

IATES, LLC

Las Gallinas Valley Sanitary District Retiree Healthcare Plan

**June 30, 2021 GASBS 75 Accounting Information** As of Measurement Date June 30, 2020 Based on the June 30, 2020 Actuarial Valuation

Mary Elizabeth Redding, Vice President Tak Frazita, Associate Actuary Matthew Childs, Senior Actuarial Analyst **Bartel Associates, LLC** 

November 9, 2021

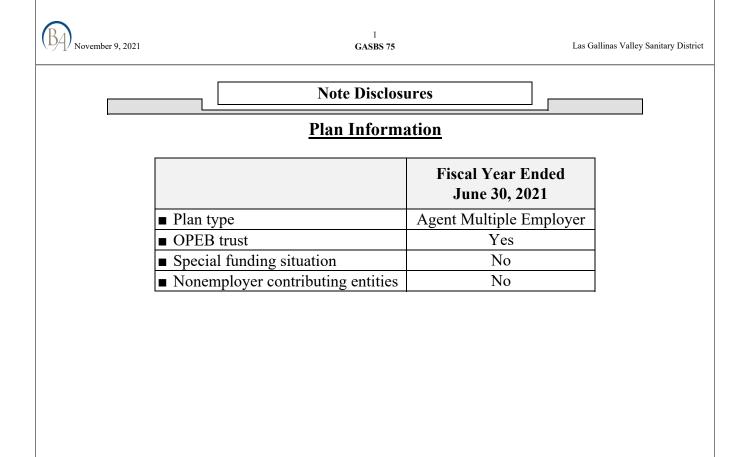
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#### **Applicable Dates**

#### **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, 2020

All amounts as of the June 30, 2019 measurement date and June 30, 2020 reporting date are from the District's financial statements or information propared by the prior actuary. They are included for the reader's convenience only.



		Ν	ote Disclosures		
Expected Long-Term Rate of Return					
			Target Allocation* CERBT-Strategy 2	Expected Rea Rate of Retur	
	Asset C	lass Component	CLINDT Strategy 2		
		al Equity	40%	4.82%	
		1 Income	43%	1.47%	
	• TIPS		5%	1.29%	
		modities	4%	0.84%	
	• REI		8%	3.76%	
		ed Long-Term Rate		2.75%	
		e	Rate of Return, Rounded	6.25%	
BA November 9, 2021			3 GASBS 75	Las Gallina	as Valley Sanitary D
		N	ote Disclosures		
		Cove	ered Participants		
			rement date, the following the benefit terms:	numbers of	
[				Number of	
				Covered	
				Participants	
Ē	<ul> <li>Inactives</li> </ul>	currently receivi	ng benefits	22	
		•	ot yet receiving benefits	-	
			- 0		

Active employees

Total

21 43

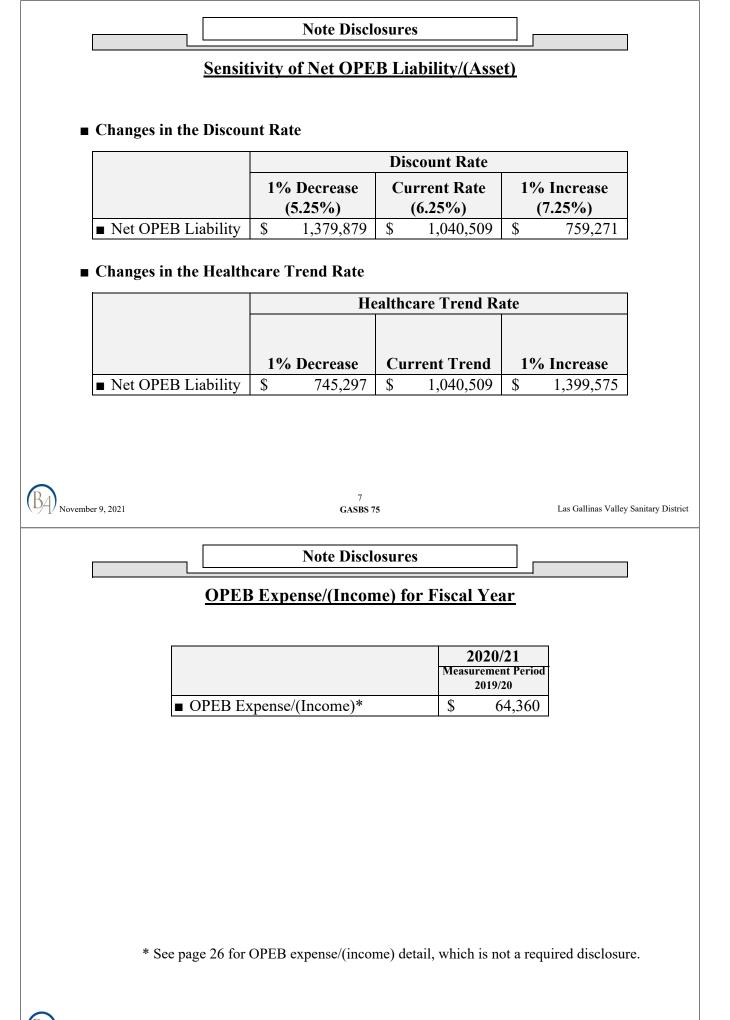
	ote Disclosures				
Net OP	EB Liability/(Ass	set)			
Fiscal Year Ended					
6/30/20 6/30/21					
-	Measurement Date	Measurement Date Measurement Date			
	6/30/19		6/30/20		
■ Total OPEB Liability (TOL)	\$ 3,371,0		2,682,001		
Fiduciary Net Position (FNP)*	1,422,6		1,641,492		
Net OPEB Liability (NOL)	1,948,4		1,040,509		
■ Funded status (FNP/TOL)	42	.2%	61.2%		
9, 2021	5 GASBS 75		Las Gallinas Valley		
	GASBS 75		Las Gallinas Valley		
	GASBS 75 ote Disclosures		Las Gallinas Valley		
N	GASBS 75	y/(Asset)	Las Gallinas Valley		
N	GASBS 75 ote Disclosures et OPEB Liabilit				
N	GASBS 75 ote Disclosures	<u>y/(Asset)</u> Fiduciary Net Position	Las Gallinas Valley Net OPEB Liability		
Changes in No Balance at 6/30/20*	GASBS 75 ote Disclosures et OPEB Liabilit Total OPEB	Fiduciary	Net OPEB		
<ul> <li>Balance at 6/30/20* (6/30/19 measurement date)</li> </ul>	GASBS 75 ote Disclosures et OPEB Liabilit Total OPEB Liability	Fiduciary Net Position	Net OPEB Liability		
<ul> <li><u>Changes in No</u></li> <li>Balance at 6/30/20* (6/30/19 measurement date)</li> <li>Changes for the year</li> </ul>	GASBS 75 ote Disclosures et OPEB Liabilit Total OPEB Liability \$ 3,371,099	Fiduciary Net Position	<b>Net OPEB</b> <b>Liability</b> \$ 1,948,431		
<ul> <li>Balance at 6/30/20* (6/30/19 measurement date)</li> <li>Changes for the year</li> <li>Service Cost*</li> </ul>	GASBS 75 ote Disclosures et OPEB Liabilit Total OPEB Liability \$ 3,371,099 77,111	Fiduciary Net Position	<b>Net OPEB</b> <b>Liability</b> \$ 1,948,431 77,111		
<ul> <li>Notes in Notes in the interest interest in the interest intere</li></ul>	GASBS 75 ote Disclosures et OPEB Liabilit Total OPEB Liability \$ 3,371,099	Fiduciary Net Position	<b>Net OPEB</b> <b>Liability</b> \$ 1,948,431		
<ul> <li>Notes in Notes in Not</li></ul>	GASBS 75 ote Disclosures et OPEB Liabilit Total OPEB Liability \$ 3,371,099 77,111 227,575 -	Fiduciary Net Position	Net OPEB Liability \$ 1,948,431 77,111 227,575		
<ul> <li><u>Changes in No</u></li> <li><u>Balance at 6/30/20*</u> (6/30/19 measurement date)</li> <li>Changes for the year</li> <li>Service Cost*</li> <li>Interest</li> <li>Changes of benefit terms</li> <li>Actual vs. expected experience</li> </ul>	GASBS 75 ote Disclosures et OPEB Liabilit Total OPEB Liability \$ 3,371,099 77,111 227,575 - (538,461)	Fiduciary Net Position	Net OPEB Liability \$ 1,948,431 77,111 227,575 - (538,461)		
<ul> <li>Balance at 6/30/20* (6/30/19 measurement date)</li> <li>Changes for the year</li> <li>Service Cost*</li> <li>Interest</li> <li>Changes of benefit terms</li> <li>Actual vs. expected experience</li> <li>Assumption changes</li> </ul>	GASBS 75 ote Disclosures et OPEB Liabilit Total OPEB Liability \$ 3,371,099 77,111 227,575 -	Fiduciary Net Position \$ 1,422,668 - - - - - - - -	Net OPEB Liability \$ 1,948,431 77,111 227,575 - (538,461) (321,884)		
<ul> <li>Notes in Notes in Not</li></ul>	GASBS 75 ote Disclosures et OPEB Liabilit Total OPEB Liability \$ 3,371,099 77,111 227,575 - (538,461)	Fiduciary Net Position	Net OPEB Liability \$ 1,948,431 77,111 227,575 - (538,461)		
No         Changes in No         Changes in No         Balance at 6/30/20*         (6/30/19 measurement date)         Changes for the year         Service Cost*         Interest         Changes of benefit terms         Actual vs. expected experience         Assumption changes         Contributions - employee	GASBS 75 ote Disclosures et OPEB Liabilit Total OPEB Liability \$ 3,371,099 77,111 227,575 - (538,461)	Fiduciary Net Position \$ 1,422,668 - - - - 273,462 -	Net OPEB Liability \$ 1,948,431 77,111 227,575 - (538,461) (321,884) (273,462) -		
No         Changes in No         Changes in No         Balance at 6/30/20*         (6/30/19 measurement date)         Changes for the year         Service Cost*         Interest         Changes of benefit terms         Actual vs. expected experience         Assumption changes         Contributions - employee         Net investment income	GASBS 75 ote Disclosures et OPEB Liabilit Total OPEB Liability \$ 3,371,099 77,111 227,575 - (538,461) (321,884) - - -	Fiduciary Net Position \$ 1,422,668 - - - - 273,462 - 79,999	Net OPEB Liability \$ 1,948,431 77,111 227,575 - (538,461) (321,884)		
No         Changes in No         Changes in No         Balance at 6/30/20*         (6/30/19 measurement date)         Changes for the year         Changes for the year         Service Cost*         Interest         Changes of benefit terms         Actual vs. expected experience         Assumption changes         Contributions - employeer**         Contributions - employee         Net investment income         Benefit payments**	GASBS 75 ote Disclosures et OPEB Liabilit Total OPEB Liability \$ 3,371,099 77,111 227,575 - (538,461)	Fiduciary Net Position \$ 1,422,668 - - - 273,462 - 79,999 (133,439)	Net OPEB Liability \$ 1,948,431 77,111 227,575 (538,461) (321,884) (273,462) - (79,999)		
No         Changes in No         Changes for the year         Service Cost*         Interest         Changes of benefit terms         Actual vs. expected experience         Assumption changes         Contributions - employeer**         Contributions - employee         Net investment income         Benefit payments**         Administrative expenses***	GASBS 75 ote Disclosures et OPEB Liabilit Total OPEB Liability \$ 3,371,099 77,111 227,575 - (538,461) (321,884) - - (133,439) -	Fiduciary Net Position \$ 1,422,668 - - - 273,462 - 79,999 (133,439) (1,198)	Net OPEB Liability \$ 1,948,431 77,111 227,575 - (538,461) (321,884) (273,462) - (79,999) - 1,198		
No         Changes in No         Changes in No         Balance at 6/30/20*         (6/30/19 measurement date)         Changes for the year         Changes for the year         Service Cost*         Interest         Changes of benefit terms         Actual vs. expected experience         Assumption changes         Contributions - employeer**         Contributions - employee         Net investment income         Benefit payments**	GASBS 75 ote Disclosures et OPEB Liabilit Total OPEB Liability \$ 3,371,099 77,111 227,575 - (538,461) (321,884) - - -	Fiduciary Net Position \$ 1,422,668 - - - 273,462 - 79,999 (133,439)	Net OPEB Liability \$ 1,948,431 77,111 227,575 (538,461) (321,884) (273,462) - (79,999)		

\* From prior actuary's report

\*\* See the measurement period column on page 20 for details.

\*\*\* Includes trust administrative expenses on page 27 and other administrative expenses on page 20.

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Note	Discl	losures
Note	Discl	losures

# **Deferred Outflows/Inflows Balances at June 30, 2021**

	June 30, 2021		
	Deferred Dutflows of Resources		Deferred Inflows of Resources
<ul> <li>Differences between expected and actual experience</li> </ul>	\$ 433,225	\$	452,230
<ul> <li>Changes in assumptions</li> </ul>	-		584,931
Net difference between projected and actual earnings on plan investments*	14,916		-
Employer contributions made subsequent to the measurement date**	269,692		-
■ Total	717,833		1,037,161

\* Deferred Inflows and Outflows combined for footnote disclosure.

\*\*See page 20 for details.

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**Note Disclosures** 

# Recognition of Deferred Outflows and Inflows of Resources <u>in Future OPEB Expense</u>

FYE June 30	Deferred Outflows/(Inflows) of Resources
■ 2022	\$ (141,202)
<b>2</b> 023	(140,165)
■ 2024	(131,494)
<b>2</b> 025	(95,779)
<b>2</b> 026	(84,233)
■ Thereafter	3,853

#### **Note Disclosures**

# Significant Actuarial Assumptions Used for Total OPEB Liability

Actuarial Assumption	June 30, 2020 Measurement Date
<ul> <li>Actuarial Valuation Date</li> </ul>	■ June 30, 2020
<ul> <li>Contribution Policy</li> </ul>	<ul> <li>District contributes full ADC</li> </ul>
■ Discount Rate and	■ 6.25% at June 30, 2020
Long-Term Expected	■ 6.73% at June 30, 2019
Rate of Return on Assets	<ul> <li>Expected District contributions projected to keep</li> </ul>
	sufficient plan assets to pay all benefits from
<ul> <li>General Inflation</li> </ul>	■ 2.75% annually
■ Mortality, Retirement,	CalPERS 1997-2015 Experience Study
Disability, Termination	
<ul> <li>Mortality Improvement</li> </ul>	<ul> <li>Mortality projected fully generational with Scale MP-2020</li> </ul>

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# **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% for 2022, decreasing to an
	ultimate rate of 4% in 2076
	■ Medicare (Non-Kaiser) - 6.1% for 2022,
	decreasing to an ultimate rate of 4% in 2076
	■ Medicare (Kaiser) - 5% for 2022, decreasing to
	an ultimate rate of 4% in 2076
PEMHCA Minimum	■ 4.25% annually
Increases	
■ Cap Increases	■ Tier 1: 6%
	<ul> <li>Tiers 2-4: Non-Medicare Medical Trend</li> </ul>
<ul> <li>Healthcare Participation</li> </ul>	■ Eligible for amounts larger than PEMHCA
for Future Retirees	minimum: 100%
	■ Eligible for PEMHCA minimum only: 50%

C	hanges Since June 30, 2019 Measurement	Date
<ul> <li>Changes of a</li> </ul>	June 30, 2020 Measuren ssumptions Discount rate was reduced	ient Date
	■ General inflation increased from	2.26% per year
	2.75% per year	2.250/
	<ul> <li>Aggregate payroll decreased from to 3.00% per year</li> </ul>	m 3.25% per yea
	■ Pay merit and longevity increase	es applied
	<ul> <li>Mortality improvement MP-202</li> </ul>	0 applied
	■ CalPERS 1997-2015 experience	study non-
	<ul><li>industrial disability applied</li><li>50% participation if eligible for</li></ul>	РЕМИСА
	■ 50% participation if engible for minimum only	
	<ul> <li>Healthcare trend assumption upon</li> </ul>	lated
	<ul> <li>Spousal coverage assumption up</li> </ul>	dated from 75%
	80%	
	<ul><li>Claims cost model updated</li><li>PEMHCA and CERBT admin feedback</li></ul>	es undated and
	added to normal cost in District	
<ul> <li>Changes of b</li> </ul>	enefit terms  None	
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Schedule of C	13	
Schedule of C	GASBS 75 Required Supplementary Information	
Schedule of C	GASBS 75 Required Supplementary Information Changes in Net OPEB Liability/(Asset) and	d Related Rat
	GASBS 75 Required Supplementary Information Changes in Net OPEB Liability/(Asset) and	<u>d Related Rat</u> 2020/21
■ Change	GASBS 75 Required Supplementary Information Changes in Net OPEB Liability/(Asset) and Mea	d Related Rat
<ul> <li>Change</li> <li>Servi</li> <li>Interest</li> </ul>	GASBS 75  Required Supplementary Information  Changes in Net OPEB Liability/(Asset) and  S in Total OPEB Liability ce Cost est	d Related Rat 2020/21 asurement Period 2019/20
<ul> <li>Change</li> <li>Servi</li> <li>Intere</li> <li>Chan</li> </ul>	GASBS 75  Required Supplementary Information  Changes in Net OPEB Liability/(Asset) and  S in Total OPEB Liability ce Cost est ges of benefit terms	d Related Rat 2020/21 ssurement Period 2019/20 77,111 227,575 -
<ul> <li>Change</li> <li>Servi</li> <li>Intere</li> <li>Chan</li> <li>Actual</li> </ul>	GASBS 75  Required Supplementary Information  Changes in Net OPEB Liability/(Asset) and  Changes in Total OPEB Liability ce Cost est ges of benefit terms al vs. expected experience	<b>2020/21</b> surement Period 2019/20 77,111 227,575 - (538,461)
<ul> <li>Change</li> <li>Servi</li> <li>Intere</li> <li>Chan</li> <li>Actua</li> <li>Assur</li> </ul>	GASBS 75  Required Supplementary Information  Changes in Net OPEB Liability/(Asset) and  Changes in Total OPEB Liability ce Cost est ges of benefit terms al vs. expected experience mption changes	d Related Rat 2020/21 asurement Period 2019/20 77,111 227,575 - (538,461) (321,884)
<ul> <li>Change</li> <li>Servi</li> <li>Intere</li> <li>Chan</li> <li>Actua</li> <li>Assur</li> <li>Bene</li> </ul>	GASBS 75  Required Supplementary Information  Changes in Net OPEB Liability/(Asset) and  Changes in Total OPEB Liability ce Cost est ges of benefit terms al vs. expected experience mption changes fit payments	<b>2020/21</b> <b>surement Period</b> 2019/20 77,111 227,575 - (538,461) (321,884) (133,439)
<ul> <li>Change</li> <li>Servi</li> <li>Intere</li> <li>Chan</li> <li>Actua</li> <li>Assur</li> <li>Bene</li> <li>Net Cha</li> </ul>	13         GASBS 75         Required Supplementary Information         Changes in Net OPEB Liability/(Asset) and         Mea         Sin Total OPEB Liability         s in Total OPEB Liability         ce Cost         Sin Total OPEB Liability         ges of benefit terms         al vs. expected experience         mption changes         fit payments         anges	d Related Rat 2020/21 surement Period 2019/20 77,111 227,575 - (538,461) (321,884) (133,439) (689,098)
<ul> <li>Change</li> <li>Servi</li> <li>Intere</li> <li>Chan</li> <li>Actua</li> <li>Assur</li> <li>Bene</li> <li>Net Cha</li> <li>Total O</li> </ul>	GASBS 75  Required Supplementary Information  Changes in Net OPEB Liability/(Asset) and  Changes in Total OPEB Liability ce Cost est ges of benefit terms al vs. expected experience mption changes fit payments	<b>2020/21</b> <b>surement Period</b> 2019/20 77,111 227,575 - (538,461) (321,884) (133,439)

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

		2020/21	
	Measurement Period 2019/20		
Changes in Plan Fiduciary Net Position			
• Contributions - employer	\$	273,462	
• Contributions - employee		-	
• Net investment income		79,999	
• Benefit payments		(133,439)	
• Administrative expenses		(1,198)	
• Other changes		-	
• Net Changes		218,824	
<ul> <li>Plan Fiduciary Net Position (beginning of year)</li> </ul>		1,422,668	
Plan Fiduciary Net Position (end of year)		1,641,492	

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# **Required Supplementary Information**

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

	2020/21
■ Net OPEB Liability/(Asset)	\$ 1,040,509
<ul> <li>Fiduciary Net Position as a percentage of the Total OPEB Liability</li> </ul>	61.2%
Covered employee payroll*	2,734,659
<ul> <li>Net OPEB Liability as a percentage of covered employee payroll</li> </ul>	38.0%

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

# **Schedule of Employer Contributions**

	Fiscal Year 2020/21
■ Actuarially Determined Contribution (ADC)	\$ 236,657
<ul> <li>Contributions in relation to the actuarially determined contribution*</li> </ul>	269,692
■ Contribution deficiency/(excess)	(33,035)
Covered employee payroll**	3,167,587
<ul> <li>Contributions as a percentage of covered employee payroll</li> </ul>	8.5%

\* See page 20 for details.

\*\* For the 12-month period ended on June 30, 2021 (fiscal year end). As reported by the District.

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# Required Supplementary Information Notes to Schedule of Employer Contribution Methods and Assumptions for

# 2020/21 Actuarially Determined Contribution

	•
<ul> <li>Valuation Date</li> </ul>	■ June 30, 2020
<ul> <li>Actuarial Cost Method</li> </ul>	■ Entry Age Normal, Level % of pay
<ul> <li>Amortization Method</li> </ul>	■ Level % of pay
<ul> <li>Amortization Period</li> </ul>	■ 19-year fixed period for 2020/21
<ul> <li>Asset Valuation Method</li> </ul>	Set to Market Value of Assets
<ul> <li>Discount Rate</li> </ul>	■ 6.25%
<ul> <li>General Inflation</li> </ul>	■ 2.75%
<ul> <li>Medical Trend</li> </ul>	<ul> <li>Non-Medicare - 7% for 2022, decreasing to an ultimate rate of 4% in 2076</li> <li>Medicare (Non-Kaiser) - 6.1% for 2022, decreasing to an ultimate rate of 4% in 2076</li> <li>Medicare (Kaiser) - 5% for 2022, decreasing to</li> </ul>
<ul> <li>Mortality</li> </ul>	an ultimate rate of 4% in 2076 ■ CalPERS 1997-2015 experience study
<ul> <li>Mortality Improvement</li> </ul>	<ul> <li>Mortality projected fully generational with Scale MP-2020</li> </ul>

This report presents the Las Gallinas Valley Sanitary District 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 District for the Plan's financial management.

This report is based on information provided by the District which we relied on and did not audit. Additional information on the actuarial valuation can be found in the June 30, 2020 actuarial valuation report.

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

The Journal Entries in this report are provided for the District's convenience and are not an actuarial communication. Therefore, this actuarial certification does not apply to the Journal Entries. Amounts as of the June 30, 2019 measurement date and earlier are from the prior actuary's report or the District's financial statements and are provided for convenience only.

To the best of our 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 our opinion, actuarial methods and assumptions comply with GASBS 75. As the actuary, we have recommended the assumptions used in this report, and we believe they are reasonable. As members of the American Academy of Actuaries meeting the Academy Qualification Standards, we certify the actuarial results and opinions herein.

Respectfully submitted,

Many aybet Redding

Mary Elizabeth Redding, FSA, EA, FCA, MAAA Vice President Bartel Associates, LLC November 9, 2021

Tak Frazita, FSA, EA, FCA, MAAA Associate Actuary Bartel Associates, LLC November 9, 2021

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#### **Supporting Calculations**

#### **Employer Contributions**

	Me	asurement Period	 asurement ite to FYE	Mea Dat	Prior Isurement e to Prior FYE*
		7/1/19 to 6/30/20	7/1/20 to 6/30/21		Same as asurement Period
<ul> <li>Cash benefit payments</li> </ul>	\$	112,352	\$ 115,218	\$	112,352
<ul> <li>Implied subsidy benefit payments</li> </ul>		21,087	 14,499		21,087
<ul> <li>Total benefit payments</li> </ul>		133,439	129,717		133,439
<ul> <li>Trust reimbursements</li> </ul>		-	-		-
<ul> <li>Benefit payments paid outside of trust</li> </ul>		133,439	129,717		133,439
<ul> <li>Administrative expenses paid outside of trust</li> </ul>		463	415		463
<ul> <li>Trust contributions</li> </ul>		139,560	 139,560		139,560
<ul> <li>Total employer contributions</li> </ul>		273,462	269,692		273,462

Measurement period (7/1/19 to 6/30/20): \$273,462

Fiscal year (7/1/20 to 6/30/21): \$269,692

\* Note: District's prior financial report included \$272,943 as the deferred outflow for contributions after the measurement date. We could not match this exactly with information provided by District.

#### Average of the Expected Remaining Service Lives

July 1, 2019 (beginning of the measurement period) was a valuation date performed by the previous actuary and no census data was available to the current actuary as of that date. Therefore, the average of the expected remaining service lives was estimated as follows:

Valuation Date	Total expected remaining service lives*	Covered participants*	Average of the expected remaining service lives as of valuation date	Average of the expected remaining service lives as of 7/1/20 (not less than 1 yr)
6/30/20	253.6 years	43	5.9 years	5.9 years

\* Participants with no liability excluded for the purpose of calculating the average. Total expected remaining service lives at 6/30/20 was used as an estimate for 6/30/19.

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#### **Supporting Calculations**

#### **<u>Recognition of Deferred Outflows/Inflows at June 30, 2021</u> Differences between Expected and Actual Experience**

Fiscal		Initial Recog	Amount Recognized in OPEB Expense for FY         Deferred Balances								
Year	Initial Amt	Period	20/21	21/22	22/23	23/24	24/25	25/26	26/27+	Outflows	(Inflows)
17/18	156,326	6.8	23,115	23,115	23,115	17,636	-	-	-	63,866	-
18/19	(9,045)	6.8	(1,337)	(1,337)	(1,337)	(1,337)	(1,023)	-	-	-	(5,034)
19/20	514,719	7.1	72,680	72,680	72,680	72,680	72,680	72,680	5,959	369,359	-
20/21	(538,461)	5.9	(91,265)	(91,265)	(91,265)	(91,265)	(91,265)	(82,136)	-	-	(447,196)
Total			3,193	3,193	3,193	(2,286)	(19,608)	(9,456)	5,959	433,225	(452,230)

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

		Initial		Amou	nt Recogniz	zed in OPE	B Expense f	for FY		Deferred June 30	
Fiscal Year	Initial Amt	Recog Period	20/21	21/22	22/23	23/24	24/25	25/26	26/27+	Outflows	(Inflows)
17/18	(457,988)	6.8	(67,720)	(67,720)	(67,720)	(51,668)	-	-	-	-	(187,108)
18/19	-	6.8	-	-	-	-	-	-	-	-	-
19/20	(181,852)	7.1	(25,678)	(25,678)	(25,678)	(25,678)	(25,678)	(25,678)	(2,106)	-	(130,496)
20/21	(321,884)	5.9	(54,557)	(54,557)	(54,557)	(54,557)	(54,557)	(49,099)	-	-	(267,327)
Total			(147,955)	(147,955)	(147,955)	(131,903)	(80,235)	(74,777)	(2,106)	-	(584,931)

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Las Gallinas Valley Sanitary District

# **Supporting Calculations**

#### <u>Recognition of Deferred Outflows/Inflows at June 30, 2021</u> Projected Versus Actual Earnings on Investments

Fiscal		Initial Recog	А	Amount Recognized in OPEB Expense for FYDeferred BalanceJune 30, 2021							
Year	Initial Amt	Period	20/21	21/22	22/23	23/24	24/25	25/26	26/27+	Outflows	(Inflows)
17/18	(5,186)	5.0	(1,037)	(1,038)	-	-	-	-	-	-	(1,038)
18/19	9,509	5.0	1,902	1,902	1,901	-	-	-	-	3,803	-
19/20	(6,846)	5.0	(1,369)	(1,369)	(1,369)	(1,370)	-	-	-	-	(4,108)
20/21	20,324	5.0	4,065	4,065	4,065	4,065	4,064	-	-	16,259	-
Total			3,561	3,560	4,597	2,695	4,064	-	-	20,062	(5,146)
Net D	eferred Outflow	ws/(Inflow	ws)							14,916	-

Calculation of initial amount for 2020/21 (2019/20 measurement period):

Projected earnings on investments of \$100,323 (page 27), less

Actual earnings on investments of \$79,999 (net investment income, page 15)

#### **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>	3,193	3,193	(2,286)	(19,608)	(9,456)	5,959
<ul> <li>Changes of Assumptions</li> </ul>	(147,955)	(147,955)	(131,903)	(80,235)	(74,777)	(2,106)
<ul> <li>Projected Versus Actual Earnings on Investments</li> </ul>	3,560	4,597	2,695	4,064	-	-
<ul> <li>Total</li> </ul>	(141,202)	(140,165)	(131,494)	(95,779)	(84,233)	3,853

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# **Supporting Calculations**

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

		2020/21
	Mea	surement Period 2019/20
■ Service Cost	\$	77,111
Interest on Total OPEB Liability		227,575
<ul> <li>Projected earnings on investments</li> </ul>		(100,323)
Employee contributions		-
<ul> <li>Administrative expense</li> </ul>		1,198
Changes of benefit terms		-
Recognition of deferred outflows/(inflows)		
• Experience		3,193
• Assumptions		(147,955)
• Asset returns		3,561
■ OPEB Expense/(Income)		64,360

<u>Components of GASBS 75 OPEB Expense\*</u> Calculation of Projected Earnings on Investments

	Dollar Amount	Expected Return	Portion of Year	Projected Earnings
<ul> <li>Fiduciary Net Position (beginning of year)</li> </ul>	\$ 1,422,668	6.73%	100%	\$ 95,746
<ul><li>Employer contributions</li><li>Employee contributions</li></ul>	139,560	6.73% 6.73%		4,602
<ul><li>Benefit payments</li><li>Administrative expenses</li></ul>	(735)	6.73% 6.73%	0% 50%	- (25)
Projected earnings				100,323

\* The items on this page reflect trust activity only.

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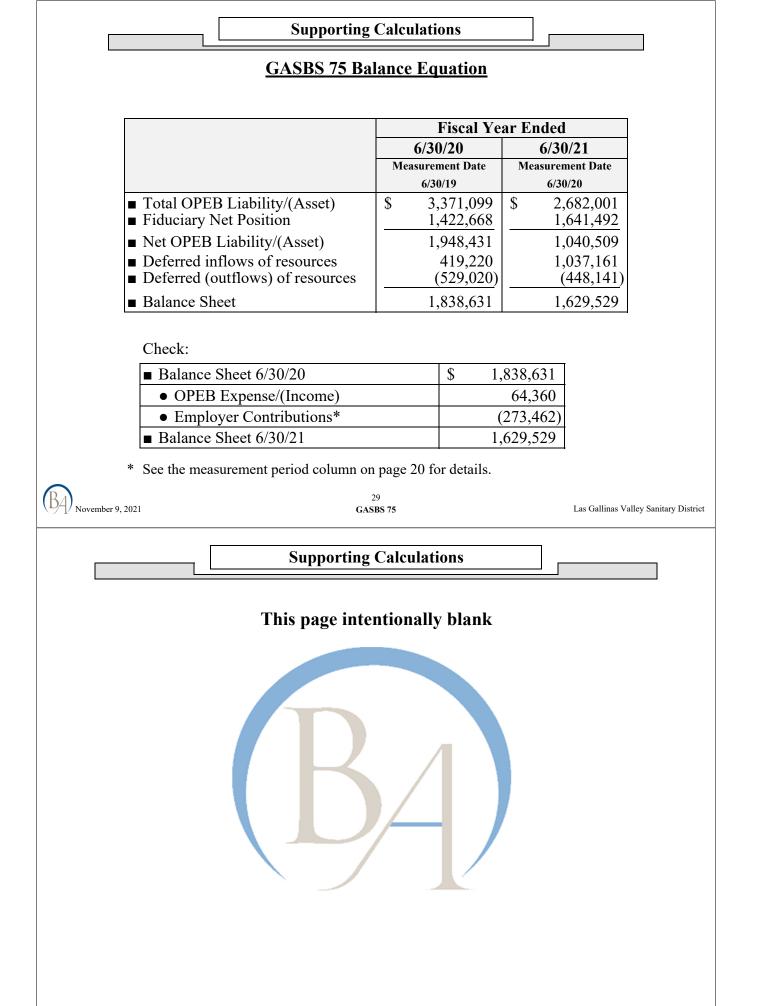
Las Gallinas Valley Sanitary District

## **Supporting Calculations**

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

	Dollar Amount	Discount Rate	Portion of Year	Interest
Total OPEB Liability	\$ 3,371,099	6.73%	100%	\$ 226,875
■ Service Cost	77,111	6.73%	100%	5,190
■ Changes of benefit terms	-	6.73%	0%	-
■ Experience*	(538,461)	6.73%	0%	-
Assumption changes*	(321,884)	6.73%	0%	-
<ul> <li>Benefit payments</li> </ul>	(133,439)	6.73%	50%	(4,490)
<ul> <li>Total interest</li> </ul>				227,575

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



Journal E	ntries		
<b>Employer Con</b>	<u>tributions</u>		
The entries below assume cash benefit payme administrative expenses have been charged to accounting entries have been made for the cur which is recorded as a reduction to active emp for details.	OPEB Expens	e when pa ed subsidy	id, and that no v payment,
Following records the impact of employer con resources and as a reduction to Net OPEB Lia		eferred ou	tflows of
		Debit	(Credit)
<ul> <li>Net OPEB Liability - (for contributions paid 7/1 6/30/20)</li> </ul>	/19 to	\$ 273,46	2 \$ -
■ Deferred Outflow - 7/1/19 to 6/30/20 contribution	ons	-	(273,462)
Deferred Outflow - 7/1/20 to 6/30/21 contribution		269,69	2 -
<ul> <li>Active employee health care costs - (implied sub 7/1/20 to 6/30/21)</li> </ul>	osidy payments	-	(14,499)
■ OPEB Expense - (for contributions paid 7/1/20 t	to 6/30/21)	-	(255,193)
Check		543,15	4 (543,154)
GASBS 75			Las Gallinas Valley
Journal El			
Summary Journal Entri Following records the impact of current year			
<ul> <li>Deferred Outflows*</li> </ul>	<b>Debit</b> \$ 14,9	916 \$	(Credit) (95,795)
<ul> <li>Deferred Inflows**</li> </ul>	. ,	347	(619,788)
<ul> <li>OPEB Expense/Credit</li> </ul>	64,3		(01),700)
<ul> <li>Net OPEB Liability</li> </ul>	634,4		-
Check	715,:	583	(715,583)

Ending Bal	ances at Ju	<u>ine 30, 202</u>	<u>1</u>	
		Deb	it	(Credit)
<ul> <li>Deferral: Differences between expect</li> </ul>	ted and actua			(create)
experience			33,225 \$	(452,230)
Deferral: Changes of assumptions			-	(584,931)
Deferral: Net differences between projected and				
actual earnings on plan investments			4,916	-
<ul> <li>Total deferred outflow/inflow</li> </ul>	44	448,141		
Net OPEB Liability (NOL)		-	(1,040,509)	
Contributions after the Measurement		59,692	-	
Net Impact		1,33	59,837	-
Check:		2,077,670		(2,077,670)
	VE 2021	64,360		
	33 GASBS 75		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	- Las Gallinas Valley Sa
Total OPEB expense/(income) for FY mber 9, 2021 Jon	33			- Las Gallinas Valley Sa
mber 9, 2021	33 GASBS 75 urnal Entrie	28 		- Las Gallinas Valley Sa
nber 9, 2021 Joi Reconciliation	GASBS 75 urnal Entrie	ed Outflov		- Las Gallinas Valley Sa
nber 9, 2021 Joi Reconciliation	33 GASBS 75 urnal Entrie	ed Outflov		- Las Gallinas Valley Sa
nber 9, 2021 Joi Reconciliation	GASBS 75 urnal Entrie	ed Outflov		Las Gallinas Valley Sa
nber 9, 2021 Joi Reconciliation	GASBS 75 urnal Entrie n of Deferr tail for page 3	ed Outflow	<u></u>	
nber 9, 2021	GASBS 75 Urnal Entrie n of Deferr tail for page 3 Opening Balance - Debit	ed Outflov 2 Journal Entry - Debit	Journal Entry - (Credit)	Ending Balance - Debit
nber 9, 2021	<sup>33</sup> GASBS 75 urnal Entrie n of Deferr tail for page 3 Opening Balance -	ed Outflov 2 Journal Entry -	<u>Journal</u> Entry -	Ending Balance - Debit
nber 9, 2021	GASBS 75 Urnal Entrie n of Deferr tail for page 3 Opening Balance - Debit	ed Outflov 2 Journal Entry - Debit	Journal Entry - (Credit)	Ending Balance - Debit
nber 9, 2021	GASBS 75 Urnal Entrie n of Deferr tail for page 3 Opening Balance - Debit	ed Outflov 2 Journal Entry - Debit \$ -	Journal Entry - (Credit)	Ending Balance - Debit 5) \$ 433,225 -
nber 9, 2021 Jou <u>Jou</u> <u>Reconciliation</u> Deferred Outflows Differences between actual and expected experience Change in assumptions Differences between projected and actual earnings on plan investments	33 GASBS 75 urnal Entrie n of Deferr tail for page 3 Opening Balance - Debit \$ 529,020 - -	ed Outflov 2 Journal Entry - Debit \$ - 14,916	VS Journal Entry - (Credit) \$ (95,795 - -	Ending Balance - Debit 5) \$ 433,225 - 14,916
nber 9, 2021	GASBS 75 Urnal Entrie n of Deferr tail for page 3 Opening Balance - Debit	ed Outflov 2 Journal Entry - Debit \$ -	Journal Entry - (Credit)	Ending Balance - Debit 5) \$ 433,225 - 14,916 5) 448,141

	rnal Entrie			
<u>Reconciliation</u> Deta	n of Defer ail for page 3		<u>8</u>	
Deferred Inflows	Opening Balance - (Credit)	Journal Entry- (Credit)	Journal Entry - Debit	Ending Balance - (Credit)
Differences between actual and expected	•	<b>•</b> (115 0 <b>•</b> 0)	<b>.</b>	<b>•</b> (1 <b>••</b> • • • • • • • • • • • • • • • • • •
experience	\$ (6,371)		\$ -	\$ (452,230) (584,021)
Change in assumptions	(411,002)	(173,929)	-	(584,931)
Differences between projected and actual earnings on plan investments	(1,847)	-	1,847	-
Total Deferred (Inflows)	(419,220)	(619,788)	1,847	(1,037,161)
	35			
	GASBS 75			as Gallinas Valley Sani
		2 <u>8</u>		as Gallinas Valley Sani
Jour Reconciliation of D	GASBS 75 rnal Entrie	utflows/(In		as Gallinas Valley Sani
Jour Reconciliation of D	GASBS 75 rnal Entrie eferred O	utflows/(In ances		as Gallinas Valley Sani
Jour Reconciliation of De	GASBS 75 rnal Entrie eferred O ary of Bala	utflows/(In	<u>flows)</u> ar Ended	
Jour	GASBS 75 rnal Entrie eferred O ary of Bala	utflows/(In ances Fiscal Yes /30/20 arement Date	flows) ar Ended 6/30/2 Measuremen	21 nt Date
Jour <u>Reconciliation of De</u> Summa	GASBS 75 rnal Entrie eferred O ary of Bala 6 Measu	utflows/(In ances Fiscal Ye /30/20 rrement Date 6/30/19	flows) ar Ended 6/30/2 Measuremer 6/30/2(	21 nt Date 0
☐ Jour <u>Reconciliation of D</u> Summa ■ Total OPEB (Liability)/Asset	GASBS 75 rnal Entrie eferred O ary of Bala 6 Measu	utflows/(In ances Fiscal Yes /30/20 trement Date 6/30/19 (3,371,099)	flows) ar Ended 6/30/2 Measuremen 6/30/2( \$ (2,68	21 nt Date 0 32,001)
Jour         Reconciliation of D         Summa         • Total OPEB (Liability)/Asset         • Fiduciary Net Position	GASBS 75 rnal Entrie eferred O ary of Bala 6 Measu \$	utflows/(In inces Fiscal Yes /30/20 irement Date 6/30/19 (3,371,099) 1,422,668	<b>flows)</b> ar Ended 6/30/2 Measuremer 6/30/20 \$ (2,68 1,64	21 nt Date 0 32,001) 41,492
☐ Jour <u>Reconciliation of D</u> Summa ■ Total OPEB (Liability)/Asset	GASBS 75 rnal Entrie eferred O ary of Bala 6 Measu \$	utflows/(In ances Fiscal Yes /30/20 trement Date 6/30/19 (3,371,099)	<b>ar Ended</b> 6/30/2 Measuremen 6/30/20 \$ (2,68 1,64 (1,04	21 nt Date 0 32,001)
Example A set of the set of	GASBS 75 rnal Entrie eferred O ary of Bala 6 Measu 5	utflows/(In ances Fiscal Ye /30/20 rrement Date 6/30/19 (3,371,099) 1,422,668 (1,948,431)	<b>flows)</b> ar Ended 6/30/2 Measuremer 6/30/20 \$ (2,68 1,64 (1,04 (1,03	21 nt Date 0 32,001) 41,492 40,509)

Deferred Outflows include contributions after the measurement date.