

**BAIRD**

# City of Waukesha

Presentation to Finance Committee

March 28, 2017

**Bradley D. Viegut, Managing Director**

[bviegut@rwbaird.com](mailto:bviegut@rwbaird.com)

777 East Wisconsin Avenue

Milwaukee, WI 53202

Phone 414.765.3827

Fax 414.298.7354





## Timeline

- Water Commission considered plan of finance ..... February 23, 2017
- Finance Committee considers plan of finance / initial resolutions ..... March 28, 2017
- City Council considers plan of finance / initial resolutions ..... April 6, 2017
  - Preparations are made for issuance
    - ✓ Official Statement
    - ✓ Bond Rating
    - ✓ Marketing
- Receive bids for the security purchase of the cash defeasance escrow ..... April 17, 2017
- Cash defeasance escrow funding (closing) ..... May 1, 2017
- City Council considers award resolutions (finalizes terms and interest rates) ..... May 2, 2017
- Closing (funds available) ..... May 23, 2017

# City of Waukesha

## Borrowing / Structure / Purpose



Item 1: CIP	
<b>Size</b>	\$12,760,000
<b>Issue</b>	G.O. Promissory Notes
<b>Structure</b>	10/1/2018-2026
<b>First Interest</b>	10/1/2017
<b>Call Feature</b>	2025 and 2026 callable 2024
<b>Purpose</b>	2016 CIP \$12,760,000
<b>Est. TIC</b>	2.76%

Item 4: Water System NAN	
<b>Size</b>	\$9,885,000
<b>Issue</b>	NAN
<b>Structure</b>	5/1/2022
<b>First Interest</b>	11/1/2017
<b>Call Feature</b>	2022 callable 5/1/2019
<b>Purpose</b>	Water System \$9,885,000
<b>Est. TIC</b>	3.02%

Item 2: G.O. Refunding Bonds	
<b>Size</b>	\$4,375,000
<b>Issue</b>	G.O. Refunding Bonds
<b>Structure</b>	10/1/2018-2032
<b>First Interest</b>	10/1/2017
<b>Call Feature</b>	2028 and thereafter callable 2027
<b>Purpose</b>	Ref police/fire portion of 2016 NAN \$4,590,000
<b>Est. TIC</b>	3.36%

Item 5: NAN	
<b>Size</b>	\$8,365,000
<b>Issue</b>	NAN
<b>Structure</b>	7/1/2018
<b>First Interest</b>	1/1/2018
<b>Call Feature</b>	4/1/2018
<b>Purpose</b>	Sewer (new projects) \$5,185,000 West Bypass \$3,177,000
<b>Est. TIC</b>	1.68%

Item 3: Taxable G.O. Refunding Bonds	
<b>Size</b>	\$14,520,000
<b>Issue</b>	Taxable G.O. Refunding Bonds
<b>Structure</b>	10/1/2018-2030
<b>First Interest</b>	10/1/2017
<b>Call Feature</b>	2028 and thereafter callable 2027
<b>Purpose</b>	Refund 2009 and 2010 taxable bonds \$12,950,000
<b>Est. TIC</b>	3.55%

Item 6: Sewerage System Revenue Refunding Bonds	
<b>Size</b>	\$6,515,000
<b>Issue</b>	Sewerage System Revenue Refunding Bonds
<b>Structure</b>	5/1/2018-2037
<b>First Interest</b>	11/1/2017
<b>Call Feature</b>	2028 and thereafter callable 2027
<b>Purpose</b>	Refund sewer portion of 2016 NAN \$6,155,000
<b>Est. TIC</b>	3.78%

Item 7: Cash Defeasance	
<b>Size</b>	approx. \$268,000
<b>Purpose</b>	Defeasance 2011C Taxable Bonds \$230,000

# City of Waukesha

## 2017 Example Financing Plan



LEVY YEAR	YEAR DUE	EXISTING					*	TOTAL DEBT SERVICE (Levy Supported) (A)	ANTICIPATED PREMIUM USAGE (2015 GOPNs)	ANTICIPATED PREMIUM USAGE (2016 GOPNs)
		DEBT SERVICE (General Fund)	DEBT SERVICE (Parking Util.)	DEBT SERVICE (Cemetery)	DEBT SERVICE (Transit Buses)	DEBT SERVICE (Storm Sewer - Levy)				
2016	2017	\$12,590,893	\$387,993	\$63,614	\$190,500	\$196,969	*	\$13,429,968	(\$268,650)	(\$281,350)
2017	2018	\$12,093,142	\$385,989	\$67,692	\$192,400	\$197,919	*	\$12,937,141	(\$195,300)	(\$43,017)
2018	2019	\$10,612,789	\$3,027	\$61,784	\$189,200	\$197,319	*	\$11,064,119		
2019	2020	\$10,076,972	\$3,006	\$58,056	\$191,000	\$196,519	*	\$10,525,553		
2020	2021	\$9,529,547	\$3,013	\$55,818	\$187,700	\$200,519	*	\$9,976,597		
2021	2022	\$7,676,080	\$3,006	\$5,056	\$187,750	\$184,119	*	\$8,056,011		
2022	2023	\$6,155,125	\$3,026	\$5,090	\$187,650	\$183,119	*	\$6,534,009		
2023	2024	\$3,076,900			\$192,400	\$181,919	*	\$3,451,219		
2024	2025	\$1,533,400			\$188,700	\$180,519	*	\$1,902,619		
2025	2026	\$292,000				\$180,569	*	\$472,569		
2026	2027	\$288,750				\$180,469	*	\$469,219		
2027	2028						*			
2028	2029						*			
2029	2030						*			
2030	2031						*			
2031	2032						*			
		<u>\$73,925,598</u>	<u>\$789,059</u>	<u>\$317,111</u>	<u>\$1,707,300</u>	<u>\$2,079,956</u>	*	<u>\$78,819,024</u>	<u>(\$463,950)</u>	<u>(\$324,367)</u>

(A) Does not reflect any refinancing of levy supported debt.

# City of Waukesha

## 2017 Example Financing Plan (continued)

### Items 1, 2 and 5



		<b>ITEM 1: CIP</b>				<b>FINAL</b>	<b>ITEM 2: REFINANCE 2016 NAN (POLICE &amp; FIRE)</b>			<b>ITEM 5: SEWER/WEST BYPASS</b>	<b>COMBINED DEBT SERVICE</b>
		<b>\$12,760,000</b>				<b>\$4,590,000</b>	<b>\$4,375,000</b>			<b>\$8,365,000</b>	
		<b>G.O. PROMISSORY NOTES</b>				<b>NANs</b>	<b>G.O. REFUNDING BONDS</b>			<b>NANs</b>	
		<i>Dated May 23, 2017</i>				<i>Dated May 10, 2016</i>	<i>Dated May 23, 2017</i>			<i>Dated May 23, 2017</i>	
		<i>(First interest 10/1/17)</i>				<i>(First interest 1/1/17)</i>	<i>(First interest 10/1/17)</i>			<i>(First interest 1/1/18)</i>	
LEVY YEAR	YEAR DUE	PRINCIPAL (10/1)	INTEREST (4/1 & 10/1)	BID PREMIUM	TOTAL	NET INTEREST <sup>(B)</sup>	PRINCIPAL (10/1)	INTEREST (4/1 & 10/1)	TOTAL	NET INTEREST <sup>(C)</sup>	(Levy Supported)
		TIC= 2.76%				TIC= 1.22%	TIC= 3.36%			TIC= 1.68%	
2016	2017		\$165,876	(\$165,876)	\$0	\$35,903		\$60,436	\$60,436		\$12,976,307
2017	2018	\$1,240,000	\$466,525	(\$466,525)	\$1,240,000		\$225,000	\$169,975	\$394,975	\$168,614	\$14,502,414
2018	2019	\$1,280,000	\$429,325	(\$62,866)	\$1,646,459		\$230,000	\$163,225	\$393,225		\$13,103,803
2019	2020	\$1,315,000	\$390,925		\$1,705,925	Assumes NAN principal refinanced with 2017 Bonds on 6/5/2017. Interest paid with funds on hand.	\$240,000	\$156,325	\$396,325		\$12,627,803
2020	2021	\$1,355,000	\$351,475		\$1,706,475		\$245,000	\$149,125	\$394,125		\$12,077,197
2021	2022	\$1,395,000	\$310,825		\$1,705,825		\$255,000	\$141,775	\$396,775		\$10,158,611
2022	2023	\$1,455,000	\$255,025		\$1,710,025		\$265,000	\$131,575	\$396,575		\$8,640,609
2023	2024	\$1,510,000	\$196,825		\$1,706,825		\$275,000	\$120,975	\$395,975	Notes are callable 4/1/2018 or any date thereafter	\$5,554,019
2024	2025	\$1,570,000	\$136,425		\$1,706,425		\$285,000	\$109,975	\$394,975		\$4,004,019
2025	2026	\$1,640,000	\$69,700		\$1,709,700		\$295,000	\$98,575	\$393,575		\$2,575,844
2026	2027						\$310,000	\$86,775	\$396,775		\$865,994
2027	2028						\$320,000	\$74,375	\$394,375		\$394,375
2028	2029						\$335,000	\$60,775	\$395,775		\$395,775
2029	2030						\$350,000	\$46,538	\$396,538		\$396,538
2030	2031						\$365,000	\$31,663	\$396,663		\$396,663
2031	2032						\$380,000	\$16,150	\$396,150		\$396,150
		\$12,760,000	\$2,772,926	(\$695,267)	\$14,837,659	\$35,903	\$4,375,000	\$1,618,236	\$5,993,236	\$168,614	\$99,066,118

(B) Excess bid premium of \$62,271.95 used to offset interest.

(C) Excess bid premium of \$39,465.24 used to offset interest.

# City of Waukesha

## Illustration of Hypothetical Refunding

### Item 3



<b>BEFORE REFINANCING</b>							
<i>Calendar Year</i>	<b>\$1,865,000</b>			<b>\$19,015,000</b>			<b>TOTAL DEBT SERVICE</b>
	<b>Tax. G.O. Refunding Bonds</b>			<b>Tax. G.O. Refunding Bonds</b>			
	<b>Dated July 28, 2009</b>			<b>Dated December 1, 2010</b>			
	<b>PRINCIPAL</b>	<b>RATE</b>	<b>INTEREST</b>	<b>PRINCIPAL</b>	<b>RATE</b>	<b>INTEREST</b>	
	<i>(10/1)</i>		<i>(4/1 &amp; 10/1)</i>	<i>(10/1)</i>		<i>(4/1 &amp; 10/1)</i>	
2017	\$90,000	4.800%	\$78,813	\$865,000	3.150%	\$787,195	\$1,821,008
2018	\$90,000	5.050%	\$74,493	\$890,000	3.500%	\$759,948	\$1,814,440
2019	\$95,000	5.150%	\$69,948	\$1,080,000	3.950%	\$728,798	\$1,973,745
2020	<b>\$100,000</b>	5.300%	\$65,055	\$1,125,000	4.200%	\$686,138	\$1,976,193
2021	<b>\$105,000</b>	5.500%	\$59,755	<b>\$1,180,000</b>	4.550%	\$638,888	\$1,983,643
2022	<b>\$110,000</b>	5.500%	\$53,980	<b>\$1,240,000</b>	4.750%	\$585,198	\$1,989,178
2023	<b>\$115,000</b>	5.700%	\$47,930	<b>\$1,305,000</b>	4.950%	\$526,298	\$1,994,228
2024	<b>\$120,000</b>	5.700%	\$41,375	<b>\$970,000</b>	5.700%	\$461,700	\$1,593,075
2025	<b>\$130,000</b>	5.900%	\$34,535	<b>\$1,025,000</b>	5.700%	\$406,410	\$1,595,945
2026	<b>\$140,000</b>	5.900%	\$26,865	<b>\$1,080,000</b>	5.700%	\$347,985	\$1,594,850
2027	<b>\$150,000</b>	6.100%	\$18,605	<b>\$1,145,000</b>	5.700%	\$286,425	\$1,600,030
2028	<b>\$155,000</b>	6.100%	\$9,455	<b>\$1,215,000</b>	5.700%	\$221,160	\$1,600,615
2029				<b>\$1,300,000</b>	5.700%	\$151,905	\$1,451,905
2030				<b>\$1,365,000</b>	5.700%	\$77,805	\$1,442,805
	<b>\$1,400,000</b>		<b>\$580,808</b>	<b>\$15,785,000</b>		<b>\$6,665,850</b>	<b>\$24,431,658</b>
	Maturities callable 10/1/2019 Purpose: TIF#11			Maturities callable 10/1/20120 Purpose: Levy, TIF #17, TIF #19, TIF #20, Sewer, Parking, Cemetary			
	<b>CALLABLE MATURITIES</b>						

# City of Waukesha

## Illustration of Hypothetical Refunding (continued)

### Item 3



AFTER REFINANCING <sup>(1)</sup>								
Calendar Year	\$1,865,000 Tax. G.O. Refunding Bonds Dated July 28, 2009		\$19,015,000 Tax. G.O. Refunding Bonds Dated December 1, 2010		\$14,520,000 Taxable G.O. Promissory Notes (AR) Dated May 23, 2017		TOTAL NEW DEBT SERVICE	POTENTIAL DEBT SERVICE SAVINGS
	PRINCIPAL (10/1)	INTEREST (4/1 & 10/1)	PRINCIPAL (10/1)	INTEREST (4/1 & 10/1)	PRINCIPAL (10/1)	INTEREST (4/1 & 10/1)		
						TIC = 3.55%		
2017	\$90,000	\$46,285	\$865,000	\$467,751		\$168,768	\$1,637,804	\$183,203
2018	\$90,000	\$9,438	\$890,000	\$121,060	\$190,000	\$474,660	\$1,775,158	\$39,283
2019	\$95,000	\$4,893	\$1,080,000	\$89,910	\$195,000	\$471,240	\$1,936,043	\$37,703
2020	***		\$1,125,000	\$47,250	\$300,000	\$467,145	\$1,939,395	\$36,798
2021	***		***		\$1,485,000	\$459,795	\$1,944,795	\$38,848
2022	***		***		\$1,530,000	\$420,443	\$1,950,443	\$38,735
2023	***		***		\$1,585,000	\$376,838	\$1,961,838	\$32,390
2024	***		***		\$1,230,000	\$329,288	\$1,559,288	\$33,788
2025	***		***		\$1,265,000	\$290,543	\$1,555,543	\$40,403
2026	***		***		\$1,305,000	\$248,798	\$1,553,798	\$41,053
2027	***		***		\$1,355,000	\$203,775	\$1,558,775	\$41,255
2028	***		***		\$1,405,000	\$154,995	\$1,559,995	\$40,620
2029			***		\$1,315,000	\$103,010	\$1,418,010	\$33,895
2030					\$1,360,000	\$53,040	\$1,413,040	\$29,765
	\$275,000	\$60,615	\$3,960,000	\$725,971	\$14,520,000	\$4,222,336	\$23,763,922	\$667,736

***	REFINANCED WITH 2017 ISSUE.	LESS TRANSFER FROM PRIOR ISSUE D/S FUND.....	(\$183,203)
		ROUNDING AMOUNT.....	\$2,801
		POTENTIAL GROSS SAVINGS.....	\$487,333
		(2) POTENTIAL PRESENT VALUE SAVINGS \$.....	\$393,001
		POTENTIAL PRESENT VALUE SAVINGS %.....	3.035%
		POTENTIAL NEGATIVE ARBITRAGE.....	\$680,004

(1) This illustration represents a mathematical calculation of potential interest cost savings (cost), assuming hypothetical rates based on current rates +25 bps for municipal bonds as of 3/16/17. Actual rates may vary. If actual rates are higher than those assumed, the interest cost savings would be lower. This illustration provides information and is not intended to be a recommendation, proposal or suggestion for a refinancing or otherwise to be considered as advice.

(2) Present value calculated using the All Inclusive Cost (AIC) of 3.59% as the discount rate.

Change in Rates	Est. PV % Savings	Est. PV \$ Savings
-0.30%	5.534%	\$716,710
-0.20%	4.693%	\$607,768
-0.10%	3.861%	\$499,978
+0.10%	2.215%	\$286,901
+0.20%	1.404%	\$181,789
+0.30%	0.603%	\$78,031

# City of Waukesha

## 2017 Example Financing Plan – Sewer Utility

### Item 6



YEAR DUE	SEWER UTILITY					FINAL \$6,155,000 NANs Dated May 10, 2016 (First interest 1/1/17) (Due 7/1/17)  TIC = 1.22%  \$78,989 Assumes NAN principal and accrued interest refinanced with 2017 Bonds on 6/5/2017 Callable: 4/1/2017	PRELIMINARY \$6,515,000 Sewer System Revenue Refunding Bonds Dated May 23, 2017 (First interest 11/1/17)			SEWER COMBINED DEBT SERVICE (G.O. & Revenue)	SEWER COMBINED DEBT SERVICE (Revenue Debt)	2015 Audited NET REVENUES (C)	PROJECTED COVERAGE RATIO (A)
	EXISTING DEBT SERVICE (G.O. Debt)	'14 Revenue Bonds	'16 Revenue Bonds	'14 Clean Water Fund Loan (B)	'15 Clean Water Fund Loan (B)		PRINCIPAL (5/1)	INTEREST (5/1 & 11/1) TIC = 3.78%	TOTAL				
2017	\$645,949	\$551,675	\$257,306	\$1,935,391	\$969,326				\$4,474,231	\$3,828,282	\$5,738,769	1.50	
2018	\$647,028	\$549,475	\$252,800	\$1,934,968	\$969,164		\$220,000	\$257,775	\$477,775	\$4,831,211	\$4,184,182	\$5,738,769	1.37
2019	\$645,446	\$550,625	\$255,050	\$1,934,535	\$968,998		\$230,000	\$251,025	\$481,025	\$4,835,679	\$4,190,233	\$5,738,769	1.37
2020	\$647,992	\$551,475	\$256,475	\$1,934,089	\$968,828		\$235,000	\$244,050	\$479,050	\$4,837,909	\$4,189,917	\$5,738,769	1.37
2021	\$645,189	\$550,425	\$257,050	\$1,933,632	\$968,654		\$245,000	\$236,850	\$481,850	\$4,836,801	\$4,191,612	\$5,738,769	1.37
2022	\$301,860	\$547,425	\$252,550	\$1,933,164	\$968,477		\$250,000	\$228,175	\$478,175	\$4,481,651	\$4,179,790	\$5,738,769	1.37
2023	\$301,972	\$548,925	\$252,975	\$1,932,682	\$968,295		\$260,000	\$217,975	\$477,975	\$4,482,824	\$4,180,852	\$5,738,769	1.37
2024	\$274,651	\$549,825	\$253,250	\$1,932,188	\$968,110		\$275,000	\$207,275	\$482,275	\$4,460,299	\$4,185,648	\$5,738,769	1.37
2025	\$274,579	\$550,125	\$253,375	\$1,931,681	\$967,920		\$285,000	\$196,075	\$481,075	\$4,458,755	\$4,184,176	\$5,738,769	1.37
2026	\$274,505	\$549,825	\$257,400	\$1,931,161	\$967,726		\$295,000	\$184,475	\$479,475	\$4,460,092	\$4,185,587	\$5,738,769	1.37
2027	\$274,429	\$548,925	\$255,300	\$1,930,627	\$967,527		\$310,000	\$172,375	\$482,375	\$4,459,184	\$4,184,754	\$5,738,769	1.37
2028	\$274,351	\$552,325	\$253,000	\$1,930,079	\$967,324		\$320,000	\$159,375	\$479,375	\$4,456,455	\$4,182,103	\$5,738,769	1.37
2029	\$274,271	\$550,025	\$255,400	\$1,929,517	\$967,117		\$335,000	\$145,456	\$480,456	\$4,456,786	\$4,182,515	\$5,738,769	1.37
2030	\$274,189	\$547,125	\$257,400	\$1,928,940	\$966,904		\$350,000	\$130,900	\$480,900	\$4,455,459	\$4,181,269	\$5,738,769	1.37
2031	\$274,105	\$548,288	\$254,100	\$1,928,347	\$966,687		\$365,000	\$115,706	\$480,706	\$4,452,234	\$4,178,128	\$5,738,769	1.37
2032	\$274,019	\$548,403	\$255,500	\$1,927,739	\$966,465		\$380,000	\$99,875	\$479,875	\$4,452,001	\$4,177,982	\$5,738,769	1.37
2033	\$273,930	\$547,698	\$256,500	\$1,927,116	\$966,239		\$395,000	\$83,406	\$478,406	\$4,449,888	\$4,175,958	\$5,738,769	1.37
2034	\$273,839	\$551,070	\$253,375	\$1,926,475	\$966,007		\$415,000	\$66,194	\$481,194	\$4,451,960	\$4,178,121	\$5,738,769	1.37
2035			\$256,175		\$965,769		\$430,000	\$48,238	\$478,238	\$1,700,182	\$1,700,182	\$5,738,769	3.38
2036			\$253,750				\$450,000	\$29,538	\$479,538	\$733,288	\$733,288	\$5,738,769	7.83
2037							\$470,000	\$9,988	\$479,988	\$479,988	\$479,988	\$5,738,769	11.96
TOTAL	\$6,852,307	\$9,893,658	\$5,098,731	\$34,762,334	\$18,385,537	\$78,989	\$6,515,000	\$3,199,308	\$9,714,308	\$84,706,874	\$77,854,567		

(A) Based on 2015 Audited Net Revenues. Rate covenants will require coverage of at least 1.25x max annual debt service (revenue debt only).

(B) Repayment amounts reflect maximum amount authorized not disbursed.

(C) Net Revenues based 2015 Audited Net Revenues. Assumes no increase thereafter.

	2015 Audited
Gross Revenues:	\$12,079,091
Less: Current Expenses:	(\$6,340,322) <sup>(1)</sup>
Net Revenues:	\$5,738,769

(1) Less Depreciation



# City of Waukesha

## 2017 Example Financing Plan – Water Utility

### Item 4



LEVY YEAR	YEAR DUE	Water Utility Supported		<b>FINAL</b> <b>\$17,400,000<sup>(A)</sup></b> <b>NANs</b> <i>Dated May 10, 2016</i> <i>(First interest 11/1/16)</i> <hr/> <i>(Due 5/1/21)</i> <i>(Callable 5/1/18)</i> TIC= 2.28%	Market Rate +25bps <b>Tentative Sale Date: May 2, 2017</b> <b>PRELIMINARY</b> <b>\$9,885,000<sup>(B)</sup></b> <b>NANs</b> <i>Dated May 23, 2017</i> <i>(First interest 11/1/17)</i> <hr/> <i>(Due 5/1/22)</i> <i>(Callable 5/1/19)</i> TIC= 3.02%		YEAR DUE
		EXISTING DEBT SERVICE <i>(Revenue)</i>	EXISTING DEBT SERVICE <i>(G.O.)</i>				
2015	2016	\$891,997	\$859,133	\$247,950		2016	
2016	2017	\$542,663	\$1,005,259	\$522,000	\$0	2017	
2017	2018	\$541,929	\$1,138,629	\$522,000	\$299,598	2018	
2018	2019	\$540,557	\$1,904,129	\$522,000	\$345,975	2019	
2019	2020	\$538,548	\$2,171,754	\$522,000	\$345,975	2020	
2020	2021	\$540,900	\$2,496,294	\$261,000	\$345,975	2021	
2021	2022	\$542,403	\$2,501,044		\$172,988	2022	
2022	2023	\$67,487	\$2,501,844			2023	
2023	2024	\$67,477	\$2,500,094			2024	
2024	2025	\$67,467	\$2,495,844			2025	
2025	2026	\$67,456	\$2,499,094			2026	
2026	2027	\$67,445	\$1,840,694			2027	
2027	2028	\$67,434	\$1,838,556			2028	
2028	2029	\$67,423	\$1,839,506			2029	
2029	2030	\$67,411	\$1,843,388			2030	
2030	2031	\$67,400	\$1,834,475			2031	
2031	2032	\$67,388	\$1,837,775			2032	
2032	2033	\$67,365	\$1,423,550			2033	
2033	2034		\$1,025,200			2034	
2034	2035		\$561,600			2035	
		<u>\$4,880,750</u>	<u>\$36,117,859</u>	<u>\$2,596,950</u>	<u>\$1,510,511</u>		

(A) Amount available for projects is \$17,400,000. Total excess bid premium available for debt service is \$554,065.67.

(B) Amount available for projects is \$9,885,000. Estimated bid premium applied to the debt service is \$198,221.57.



# City of Waukesha

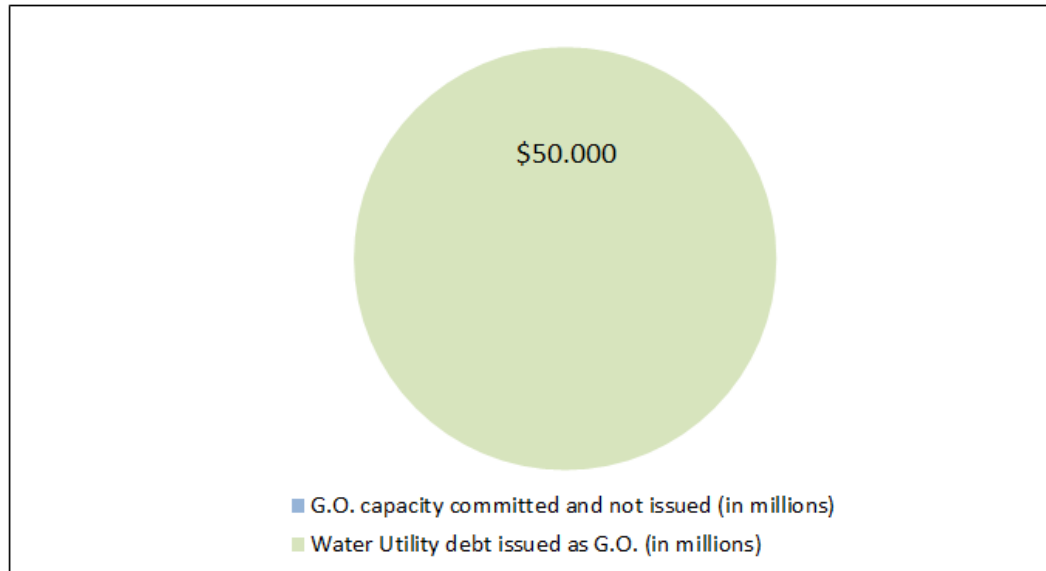
## G.O. Debt Committed/Issued for Water Utility Project

G.O. capacity committed for Water Utility project \$50,000,000

Water Utility debt issued as G.O.

7-10-12	NAN	\$5,300,000	
5-7-13	NAN	\$4,700,000	
4-8-14	NAN	\$5,725,000	
5-12-15	NAN	\$6,990,000	
5-10-16	NAN	\$17,400,000	
5-23-17	Proposed NAN	\$9,885,000	
			\$50,000,000

G.O. capacity committed and not issued \$0



Note: Excludes G.O. Refunding of 2001 and 2006 Water Revenue Bonds

2001 Bonds (G.O.)	\$970,000
2006 Bonds (G.O.)	<u>\$4,850,000</u>
	<u><u>\$5,820,000</u></u>

# City of Waukesha

## 2017 Hypothetical Summary of Cash Defeasance

### Item 7



Calendar Year	TID #16 PORTION - BEFORE DEFEASANCE				TID #16 PORTION - AFTER DEFEASANCE				HYPOTHETICAL REDUCTION IN TID #16 DEBT SERVICE	TID #16 D/S PRIOR TO DEFEASANCE	HYPOTHETICAL TID #16 D/S AFTER DEFEASANCE
	PRINCIPAL	RATE	INTEREST	TOTAL	PRINCIPAL	RATE	INTEREST	TOTAL			
	(10/1)		(4/1 & 10/1)		(10/1)		(4/1 & 10/1)				
2017			\$9,620	\$9,620			\$4,810	\$4,810	\$4,810	\$9,620	\$4,810
2018			\$9,620	\$9,620			\$0	\$0	\$9,620	\$9,620	\$0
2019			\$9,620	\$9,620			\$0	\$0	\$9,620	\$9,620	\$0
2020			\$9,620	\$9,620			\$0	\$0	\$9,620	\$9,620	\$0
2021	\$35,000	3.70%	\$9,620	\$44,620	\$0	3.70%	\$0	\$0	\$44,620	\$44,620	\$0
2022	\$35,000	3.90%	\$8,325	\$43,325	\$0	3.90%	\$0	\$0	\$43,325	\$43,325	\$0
2023	\$40,000	4.10%	\$6,960	\$46,960	\$0	4.10%	\$0	\$0	\$46,960	\$46,960	\$0
2024	\$40,000	4.30%	\$5,320	\$45,320	\$0	4.30%	\$0	\$0	\$45,320	\$45,320	\$0
2025	\$40,000	4.40%	\$3,600	\$43,600	\$0	4.40%	\$0	\$0	\$43,600	\$43,600	\$0
2026	\$40,000	4.60%	\$1,840	\$41,840	\$0	4.60%	\$0	\$0	\$41,840	\$41,840	\$0
	<b>\$230,000</b>		<b>\$74,145</b>	<b>\$304,145</b>	<b>\$0</b>		<b>\$4,810</b>	<b>\$4,810</b>	<b>\$299,335</b>	<b>\$304,145</b>	<b>\$4,810</b>

Maturity to be Defeased	
<b>Sources Of Funds</b>	
Cash Requirement.....	\$267,343
<b>Total Sources.....</b>	<b>\$267,343</b>
<b>Uses Of Funds</b>	
Deposit to Escrow Fund.....	\$251,343
Bond Counsel Fee (est).....	\$4,000
Bidding Agent Fee.....	\$4,000
Escrow Agent Fee (est).....	\$3,500
CPA Verification Fee (est).....	\$2,500
Baird Consulting Fee.....	\$2,000
<b>Total Uses.....</b>	<b>\$267,343</b>

Less: Escrow Fund	(\$251,343)
Less: Costs of Issuance (Estimate)	(\$16,000)
<b>EST. DEBT SERVICE SAVINGS</b>	<b>\$31,992</b>

Net Escrow Receipts	\$270,749
Cash Deposit to Escrow	\$2,541
<b>DEBT SERVICE TO THE CALL DATE</b>	<b>\$273,290</b>

Net Escrow Receipts	\$270,749
Less: Costs of Investments	(\$248,802)
<b>EST. INVESTMENT EARNINGS</b>	<b>\$21,947</b>

Cost of Investments in Escrow	\$248,802
Cash Deposit to Escrow	\$2,541
<b>DEPOSIT TO ESCROW FUND</b>	<b>\$251,343</b>