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Supporting Calculations

#### **Applicable Dates**

# **Applicable Dates and Periods**

	Fiscal Year Ended June 30, 2021
<ul> <li>Measurement date</li> </ul>	June 30, 2020
<ul> <li>Measurement period</li> </ul>	July 1, 2019 to
	June 30, 2020
<ul> <li>Actuarial valuation date</li> </ul>	June 30, 2019

Update procedures were used to roll forward the Total OPEB Liability from the valuation date (June 30, 2019) to the measurement date (June 30, 2020).

	Note Disclosures		
	Plan Information		
	Fi	iscal Year Ended June 30, 2021	
Plan type		Single Employer	
■ OPEB trust		No	_
<ul> <li>Special funding situa</li> </ul>	tion	No	
<ul> <li>Nonemployer contrib</li> </ul>	outing entities	No	

### **Note Disclosures**

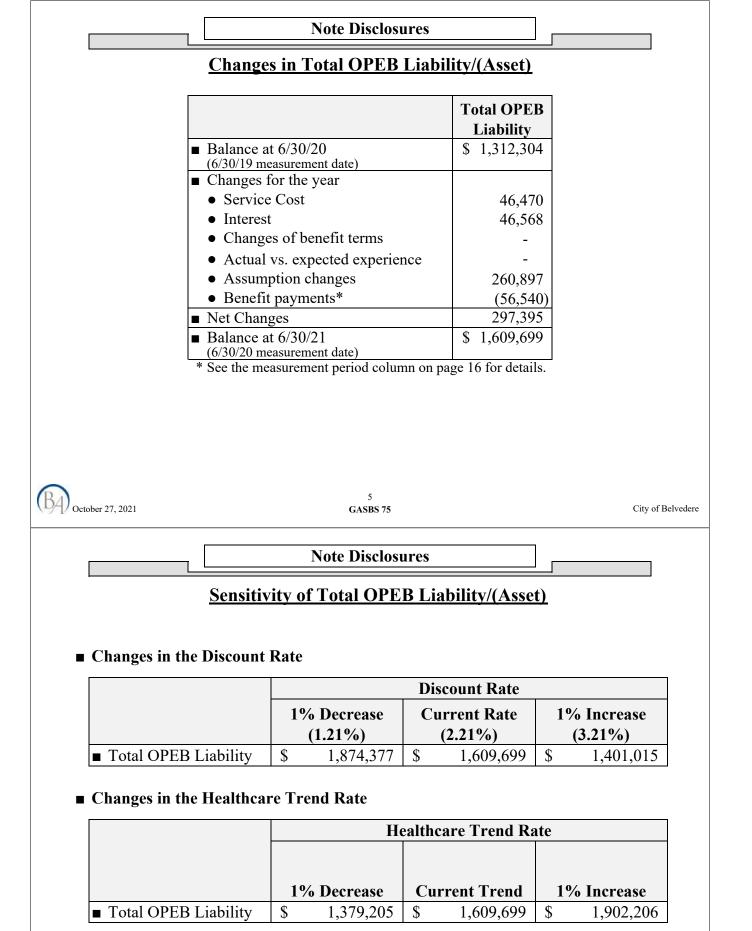
### **Covered Participants\***

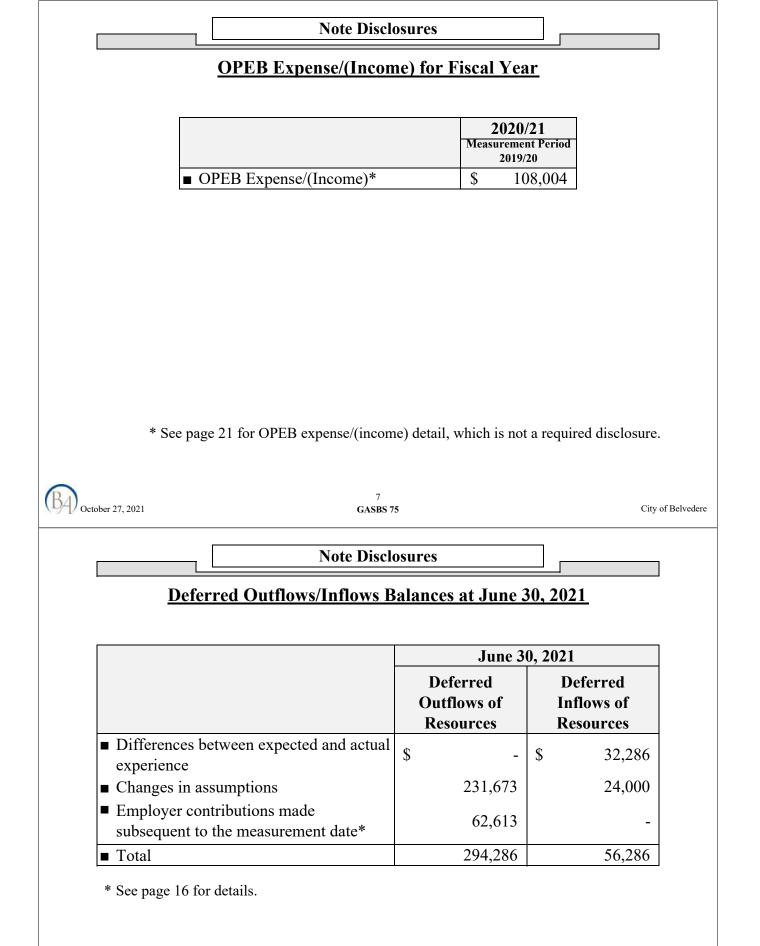
At June 30, 2020, the measurement date, the following numbers of participants were covered by the benefit terms:

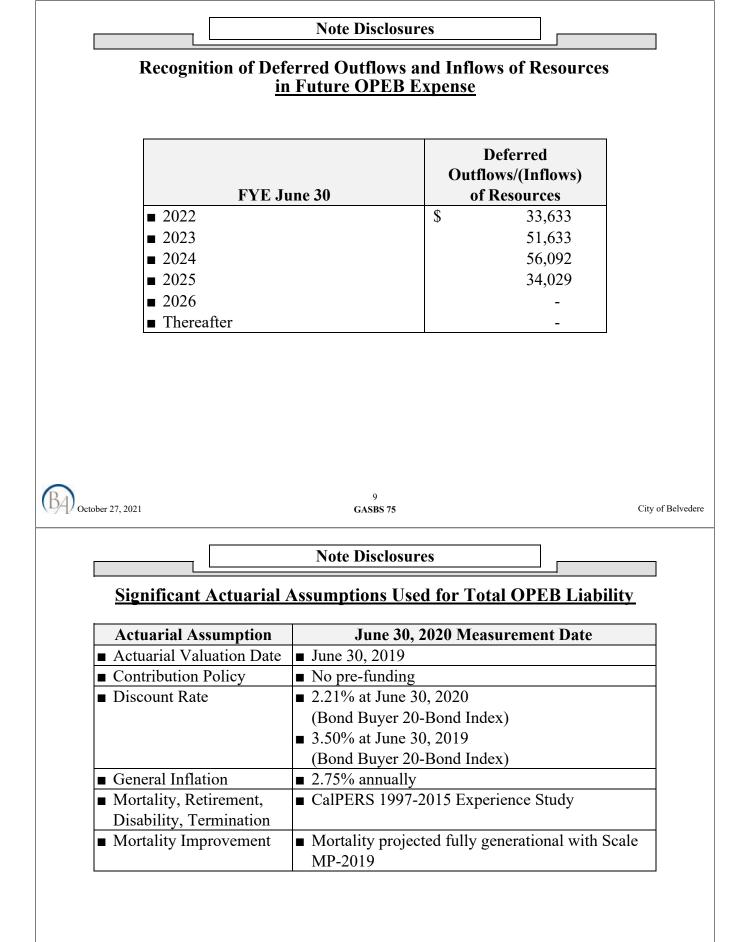
	Number of Covered Participants
Inactives currently receiving benefits	14
■ Inactives entitled to but not yet receiving benefits	6
■ Active employees	19
■ Total	39

\* As reported by the City.

		Fiscal ye	ar I	Lnaea
	6/30/20 6/30/21			
	Measurement Date Measurement D		Measurement Date	
	6/30/19 6/30/20		6/30/20	
■ Total OPEB Liability (TOL)	\$	1,312,304	\$	1,609,699







#### **Note Disclosures**

# Significant Actuarial Assumptions Used for Total OPEB Liability

Actuarial Assumption	June 30, 2020 Measurement Date
<ul> <li>Salary Increases</li> </ul>	■ Aggregate - 3% annually
	■ Merit - CalPERS 1997-2015 Experience Study
<ul> <li>Medical Trend</li> </ul>	■ Non-Medicare - 7.25% for 2021, decreasing to an
	ultimate rate of 4% in 2076
	■ Medicare - 6.30% for 2021, decreasing to an
	ultimate rate of 4% in 2076
PEMHCA Minimum	■ 4.25% annually
Increase	
<ul> <li>Healthcare Participation</li> </ul>	■ Currently covered – 60%
at Retirement	■ Currently waived – 30%

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#### **Note Disclosures**

# Changes Since June 30, 2019 Measurement Date

	June 30, 2020 Measurement Date
<ul> <li>Changes of assumptions</li> </ul>	<ul> <li>Discount rate was updated based on municipal</li> </ul>
	bond rate as of the measurement date
<ul> <li>Changes of benefit terms</li> </ul>	■ None

#### Schedule of Changes in Total OPEB Liability/(Asset) and Related Ratios

	2	2020/21	
	Measurement Perio 2019/20		
Changes in Total OPEB Liability			
Service Cost	\$	46,470	
• Interest		46,568	
• Changes of benefit terms		-	
• Actual vs. expected experience		-	
Assumption changes		260,897	
• Benefit payments		(56,540)	
Net Changes		297,395	
■ Total OPEB Liability (beginning of year)		1,312,304	
■ Total OPEB Liability (end of year)		1,609,699	

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## **Required Supplementary Information**

#### Schedule of Changes in Total OPEB Liability/(Asset) and Related Ratios

		2020/21
	Mea	asurement Date 6/30/20
■ Total OPEB Liability/(Asset)	\$	1,609,699
Covered employee payroll*		2,498,209
<ul> <li>Total OPEB Liability as a percentage of covered employee payroll</li> </ul>		64.4%

\* For the 12-month period ended on June 30, 2020 (Measurement Date).
 As reported by the City.

Actuarial Certification

This report presents the City of Belvedere Retiree Healthcare Plan 2020/21 disclosure under Governmental Accounting Standards Board Statement No. 75 (GASBS 75). This report may not be appropriate for other purposes, although it may be useful to the City for the Plan's financial management.

This report is based on information provided by the City which we relied on and did not audit. Further information regarding the full valuation that the report is based on may be found in the Appendix of the June 30, 2019 GASB 75 report. The June 30, 2019 full valuation is based on plan provisions and participant data provided by the City, all of which we relied on and did not audit. We reviewed the census data for reasonableness.

Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as: plan experience differing from that anticipated by the assumptions; changes in assumptions; changes expected as part of the natural progression of the plan; and changes in plan provisions or applicable law. Actuarial models necessarily rely on the use of estimates and are sensitive to changes. Small variations in estimates may lead to significant changes in actuarial measurements. Due to the limited scope of this assignment, we did not perform an analysis of the potential range of such measurements.

To the best of my knowledge, this report is complete and accurate and has been conducted using generally accepted actuarial principles and practices and complies with applicable Actuarial Standards of Practice. Additionally, in my opinion, actuarial methods and assumptions comply with GASBS 75. As the actuary, I have recommended the assumptions used in this report, and I believe they are reasonable. As a member of the American Academy of Actuaries meeting the Academy Qualification Standards, I certify the actuarial results and opinions herein.

Respectfully submitted,

marken h. Oliver

Marilyn Oliver, FSA, FCA, MAAA Vice President Bartel Associates, LLC October 27, 2021

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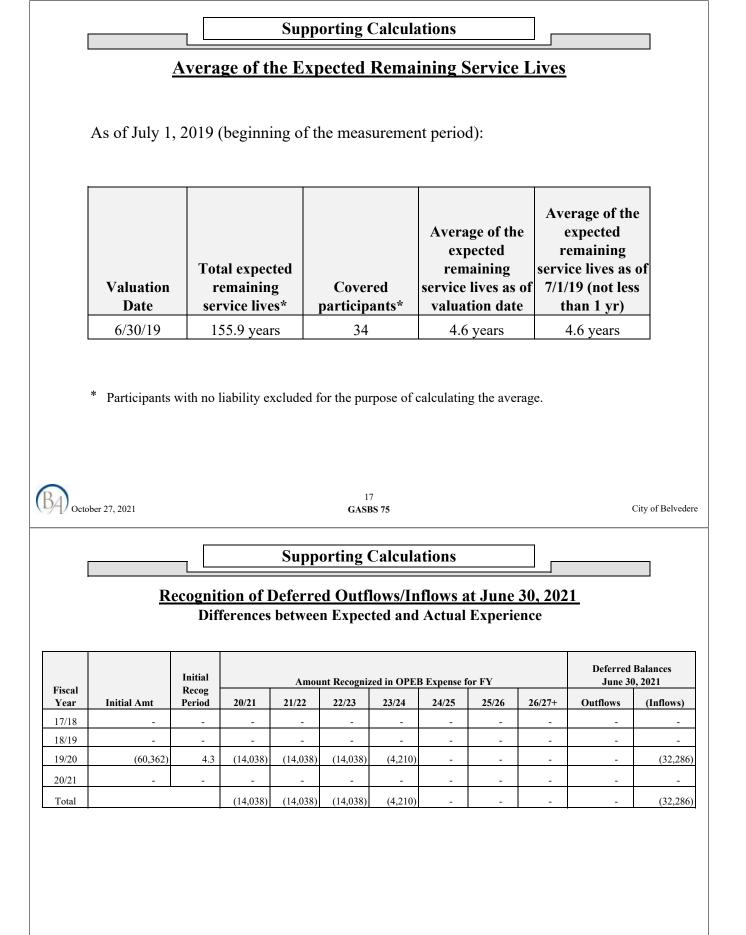
#### **Supporting Calculations**

#### **Employer Contributions**

	Measurement Period	Measurement Date to FYE	Prior Measurement Date to Prior FYE
	7/1/19 to 6/30/20	7/1/20 to 6/30/21	Same as Measurement Period
<ul> <li>Cash benefit payments</li> </ul>	\$ 38,962	\$ 37,913	\$ 38,962
<ul> <li>Implied subsidy benefit payments</li> </ul>	17,578	24,391	17,578
<ul> <li>Total benefit payments</li> </ul>	56,540	62,304	56,540
<ul> <li>Administrative expenses</li> </ul>	333	309	333
<ul> <li>Total employer contributions</li> </ul>	56,873	62,613	56,873

Measurement period (7/1/19 to 6/30/20): \$56,873 Fiscal year (7/1/20 to 6/30/21): \$62,613

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#### **Supporting Calculations**

#### **Recognition of Deferred Outflows/Inflows at June 30, 2021** Changes of Assumptions

		Initial		Amount Recognized in OPEB Expense for FY						Deferred June 3(	
Fiscal Year	Initial Amt	Recog Period	20/21	21/22	22/23	23/24	24/25	25/26	26/27+	Outflows	(Inflows)
17/18	(126,000)	4.3	(29,000)	(10,000)	-	-	-	-	-	-	(10,000)
18/19	(47,000)	4.3	(11,000)	(11,000)	(3,000)	-	-	-	-	-	(14,000)
19/20	51,401	4.3	11,954	11,954	11,954	3,585	-	-	-	27,493	-
20/21	260,897	4.6	56,717	56,717	56,717	56,717	34,029	-	-	204,180	-
Total			28,671	47,671	65,671	60,302	34,029	-	-	231,673	(24,000)

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# **Supporting Calculations**

## **Recognition of Deferred Outflows/Inflows in Future OPEB Expense**

	21/22	22/23	23/24	24/25	25/26	Thereafter 26/27+
<ul> <li>Differences between Expected and Actual Experience</li> </ul>	(14,038)	(14,038)	(4,210)	-	-	-
<ul> <li>Changes of Assumptions</li> </ul>	47,671	65,671	60,302	34,029	-	-
■ Total	33,633	51,633	56,092	34,029	-	-



#### **Components of GASBS 75 OPEB Expense**

	2	020/21		
		Measurement Period 2019/20		
■ Service Cost	\$	46,470		
<ul> <li>Interest on Total OPEB Liability</li> </ul>		46,568		
<ul> <li>Administrative expense</li> </ul>		333		
Changes of benefit terms		-		
<ul> <li>Recognition of deferred outflows/(inflows)</li> </ul>				
• Experience		(14,038)		
Assumptions		28,671		
■ OPEB Expense/(Income)		108,004		

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#### **Supporting Calculations**

#### <u>Components of GASBS 75 OPEB Expense</u> Calculation of Interest on Total OPEB Liability 2019/20 Measurement Period

	Dollar Amount	Discount Rate	Portion of Year	Interest
■ Total OPEB Liability	\$ 1,312,304	3.50%	100%	\$ 45,931
<ul> <li>Service Cost</li> </ul>	46,470	3.50%	100%	1,626
■ Changes of benefit terms	-	3.50%	0%	-
■ Experience	-	3.50%	0%	-
Assumption changes*	260,897	3.50%	0%	-
<ul> <li>Benefit payments</li> </ul>	(56,540)	3.50%	50%	 (989)
■ Total interest				46,568

\* Liability determined as of the end of the measurement period, so no interest charge is applicable.

