



February 28, 2023

Mr. Scott Baur  
The Resource Centers, LLC  
4360 Northlake Blvd., Suite 206  
Palm Beach Gardens, FL 33410

**Re: City of Okeechobee Firefighters' Retirement System  
GASB Statement No. 67 Year End (*True-Up*)**

Dear Scott:

As requested, we are pleased to enclose a copy of the Year-End Disclosure Report of actuarial information as of September 30, 2022 for the City of Okeechobee Firefighters' Retirement System (System) required under GASB Statement Number 67.

Enclosed are the following exhibits:

- Statement of Change in Net Pension Liability and Ratios
- Schedule of Contributions
- Notes to Schedule of Contributions
- Discount Rate
- Sensitivity Analysis

The actuarial valuation of the liabilities is determined as of the beginning of the year, October 1, 2021, and *rolled forward* to the measurement date, September 30, 2022. As you are aware, using the beginning year valuation liabilities allows for timelier reporting at year end. If significant changes occur during the year, such as benefit changes or changes in assumptions or methods, these may need to be reflected in the process.

The enclosed exhibits are based upon draft financial information as of September 30, 2022 which was furnished by the System. If any of this information changes during the auditing process, then these exhibits may need to be revised.

Please note there are other items not listed above that will be required in the System's financial statements and / or the City's Comprehensive Annual Financial Report to fully comply with GASB Statement Number 67 standards. This additional information will need to be provided by the System's investment consultants, accountants or other financial statement preparers.

## **Required Disclosures**

System provisions, member census data and actuarial assumptions and methods employed for purposes of our calculations are the same System provisions, member census data and actuarial assumptions and methods utilized for the October 1, 2021 Actuarial Valuation.

The actuarial assumptions used in the Actuarial Valuation are as adopted by the Board of Trustees. The mortality assumptions are prescribed by statute. Each assumption represents an estimate of future System experience.

Draft financial data was provided by the System for the October 1, 2022 Actuarial Valuation. Total DROP account balances as of September 30, 2022 are reported as \$0. Total Share Plan account balances as of September 30, 2022 are reported as \$1,723.

The GASB Net Pension Liability and System Fiduciary Net Position as a Percentage of Total Pension Liability may not be appropriate for assessing the sufficiency of System assets to meet the estimated cost of settling benefit obligations but may be appropriate for assessing the need for or the amount of future contributions.

Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following: System experience differing from anticipated under the economic or demographic assumptions; changes in economic or anticipated under the economic or demographic assumptions; changes in economic or demographic assumptions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period); and changes in System provisions or applicable law. Due to the limited scope of the actuary's assignment, the actuary did not perform an analysis of the potential range of such future measurements.

This report should not be relied on for any purpose other than the purpose described in the primary communication. Determinations of the financial results associated with the benefits described in this report in a manner other than the intended purpose may produce significantly different results.

This report was prepared using our proprietary valuation model and related software which in our professional judgment has the capability to provide results that are consistent with the purposes of the valuation and has no material limitations or known weaknesses. We performed tests to ensure that the model reasonably represents that which is intended to be modeled.

This report has been prepared by actuaries who have substantial experience valuing public employee retirement plans. To the best of our knowledge the information contained in this report is accurate and fairly presents the actuarial position of the System as of the valuation date. All calculations have been



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made in conformity with generally accepted actuarial principles and practices, with the Actuarial Standards of Practice issued by the Actuarial Standards Board and with applicable statutes.

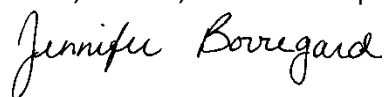
This report was prepared at the request of the Board and is intended for use by the Board and those designated or approved by the Board. This report may be provided to parties other than the Board only in its entirety and only with the permission of the Board. GRS is not responsible for unauthorized use of this report.

The signing actuaries are independent of the System sponsor.

The undersigned are Members of the American Academy of Actuaries and meet the qualification standards of the American Academy of Actuaries to render the actuarial opinions contained in this report.

If you should have any questions concerning the above or if we may be of further assistance with this matter, please do not hesitate to contact us.

Sincerest regards,  
Gabriel, Roeder, Smith & Company



Jennifer M. Borregard, E.A.  
Consultant and Actuary



Shelly L. Jones, A.S.A., E.A.  
Consultant and Actuary

Enclosures

cc: Ms. India Riedel  
Mr. Jay McBee, C.P.A.



GASB Statement Number 67 Information

I. Net Pension Liability and Related Ratios

Measurement date	9/30/2014	9/30/2015	9/30/2016	9/30/2017	9/30/2018	9/30/2019	9/30/2020	9/30/2021	9/30/2022
<b>A. Total Pension Liability (TPL)</b>									
Service Cost	\$ 130,539	\$ 144,773	\$ 156,107	\$ 156,989	\$ 136,825	\$ 145,856	\$ 117,980	\$ 64,244	\$ 18,570
Interest	196,106	213,154	235,684	255,218	257,407	271,341	275,148	247,616	225,789
Benefit Changes	0	0	0	0	0	0	(945)	268,575	0
Difference Between Actual and Expected Experience	(741)	(19,771)	56,393	(91,659)	(162,443)	(132,896)	(85,233)	(242,201)	(254,300)
Assumption Changes	0	49,797	0	(13,449)	0	0	(96,526)	0	0
Benefit Payments, including Refunds of Member Contributions	(142,060)	(96,939)	(102,590)	(127,009)	(123,132)	(150,433)	(152,193)	(191,302)	(548,385)
Other	0	0	3,256	0	19,828	0	0	0	0
<b>Net Change in Total Pension Liability</b>	<b>\$ 183,844</b>	<b>\$ 291,014</b>	<b>\$ 348,850</b>	<b>\$ 180,090</b>	<b>\$ 128,485</b>	<b>\$ 133,868</b>	<b>\$ 58,231</b>	<b>\$ 146,932</b>	<b>\$ (558,326)</b>
<b>Total Pension Liability (TPL) - (beginning of year)</b>	<b>2,807,275</b>	<b>2,991,119</b>	<b>3,282,133</b>	<b>3,630,983</b>	<b>3,811,073</b>	<b>3,939,558</b>	<b>4,073,426</b>	<b>4,131,657</b>	<b>4,278,589</b>
<b>Total Pension Liability (TPL) - (end of year)</b>	<b>\$ 2,991,119</b>	<b>\$ 3,282,133</b>	<b>\$ 3,630,983</b>	<b>\$ 3,811,073</b>	<b>\$ 3,939,558</b>	<b>\$ 4,073,426</b>	<b>\$ 4,131,657</b>	<b>\$ 4,278,589</b>	<b>\$ 3,720,263</b>
<b>B. System Fiduciary Net Position</b>									
Contributions - City and State	\$ 135,293	\$ 145,525	\$ 147,598	\$ 157,712	\$ 168,046	\$ 136,798	\$ 138,866	\$ 89,154	\$ 39,652
Contributions - Member	23,854	26,324	27,433	25,409	23,446	23,945	20,552	18,140	249
Net Investment Income	318,708	(44,021)	246,381	404,267	308,920	140,894	507,378	906,378	(1,079,229)
Benefit Payments, including Refunds of Member Contributions	(142,060)	(96,939)	(102,590)	(127,009)	(123,132)	(150,433)	(152,193)	(191,302)	(548,385)
Administrative Expenses	(16,233)	(27,132)	(31,639)	(34,933)	(59,878)	(43,675)	(40,275)	(44,943)	(44,389)
Other	0	0	(1,766)	(6,375)	0	0	652	0	0
<b>Net Change in System Fiduciary Net Position</b>	<b>\$ 319,562</b>	<b>\$ 3,757</b>	<b>\$ 285,417</b>	<b>\$ 419,071</b>	<b>\$ 317,402</b>	<b>\$ 107,529</b>	<b>\$ 474,980</b>	<b>\$ 777,427</b>	<b>\$ (1,632,102)</b>
<b>System Fiduciary Net Position - (beginning of year)</b>	<b>2,934,096</b>	<b>3,253,658</b>	<b>3,257,415</b>	<b>3,542,832</b>	<b>3,961,903</b>	<b>4,279,305</b>	<b>4,386,834</b>	<b>4,861,814</b>	<b>5,639,241</b>
<b>System Fiduciary Net Position - (end of year)</b>	<b>\$ 3,253,658</b>	<b>\$ 3,257,415</b>	<b>\$ 3,542,832</b>	<b>\$ 3,961,903</b>	<b>\$ 4,279,305</b>	<b>\$ 4,386,834</b>	<b>\$ 4,861,814</b>	<b>\$ 5,639,241</b>	<b>\$ 4,007,139</b>
<b>C. Net Pension Liability (NPL) - (end of year): (A) - (B)</b>	<b>\$ (262,539)</b>	<b>\$ 24,718</b>	<b>\$ 88,151</b>	<b>\$ (150,830)</b>	<b>\$ (339,747)</b>	<b>\$ (313,408)</b>	<b>\$ (730,157)</b>	<b>\$ (1,360,652)</b>	<b>\$ (286,876)</b>
<b>D. System Fiduciary Net Position as a Percentage of TPL: (B) / (A)</b>	<b>108.78 %</b>	<b>99.25 %</b>	<b>97.57 %</b>	<b>103.96 %</b>	<b>108.62 %</b>	<b>107.69 %</b>	<b>117.67 %</b>	<b>131.80 %</b>	<b>107.71 %</b>
<b>E. Covered Employee Payroll *</b>	<b>\$ 477,080</b>	<b>\$ 526,480</b>	<b>\$ 548,660</b>	<b>\$ 508,180</b>	<b>\$ 468,920</b>	<b>\$ 478,900</b>	<b>\$ 411,033</b>	<b>\$ 367,446</b>	<b>\$ 4,990</b>
<b>F. NPL as a Percentage of Covered Employee Payroll: (C) / (E)</b>	<b>(55.03)%</b>	<b>4.69 %</b>	<b>16.07 %</b>	<b>(29.68)%</b>	<b>(72.45)%</b>	<b>(65.44)%</b>	<b>(177.64)%</b>	<b>(370.30)%</b>	<b>(5,749.02)%</b>
<b>G. Notes to Schedule:</b>									
Valuation Date	10/1/2013	10/1/2014	10/1/2015	10/1/2016	10/1/2017	10/1/2018	10/1/2019	10/1/2020	10/1/2021

Update procedures used to roll forward TPL excluding DROP and Share account balances, if any, to the measurement dates - actual DROP and Share account balances, if any, as of measurement dates included in TPL.

See Notes to Schedule of Contributions for benefit and assumption changes during the years.

\* Reported payroll used to determine contribution as provided under GASB Statement Number 82.

**GASB Statement Number 67 Information**

**II. Schedule of Employer Contributions**

<u>Fiscal Year End 9/30</u>	<u>Actuarially Determined Contribution</u>	<u>Actual Contribution<sup>1</sup></u>	<u>Contribution Deficiency (Excess)</u>	<u>Covered Payroll<sup>2</sup></u>	<u>Actual Contribution as a % of Covered Payroll</u>
2013	\$ 103,915	\$ 111,976	\$ (8,061)	\$ 473,939	23.63%
2014	122,212	135,293	(13,081)	477,080	28.36%
2015	138,914	145,525	(6,611)	526,480	27.64%
2016	143,632	147,598	(3,966)	548,660	26.90%
2017	170,269	157,712	12,557	508,180	31.03%
2018	167,871	168,046	(175)	468,920	35.84%
2019	139,143	136,798	2,345	478,900	28.57%
2020	157,372	138,866	18,506	411,033	33.78%
2021	104,102	89,154	14,948	367,446	24.26%
2022	46,153	39,652	6,501	4,990	794.63%

<sup>1</sup> Includes State contributions in excess of the amount allowable to be used as an offset to the City's contribution requirement.

<sup>2</sup> Reported payroll used to determine contribution as provided under GASB Statement Number 82.

### GASB Statement Number 67 Information

#### III. Notes to Schedule of Contributions

**Valuation Date:** Actuarially determined contributions are calculated as of October 1st - two years prior the fiscal year end in which contributions are paid.

**Methods and Assumptions Used to Determine Contribution Rates for Fiscal Year Ended September 30, 2022:**

Actuarial Cost Method	Aggregate
Amortization Method	N/A
Amortization Period	N/A
Asset Valuation Method	4-year smoothed market value
Inflation	2.5%
Salary Increases	7.0%
Investment Rate of Return	6.0%
Retirement Age	100% when first eligible for Normal Retirement or DROP entry.
Mortality	For healthy participants during employment, PUB-2010 Headcount Weighted Safety Employee Female Mortality Table and Safety Below Median Employee Male Mortality Table, both set forward 1 year, with fully generational mortality improvements projected to each future decrement date with Scale MP-2018.

For healthy participants post employment, PUB-2010 Headcount Weighted Safety Healthy Retiree Female Mortality Table and Safety Below Median Healthy Retiree Male Mortality Table, both set forward 1 year, with fully generational mortality improvements projected to each future decrement date with Scale MP-2018.

For disabled participants, 80% PUB-2010 Headcount Weighted General Disabled Retiree Mortality Table / 20% PUB-2010 Headcount Weighted Safety Disabled Retiree Mortality Table, separate rates for males and females, without projected mortality improvements.

Cost of Living Adjustment 0.5% every odd year

**Other Information:**

Benefit Changes 2020 - System closed to new entrants and current active members were provided the option to remain in the System and continue to accrue benefits or to join the County Retirement Program (includes reduction in investment return assumption due to System closure); 2019 - Disability due to cancer diagnosis considered in the line of duty

Assumption Changes 2019 - Mortality assumptions were updated; 2016 - Mortality assumptions were updated; 2014 - Mortality assumptions were updated.

## GASB Statement Number 67 Information

### IV. Discount Rate

A discount rate of 6.0% was used to measure the TPL effective for measurement date September 30, 2021. This discount rate was based on the expected rate of return on System investments of 6.0%. The projection of cash flows used to determine this discount rate assumed member contributions will be made at the current member contribution rate and employer contributions will be made at rates equal to the difference between actuarially determined contribution rates and the member contribution rate. Based on these assumptions, the System's fiduciary net position was projected to be available to make all projected future expected benefit payments of current System members. Therefore, the long-term expected rate of return on System investments was applied to all periods of projected benefit payments to determine the TPL.

### V. Sensitivity of the NPL to the Discount Rate Assumption

Measurement date: September 30, 2022			
	1% Decrease	Current Discount Rate	1% Increase
Discount Rate	5.0%	6.0%	7.0%
NPL	\$192,035	(\$286,876)	(\$679,303)