

Memo

To: Village Board
Fr: Craig Berndt
Re: GBMSD Presentation on Updates and 2016 Budget
Date: October 1, 2015

Mr. Tom Sigmund of GBMSD is presenting an update on current GBMSD activities and the proposed 2016 annual budget. Portions of the proposed 2016 budget and information from the latest commission meeting are attached. Some comments are noted below.

1. The initial proposed GBMSD rate increase of 9.4% has been reduced to a 6.2% municipal rate due debt payment changes. This will reduce the increase in the Allouez 2016 sanitary sewer rate from the initial projection. This is due to not having to pay principal on the WDNR Clean Water Fund debt during construction in 2016. Principal payment was included in the original budget.
2. The current GBMSD financial statement shows increased operating revenues compared to plan and decreased operating expenses. The net income is well above the planned income to date. This information supports a lower sanitary sewer rate for 2016.
3. It appears that the GBMSD sewer rate for 2017 should be a small cost increase (inflationary costs only) since the GBMSD debt payments should be adequately covered by the past sewer rate increases.
4. Note the memo on health insurance. GBMSD is considering a higher deductible health insurance (HSA) for 2017, but will not implement in 2016. The HSA could have been implemented in 2016 if properly planned and prepared for. This would have saved \$170,000 in the budget.
5. The memo on 2016 salaries is attached but the additional data referenced was not available. This topic probably warrants discussion.

In summary;

1. The years of 10% sewer rate increases should end with 2016. GBMSD rate increases after 2016 should be labor and materials cost increases only.
2. The Allouez sanitary sewer rate for 2016 will be revised based on the lower GBMSD sewer charge.
3. There are areas of GBMSD operations, such as health insurances and salary increases, that should be the focus of future cost savings efforts to be more equitable between GBMSD and the customer municipalities.

CAB
10/1/15

Memo

To: Village Board
Re: GBMSD's position on Update and 2016 Budget
Date: October 1, 2015

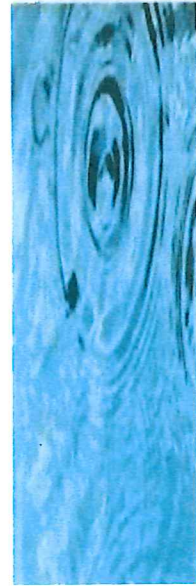
Mr. Tom Sigmond of GBMSD is presenting an update on current GBMSD activities and the proposed 2016 annual budget. A review of the proposed 2016 budget and information from the latest commitment meeting are attached. Some comments are noted below.

1. The initial proposed GBMSD rate increase of 9.4% has been reduced to a 3% increase and the debt payment charges. This will reduce the increase in the Village 2016 energy services from the initial proposal. This is due to not having to pay principal on the WDBR Clean Water Fund debt during construction in 2016. Principal payment was included in the original budget.
2. The current GBMSD financial statement shows increased operating revenues compared to plan and decreased operating expenses. The net income is well above the planned income to date. This information supports a lower energy sewer rate for 2016.
3. It appears that the GBMSD sewer rate for 2017 should be a small cost increase (probably less than 1%) since the GBMSD debt payments should be adequately covered by the past rate of rate increase.
4. While the income on health insurance (GBMSD) is considering a higher deductible health insurance (HSA) for 2017, but will not implement in 2016. The HSA could have been implemented in 2016 if properly planned and prepared for. This would have saved \$100,000 in the budget.
5. The proposed 2016 salaries are attached but the additional data self-insured was not available. This figure probably warrants discussion.

In summary:

1. The year of 10% rate increase should end with 2016. A 3% rate increase after 2016 should be later and materials cost the only increases.
2. The Village energy sewer rate for 2016 will be revised based on the latest GBMSD rate charges.
3. There are no other GBMSD operating services, health insurance, and other increases that should be the focus of future cost savings efforts to be more efficient between GBMSD and the customer municipalities.

cc: [illegible]

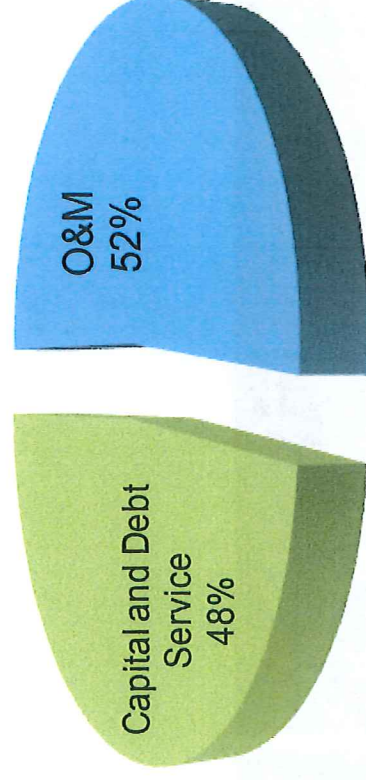


Proposed 2016 Budget



2016 Proposed Expenses

Budget Category	2015 Budget	2015 Projected	2016 Budget
Operations & Maintenance (O&M)	\$19,014,538	\$18,425,945	\$19,630,473
Debt Service and Annual Capital	\$16,312,247	\$16,639,346	\$18,464,983
Total Expenses	\$35,326,785	\$35,065,291	\$38,095,456





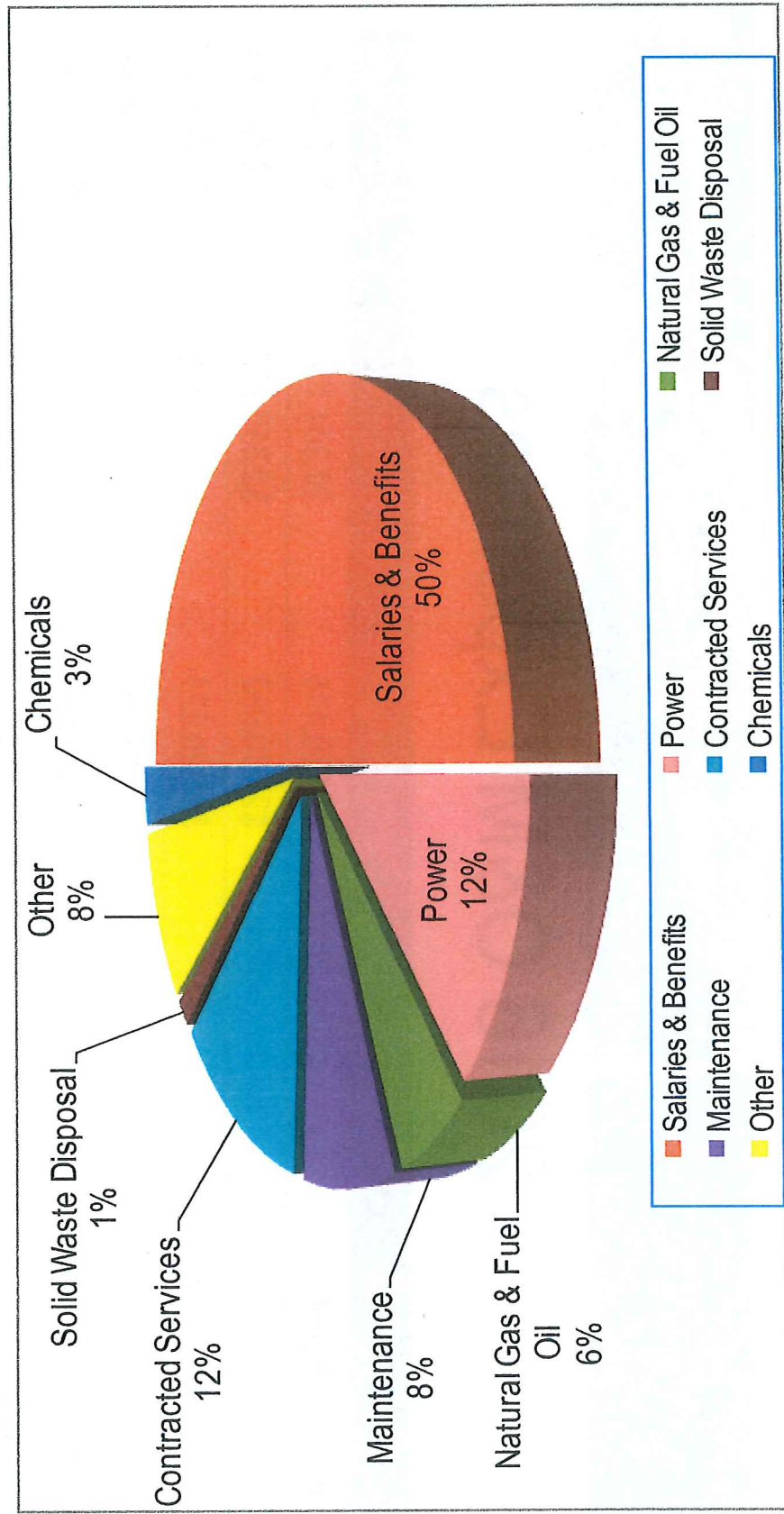
2016 O&M Expenses

Broad Categories	2015 Budget	2015 Projected	2016 Budget
Salaries & Benefits	\$9,630,415	\$9,364,124	\$9,814,233
Power	\$2,310,982	\$2,310,709	\$2,420,809
Natural Gas & Fuel Oil	\$1,229,821	\$1,109,608	\$1,083,515
Chemicals	\$587,696	\$454,795	\$546,867
Maintenance – Plant	\$1,542,043	\$1,650,774	\$1,574,392
Interceptors	\$578,512	\$548,675	\$514,305
Contracted Services	\$1,783,677	\$1,697,760	* \$2,327,326
Solid Waste Disposal	\$273,702	\$168,241	\$256,315
Insurance	\$208,271	\$200,410	\$202,995
Administrative	\$869,419	\$920,850	\$889,718
Total O&M Expenses	\$19,014,538	\$18,425,945	\$19,630,475

* \$450,000 of this cost to be offset by grants



2016 O&M Expense Distribution





R2E2 Capital Cost

- Principal on a Clean Water Fund Loan is not due until after Substantial Completion
- Interest only on money borrowed beginning with first draw until substantial completion
- Contract 34 debt service amount in 2016 budget will be interest only
- Contract 34 CWF loan benefits from \$10,776,348 borrowed at 0% interest



R2E2 Capital Cost (cont.)

- NEW Water collects debt service from customers in year prior to loan payment
- \$5,500,000 collected for R2E2 Rate Stabilization Reserve in 2016 will allow amount collected for R2E2 debt service to be at target amount without an increase in 2017 budget
- Collect full principal and interest on Contract 34 CWF loan beginning in 2017 budget



2016 R2E2 Capital Cost

Loan	2016 Debt Service Cost
Clean Water Fund Loan 4198-44	\$1,052,107
2013 G.O. Bond (interest only)	\$703,985
Clean Water Fund Loan 4198-99 (interest only)	\$3,165,207
R2E2 Rate Stabilization Reserve	\$5,500,000
Total	\$10,421,299



Estimated Reserve Status

	PERF	ICR*	Debt Service*	Rate Stabilization**
12/31/2014	\$7,043,613	\$32,764,297	\$22,056,912	\$2,685,105
12/31/2015	\$7,984,000	\$32,991,000	\$28,103,000	\$11,250,000
12/31/2016	\$8,118,000	\$29,236,000	\$34,349,000	\$15,258,000

**Includes restricted amount from customer pre-payment of debt*

***Includes rate stabilization collected for R2E2 Project*



2016 Revenues

Broad Categories	2015 Budget	2015 Projected	2016 Budget
Municipal User Fees	\$29,636,171	\$30,957,725	\$32,526,908
Mill User Fees	\$1,275,465	\$1,144,598	\$1,265,362
Mill Direct Charges	\$110,782	\$70,629	\$109,775
Mill Capital Charges	\$945,617	\$945,617	\$1,236,953
General Reserve Interest	\$4,303	\$2,430	\$4,442
Other Revenues	\$353,737	\$441,568	* \$844,152
Rate Stabilization Reserve Transfers	\$0	\$0	\$0
ICR Reserve Transfers	\$3,000,710	\$3,000,710	\$2,107,863
General Fund Transfers	\$0	(\$1,497,987)	\$0
Total Revenues	\$35,326,785	\$35,065,291	\$38,095,455

* \$450,000 in grants for Adaptive Management



2016 Municipal Rate

Parameter	2015 Rate	2016 Rate	% Change
Total Combined Rate (1,000 gals)	\$2.8973	\$3.0767	6.2%
Volume (1,000 gals)	\$0.8045	\$0.7898	(1.8)%
Biochemical Oxygen Demand (lbs)	\$0.3933	\$0.4318	9.8%
Suspended Solids (lbs)	\$0.3482	\$0.4154	19.3%
Phosphorus (lbs)	\$0.5677	\$0.6056	6.7%
Total Kjeldahl Nitrogen (lbs)	\$0.6536	\$0.6401	(2.1)%
Fixed Charge	\$0.5266	\$0.5462	3.7%



2016 Budget Summary

- Recommend a 6.2% increase in the combined municipal rate to \$3.077 per thousand gallons
- O&M expenses increased by 3.2% over 2015 budget
- WPS 6.6% electricity rate increase (request 9.4%)
- 11.9% increase in capital cost over 2015 budget
- Offsetting most interceptor debt service using ICR reserve



Memorandum

TO: Commission
Tom Sigmund

FROM: Kelly Heimerman

DATE: September 24, 2015

SUBJECT: 2015 August Financial Statements

Please find attached the Financial Statements for your review.

Operating Revenues

- August's operating revenues were favorable to budget by \$331K or 13% due mainly to other revenues from septage and favorable loads and flow volumes.
- Year-to-date 2015, total operating revenues were favorable to budget by \$1.3M or 6% from other revenues from septage.

Operating Expenses

- August's operating expenses were unfavorable to budget by \$13K or 1% from chemicals, power and office related expenses.
- August's unfavorable operating expenses were offset by favorable results compared to budget due to lower expenditures than budgeted from plant maintenance and salaries and benefits.
- Year-to-date 2015, total operating expenses were favorable to budget by \$764K or 6% from:
 - Salaries and benefits from vacant positions (one vacant in August) and workers' compensation refunds of \$57K due to low mod factor and annual audit.
 - Less usage of chemicals compared to budget and timing of polymer loads.
 - Natural gas and fuel oil from less gas used in heating and incineration at the Green Bay Facility than projected.
 - Interceptor maintenance less than budgeted due to timing.

Net Income

The net income for the month of August was \$374K from operating income (Operating Revenues less Operating Expenses).

Reporting and Information

The Operating Revenue and Expense graphs, and the Income Statement and Statements of Net Position Legends are attached.

No Commission action is required.

NEW Water
Green Bay Metropolitan Sewerage District
INCOME STATEMENT
For the Eight Months Ending August 31, 2015

	Current Month			Year to Date			
	Budget 2015	Actual 2015	Budget vs. Actual Favorable/ (Unfavorable)	Budget 2015	Actual 2015	Budget vs. Actual Favorable/ (Unfavorable)	Actual 2014
Operating Revenues							
User Fees - Municipal Waste	\$ 2,346,142	\$ 2,498,349	\$ 152,207	\$ 19,881,767	\$ 19,856,619	\$ (25,148)	\$ 19,653,412
User Fees - Mill Waste	110,682	121,129	10,447	831,699	767,173	(64,526)	860,537
Capital - Mills	-	-	-	1,120,088	1,114,945	(5,143)	1,056,883
Other Revenues	56,764	225,279	168,515	556,728	1,953,371	1,396,643	1,583,452
Total Operating Revenues	\$ 2,513,588	\$ 2,844,757	\$ 331,169	\$ 22,390,282	\$ 23,692,108	\$ 1,301,826	\$ 23,154,284
Operating Expenses							
Salaries	\$ 602,593	\$ 589,691	\$ 12,902	\$ 4,625,645	\$ 4,537,818	\$ 87,827	\$ 4,410,471
Benefits	227,282	206,079	21,203	1,762,866	1,593,780	169,086	1,710,878
Employee Development	19,509	11,899	7,610	99,811	70,859	28,952	67,792
Travel and Meetings	2,146	9,499	(7,353)	51,560	44,149	7,411	32,355
Power	186,361	221,997	(35,636)	1,590,653	1,590,954	(301)	1,602,661
Natural Gas & Fuel Oil	54,219	43,738	10,481	836,537	730,924	105,613	1,000,343
Chemicals	64,464	111,752	(47,288)	464,536	333,159	131,377	393,206
Maintenance - Plant	97,572	54,422	43,150	986,962	943,849	43,113	861,155
Maintenance - Interceptors	27,535	17,192	10,343	251,734	175,001	76,733	134,621
Contracted Services	166,882	167,014	(132)	1,337,910	1,294,913	42,997	1,275,669
Insurance	17,493	16,611	882	138,299	133,967	4,332	135,691
Solid Waste Disposal	22,380	14,484	7,896	180,489	107,194	73,295	162,523
Office Related Expenses	19,364	51,744	(32,380)	274,310	324,086	(49,776)	240,487
Supplementary Expenses	26,611	31,048	(4,437)	295,422	251,809	43,613	209,449
(See Legend)							
Total Operating Expenses	\$ 1,534,411	\$ 1,547,170	\$ (12,759)	\$ 12,896,734	\$ 12,132,462	\$ 764,272	\$ 12,237,301
Operating Income	\$ 979,177	\$ 1,297,587	\$ 318,410	\$ 9,493,548	\$ 11,559,646	\$ 2,066,098	\$ 10,916,983
Non-Operating Revenues and Expenses							
Investment Income	\$ 45,906	\$ 60,049	\$ 14,143	\$ 486,722	\$ 656,189	\$ 169,467	\$ 407,166
Depreciation	(617,011)	(617,011)	-	(4,936,092)	(4,936,088)	-	(4,545,832)
Gain (Loss) on Disposal of Fixed Assets	-	-	-	-	-	-	3,707
Interest Expense	(468,045)	(366,508)	101,537	(3,744,363)	(2,605,305)	1,139,058	(2,114,440)
Total Non-Operating Revenues and Expenses	\$ (1,039,150)	\$ (923,470)	\$ 115,680	\$ (8,193,733)	\$ (6,885,204)	\$ 1,308,529	\$ (6,249,399)
Net Income (Loss)	\$ (59,973)	\$ 374,117	\$ 434,090	\$ 1,299,815	\$ 4,674,442	\$ 3,374,627	\$ 4,667,584

Note: Please reference attached legends by categories.



Memorandum

TO: Commission
Tom Sigmund

FROM: Trisha Brown

DATE: September 22, 2015

SUBJECT: Commission Approval of the 2016 Health Insurance Plan and Premium Sharing

Staff is requesting Commission action on the 2016 Wisconsin Public Employers (WPE) Group Health Insurance program for local government employee's premium sharing and program option. The state has designated October 5 – 30, 2015 as the open enrollment period.

Background

NEW Water has participated in the WPE Group Health Insurance HMO since 2004. Employees currently participate in three of the seven state qualified plans available in Brown County in 2015. The plans are Anthem Blue Northeast, Network Health Plan, and United HealthCare NE with 94% of employees participating in Anthem Blue Northeast.

Staff has reviewed the health plans and WPE program options available to NEW Water in 2016. Dean Health Insurance – Prevea 360 is now the lowest cost health plan available to NEW Water although the monthly premium is less than \$1.00 per month compared to Anthem Blue Northeast. Due to the minimal cost difference and the fact that the majority of employees currently participate in the Anthem plan, all cost comparisons and premium sharing calculations are based off the Anthem premiums.

New for 2016, WPE has eliminated the Uniform Dental Benefits from the individual health plans and are offering dental benefits as a stand-alone benefit through Delta Dental of Wisconsin. After careful comparison with NEW Water's current level of dental benefits provided by Lincoln Financial, it was determined that the coverage offered through WPE is not sufficient enough to provide the level of coverage that a typical employer sponsored dental plan offers and would result in a decreased level of benefit to its employees. In addition, the dental agreement made with Lincoln Financial for 2015 included a two year rate guarantee that runs through December 31, 2016.

As a result of the change in dental coverage, WPE has expanded its program options from four to eight. This reflects the same four program options offered in 2015 and four new plans that duplicate the same four options but include the dental benefits. As in 2015, the High Deductible Health plan is the lowest cost program offered through WPE for 2016. The HDHP option has a \$1,500 single and \$3,000 family deductible. The \$500 single and \$1,000 family deductible plan, which is NEW Water's current HMO program option, is the next lowest cost option, but is approximately 14.8% higher than the HDHP plan. The annual cost savings of the HDHP compared to the current HMO plan to NEW Water based on budgeted enrollment and proposed cost sharing is \$171,336.

Although the HDHP option is the lowest cost plan to NEW Water, the migration to this plan will result in a greater at-risk cost to employees. The HDHP deductible is higher by \$1,000 for the single plan and \$2,000 for the family plan. In addition, a single plan would incur an additional \$1,000 at-risk cost for 90/10 coinsurance after the deductible is met while a family plan would incur an additional \$2,000 at-risk cost for 90/10 coinsurance. While the annual employee premium cost savings would be \$145.20 for the single plan and \$375.60 for the family plan, the additional at-risk cost is \$2,000 for single and \$4,000 for family. The difference between the total of the increased deductible and coinsurance and the premium cost savings calculates to an annual at-risk employee cost of \$1,854.80 for a single plan and \$3,624.40 for a family plan.

As noted last year, typically when an employer transitions to an HDHP plan, the premium savings due to the higher deductible provides the employer with the opportunity to contribute dollars to a Health Savings Account (HSA) for each employee. The HSA contribution helps to minimize the additional at-risk cost of the higher deductible and out of pocket costs to employees. The following table illustrates employer contribution of \$1,000 for a single plan and \$2,000 for a family plan to an HSA and how it affects overall costs to NEW Water and the employees.

HDHP with HSA Contribution

Health Plan	2016 Annual Premium HMO \$500/\$1000 (14% EE Share)	2016 Annual Premium HDHP \$1500/\$3000 (14% EE Share)	Annual Premium Savings	NEW Water HSA Contribution
NEW Water Single	\$6,888	\$6,000	\$888	\$1,000
NEW Water Family	\$17,088	\$14,880	\$2,208	\$2,000
Employee Single	\$1,099	\$954	\$145	
Employee Family	\$2,774	\$2,399	\$375	
HDHP Annual Cost Savings to NEW Water			\$171,336	
HSA Annual Cost to NEW Water				\$163,000
Final Cost Savings to NEW Water				\$8,336

In this example, while NEW Water would realize an overall annual cost savings of \$8,336, employees would assume additional at-risk cost of \$855 for a single plan and \$1,624 for a family plan.

For 2016, staff has concluded that the cost savings of transitioning to an HDHP plan and providing an employer contribution to an HSA is not warranted at this time due to the additional at-risk cost assumed by employees due to the increased deductible and out of pocket limits. It is important to note, however, that the overall cost savings of the HDHP plan has increased to almost 15% from 2015 to 2016. Assuming that this trend will continue for HDHP plans, staff recommends that an educational plan be developed for 2016 to prepare employees for the transition to an HDHP in 2017 if premium cost savings warrant the transition.

The cost comparisons identified throughout this memo have all been based on a 14% employee premium cost share of the Anthem Blue Northeast health plan. The employee's premium cost share for 2015 is currently 12%. This increase in the employee cost share brings NEW Water in line with the market and provides a cost savings to NEW Water of \$31,218 for 2016.

Also new for 2016, the state will now allow local employers to provide an opt-out incentive to employees who chose not to participate in the health plan. Previously, only state employers were given this opportunity. Local employers are not required to replicate the state opt-out components and therefore are able to design and administer their own opt-out program. The opt-out option incentivizes those employees who may have an alternative health plan option, typically through a spouse's employer, to cancel coverage which reduces overall health insurance costs to NEW Water. The following table illustrates the cost savings to NEW Water utilizing recommended incentives and the 2016 proposed annual cost for the single plan of \$6,888 and the family plan of \$17,088:

Opt-out incentive	Annual Cost Savings to NEW Water per employee exercising opt-out option
Single Plan - \$1,000	\$5,888
Family to Single Plan - \$1,500	\$8,700
Family Plan - \$2,500	\$14,588

As there is no way of knowing if any NEW Water employees will opt-out of the health plan for 2016, the budget does not reflect any cost savings.

Budget Impact

The following table compares the annualized total budget impact for 2013 through 2016. The 2016 budget reflects the continuation of the \$500/\$1,000 deductible HMO plan and the increase in employee premium share to 14%. This reflects a total reduction in NEW Water's health insurance expense of 1.4% compared to the 2015 budget. For the past three years, NEW Water has continued to decrease the overall health insurance expense by transferring more cost share to the employee which is consistent with market conditions.

Annualized Budget Impact

Budget Year	Amount Budgeted	% Budget Decrease (Increase) from prior year
2016	\$1,326,072	1.4%
2015	\$1,344,926	8.3%
2014	\$1,466,493	3.6%
2013	\$1,520,797	(24.8%)

The table below is a historical summary of employee premium sharing since 2013, including the proposed 2016 employee premium sharing.

Historical Summary of Monthly Employee Premium Sharing						
	Anthem Blue Northeast		Network Health Plan		United HealthCare NE	
	Single	Family	Single	Family	Single	Family
2016	\$91.60	\$231.20	\$134.00	\$337.20	\$269.70	\$676.40
2015	\$78.00	\$194.00	\$138.20	\$344.50	\$256.40	\$640.00
2014	\$60.00	\$150.00	\$109.80	\$274.50	\$161.20	\$403.00
2013			\$40.00	\$95.00	\$63.10	\$252.70

Recommendation

Staff recommends Commission approval to continue with the \$500/\$1,000 deductible HMO option and to contribute \$574 of the monthly single health insurance premium and \$1,424 of the monthly family health insurance premium with the remainder of the premium paid by the participating employee. In addition, staff recommends the implementation of an opt-out program providing annual incentive payments of \$1,000, \$1,500, and \$2,500 based on opt-out option.

Commission Action

Request Commission approval to continue with the \$500/\$1,000 deductible HMO program option and to set the NEW Water health insurance premium sharing in 2016 for full-time employees at \$574 per month for single plan coverage and \$1,424 per month for family plan coverage.

Request Commission approval to develop and implement an opt-out program that provides incentive payments of \$1,000, \$1,500, and \$2,500 for employees opting out of the single plan, opting from the family to single plan, and opting out of the family plan, respectively.



Memorandum

TO: Commission
Tom Sigmund

FROM: Trisha Brown

DATE: September 22, 2015

SUBJECT: 2016 Salary Market Adjustment

Background

Annually, NEW Water requests a review of relevant salary market data and pay plan projections from its compensation consultant, Carlson Dettmann Consulting LLC. Approximately every four years, a comprehensive study to benchmark most NEW Water positions is conducted while in interim years, mini-surveys are administered to maintain competitive market position from year to year. The last comprehensive study was completed in 2011. Earlier this year, a comprehensive review was completed engaging 30 different salary market data resources which matched 46 NEW Water job titles.

Attached to this memo is the 2015 Compensation Study Project Report that includes the findings and recommendations and various exhibits supporting the recommendations made by the consultant.

An employee briefing was held on September 22, 2015 to inform staff of the recommendation to the Commission. The briefing also provided a brief overview of NEW Water's pay philosophy and historical commitment to maintain a competitive market position in regards to the salary structure.

Recommendation

Based on the results of the survey data, staff recommends acceptance of the consultant's recommendation to hold the 2015 ranges for pay grades 5 through 9 and to adjust the ranges for pay grades 10 through 17 per Exhibit 6 of the project report for 2016.

Commission Action

Request Commission approval to hold 2015 ranges for pay grades 5 through 9 and to adjust ranges for pay grades 10 through 17 based on the consultant's recommendation.

Attachment

2016
Draft Budget
August 26, 2015

NEW Water
GREEN BAY METROPOLITAN SEWERAGE DISTRICT
2016 Budget - First Budget Workshop 08-26-2015
TABLE OF CONTENTS

PRELIMINARY DRAFT 8/20/2015

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 Operating & 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 - First Budget Workshop 08-26-2015
DATES AND EVENTS
PRELIMINARY DRAFT 8/20/2015

Wednesday, July 22, 2015

First Discussion of 2016 Budget with Commission

Wednesday, August 26, 2015

2016 Budget First Budget Workshop

September 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, October 28, 2015

2016 Budget Third Budget Workshop as needed

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 - First Budget Workshop 08-26-2015

Municipal Rate Comparison
PRELIMINARY DRAFT 8/20/2015

Parameter	2015 COS Rate (FRF Adjusted)	2016 COS Rate (FRF Adjusted)
Volume (1,000 GALS)	\$0.80448	\$0.81048
Biochemical Oxygen Demand (LBS)	\$0.39331	\$0.44741
Suspended Solids (LBS)	\$0.34822	\$0.43417
Phosphorus (LBS)	\$0.56768	\$0.62557
Total Kjeldahl Nitrogen (LBS)	\$0.65358	\$0.65653
Fixed Charge	\$0.52659	\$0.56262
Total Combined Rate (1,000 GALS)	\$2.89731	\$3.17994

Procter & Gamble Rate Comparison

Parameter	2015 COS Rate (FRF Adjusted)	2016 COS Rate
Volume (1,000 GALS)	\$0.52549	\$0.53447
Biochemical Oxygen Demand (LBS)	\$0.26270	\$0.26076
Suspended Solids (LBS)	\$0.19420	\$0.18714
Phosphorus (LBS)	\$0.40750	\$0.39177
Total Kjeldahl Nitrogen (LBS)	\$0.50956	\$0.50192

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	\$0.60977
Biochemical Oxygen Demand (LBS)	0.38082	\$0.43471
Suspended Solids (LBS)	0.33967	\$0.42512
Phosphorus (LBS)	0.55008	\$0.60648
Total Kjeldahl Nitrogen (LBS)	0.63145	\$0.63210

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

NEW Water
Green Bay Metropolitan Sewerage District
2016 Budget - First Budget Workshop 08-26-2015
Summary of Revenues and Expenses PRELIMINARY DRAFT 8/20/2015

	2014 Budget	2014 Actual	2015 Budget	% of Overall Expenses	Projected 2015 Year End	Favorable/(Unfavorable) Variance	2016 Budget	% of Overall Expenses	Favorable/(Unfavorable) Variance	2015 & 2016 Budget
Revenues										
Municipal User Fees	\$ 27,894,196	\$ 31,035,943	\$ 29,636,171	83.9%	\$ 29,705,503	\$ 69,332	\$33,609,638	85.7%	\$3,973,487	13.4%
Mill User Fees	1,278,729	1,249,018	1,275,465	3.6%	1,250,935	(24,530)	\$1,276,095	3.3%	630	0.0%
Mill Direct Charges	116,054	95,787	110,782	0.3%	57,216	(53,566)	111,088	0.3%	306	0.3%
Mill Capital Charges	1,534,112	1,534,112	945,617	2.7%	945,617	-	1,286,112	3.3%	340,495	36.0%
General Reserve Interest	5,540	2,411	4,303	0.0%	3,260	(1,043)	4,485	0.0%	182	4.2%
Other Revenues (3)	316,035	494,075	353,737	1.0%	247,497	(106,240)	844,152	2.2%	490,415	138.6%
	\$ 31,144,665	\$ 34,411,346	\$ 32,326,076	91.5%	\$ 32,210,028	\$ (116,047)	\$ 37,131,590	94.6%	\$ 4,805,515	14.9%
PERF Reserve Transfers										
DEBT and ICR Reserve Transfers	-	-	-	0.0%	-	-	-	-	-	0.0%
Transfer From Rate Stabilization Fund	2,622,830	2,622,830	3,000,710	8.5%	3,000,710	-	2,107,863	5.4%	(892,847)	-29.8%
General Fund Transfers	-	(4,433,376)	-	0.0%	(285,987)	(285,987)	-	0.0%	-	0.0%
	\$ 2,622,830	\$ (1,810,546)	\$ 3,000,710	8.5%	\$ 2,714,723	\$ (285,987)	\$ 2,107,863	5.37%	\$ (892,847)	-29.8%
Total Revenues	\$ 33,767,495	\$ 32,600,800	\$ 35,326,785	100.0%	\$ 34,924,751	\$ (402,034)	\$ 39,239,453	100.0%	\$ 3,912,668	11.1%
Expenses										
Salaries & Benefits	\$ 9,626,812	\$ 9,507,999	\$ 9,630,415	27.3%	\$ 9,538,685	\$ 91,730	\$ 10,000,413	25.49%	(369,998)	-3.8%
Power	2,481,056	2,305,933	2,310,982	6.5%	2,266,576	44,406	2,420,809	6.17%	(109,827)	-4.8%
Contracted Services	1,851,641	1,760,813	1,783,677	5.1%	1,663,417	120,260	2,327,326	5.93%	(543,649)	-30.5%
Maintenance & Repairs	1,613,648	1,447,452	1,542,043	4.4%	1,631,302	(89,259)	1,564,392	3.99%	(22,349)	-1.4%
Chemicals	624,910	586,295	587,696	1.7%	438,599	149,097	546,867	1.30%	40,829	6.9%
Natural Gas & Fuel Oil	1,339,918	1,412,685	1,229,821	3.5%	1,149,550	80,271	1,083,515	2.76%	146,306	11.9%
Solid Waste Disposal	276,028	224,172	273,702	0.8%	228,725	44,977	256,315	0.65%	17,387	6.4%
Interceptor System (1)	574,549	398,276	578,512	1.6%	543,420	35,092	528,502	1.35%	50,010	8.6%
Office & Administrative	362,158	294,994	358,743	1.0%	392,967	(34,224)	419,671	1.07%	(60,928)	-17.0%
Insurance	207,597	203,471	208,271	0.5%	203,106	5,165	202,995	0.52%	5,276	2.5%
Supplies	154,004	164,864	160,128	0.5%	132,620	27,508	130,626	0.33%	29,502	18.4%
Employee Training & Development	126,323	114,595	123,913	0.4%	113,793	10,120	123,078	0.31%	835	0.7%
Travel and Meetings	75,230	49,085	71,635	0.2%	68,061	3,574	71,343	0.18%	292	0.4%
DNR Environmental Fees	155,000	143,118	155,000	0.4%	155,000	-	145,000	0.37%	10,000	6.5%
Total O & M Expenses	\$ 19,468,874	\$ 18,613,751	\$ 19,014,538	53.8%	\$ 18,525,820	\$ 488,718	\$ 19,820,851	50.51%	\$ (806,313)	-4.2%
Debt Service (2)										
Annual Capital	\$ 9,852,572	\$ 9,852,572	\$ 12,751,248	36.1%	\$ 12,751,248	-	\$ 16,347,602	41.7%	(\$3,596,354)	-28.2%
R2E2 Construction (Rate Stabilization)	2,009,400	1,697,827	2,132,851	6.0%	2,219,536	(86,685)	1,971,000	5.0%	161,851	7.6%
Total Debt Service, Annual Capital & Rate Stabilization	\$ 14,298,621	\$ 13,987,049	\$ 16,312,247	46.2%	\$ 16,398,931	\$ (86,685)	\$ 19,418,602	49.5%	\$ (3,106,355)	-19.0%
Total Expenses	\$ 33,767,495	\$ 32,600,800	\$ 35,326,785	100.0%	\$ 34,924,751	\$ 402,034	\$ 39,239,453	100.0%	\$ (3,912,668)	-11.1%

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 - First Budget Workshop 08-26-2015
Flow and Load Projections - with FFE 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	
4,870,000	4,870,000	\$3,947,880	6,359,401	\$2,845,490	6,289,129	\$2,730,673	185,419	\$116,007	1,434,033	\$941,618	40.02%	\$2,355,267	\$12,936,954
1,262,000	1,262,000	\$1,023,044	4,756,000	\$2,128,054	2,343,000	\$1,017,306	39,500	\$24,713	308,000	\$202,240	13.73%	\$908,399	\$5,203,755
348,000	348,000	\$212,198	1,300,000	\$565,125	1,075,000	\$457,006	31,500	\$19,104	220,000	\$139,063	6.04%	\$355,369	\$1,747,865
740,000	740,000	\$559,883	910,439	\$407,372	1,094,679	\$475,298	24,076	\$15,063	166,317	\$109,207	5.67%	\$334,002	\$1,940,826
1,427,500	1,427,500	\$1,157,207	2,241,110	\$1,002,776	2,460,558	\$1,068,348	68,689	\$42,975	331,999	\$217,998	12.93%	\$761,197	\$4,250,501
650,000	650,000	\$526,925	937,192	\$419,343	908,469	\$394,448	24,095	\$15,075	173,432	\$113,879	5.37%	\$316,267	\$1,785,937
118,500	118,500	\$96,062	203,157	\$90,902	167,537	\$72,743	4,222	\$2,641	30,918	\$20,301	1.00%	\$59,115	\$341,765
820,000	820,000	\$664,736	734,589	\$324,215	1,579,967	\$686,005	25,961	\$16,242	248,871	\$163,414	6.78%	\$390,647	\$2,253,659
113,000	113,000	\$91,604	26,551	\$11,880	33,485	\$14,559	3,440	\$2,152	14,196	\$9,321	0.51%	\$34,097	\$159,594
195,000	195,000	\$158,077	53,120	\$23,768	66,707	\$28,963	7,804	\$4,883	36,140	\$23,730	1.06%	\$62,212	\$301,635
192,500	192,500	\$156,051	482,850	\$216,049	470,944	\$204,479	12,250	\$7,664	72,446	\$47,570	2.40%	\$141,530	\$773,343
193,000	193,000	\$156,456	308,128	\$137,871	345,135	\$149,854	8,568	\$5,361	68,047	\$44,681	1.88%	\$110,728	\$604,950
94,000	94,000	\$76,201	161,595	\$72,305	238,737	\$103,657	4,722	\$2,954	37,475	\$24,607	1.00%	\$62,494	\$342,218
12,870	12,870	\$10,433	15,566	\$6,965	16,903	\$7,339	430	\$269	3,151	\$2,069	0.10%	\$5,772	\$32,847
90,000	90,000	\$72,959	83,770	\$37,483	92,460	\$40,145	2,441	\$1,527	19,768	\$12,980	0.50%	\$34,711	\$199,805
24,250	24,250	\$19,658	59,107	\$26,447	64,184	\$27,868	1,632	\$1,021	11,967	\$7,858	0.33%	\$19,332	\$102,184
15,120	15,120	\$12,257	20,554	\$9,197	22,320	\$9,691	567	\$355	4,161	\$2,732	0.13%	\$7,423	\$41,655
29,000	29,000	\$23,509	33,418	\$14,953	36,288	\$15,756	923	\$577	6,766	\$4,443	0.21%	\$12,535	\$71,773
19,500	19,500	\$15,808	29,499	\$13,199	32,035	\$13,908	814	\$509	5,972	\$3,921	0.18%	\$10,423	\$57,769
29,200	29,200	\$54,630	442,000	\$192,490	448,000	\$179,536	4,650	\$4,105	38,511	\$29,886	0.00%	\$0	\$460,645
11,243,440	11,243,440	\$9,075,580	19,148,046	\$8,545,883	17,785,535	\$7,697,561	451,703	\$283,197	3,232,170	\$2,121,520	100%	\$5,885,918	\$33,609,658
1,500,000	1,500,000	\$801,703	450,000	\$117,340	1,800,000	\$336,858	3,500	\$1,371	37,500	\$18,822	0.00%	\$0	\$1,276,095
1,500,000	1,500,000	\$801,703	450,000	\$117,340	1,800,000	\$336,858	3,500	\$1,371	37,500	\$18,822	0%	\$0	\$1,276,095
Grand Total													
Units	12,743,440	12,743,440			19,598,046		455,203		3,269,670				
Costs			\$9,877,283	\$8,034,419	\$284,568				\$2,140,342		\$5,885,918	\$0	\$34,885,753

NEW Water
Green Bay Metropolitan Sewerage District
2016 Budget - First Budget Workshop 08-26-2015
User Fees by Source PRELIMINARY DRAFT 8/20/2015

	2016 Budget	2015 Budget	Actual 2014	Actual 2013	Actual 2012
City of Green Bay	\$12,936,934	\$11,350,691	\$11,665,027	\$9,302,442	\$8,232,577
City of De Pere	5,203,755	4,760,820	5,936,369	6,337,668	5,418,387
Fox River Fiber *	1,747,865	1,155,458	N/A	N/A	N/A
Village of Allouez	1,940,826	1,738,347	3,550,124	1,485,641	1,228,407
Village of Ashwaubenon	4,250,501	4,046,707	1,680,020	3,167,739	3,067,970
Village of Bellevue	1,785,937	1,609,323	1,953,137	1,406,755	1,146,931
Village of Hobart	341,763	317,059	299,117	263,565	181,821
Village of Howard	2,253,659	1,838,756	202,835	1,571,810	1,734,545
Village of Luxemburg	159,594	137,131	1,508,969	118,683	112,277
Village of Pulaski	301,635	278,295	317,342	241,253	206,424
Village of Suamico	773,343	657,974	522,144	550,497	421,482
Town of Ledgeview Sanitary District #2	604,950	596,453	295,328	511,793	453,093
Town of Lawrence - Utility District	342,218	287,303	198,283	232,075	191,114
Pittsfield Sanitary District	32,847	39,120	641,215	31,338	28,461
Town of Scott Sanitary District #1	199,805	197,047	35,568	173,984	152,232
Dyckesville Sanitary District	102,184	69,151	58,437	56,679	46,494
New Franken Sanitary District	41,655	47,878	89,538	38,355	34,815
Royal Scott Sanitary District	71,773	85,110	69,362	70,969	53,548
Bayshore Sanitary District	57,769	54,715	43,026	45,661	34,843
Hauled Waste **	460,645	368,834	1,970,099	875,578	383,150
Total Municipal	\$33,609,658	\$29,636,171	\$31,035,940	\$26,482,485	\$23,128,571
Georgia-Pacific	\$0	\$0	\$0	\$0	\$0
Procter & Gamble	1,276,095	1,275,465	1,249,018	1,084,461	1,060,209
Total Mills	\$1,276,095	\$1,275,465	\$1,249,018	\$1,084,461	\$1,060,209
Total User Fees	\$34,885,753	\$30,911,637	\$32,284,958	\$27,566,946	\$24,188,780

NEW Water
Green Bay Metropolitan Sewerage District
2016 Budget - First Budget Workshop 08-26-2015
Municipal Cost of Service PRELIMINARY DRAFT 8/20/2015

	<u>Total</u>	<u>VOLUME</u> 1,000 gal	<u>BOD</u> pounds	<u>TSS</u> pounds	<u>PHOS</u> pounds	<u>TKN</u> pounds	<u>Fixed Charge</u> N/A
Unit Value							
Units (2)		11,214,240	18,706,046	17,337,535	447,053	3,193,659	11,214,240
Cost of Service							
Municipal							
Operating Cost	\$17,371,671	\$7,472,978.33	\$4,876,864.05	\$3,244,034.96	\$175,102.94	\$1,602,691.21	\$0
Pretreatment Cost Allocation	155,716	0	76,534	51,067	3,355	24,760	0
Capital Cost (2)	5,460,655	1,474,053	1,020,329	500,466	26,544	381,913	2,057,350
Solids Project	10,161,850	74,099	2,380,048	3,722,704	74,099	82,333	3,828,568
Total Cost	\$33,149,893	\$9,021,131	\$8,353,775	\$7,518,271	\$279,101	\$2,091,697	\$5,885,918
Unit Operating Cost		\$0.66638	\$0.26480	\$0.19006	\$0.39919	\$0.50959	\$0.00000
Unit Capital Cost		\$0.13805	\$0.18178	\$0.24359	\$0.22513	\$0.14536	\$0.56262
Unit Combined Cost (1)	\$3.17086	\$0.80444	\$0.44658	\$0.43364	\$0.62431	\$0.65495	\$0.56262
Fox River Fiber (FRF) Adjustment (3)	\$0.00908	\$0.00604	\$0.00082	\$0.00053	\$0.00126	\$0.00157	\$0.00000
Adjusted Unit Combined Cost	\$3.17994	\$0.81048	\$0.44741	\$0.43417	\$0.62557	\$0.65653	\$0.56262

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

(2) Excludes Hauled Waste flows and loads.

(3) FRF Adjustment removes interceptor costs.

	<u>UNIT COMBINED COST (1)</u>	<u>VOLUME</u>	<u>BOD</u>	<u>SS</u>	<u>PHOS</u>	<u>TKN</u>	<u>Fixed Charge</u>
BUDGET RATE HISTORY							
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	-
2012	\$2.14312	\$0.84274	\$0.26511	\$0.29365	\$0.48596	\$0.76674	-

NEW Water
Green Bay Metropolitan Sewerage District
2016 Budget - First Budget Workshop 08-26-2015
Hauled Waste Cost of Service PRELIMINARY DRAFT 8/20/2015

	<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	\$239,704	\$19,458	\$115,254	\$83,840	\$1,822	\$19,330	\$0
Pretreatment Cost Allocation	0	0	0	0	0	0	0
Capital Cost	76,920	33,316	23,061	11,311	600	8,632	0
Solids Project	143,142	1,675	53,793	84,139	1,675	1,861	0
Direct Charges	0	0	0	0	0	0	0
Total Cost	\$459,765	\$54,449	\$192,108	\$179,290	\$4,096	\$29,822	\$0

NEW Water
Green Bay Metropolitan Sewerage District
2016 Budget - First Budget Workshop 08-26-2015
Procter & Gamble Cost of Service PRELIMINARY DRAFT 8/20/2015

	<u>Total</u>	<u>VOLUME</u> 1,000 gal 1,500,000	<u>BOD</u> pounds 450,000	<u>TSS</u> pounds 1,800,000	<u>PHOS</u> pounds 3,500	<u>TKN</u> pounds 37,500	<u>Capital Charge</u> N/A 1,500,000
Unit Value							
Units							
Cost of Service							
Operating Cost	\$1,276,095	\$801,703	\$117,340	\$336,858	\$1,371	\$18,822	\$0
Pretreatment Cost Allocation	0	0	0	0	0	0	0
Capital Cost	317,930	0	0	0	0	0	317,930
Solids Project	968,181	0	0	0	0	0	968,181
Direct Charges	71,935	0	0	0	0	0	0
Total Cost	\$2,634,142	\$801,703	\$117,340	\$336,858	\$1,371	\$18,822	\$1,286,112
Unit Cost		\$0.53447	\$0.26076	\$0.18714	\$0.39177	\$0.50192	\$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 - First Budget Workshop 08-26-2015
Fox River Fiber Cost of Service PRELIMINARY DRAFT 8/20/2015

	<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	\$ 894,711	\$ 231,901	\$ 338,924	\$ 201,144	\$ 12,338	\$ 110,404	\$ -
Pretreatment Cost Allocation	10,427	-	5,319	3,166	236	1,706	-
Capital Cost	940,650	48,042	236,313	261,854	7,091	31,980	355,369
Solids Project	-	-	-	-	-	-	-
Subtotal Cost of Service	\$ 1,845,788	\$ 279,943	\$ 580,556	\$ 466,164	\$ 19,666	\$ 144,090	\$ 355,369
Direct Charges	39,153	-	-	-	-	-	-
Less FRF Adjustment	(97,923)	(67,745)	(15,431)	(9,158)	(562)	(5,027)	-
Total Cost	\$ 1,787,018	\$ 212,198	\$ 565,125	\$ 457,006	\$ 19,104	\$ 139,063	\$ 355,369
Unit Cost (New for 2015)		\$0.80444	\$0.44658	\$0.43364	\$0.62431	\$0.65495	6.038%
FRF Adjustment		(0.1947)	(0.0119)	(0.0085)	(0.0178)	(0.0228)	0.000%
Unit Cost (with FRF Adjustment)		\$0.60977	\$0.43471	\$0.42512	\$0.60648	\$0.63210	6.038%

NEW Water
GREEN BAY METROPOLITAN SEWERAGE DISTRICT
2016 Budget - First Budget Workshop 08-26-2015
Allocation of Capital and Debt Service Costs (1) PRELIMINARY DRAFT 8/20/2015

	Allocations		
	FY2016	Municipal	Procter & Gamble (1)
Debt Service			
Debt Service - Municipal Only			
Cleann 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) *	289,478	289,478	0
Bayview Interceptor Replacement 2017 (New)	108,864	108,864	0
Other General Obligation Debt			
2008 Sewerage System Improvement Bond	\$519,192	\$519,192	\$0
Total Debt Service - Municipal Only (2)	\$2,042,582	\$2,042,582	\$0
Debt Service - Common to All			
Cleann 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
Green Bay Facility Solids Management Plan Construction (R2E2) (2015 New) *	8,114,117	7,392,772	721,345
GBF: Disinfection System Upgrade (2015 New) *	182,665	172,330	10,335
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)	\$14,305,020	\$13,200,848	\$1,104,172
OFFSETS TO DEBT SERVICE PAYMENTS			
Georgia - Pacific - Capital Payment	\$ (463,623)	\$ (463,623)	\$ -
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	\$14,239,739	\$13,135,567	\$1,104,172
ANNUAL CAPITAL OUTLAY			
Regular			
2016 Requests - Allocated to All	\$1,841,000	\$1,746,803	\$94,197
2015 Requests - Allocated to Municipal from Rate Stabilization Reserve Offset	0	0	0
2016 Requests - Allocated to Municipal Only	130,000	130,000	0
Solids			
2015 Requests - Transfer to Rate Stabilization Fund	1,100,000	1,002,210	97,790
TOTAL ANNUAL CAPITAL OUTLAY	\$3,071,000	\$2,879,013	\$191,987
TOTAL ANNUAL CAPITAL AND DEBT SERVICE	\$17,310,739	\$16,014,580	\$1,296,159
Interest Income	(\$4,485)	(\$4,485)	\$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)	(\$182,061)	(\$172,013)	(\$10,047)
Net Annual Capital and Debt Service	\$17,128,678	\$15,842,567	\$1,286,112

(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, and the Yacht Club, West Shore Pipeline & ICR Leases

NEW Water
Green Bay Metropolitan Sewerage District
2016 Budget - First Budget Workshop 08-26-2015
Summary of Debt Service Schedule PRELIMINARY DRAFT 8/20/2015

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	289,478	10/1/2015	May 2035
(New)	Green Bay Facility Solids Management Plan Construction (R2E2) (2015 New)*	120,407,450	8,114,117	9/1/2015	May 2035
(New)	GBF: Disinfection System Upgrade (2015 New)	2,784,000	182,665	9/1/2015	May 2035
(New)	DPF: Blower Replacement Project 2016 (New)	3,500,000	237,255	6/1/2016	May 2036
(New)	Bayview Interceptor Replacement 2017 (New)	3,629,000	108,864	6/1/2016	May 2036
Total New Debt		\$134,796,410	8,932,379		
Grand Total with New Debt		\$253,904,837	16,347,602		
* Solids Management - R2E2 Project Loans					
			\$ 9,870,209		

NEW Water
Green Bay Metropolitan Sewerage District
2016 Budget - First Budget Workshop 08-26-2015
Annual Capital PRELIMINARY DRAFT 8/20/2015

Item Description	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>		
2015 Requests - Transfer to Rate Stabilization Fund	Solids	\$ 1,100,000
Total Solids Project (R2E2)		\$ 1,100,000

NEW Water

Green Bay Metropolitan Sewerage District

2016 Budget - First Budget Workshop 08-26-2015

Allocation of Operating and Maintenance Costs

PRELIMINARY DRAFT 8/20/2015

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
Salaries & Benefits									
Laboratory Services & Environmental Services									
Operational Testing	\$483,431	\$67,680	\$58,012	\$43,509	\$29,006	\$33,840	\$101,520	\$116,023	\$0
Water Quality Testing	654,424	654,424	0	0	0	0	0	0	\$33,840
Total Laboratory Services	1,137,855	722,104	58,012	43,509	29,006	33,840	101,520	116,023	0
Treatment									
Pump Station	114,611	114,611	0	0	0	0	0	0	0
Primary Treatment	151,913	151,913	0	0	0	0	0	0	0
Aeration	317,161	0	158,581	0	0	158,581	0	0	0
Final & Chlorine Contact Basins	247,522	247,522	0	0	0	0	0	0	0
Primary Thickeners	151,740	3,794	19,984	123,410	3,794	759	0	0	0
Waste Activated Sludge Thickeners	177,030	0	104,731	68,758	0	3,541	0	0	0
Dewatering - Belt Presses/Incineration	505,802	5,058	206,185	282,420	5,058	7,081	0	0	0
Primary Sludge	202,321	5,058	26,646	164,548	5,058	1,012	0	0	0
Secondary Sludge	303,481	0	179,539	117,872	0	6,070	0	0	0
Incineration	657,542	7,587	249,431	384,338	7,587	8,599	0	0	0
Primary Sludge	303,481	7,587	39,968	246,821	7,587	1,517	0	0	0
Secondary Sludge	354,061	0	209,462	137,517	0	7,081	0	0	0
Solids, General	266,523	2,898	104,383	152,755	2,898	3,591	0	0	0
Grit Removal	10,990	0	0	10,990	0	0	0	0	0
Filtration	15,663	15,663	0	0	0	0	0	0	0
Total Treatment	2,616,498	549,045	843,294	1,022,672	19,336	182,150	0	0	0
Maintenance/Engineering									
Maintenance	2,422,647	908,492	712,985	377,933	17,928	263,100	122,586	0	19,623
Engineering	728,064	273,024	214,269	113,578	5,388	79,068	36,840	0	5,897
Total All Above	6,905,064	2,452,665	1,828,561	1,557,692	71,657	558,158	260,946	116,023	25,521
Business Services & Information Systems									
	1,999,222	722,256	538,471	458,706	21,101	164,365	76,843	0	6,863
Total Salaries & Benefit Costs	8,904,287	3,174,921	2,367,032	2,016,398	92,759	722,523	337,789	116,023	37,383
Power									
Metro Pump	335,292	0	0	0	0	0	335,292	0	0
Mill Pump	20,580	0	0	0	0	0	0	0	20,580
Secondary Effluent Pump (SEP)	22,150	22,150	0	0	0	0	0	0	0
Process Air Compressors	854,939	0	555,710	0	0	299,229	0	0	0
Solids Building	260,830	2,608	106,325	145,637	2,608	3,632	0	0	0
Primary Sludge (40)	104,332	2,608	13,741	84,853	2,608	522	0	0	0
Secondary Sludge (60)	156,498	0	92,584	60,784	0	3,130	0	0	0
All Other Plant	927,018	347,631	272,821	144,615	6,860	100,674	46,907	0	7,509
Total Power	2,420,809	372,390	934,857	290,252	9,468	403,555	382,199	0	28,089
Fuel									
Fuel - Diesel for Generators	69,504	69,504	0	0	0	0	0	0	0
Building	513,919	192,720	151,247	80,171	3,803	55,812	26,004	0	4,163
Incineration	500,091	5,001	203,657	279,231	5,001	7,001	0	0	0
Primary Sludge (40)	200,036	5,001	26,345	162,690	5,001	1,000	0	0	0
Secondary Sludge (60)	300,055	0	177,512	116,541	0	6,001	0	0	0
Total Fuel	1,083,515	267,225	355,104	359,402	8,804	62,813	26,004	0	4,163

NEW Water

Green Bay Metropolitan Sewerage District

2016 Budget - First Budget Workshop 08-26-2015

Allocation of Operating and Maintenance Costs

PRELIMINARY DRAFT 8/20/2015

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	30,000	30,000	0	0	0	0	0	0	0	0
Total Chemicals	546,867	201,996	139,999	173,883	26,194	4,795	0	0	0	0
Maintenance & Repairs										
Maintenance & Repairs	1,498,775	562,040	441,090	233,809	11,091	162,767	75,838	0	12,140	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	3,342,349	1,253,380	983,653	521,407	24,733	362,980	169,123	0	27,073	0
Total All Other	3,743,664	1,257,445	1,128,795	723,560	60,482	377,187	169,123	0	27,073	0
Total Treatment Plant O & M	18,197,916	5,836,016	5,366,875	3,797,304	208,798	1,733,640	990,954	116,023	103,848	44,458
Field Services O & M										
Pretreatment	166,656	0	0	0	0	0	0	166,656	0	0
Municipal Interceptors	336,633	0	0	0	0	0	336,633	0	0	0
Mill Interceptors	2,606	0	0	0	0	0	0	0	2,606	0
Fox River Fiber Force Main	22,259	0	0	0	0	0	0	0	0	22,259
Municipal Metering Stations	262,743	0	0	0	0	0	262,743	0	0	0
Mill Metering Stations	25,968	0	0	0	0	0	0	0	0	25,968
Municipal Lift Stations	357,809	0	0	0	0	0	357,809	0	0	0
Subtotal	1,174,674	0	0	0	0	0	957,185	166,656	2,606	48,227
All Other (Field Services Salaries after distribution)	448,261	0	0	0	0	0	365,266	63,597	995	18,404
Total Interceptor System O & M	1,622,935	0	0	0	0	0	1,322,452	230,253	3,601	66,630
Total O & M Costs	\$19,820,852	\$5,836,016	\$5,366,875	\$3,797,304	\$208,798	\$1,733,640	\$2,313,406	\$346,276	\$107,449	\$111,088
Distribution to Participants										
MUNICIPAL	18,421,661	5,149,073	5,243,643	3,448,314	207,193	1,713,757	2,313,406	346,276		39,153
FOX RIVER FIBER	39,153	0	0	0	0	0	0	0	107,449	71,935
PROCTER & GAMBLE	1,360,037	686,944	123,231	348,990	1,605	19,883	0	0		
Total	\$19,820,852	\$5,836,016	\$5,366,875	\$3,797,304	\$208,798	\$1,733,640	\$2,313,406	\$346,276	\$107,449	\$111,088

NEW Water
Green Bay Metropolitan Sewerage District
2016 Budget - First Budget Workshop 08-26-2015
Interceptor System O&M
PRELIMINARY DRAFT 8/20/2015

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	-	440		440	
Salaries - P&G Meter Station	7,008	10,479	17,487		
Benefits - P&G Meter Station	2,650	3,963	6,613		
Salaries - Fox River Fiber - Force Main	-	4,657			4,657
Benefits - Fox River Fiber - Force Main	-	1,761			1,761
Salaries - Fox River Fiber - Meter Station	4,000	5,822			9,822
Benefits - Fox River Fiber - Meter Station	1,513	2,201			3,714
Repair & Maintenance (R & M) - P&G Interceptor			-	1,000	
R & M - P&G Meter Station			1,000		
Phones - P&G			840		
Power - P&G			-		
R & M - Force Main					
R & M - Meter Station					2,182
Chemicals					100
Total			\$25,940	\$2,604	\$22,236

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	44,684				44,684
Benefits - GBMSD Interceptors	1,929	33,902		33,902		
Benefits - GBMSD Meter Stations	0	36,983	36,983			
Benefits - East Bayshore Lift Stations	8,272	16,731			25,003	
Benefits - East River Lift Station	5,627	5,283			10,910	
Benefits - Old Plank Lift Station	1,475	3,082			4,557	
Benefits - Interplant Force Main	0	5,283		5,283		
Benefits - Chemical Feed Building	0	1,321	1,321			
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				54,225		
R & M - GBMSD Interceptors - Engineering				121,775		
R & M - Old Plank Lift Station					3,800	
R & M - Interplant Force Main				7,400		
R & M - GBMSD Meter Stations			77,495			
R & M - Chemical Feed Building			1,580			
Phones - Meter/Lift Stations			31,160			
Phones - Chemical Feed Building			-			
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 For Bayshore Interceptor					23,600	
Total			\$262,584	\$331,309	\$357,642	\$166,471

NEW Water
Green Bay Metropolitan Sewerage District
2016 Budget - First Budget Workshop 08-26-2015
Salaries and Benefits Before Distribution PRELIMINARY DRAFT 8/20/2015

Description	Commission	Business Services	Laboratory Services	Treatment	Maintenance	Engineering	Information Technology	Field Services	Environmental Programs	Total
Gross Salaries	\$2,500	\$996,896	\$462,072	\$1,854,120	\$1,758,504	\$501,945	\$488,826	\$725,086	\$397,440	\$7,187,389
Long Term Disability	-	4,870	2,621	10,497	9,696	3,518	2,926	3,901	2,005	40,034
Dental Insurance	-	8,183	4,091	18,238	20,563	5,986	5,685	6,287	2,497	71,530
Health Insurance	-	177,888	79,872	355,920	398,376	116,160	90,720	152,448	50,880	1,422,264
Life Insurance	-	3,172	1,105	4,855	6,730	2,337	2,159	1,853	1,083	23,294
Wisconsin Retirement	-	60,132	30,278	124,366	112,526	40,648	34,395	48,426	22,557	473,328
FICA & Medicare	191	70,250	35,349	145,960	135,232	46,294	39,164	56,173	29,638	558,251
Worker's Compensation	5	4,997	11,228	46,695	42,956	10,351	973	17,843	2,529	137,577
Uniforms	-	-	1,320	9,444	13,548	-	-	2,945	-	27,257
Employee Assistance	-	3,024	-	-	-	-	-	-	-	3,024
Wellness Program	-	-	-	45,128	-	-	-	-	-	45,128
Totals	\$2,696	\$1,329,412	\$627,936	\$2,615,223	\$2,498,131	\$727,239	\$664,848	\$1,014,962	\$508,629	\$9,989,075

Note: Engineering, Operations & Business Services Salaries decreased \$220K for Engineering Project Manager re-allocation of salaries to Solids Management Capital Loan Amount.

NEW Water
Green Bay Metropolitan Sewerage District
2016 Budget - First Budget Workshop 08-26-2015
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	\$996,896	\$462,072	\$1,854,120	\$1,701,740	\$501,945	\$488,826	\$313,512	\$397,440	\$6,719,051
Long Term Disability	0	4,870	2,621	10,497	9,380	3,518	2,926	1,608	2,005	37,424
Dental Insurance	0	8,183	4,091	18,238	19,998	5,986	5,685	2,191	2,497	66,869
Health Insurance	0	177,888	79,872	355,920	387,143	116,160	90,720	71,004	50,880	1,329,587
Life Insurance	0	3,172	1,105	4,855	6,546	2,337	2,159	519	1,083	21,776
Wisconsin Retirement	0	60,132	30,278	124,366	108,787	40,648	34,395	9,574	22,557	430,738
FICA & Medicare	191	70,250	35,349	145,960	130,890	46,294	39,164	34,084	29,638	531,819
Worker's Compensation	5	4,997	11,228	46,695	41,869	10,351	973	12,316	2,529	130,963
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	\$1,329,412	\$627,936	\$2,615,223	\$2,419,901	\$727,239	\$664,848	\$447,753	\$508,629	\$9,343,636

Note: Engineering, Operations & Business Services Salaries decreased \$220K for Engineering Project Manager re-allocation of salaries to Solids Management Capital Loan Amount.

NEW Water
Green Bay Metropolitan Sewerage District
2016 Budget - First Budget Workshop 08-26-2015
Employees Headcount Report PRELIMINARY DRAFT 8/20/2015

<u>Divisions and Department</u>	<u>PROPOSED 2015 BUDGET HEADCOUNT</u>	<u>PROPOSED 2016 BUDGET HEADCOUNT</u>
<u>Business Services including Non-Departmental *</u>	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		
Operations	Maintenance	Payroll/HR Specialist	
Operations	Treatment	Mechanic Apprentice	
		Warehouse Technician to Maintenance	Asset Reliability Coordinator
		from Accounting	

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>ENVIRONMENTAL PROGRAMS</u>	<u>NON-DEPARTMENTAL</u>
Accounting	Engineering	Watershed Management	Commission
Communication & Education	Field Services	Regulatory Compliance	District Wide
Information Technology		Laboratory	Executive Director & Human Resources
Support Services		Health and Safety	
		Maintenance	
		Treatment	
		Health and Safety	

NEW Water
Green Bay Metropolitan Sewerage District
2016 Budget - First Budget Workshop 08-26-2015
OUT-OF-AREA TRAVEL - Outside EPA Region 5 (Wisconsin, Minnesota, Illinois, Iowa, Indiana, Michigan)
PRELIMINARY DRAFT 8/20/2015

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
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	Wastewater Conference, TBD
Watershed Programs Manager	Environmental Programs	Healthy Soils Health Waters, Ohio
Watershed Programs Manager	Environmental Programs	IAGLR, Canada
Water Resources Specialist	Environmental Programs	IAGLR, Canada
Analytical Chemist	Environmental Programs	PITTCO, Atlanta, GA

GREEN BAY METROPOLITAN SEWERAGE DISTRICT
2016 BUDGET: 5-YEAR CAPITAL INVESTMENT PLAN
PRELIMINARY DRAFT 8/20/2015

2016 Budget - Rev 6 - 7/14/2015	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, WFR)	-	-	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
PRELIMINARY DRAFT 8/20/2015

2016 Budget - Rev 6 - 7/14/2015	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	-	-	-	125,000
GBF & DPF: Telephone System	-	-	-	-	-
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

Summary of Revenues and Expenses Legends PRELIMINARY DRAFT 8/20/2015

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**

Summary of Revenues and Expenses Legends PRELIMINARY DRAFT 8/20/2015

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

Summary of Revenues and Expenses Legends PRELIMINARY DRAFT 8/20/2015

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

Summary of Revenues and Expenses Legends PRELIMINARY DRAFT 8/20/2015

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)