METER STATIONS & LIFT STATIONS	3,253,000	3,666,000	2,029,000	4,369,000	8,052,000
DEPARTMENT ANNUAL CAPITAL INVESTMENTS					
MAINTENANCE SECTION					
GBF: Replace MCC - Center Mechanical MCC-B2, -B2A, -B2B	-	616,000	-	-	-
GBF: Replace MCC - Administration Building ADP-1,-2; MCC-A1, -A2	-	308,000	-	-	-
GBF: Replace MCC - Compressor Building MCC-C1	-	-	-	171,000	-
DPF: Replace outdated MCCs	-	-	-	-	125,000
GBF: Replace Air Handling Units	215,000	263,000	214,000	217,000	312,000
GBF: Replace roof - Maintenance Building	1,100,000	-	-	-	-
DPF: Replace roof - Influent Pump Station	152,000	-	-	-	-
DPF: Replace roof - Service Building	-	-	57,000	-	-
DPF: Replace roof - Blower Building No. 2	-	-	178,000	-	-
Vehicle ID# 105 Replacement	-	-	35,000	-	-
Vehicle ID# 111 Replacement	-	-	-	-	40,000
IFM: Air Relief Vault Painting	-	55,000	-	-	-
DPF: Air Handling Unit Replacement	-	-	-	250,000	-
GBF: Power Roof Vent Replacement	-	-	-	375,000	-
DPF: Power Roof Vent Replacement	-	-	-	-	125,000
GBF: Tunnel Unit Heater Replacement Phase 1	-	-	50,000	-	-
GBF: Tunnel Unit Heater Replacement Phase 2	-	-	-	50,000	-
GBF: Tunnel Unit Heater Replacement Phase 3	-	-	-	-	50,000
GBF: Transformer Replacement Project	-	-	-	125,000	-
GBF: Administration Building Heat Loop Exchanger	-	150,000	-	-	-

GREEN BAY METROPOLITAN SEWERAGE DISTRICT
2016 BUDGET: 5-YEAR CAPITAL INVESTMENT PLAN

2016 Budget - Adopted	2016	2017	2018	2019	2020
Maintenance Section subtotal	1,467,000	1,392,000	534,000	1,188,000	652,000
INFORMATION TECHNOLOGY SECTION					
GBF: Wireless Network Communication Phase II	120,000	-	-	-	-
DPF: Wireless Network Communication	40,000	-	-	-	-
DPF: Fiber Optic Network Enhancement/Upgrade	60,000	-	-	-	-
GBF: Replace Headworks SLC Automation System	-	75,000	-	-	-
GBF: Replace PLC Input/Output Hardware	-	-	-	125,000	125,000
GBF: HR/Payroll Software System	-	-	50,000	-	-
GBF: & DPF: Time and Attendance System	-	-	40,000	-	-
GBF: Financial Software Replacement/Upgrade	-	-	250,000	-	-
GBF: Audio/Visual Rm Equipment Replacement	40,000	-	-	-	-
GBF & DPF: Telephone System	-	-	-	-	125,000
GBF: Campus Paging System	-	125,000	-	-	-
GBF & DPF: Disaster Recovery/Backup System	60,000	-	-	-	-
Information Technology Section subtotal	320,000	200,000	340,000	125,000	250,000
ENGINEERING SECTION					
Meter Station #1 Flow Tube and Flow Meter Replacement	-	-	-	90,000	-
DPF: Demolish Solids Building & MS11A	-	-	1,000,000	-	-
MS 6, 8, & 9 Rehabilitation	80,000	300,000	-	-	-
Annual Manhole Rehabilitation	50,000	50,000	50,000	50,000	-
Engineering Services Section subtotal	130,000	350,000	1,050,000	440,000	-
WATERSHED MANAGEMENT SECTION					
Environmental lands easement or title purchase - Pilot Demonstration Project	54,000	54,000	-	-	-
Watershed Management Section subtotal	54,000	54,000	-	-	-
FIELD SERVICES SECTION					
MS-05 Flow Tube Replacement	-	-	-	100,000	-
Lift Station alarm notification system	-	250,000	-	-	-
ERLS – Grinder system	-	-	-	-	250,000
Field Services Section subtotal	-	250,000	-	100,000	250,000
LABORATORY SERVICES SECTION					
Metals Lab: PE ICP	-	80,000	-	-	-
High Performance Liquid Chromatography	-	-	60,000	-	-
Laboratory Services Section subtotal	-	80,000	60,000	-	-
TOTAL ANNUAL CAPITAL INVESTMENTS	1,971,000	2,326,000	1,984,000	1,853,000	1,152,000
TOTAL CAPITAL INVESTMENTS	73,196,000	63,500,000	28,042,000	19,099,000	21,395,000

Green Bay Metropolitan Sewerage District
2016 Budget – Adopted 12-2-2015
Summary of Revenues and Expenses Legends

Revenues:

Favorable Revenue Variances: means more revenue than projected or budgeted. It is a positive occurrence to receive more revenues than anticipated.

Unfavorable Revenue Variances: means less revenue than projected or budgeted. It is usually a negative occurrence.

Municipal User Fees:	Volume, Biochemical Oxygen Demand, Suspended Solids, Phosphorus, Kjeldahl Nitrogen, Direct Charges and Hauled Waste
Mill User Fees:	Volume, Biochemical Oxygen Demand, Suspended Solids, Phosphorus, Kjeldahl Nitrogen, Direct Charges from Procter & Gamble, and Fox River Fiber
Mill Direct Charges:	Daily Sample Pickup and Laboratory Testing, Inspection, Monitoring, Dewatering, O&M, and Diggers Hotline
Mill Capital Charges:	Capital and Debt Service Charges
General Reserve Interest:	Interest Income from General Fund Accounts (unrestrictive funds) other than Investment Accounts
Other Revenues:	Rate Stabilization Offsets, Interest Income Offsets, Hauled Waste Truck Fees, Sampling, Laboratory Analysis, Yacht Club Lease, and Interceptor Cost Recovery Leases
Rate Stabilization Reserve Transfers:	A designated expense allocated to rate stabilization funds due to prior year collection or expenses designated to be funded by this reserve
Interceptor Cost Recovery (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. Annual repayments are sent to the municipalities. This transfer is to offset the debt payment of these interceptors

Green Bay Metropolitan Sewerage District
2016 Budget – Adopted 12-2-2015
Summary of Revenues and Expenses Legends

Plant and Equipment Replacement Fund Reserve Transfers (PERF): Designated capital expenses allocated to be funded by this reserve

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

Expenses:

***Favorable Expense Variances:** means less expense than budgeted or projected.*

***Unfavorable Expense Variances:** means more expenses than budgeted or projected.*

Salaries & Benefits: Salaries, Health, Dental, & Life Insurances, Retirement, Social Security, Fringe Benefits, Workers Compensation, Uniforms, Employee Referral Services, Long Term Disability, Wellness, Employee Assistance, and Uniforms

Power: All Power related for the facilities

Contracted Services: Contractors, Legal, Audits, Studies, Occupational Health, Custodial and Lawn Services, Environmental Programs, Sponsorship, Temporary Assistance, Recruitment, Consultants, Hazardous Waste Disposal, Class and Compensation, Household Hazardous Waste Disposal, 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 Equipments, Small Tools, Fuel for District Vehicles and Boats, Freight, Water, Fire Protection, Equipment Leases and Rentals

Chemicals: Sodium Hypochlorite and Bisulfite, Polymer, Ferric Chloride, Lime, and Laboratory Chemicals for the facilities

Natural Gas & Fuel Oil: Diesel, Fuel, Natural Gas for Generators, Incineration, and Heating for the facilities

Green Bay Metropolitan Sewerage District
2016 Budget – Adopted 12-2-2015
Summary of Revenues and Expenses Legends

Solid Waste Disposal:	Material (grit, screenings, ash, and dewatered sludge) hauled from GBMSD to landfill
Interceptor System:	Repair and Maintenance of Interceptors, Lift Stations, Meter Stations, Pretreatment, Power, Chemicals, Water, and Telephones
Office & Administrative:	Publishing, Postage, Data Processing, Employee Recognition, Public Information, Portable, Telephones, Safety Shoes and Glasses, Memberships and Dues, Publications and Subscriptions, Licenses and Permits, Meeting Expenses, Bank Service Charges, Bond Issuance Cost, Community Outreach, Education & Public Outreach (EPO)
Insurances:	Automobile, Property, Boiler and Machinery, Liability, Umbrella, Commercial Crime, and Public Officials
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 Fees
Travel and Meetings:	Travel Lodging, Transportation, Meals and Mileage Expenses
DNR Environmental Fees:	Annual Environmental Fee statement from the DNR, which includes: charges from our NR101 discharge (includes a charge for all pounds of parameters 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
2016 Budget – Adopted 12-2-2015
Summary of Revenues and Expenses Legends

Debt Service and Annual Capital

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 for less than a year expenses and completion
R2E2 Construction – Rate Stabilization:	An amount collected in advance of the debt service being due for the Solids Project to provide a transition to the overall rate impact on the financing for this project. The funds will be segregated and used to pay subsequent debt service on the Solids Project. The amount collected brings the overall 2013 rate increase to within the 9% amount estimated in the planning for the Solids Project (R2E2)