

**CITY OF LAUDERHILL POLICE OFFICERS'
RETIREMENT SYSTEM**

**SECTION 112.664, FLORIDA STATUTES
COMPLIANCE**

With respect to the reporting standards for defined benefit retirement plans or systems contained in Section 112.664(1), F.S., the actuarial disclosures required under this section were prepared and completed by me or under my direct supervision and I acknowledge responsibility for the results. To the best of my knowledge, the results are complete and accurate, and in my opinion, meet the requirements of Section 112.664(1), Florida Statutes, and Section 60T-1.0035, Florida Administrative Code.

By:



Date: 8/2/2023

Donald A. DuLaney, Jr. A.S.A., E.A.
Senior Consulting Actuary
Enrolled Actuary #23-4191

DuLaney and Company

When reviewing the report, please note the following:

DuLaney and Company has prepared this report in order to satisfy the requirements set forth under Florida Statutes (FS) 112.664 and Ch. 60T-1.0035, F.A.C. These schedules have no impact on the funding requirements of the Plan. We have uploaded the semi-colon delimited file as described under Ch. 60T-1.0035.

The actuarial funding assumptions shown in our October 1, 2022 actuarial valuation report have been used in the preparation of this report, except as required for certain disclosures herein.

This report contains figures using an investment return assumption that is 2.0% higher than the actual funding assumption, in order to provide a balanced view, in light of the requirement to use an investment return assumption that is 2.0% lower than the actual funding assumption.

The schedules showing the projected number of years until the Fund becomes insolvent are required, but do not reflect what will occur. This is because no future contributions from any current funding source are assumed, as required for these disclosures, contrary to Florida Statutes.

	Actual	Under Section 112.664(1)(a), F.S.	Under Section 112.664(1)(b), F.S.	Under Section 112.664(1)(b), F.S.
	Discount Rate: 6.80%	Discount Rate: 6.80%	Discount Rate: 4.80%	Discount Rate: 8.80%
	FRS 7/1/2022 Mortality 9/30/2022	FRS 7/1/2022 Mortality 9/30/2022	FRS 7/1/2022 Mortality 9/30/2022	FRS 7/1/2022 Mortality 9/30/2022
1. Total pension liability:				
a. Service cost	\$ 2,883,347	\$ 2,883,347	\$ 4,575,349	\$ 1,879,143
b. Interest	\$ 7,122,549	\$ 7,122,549	\$ 6,534,203	\$ 7,356,568
c. Benefit changes	\$ -	\$ -	\$ -	\$ -
d. Difference between expected and actual experience	\$ 674,148	\$ 674,148	\$ 1,045,244	\$ 465,115
e. Changes in assumptions	\$ 1,028,238	\$ 1,028,238	\$ 1,655,338	\$ 641,554
f. Benefit payments	\$ (5,441,052)	\$ (5,441,052)	\$ (5,441,052)	\$ (5,441,052)
g. Contribution refunds	\$ (47,249)	\$ (47,249)	\$ (47,249)	\$ (47,249)
h. Net change in total pension liability	\$ 6,219,981	\$ 6,219,981	\$ 8,321,833	\$ 4,854,079
i. Total pension liability – beginning	\$ 103,575,939	\$ 103,575,939	\$ 132,642,684	\$ 83,820,820
j. Total pension liability – ending	\$ 109,795,920	\$ 109,795,920	\$ 140,964,517	\$ 88,674,899
2. Plan fiduciary net position:				
a. Contributions – City	\$ 3,578,118	\$ 3,578,118	\$ 3,578,118	\$ 3,578,118
b. Contributions – State	\$ -	\$ -	\$ -	\$ -
c. Contributions – Member	\$ 1,256,414	\$ 1,256,414	\$ 1,256,414	\$ 1,256,414
d. Net investment income	\$ (8,917,934)	\$ (8,917,934)	\$ (8,917,934)	\$ (8,917,934)
e. Benefit payments	\$ (5,441,052)	\$ (5,441,052)	\$ (5,441,052)	\$ (5,441,052)
f. Contributions refunds	\$ (47,249)	\$ (47,249)	\$ (47,249)	\$ (47,249)
g. Administrative expense	\$ (166,412)	\$ (166,412)	\$ (166,412)	\$ (166,412)
h. Other	\$ -	\$ -	\$ -	\$ -
i. Net change in plan fiduciary net position	\$ (9,738,115)	\$ (9,738,115)	\$ (9,738,115)	\$ (9,738,115)
j. Plan fiduciary net position – beginning	\$ 93,262,868	\$ 93,262,868	\$ 93,262,868	\$ 93,262,868
k. Plan fiduciary net position – ending	\$ 83,524,753	\$ 83,524,753	\$ 83,524,753	\$ 83,524,753
3. Net pension liability/(asset) [1.j. minus 2.k.]	\$ 26,271,167	\$ 26,271,167	\$ 57,439,764	\$ 5,150,146

PROJECTION OF THE NUMBER OF YEARS ASSETS WILL SUSTAIN BENEFIT PAYMENTS

Plan Assumptions: 6.80% and FRS 7/1/2022 Mortality

<u>Year</u>	<u>Projected Beginning Fiduciary Net Position</u>	<u>Projected Benefit Payments</u>	<u>Projected Investment Earnings</u>	<u>Projected Ending Fiduciary Net Position</u>
10/1/2022	\$82,099,189	\$5,252,658	\$5,404,154	\$82,250,685
10/1/2023	\$82,250,685	\$5,777,994	\$5,396,595	\$81,869,286
10/1/2024	\$81,869,286	\$6,032,500	\$5,362,006	\$81,198,793
10/1/2025	\$81,198,793	\$6,435,864	\$5,302,699	\$80,065,627
10/1/2026	\$80,065,627	\$6,716,773	\$5,216,092	\$78,564,947
10/1/2027	\$78,564,947	\$7,093,083	\$5,101,252	\$76,573,115
10/1/2028	\$76,573,115	\$7,236,292	\$4,960,938	\$74,297,761
10/1/2029	\$74,297,761	\$7,412,125	\$4,800,236	\$71,685,872
10/1/2030	\$71,685,872	\$7,490,701	\$4,619,955	\$68,815,126
10/1/2031	\$68,815,126	\$7,517,304	\$4,423,840	\$65,721,662
10/1/2032	\$65,721,662	\$7,550,874	\$4,212,343	\$62,383,132
10/1/2033	\$62,383,132	\$7,519,273	\$3,986,398	\$58,850,256
10/1/2034	\$58,850,256	\$7,538,276	\$3,745,516	\$55,057,496
10/1/2035	\$55,057,496	\$7,613,721	\$3,485,043	\$50,928,819
10/1/2036	\$50,928,819	\$7,604,137	\$3,204,619	\$46,529,301
10/1/2037	\$46,529,301	\$7,623,834	\$2,904,782	\$41,810,249
10/1/2038	\$41,810,249	\$7,603,860	\$2,584,566	\$36,790,954
10/1/2039	\$36,790,954	\$7,565,874	\$2,244,545	\$31,469,626
10/1/2040	\$31,469,626	\$7,486,570	\$1,885,391	\$25,868,447
10/1/2041	\$25,868,447	\$7,392,248	\$1,507,718	\$19,983,917
10/1/2042	\$19,983,917	\$7,364,162	\$1,108,525	\$13,728,279
10/1/2043	\$13,728,279	\$7,284,544	\$685,849	\$7,129,584
10/1/2044	\$7,129,584	\$7,158,652	\$241,418	\$212,349
10/1/2045	\$212,349	\$7,041,989		



Number of Years Expected Benefit Payments Sustained: 23.03

Note: As required in Section 112.664(c) of the Florida Statutes, the projection of the Fund assets do not include contributions from the Employer, Employee or State, which is contrary to Florida Statutes and Plan provisions. For this reason, these projections should not be viewed as a representation of the amount of time the Fund can sustain benefit payments. Under the GASB standards which DO include contributions from the employer, employee and State, the Fund is expected to be able to sustain the benefit payment demands in the near-term and long-term future.

PROJECTION OF THE NUMBER OF YEARS ASSETS WILL SUSTAIN BENEFIT PAYMENTS

Plan Assumptions: 6.80% and FRS 7/1/2022 Mortality

<u>Year</u>	<u>Projected Beginning Fiduciary Net Position</u>	<u>Projected Benefit Payments</u>	<u>Projected Investment Earnings</u>	<u>Projected Ending Fiduciary Net Position</u>
10/1/2022	\$82,099,189	\$5,252,658	\$5,404,154	\$82,250,685
10/1/2023	\$82,250,685	\$5,777,994	\$5,396,595	\$81,869,286
10/1/2024	\$81,869,286	\$6,032,500	\$5,362,006	\$81,198,793
10/1/2025	\$81,198,793	\$6,435,864	\$5,302,699	\$80,065,627
10/1/2026	\$80,065,627	\$6,716,773	\$5,216,092	\$78,564,947
10/1/2027	\$78,564,947	\$7,093,083	\$5,101,252	\$76,573,115
10/1/2028	\$76,573,115	\$7,236,292	\$4,960,938	\$74,297,761
10/1/2029	\$74,297,761	\$7,412,125	\$4,800,236	\$71,685,872
10/1/2030	\$71,685,872	\$7,490,701	\$4,619,955	\$68,815,126
10/1/2031	\$68,815,126	\$7,517,304	\$4,423,840	\$65,721,662
10/1/2032	\$65,721,662	\$7,550,874	\$4,212,343	\$62,383,132
10/1/2033	\$62,383,132	\$7,519,273	\$3,986,398	\$58,850,256
10/1/2034	\$58,850,256	\$7,538,276	\$3,745,516	\$55,057,496
10/1/2035	\$55,057,496	\$7,613,721	\$3,485,043	\$50,928,819
10/1/2036	\$50,928,819	\$7,604,137	\$3,204,619	\$46,529,301
10/1/2037	\$46,529,301	\$7,623,834	\$2,904,782	\$41,810,249
10/1/2038	\$41,810,249	\$7,603,860	\$2,584,566	\$36,790,954
10/1/2039	\$36,790,954	\$7,565,874	\$2,244,545	\$31,469,626
10/1/2040	\$31,469,626	\$7,486,570	\$1,885,391	\$25,868,447
10/1/2041	\$25,868,447	\$7,392,248	\$1,507,718	\$19,983,917
10/1/2042	\$19,983,917	\$7,364,162	\$1,108,525	\$13,728,279
10/1/2043	\$13,728,279	\$7,284,544	\$685,849	\$7,129,584
10/1/2044	\$7,129,584	\$7,158,652	\$241,418	\$212,349
10/1/2045	\$212,349	\$7,041,989	\$0	\$0



Number of Years Expected Benefit Payments Sustained: 23.03

Note: As required in Section 112.664(c) of the Florida Statutes, the projection of the Fund assets do not include contributions from the Employer, Employee or State, which is contrary to Florida Statutes and Plan provisions. For this reason, these projections should not be viewed as a representation of the amount of time the Fund can sustain benefit payments. Under the GASB standards which DO include contributions from the employer, employee and State, the Fund is expected to be able to sustain the benefit payment demands in the near-term and long-term future.

PROJECTION OF THE NUMBER OF YEARS ASSETS WILL SUSTAIN BENEFIT PAYMENTS

Plan Assumptions: 4.80% and FRS 7/1/2022 Mortality

<u>Year</u>	<u>Projected Beginning Fiduciary Net Position</u>	<u>Projected Benefit Payments</u>	<u>Projected Investment Earnings</u>	<u>Projected Ending Fiduciary Net Position</u>
10/1/2022	\$82,099,189	\$5,252,658	\$3,814,697	\$80,661,228
10/1/2023	\$80,661,228	\$5,777,994	\$3,733,067	\$78,616,301
10/1/2024	\$78,616,301	\$6,032,500	\$3,628,802	\$76,212,604
10/1/2025	\$76,212,604	\$6,435,864	\$3,503,744	\$73,280,484
10/1/2026	\$73,280,484	\$6,716,773	\$3,356,261	\$69,919,972
10/1/2027	\$69,919,972	\$7,093,083	\$3,185,925	\$66,012,813
10/1/2028	\$66,012,813	\$7,236,292	\$2,994,944	\$61,771,465
10/1/2029	\$61,771,465	\$7,412,125	\$2,787,139	\$57,146,480
10/1/2030	\$57,146,480	\$7,490,701	\$2,563,254	\$52,219,033
10/1/2031	\$52,219,033	\$7,517,304	\$2,326,098	\$47,027,827
10/1/2032	\$47,027,827	\$7,550,874	\$2,076,115	\$41,553,068
10/1/2033	\$41,553,068	\$7,519,273	\$1,814,085	\$35,847,880
10/1/2034	\$35,847,880	\$7,538,276	\$1,539,780	\$29,849,383
10/1/2035	\$29,849,383	\$7,613,721	\$1,250,041	\$23,485,703
10/1/2036	\$23,485,703	\$7,604,137	\$944,814	\$16,826,381
10/1/2037	\$16,826,381	\$7,623,834	\$624,694	\$9,827,241
10/1/2038	\$9,827,241	\$7,603,860	\$289,215	\$2,512,596
10/1/2039	\$2,512,596	\$7,565,874		



Number of Years Expected Benefit Payments Sustained: 17.33

Note: As required in Section 112.664(c) of the Florida Statutes, the projection of the Fund assets do not include contributions from the Employer, Employee or State, which is contrary to Florida Statutes and Plan provisions. For this reason, these projections should not be viewed as a representation of the amount of time the Fund can sustain benefit payments. Under the GASB standards which DO include contributions from the employer, employee and State, the Fund is expected to be able to sustain the benefit payment demands in the near-term and long-term future.

PROJECTION OF THE NUMBER OF YEARS ASSETS WILL SUSTAIN BENEFIT PAYMENTS

Plan Assumptions: 8.80% and FRS 7/1/2022 Mortality

<u>Year</u>	<u>Projected Beginning Fiduciary Net Position</u>	<u>Projected Benefit Payments</u>	<u>Projected Investment Earnings</u>	<u>Projected Ending Fiduciary Net Position</u>
10/1/2022	\$82,099,189	\$5,252,658	\$6,993,612	\$83,840,143
10/1/2023	\$83,840,143	\$5,777,994	\$7,123,701	\$85,185,849
10/1/2024	\$85,185,849	\$6,032,500	\$7,230,925	\$86,384,274
10/1/2025	\$86,384,274	\$6,435,864	\$7,318,638	\$87,267,048
10/1/2026	\$87,267,048	\$6,716,773	\$7,383,962	\$87,934,238
10/1/2027	\$87,934,238	\$7,093,083	\$7,426,117	\$88,267,272
10/1/2028	\$88,267,272	\$7,236,292	\$7,449,123	\$88,480,103
10/1/2029	\$88,480,103	\$7,412,125	\$7,460,116	\$88,528,094
10/1/2030	\$88,528,094	\$7,490,701	\$7,460,881	\$88,498,274
10/1/2031	\$88,498,274	\$7,517,304	\$7,457,087	\$88,438,057
10/1/2032	\$88,438,057	\$7,550,874	\$7,450,311	\$88,337,493
10/1/2033	\$88,337,493	\$7,519,273	\$7,442,851	\$88,261,072
10/1/2034	\$88,261,072	\$7,538,276	\$7,435,290	\$88,158,086
10/1/2035	\$88,158,086	\$7,613,721	\$7,422,908	\$87,967,273
10/1/2036	\$87,967,273	\$7,604,137	\$7,406,538	\$87,769,673
10/1/2037	\$87,769,673	\$7,623,834	\$7,388,283	\$87,534,122
10/1/2038	\$87,534,122	\$7,603,860	\$7,368,433	\$87,298,695
10/1/2039	\$87,298,695	\$7,565,874	\$7,349,387	\$87,082,208
10/1/2040	\$87,082,208	\$7,486,570	\$7,333,825	\$86,929,463
10/1/2041	\$86,929,463	\$7,392,248	\$7,324,534	\$86,861,749
10/1/2042	\$86,861,749	\$7,364,162	\$7,319,811	\$86,817,397
10/1/2043	\$86,817,397	\$7,284,544	\$7,319,411	\$86,852,264
10/1/2044	\$86,852,264	\$7,158,652	\$7,328,019	\$87,021,631
10/1/2045	\$87,021,631	\$7,041,989	\$7,348,056	\$87,327,698
10/1/2046	\$87,327,698	\$6,899,354	\$7,381,266	\$87,809,610
10/1/2047	\$87,809,610	\$6,738,360	\$7,430,758	\$88,502,008



10/1/2048	\$88,502,008	\$6,558,241	\$7,499,614	\$89,443,381
10/1/2049	\$89,443,381	\$6,380,869	\$7,590,259	\$90,652,771
10/1/2050	\$90,652,771	\$6,191,234	\$7,705,030	\$92,166,567
10/1/2051	\$92,166,567	\$5,992,435	\$7,846,991	\$94,021,122
10/1/2052	\$94,021,122	\$5,775,760	\$8,019,725	\$96,265,088
10/1/2053	\$96,265,088	\$5,552,545	\$8,227,016	\$98,939,558
10/1/2054	\$98,939,558	\$5,323,056	\$8,472,467	\$102,088,969
10/1/2055	\$102,088,969	\$5,088,190	\$8,759,949	\$105,760,728
10/1/2056	\$105,760,728	\$4,851,127	\$9,093,494	\$110,003,095
10/1/2057	\$110,003,095	\$4,610,154	\$9,477,426	\$114,870,367
10/1/2058	\$114,870,367	\$4,365,883	\$9,916,493	\$120,420,977
10/1/2059	\$120,420,977	\$4,117,706	\$10,415,867	\$126,719,138
10/1/2060	\$126,719,138	\$3,871,454	\$10,980,940	\$133,828,625
10/1/2061	\$133,828,625	\$3,626,826	\$11,617,339	\$141,819,137
10/1/2062	\$141,819,137	\$3,384,544	\$12,331,164	\$150,765,757
10/1/2063	\$150,765,757	\$3,145,715	\$13,128,975	\$160,749,018
10/1/2064	\$160,749,018	\$2,911,730	\$14,017,797	\$171,855,085
10/1/2065	\$171,855,085	\$2,683,714	\$15,005,164	\$184,176,535
10/1/2066	\$184,176,535	\$2,462,789	\$16,099,172	\$197,812,918

Number of Years Expected Benefit Payments Sustained: 999.99

Note: As required in Section 112.664(c) of the Florida Statutes, the projection of the Fund assets do not include contributions from the Employer, Employee or State, which is contrary to Florida Statutes and Plan provisions. For this reason, these projections should not be viewed as a representation of the amount of time the Fund can sustain benefit payments. Under the GASB standards which DO include contributions from the employer, employee and State, the Fund is expected to be able to sustain the benefit payment demands in the near-term and long-term future.

ACTUAL AND HYPOTHETICAL CONTRIBUTIONS APPLICABLE TO THE FISCAL YEAR
 ENDING SEPTEMBER 30, 2023
 Valuation Date: 10/1/2022

	<u>ACTUAL</u>			
	<u>Interest Rate: 6.80%</u> <u>FRS 7/1/2022 Mortality</u>	<u>Interest Rate: 6.80%</u> <u>FRS 7/1/2022 Mortality</u>	<u>Interest Rate: 4.80%</u> <u>FRS 7/1/2022 Mortality</u>	<u>Interest Rate: 8.80%</u> <u>FRS 7/1/2022 Mortality</u>
PENSION COST				
Normal Cost	3,002,360	3,002,360	4,773,693	1,953,723
Administrative Expenses	166,412	166,412	166,412	166,412
Payment Required to Amortize UAAL	1,927,283	1,927,283	4,061,227	50,612
Interest Adjustment	139,965	139,965	199,037	45,502
Total Required Contribution	5,236,020	5,236,020	9,200,369	2,216,249
TRC as % of Payroll	44.46% *	44.46%	78.12%	18.82%

*City 29.81%

Member 10.00%

State 4.65%

