

2016 Financing Discussion July 25, 2016

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### 2016 FINANCING DISCUSSION

July 25, 2016

#### Timeline



•	Finance Committee Meeting to discuss financings					
	<ul> <li>Preparations are made for issuance</li> </ul>					
	✓ Official Statement					
	✓ Bond Rating					
	✓ Marketing					
•	City Council receives recommendation from Finance Committee					
•	City Council considers Award Resolutions (finalizes terms and interest rates)					
	Closing (funds available)					

### 2016 FINANCING DISCUSSION

July 25, 2016

Borrowing / Structure / Purpose



Approximate Size:	\$11,735,000	Approximate Size:	\$3,715,000
Issue:	Note Anticipation Notes	Issue:	Water System Mortgage Revenue Refunding Bonds
Purpose:	2016 CIP Projects	Purpose:	Refunds Remaining 2007 Revenue Bonds
Structure:	Matures August 15, 2017	Structure:	Matures Sept. 1, 2017 – 2021
First Interest:	August 15, 2017	First Interest:	March 1, 2017
Callable:	Dec. 19, 2016 and thereafter	Callable:	Noncallable
Estimated Rate:	2.20%	Estimated Rate:	1.30%
		Estimated Savings:	\$365,002 <sup>1</sup>

 $^{1}$  Present value calculated using the All-Inclusive Cost (AIC) of 1.63% as the discount rate.

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### Illustration of Hypothetical Revenue Refinancing



		BEFORE	REFINANCING		*			AFTER REFINAL	NCING			
	\$18,980,000 Water Sys Mort Rev Ref Bonds (AR) Dated April 2, 2007			TOTAL DEBT SERVICE	* * *	\$18,980,000 Water Sys Mort Rev Ref Bonds (AR) Dated April 2, 2007		\$3,715,000 Water Sys Mort Rev Ref Bonds (CR) Dated September 7, 2016 <sup>(1)</sup>			TOTAL NEW DEBT SERVICE	POTENTIAL DEBT SERVICE SAVINGS
Calendar	PRINCIPAL	RATE	INTEREST		*	PRINCIPAL	INTEREST	PRINCIPAL	INTEREST	TOTAL		
Year	(9/1)		(3/1 & 9/1)		*	(9/1)	(3/1 & 9/1)	(9/1)	(3/1 & 9/1)			
					*				TIC=			
					*				1.30%			
					*							
2016	\$1,280,000	4.250%	\$240,600	\$1,520,600	*	\$1,280,000	\$240,600				\$1,520,600	\$0
2017	\$760,000	4.250%	\$186,200	\$946,200	*	***		\$745,000	\$88,008	\$833,008	\$833,008	\$113,192
2018	\$755,000	4.750%	\$153,900	\$908,900	*	***		\$720,000	\$74,600	\$794,600	\$794,600	\$114,300
2019	\$790,000	4.750%	\$118,038	\$908,038	*	***		\$730,000	\$60,200	\$790,200	\$790,200	\$117,838
2020	\$830,000	4.750%	\$80,513	\$910,513	*	***		\$750,000	\$45,600	\$795,600	\$795,600	\$114,913
2021	\$865,000	4.750%	\$41,088	\$906,088	*	***		\$770,000	\$23,100	\$793,100	\$793,100	\$112,988
					*							,
	\$5,280,000	_	\$820,338	\$6,100,338	*	\$1,280,000	\$240,600	\$3,715,000	\$291,508	\$4,006,508	\$5,527,108	\$573,229
		_										

Maturities callable 9/1/2016 or any date thereafter.

\*\*\* REFINANCED WITH 2016 ISSUE.

CALLABLE MATURITIES

(1) This illustration represents a mathematical calculation of potential interest cost savings (cost), assuming hypothetical rates based on current rates for municipal bonds as of 6/28/16. 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.

LESS CHANGE IN DEBT SERVICE RESERVE FUND	(\$182,767)
ROUNDING AMOUNT	\$334
GROSS SAVINGS	\$390,797

(2) Present value calculated using the All Inclusive Cost (AIC) of 1.63% as the discount rate.

Interest Rate Sensitivity								
Change	Est. PV %	Est. PV \$						
in Rates	Savings	Savings						
-0.30%	10.084%	\$403,376						
-0.20%	9.763%	\$390,526						
-0.10%	9.443%	\$377,736						
+0.10%	8.810%	\$352,390						
+0.20%	8.494%	\$339,760						
+0.30%	8.180%	\$327,193						

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