East Bay Municipal Utility District Employees' Retirement System

Actuarial Valuation and Review of Pension Plan and Health Insurance Benefit Plan as of June 30, 2024

Supplemental Exhibits

Segal

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January 14, 2025

Ms. Sophia Skoda
Director of Finance
East Bay Municipal Utility District
375 Eleventh Street
Oakland, CA 94607-4240

Re: June 30, 2024 actuarial valuations – supplemental exhibits

Dear Sophia:

Enclosed please find two exhibits that provide supplemental information to the June 30, 2024 actuarial valuations for the Pension and Health Insurance Benefit (HIB) Plans.

Exhibit A provides a summary of the funding valuation results for both the Pension and HIB Plans. In particular, for the HIB Plan, this information is based on our HIB funding valuation report dated January 14, 2025 that includes a maximum monthly benefit of $450 ($550 benefit for a retiree with a spouse or EBMUD domestic partner). It does not include the accounting liability for the "implicit subsidy" associated with the pooling of the health care premium rate for actives and retirees under age 65.

In Exhibit B, we have included a comparison of the historical Projected Benefit Obligations with the market value of assets for both Plans. We look forward to discussing this information with you and the Board.

Sincerely,

Segal

Andy Yeung, ASA, MAAA, FCA, EA
Vice President and Actuary

Emily Klare, ASA, MAAA, EA
Senior Actuary

Mehdi Riazi, FSA, MAAA, FCA, EA
Vice President and Actuary

DNA/jl

Summary of Significant Valuation Results for the Funding Valuations

Category	June 30, 2024	June 30, 2023	Change
1. Total membership			
a. Active members	1,974	1,955	1.0%
b. Pensioners and beneficiaries	2,176	2,117	2.8%
2. Valuation salary[1]			
a. Total projected compensation	$273,428,306	$262,272,600	4.3%
b. Average projected compensation	138,515	134,155	3.2%
3. Total System assets			
a. Valuation value of Pension Plan assets	$2,391,378,364	$2,251,690,803	6.2%
b. Valuation value of HIB Plan assets	69,836,226	62,769,259	11.3%
c. Total valuation value (actuarial value)	**$2,461,214,590**	**$2,314,460,062**	**6.3%**
d. Market value of Pension Plan assets	$2,445,611,000	$2,194,142,000	11.5%
e. Market value of HIB Plan assets	71,420,000	61,165,000	16.8%
f. Total market value	**$2,517,031,000**	**$2,255,307,000**	**11.6%**
4. Unfunded actuarial accrued liability (UAAL) and funding ratio[2]			
a. Pension Plan UAAL	$752,349,976	$742,738,347	1.3%
b. Pension Plan funded ratio	76.1%	75.2%	0.9%
c. HIB Plan UAAL	$64,920,252	$68,858,196	-5.7%
d. HIB Plan funded ratio	51.8%	47.7%	4.1%
e. Pension Plan and HIB Plan UAAL	$817,270,228	$811,596,543	0.7%
f. Pension Plan and HIB Plan funded ratio	75.1%	74.0%	1.1%

Note: The HIB information is based on our HIB funding valuation report that includes a maximum monthly benefit of $450 ($550 for a retiree with a spouse or EBMUD domestic partner). It does not include the accounting liability for the “implicit subsidy” associated with the pooling of the health care premium rate for actives and retirees under age 65.

[1] Projected payroll.
[2] Based on valuation value of assets.

Summary of Significant Valuation Results

Category	June 30, 2024	June 30, 2023	Change
5. Projected benefit obligation (PBO) and funded ratio[1]			
a. Pension Plan PBO	$3,067,277,000	$2,926,665,000	4.8%
b. Pension Plan funded ratio	79.7%	75.0%	4.7%
c. HIB Plan PBO	$142,381,000	$138,464,000	2.8%
d. HIB Plan funded ratio	50.2%	44.2%	6.0%
e. Pension Plan and HIB Plan PBO	$3,209,658,000	$3,065,129,000	4.7%
f. Pension Plan and HIB Plan funded ratio	78.4%	73.6%	4.8%

Budget Items[2]	FY 2025–2026 1955/1980 Plan	FY 2025–2026 2013 Tier	FY 2025–2026 Combined[3]	FY 2024–2025 1955/1980 Plan	FY 2024–2025 2013 Tier	FY 2024–2025 Combined[3]	Difference 1955/1980 Plan	Difference 2013 Tier	Difference Combined[3]
A. Pension Plan									
1. Total normal cost	28.24%	20.16%	23.79%	27.83%	19.79%	23.40%	0.41%	0.37%	0.39%
2. Employee contributions	8.66%[4]	10.08%	9.44%	8.66%[4]	9.41%	9.07%	0.00%	0.67%	0.37%
3. Employer normal cost (A1 – A2)	19.58%	10.08%	14.35%	19.17%	10.38%	14.33%	0.41%	-0.30%	0.02%
4. UAAL (paid by employer)	25.85%	25.85%	25.85%	25.42%	25.42%	25.42%	0.43%	0.43%	0.43%
5. Total employer contribution (A3 + A4)	**45.43%**	**35.93%**	**40.20%**	**44.59%**	**35.80%**	**39.75%**	**0.84%**	**0.13%**	**0.45%**
B. HIB Plan									
1. Total normal cost	0.97%	0.76%	0.85%	0.95%	0.79%	0.86%	0.02%	-0.03%	-0.01%
2. Employee contributions	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.00%	0.00%	0.00%
3. Employer normal cost (B1 – B2)	0.88%	0.67%	0.76%	0.86%	0.70%	0.77%	0.02%	-0.03%	-0.01%
4. UAAL (paid by employer)	3.55%	3.55%	3.55%	3.57%	3.57%	3.57%	-0.02%	-0.02%	-0.02%
5. Total employer contribution (B3 + B4)	**4.43%**	**4.22%**	**4.31%**	**4.43%**	**4.27%**	**4.34%**	**0.00%**	**-0.05%**	**-0.03%**
C. Total contribution									
1. Employee contribution (A2 + B2)	8.75%	10.17%	9.53%	8.75%	9.50%	9.16%	0.00%	0.67%	0.37%
2. Employer contribution (A5 + B5)	49.86%	40.15%	44.51%	49.02%	40.07%	44.09%	0.84%	0.08%	0.42%

1 Based on market value of assets.
2 Contribution rates, payable at the end of each pay period, are expressed as a percentage of projected payroll.
3 Aggregated based on June 30, 2024 projected annual payroll.
4 The rate of 8.66% payable during fiscal years 2024/2025 and 2025/2026 is calculated by taking the total employee rate payable beginning April 18, 2016 (i.e., 8.75%), less the HIB employee contribution rate of 0.09%.

Comparison of Projected Benefit Obligation with the Market Value of Assets

($ in thousands)

Actuarial Valuation Date	Projected Benefit Obligation	Market Value of Assets	Funded Ratio
06/30/2002	$749,113	$536,449	71.6%
06/30/2003	880,054	545,527	62.0%
06/30/2004	928,434	640,641	69.0%
06/30/2005	999,231	694,590	69.5%
06/30/2006	1,068,966	763,455	71.4%
06/30/2007	1,160,325	911,104	78.5%
06/30/2008	1,289,236	838,614	65.0%
06/30/2009	1,366,207	668,750	48.9%
06/30/2010	1,444,258	769,052	53.2%
06/30/2011	1,498,879	968,239	64.6%
06/30/2012	1,606,973	986,972	61.4%
06/30/2013	1,699,340	1,124,328	66.2%
06/30/2014	1,815,349	1,346,888	74.2%
06/30/2015	1,907,462	1,407,209	73.8%
06/30/2016	2,061,202	1,418,129	68.8%
06/30/2017	2,137,483	1,612,644	75.4%
06/30/2018	2,292,859	1,753,240	76.5%
06/30/2019	2,413,489	1,832,965	75.9%
06/30/2020	2,607,362	1,857,609	71.2%
06/30/2021	2,675,737	2,328,722	87.0%
06/30/2022	2,908,908	2,058,923	70.8%
06/30/2023	3,065,129	2,255,307	73.6%
06/30/2024	3,209,658	2,517,031	78.4%

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