

**CITY OF LAUDERHILL CONFIDENTIAL AND  
MANAGERIAL EMPLOYEES RETIREMENT PLAN**

**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:

8/2/2022

Donald A. DuLaney, Jr. A.S.A., E.A.  
Senior Consulting Actuary Enrolled  
Actuary #20-4191

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, 2021 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.

**SCHEDULE OF CHANGES IN NET PENSION LIABILITY AND RELATED RATIOS**

	<b>Actual</b>	<b>Under Section 112.664(1)(a), F.S.</b>	<b>Under Section 112.664(1)(b), F.S.</b>	<b>Under Section 112.664(1)(b), F.S.</b>
	Discount Rate: 6.90%	Discount Rate: 6.90%	Discount Rate: 4.90%	Discount Rate: 8.90%
	FRS 7/1/2021 Mortality 9/30/2021	FRS 7/1/2021 Mortality 9/30/2021	FRS 7/1/2021 Mortality 9/30/2021	FRS 7/1/2021 Mortality 9/30/2021
<b>1. Total pension liability:</b>				
a. Service cost	\$ 1,464,976	\$ 1,464,976	\$ 2,172,110	\$ 1,040,912
b. Interest	\$ 3,771,337	\$ 3,771,337	\$ 3,395,292	\$ 3,975,633
c. Benefit changes	\$ 1,103,023	\$ 1,103,023	\$ 1,334,695	\$ 936,068
d. Difference between expected and actual experience	\$ 1,086,305	\$ 1,086,305	\$ 1,257,941	\$ 977,411
e. Changes in assumptions	\$ 1,532,809	\$ 1,532,809	\$ 2,403,268	\$ 988,039
f. Benefit payments	\$ (2,106,255)	\$ (2,106,255)	\$ (2,106,255)	\$ (2,106,255)
g. Contribution refunds	\$ (211,932)	\$ (211,932)	\$ (211,932)	\$ (211,932)
h. Net change in total pension liability	\$ 6,640,263	\$ 6,640,263	\$ 8,245,119	\$ 5,599,876
i. Total pension liability – beginning	\$ 52,818,369	\$ 52,818,369	\$ 65,875,390	\$ 43,800,179
j. Total pension liability – ending	\$ 59,458,632	\$ 59,458,632	\$ 74,120,509	\$ 49,400,055
<b>2. Plan fiduciary net position:</b>				
a. Contributions – City	\$ 3,591,463	\$ 3,591,463	\$ 3,591,463	\$ 3,591,463
b. Contributions – State	\$ -	\$ -	\$ -	\$ -
c. Contributions – Member	\$ 722,325	\$ 722,325	\$ 722,325	\$ 722,325
d. Net investment income	\$ 7,626,630	\$ 7,626,630	\$ 7,626,630	\$ 7,626,630
e. Benefit payments	\$ (2,106,255)	\$ (2,106,255)	\$ (2,106,255)	\$ (2,106,255)
f. Contributions refunds	\$ (211,932)	\$ (211,932)	\$ (211,932)	\$ (211,932)
g. Administrative expense	\$ (144,486)	\$ (144,486)	\$ (144,486)	\$ (144,486)
h. Other	\$ -	\$ -	\$ -	\$ -
i. Net change in plan fiduciary net position	\$ 9,477,745	\$ 9,477,745	\$ 9,477,745	\$ 9,477,745
j. Plan fiduciary net position – beginning	\$ 36,239,532	\$ 36,239,532	\$ 36,239,532	\$ 36,239,532
k. Plan fiduciary net position – ending	\$ 45,717,277	\$ 45,717,277	\$ 45,717,277	\$ 45,717,277
<b>3. Net pension liability/(asset) [1.j. minus 2.k.]</b>	\$ 13,741,355	\$ 13,741,355	\$ 28,403,232	\$ 3,682,778



## PROJECTION OF THE NUMBER OF YEARS ASSETS WILL SUSTAIN BENEFIT PAYMENTS

Plan Assumptions: 6.90% and FRS 7/1/2021 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>
10/1/2021	\$42,498,755	\$3,001,691	\$2,828,856	\$42,325,920
10/1/2022	\$42,325,920	\$3,803,382	\$2,789,272	\$41,311,810
10/1/2023	\$41,311,810	\$3,973,802	\$2,713,419	\$40,051,426
10/1/2024	\$40,051,426	\$3,951,941	\$2,627,206	\$38,726,692
10/1/2025	\$38,726,692	\$4,088,415	\$2,531,091	\$37,169,368
10/1/2026	\$37,169,368	\$4,183,608	\$2,420,352	\$35,406,112
10/1/2027	\$35,406,112	\$4,219,896	\$2,297,435	\$33,483,651
10/1/2028	\$33,483,651	\$4,217,555	\$2,164,866	\$31,430,963
10/1/2029	\$31,430,963	\$4,191,058	\$2,024,145	\$29,264,050
10/1/2030	\$29,264,050	\$4,142,998	\$1,876,286	\$26,997,338
10/1/2031	\$26,997,338	\$4,089,155	\$1,721,740	\$24,629,923
10/1/2032	\$24,629,923	\$4,030,298	\$1,560,419	\$22,160,044
10/1/2033	\$22,160,044	\$3,976,729	\$1,391,846	\$19,575,161
10/1/2034	\$19,575,161	\$3,918,830	\$1,215,486	\$16,871,818
10/1/2035	\$16,871,818	\$3,848,897	\$1,031,368	\$14,054,289
10/1/2036	\$14,054,289	\$3,800,747	\$838,620	\$11,092,162
10/1/2037	\$11,092,162	\$3,777,157	\$635,047	\$7,950,053
10/1/2038	\$7,950,053	\$3,725,344	\$420,029	\$4,644,738
10/1/2039	\$4,644,738	\$3,652,521	\$194,475	\$1,186,692
10/1/2040	\$1,186,692	\$3,570,565		

**PROJECTION OF THE NUMBER OF YEARS ASSETS WILL SUSTAIN BENEFIT PAYMENTS**

Plan Assumptions: 6.90% and FRS 7/1/2021 Mortality

Number of Years Expected Benefit Payments Sustained: 19.33

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: 6.90% and FRS 7/1/2021 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>
10/1/2021	\$42,498,755	\$3,001,691	\$2,828,856	\$42,325,920
10/1/2022	\$42,325,920	\$3,803,382	\$2,789,272	\$41,311,810
10/1/2023	\$41,311,810	\$3,973,802	\$2,713,419	\$40,051,426
10/1/2024	\$40,051,426	\$3,951,941	\$2,627,206	\$38,726,692
10/1/2025	\$38,726,692	\$4,088,415	\$2,531,091	\$37,169,368
10/1/2026	\$37,169,368	\$4,183,608	\$2,420,352	\$35,406,112
10/1/2027	\$35,406,112	\$4,219,896	\$2,297,435	\$33,483,651
10/1/2028	\$33,483,651	\$4,217,555	\$2,164,866	\$31,430,963
10/1/2029	\$31,430,963	\$4,191,058	\$2,024,145	\$29,264,050
10/1/2030	\$29,264,050	\$4,142,998	\$1,876,286	\$26,997,338
10/1/2031	\$26,997,338	\$4,089,155	\$1,721,740	\$24,629,923
10/1/2032	\$24,629,923	\$4,030,298	\$1,560,419	\$22,160,044
10/1/2033	\$22,160,044	\$3,976,729	\$1,391,846	\$19,575,161
10/1/2034	\$19,575,161	\$3,918,830	\$1,215,486	\$16,871,818
10/1/2035	\$16,871,818	\$3,848,897	\$1,031,368	\$14,054,289
10/1/2036	\$14,054,289	\$3,800,747	\$838,620	\$11,092,162
10/1/2037	\$11,092,162	\$3,777,157	\$635,047	\$7,950,053
10/1/2038	\$7,950,053	\$3,725,344	\$420,029	\$4,644,738
10/1/2039	\$4,644,738	\$3,652,521	\$194,475	\$1,186,692
10/1/2040	\$1,186,692	\$3,570,565		



**PROJECTION OF THE NUMBER OF YEARS ASSETS WILL SUSTAIN BENEFIT PAYMENTS**

Plan Assumptions: 6.90% and FRS 7/1/2021 Mortality

Number of Years Expected Benefit Payments Sustained: 19.33

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: 4.90% and FRS 7/1/2021 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>
10/1/2021	\$42,498,755	\$3,001,691	\$2,008,898	\$41,505,962
10/1/2022	\$41,505,962	\$3,803,382	\$1,940,609	\$39,643,189
10/1/2023	\$39,643,189	\$3,973,802	\$1,845,158	\$37,514,545
10/1/2024	\$37,514,545	\$3,951,941	\$1,741,390	\$35,303,994
10/1/2025	\$35,303,994	\$4,088,415	\$1,629,730	\$32,845,309
10/1/2026	\$32,845,309	\$4,183,608	\$1,506,922	\$30,168,622
10/1/2027	\$30,168,622	\$4,219,896	\$1,374,875	\$27,323,601
10/1/2028	\$27,323,601	\$4,217,555	\$1,235,526	\$24,341,573
10/1/2029	\$24,341,573	\$4,191,058	\$1,090,056	\$21,240,571
10/1/2030	\$21,240,571	\$4,142,998	\$939,285	\$18,036,857
10/1/2031	\$18,036,857	\$4,089,155	\$783,622	\$14,731,324
10/1/2032	\$14,731,324	\$4,030,298	\$623,093	\$11,324,119
10/1/2033	\$11,324,119	\$3,976,729	\$457,452	\$7,804,842
10/1/2034	\$7,804,842	\$3,918,830	\$286,426	\$4,172,438
10/1/2035	\$4,172,438	\$3,848,897	\$110,151	\$433,692
10/1/2036	\$433,692	\$3,800,747		



**PROJECTION OF THE NUMBER OF YEARS ASSETS WILL SUSTAIN BENEFIT PAYMENTS**

Plan Assumptions: 4.90% and FRS 7/1/2021 Mortality

Number of Years Expected Benefit Payments Sustained: 15.11

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: 8.90% and FRS 7/1/2021 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>
10/1/2021	\$42,498,755	\$3,001,691	\$3,648,814	\$43,145,878
10/1/2022	\$43,145,878	\$3,803,382	\$3,670,733	\$43,013,229
10/1/2023	\$43,013,229	\$3,973,802	\$3,651,343	\$42,690,770
10/1/2024	\$42,690,770	\$3,951,941	\$3,623,617	\$42,362,446
10/1/2025	\$42,362,446	\$4,088,415	\$3,588,323	\$41,862,354
10/1/2026	\$41,862,354	\$4,183,608	\$3,539,579	\$41,218,325
10/1/2027	\$41,218,325	\$4,219,896	\$3,480,646	\$40,479,075
10/1/2028	\$40,479,075	\$4,217,555	\$3,414,956	\$39,676,476
10/1/2029	\$39,676,476	\$4,191,058	\$3,344,704	\$38,830,122
10/1/2030	\$38,830,122	\$4,142,998	\$3,271,517	\$37,958,642
10/1/2031	\$37,958,642	\$4,089,155	\$3,196,352	\$37,065,839
10/1/2032	\$37,065,839	\$4,030,298	\$3,119,511	\$36,155,052
10/1/2033	\$36,155,052	\$3,976,729	\$3,040,835	\$35,219,158
10/1/2034	\$35,219,158	\$3,918,830	\$2,960,117	\$34,260,445
10/1/2035	\$34,260,445	\$3,848,897	\$2,877,904	\$33,289,452
10/1/2036	\$33,289,452	\$3,800,747	\$2,793,628	\$32,282,333
10/1/2037	\$32,282,333	\$3,777,157	\$2,705,044	\$31,210,220
10/1/2038	\$31,210,220	\$3,725,344	\$2,611,932	\$30,096,808
10/1/2039	\$30,096,808	\$3,652,521	\$2,516,079	\$28,960,366
10/1/2040	\$28,960,366	\$3,570,565	\$2,418,582	\$27,808,383
10/1/2041	\$27,808,383	\$3,515,627	\$2,318,501	\$26,611,257
10/1/2042	\$26,611,257	\$3,433,525	\$2,215,610	\$25,393,342
10/1/2043	\$25,393,342	\$3,345,669	\$2,111,125	\$24,158,798
10/1/2044	\$24,158,798	\$3,263,209	\$2,004,920	\$22,900,509
10/1/2045	\$22,900,509	\$3,180,739	\$1,896,602	\$21,616,372
10/1/2046	\$21,616,372	\$3,074,027	\$1,787,063	\$20,329,408



**PROJECTION OF THE NUMBER OF YEARS ASSETS WILL SUSTAIN BENEFIT PAYMENTS**

Plan Assumptions: 8.90% and FRS 7/1/2021 Mortality

10/1/2047	\$20,329,408	\$2,964,082	\$1,677,416	\$19,042,742
10/1/2048	\$19,042,742	\$2,850,592	\$1,567,953	\$17,760,103
10/1/2049	\$17,760,103	\$2,749,297	\$1,458,305	\$16,469,111
10/1/2050	\$16,469,111	\$2,637,279	\$1,348,392	\$15,180,224
10/1/2051	\$15,180,224	\$2,517,975	\$1,238,990	\$13,901,239
10/1/2052	\$13,901,239	\$2,400,921	\$1,130,369	\$12,630,687
10/1/2053	\$12,630,687	\$2,284,442	\$1,022,474	\$11,368,719
10/1/2054	\$11,368,719	\$2,163,906	\$915,522	\$10,120,335
10/1/2055	\$10,120,335	\$2,046,007	\$809,662	\$8,883,990
10/1/2056	\$8,883,990	\$1,930,270	\$704,778	\$7,658,499
10/1/2057	\$7,658,499	\$1,813,710	\$600,896	\$6,445,685
10/1/2058	\$6,445,685	\$1,699,328	\$498,046	\$5,244,403
10/1/2059	\$5,244,403	\$1,587,686	\$396,100	\$4,052,817
10/1/2060	\$4,052,817	\$1,479,128	\$294,879	\$2,868,568
10/1/2061	\$2,868,568	\$1,373,829	\$194,167	\$1,688,906
10/1/2062	\$1,688,906	\$1,271,918	\$93,712	\$510,700
10/1/2063	\$510,700	\$1,173,500		

Number of Years Expected Benefit Payments Sustained: 42.44

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, 2022  
 Valuation Date: 10/1/2021

	ACTUAL			
	Interest Rate: 6.90% FRS 7/1/2021 Mortality	Interest Rate: 6.90% FRS 7/1/2021 Mortality	Interest Rate: 4.90% FRS 7/1/2021 Mortality	Interest Rate: 8.90% FRS 7/1/2021 Mortality
PENSION COST				
Normal Cost	1,466,967	1,466,967	2,179,299	1,041,212
Administrative Expenses	144,486	144,486	144,486	144,486
Payment Required to Amortize UAAL	2,157,209	2,157,209	3,494,699	1,018,092
Interest Adjustment	112,653	112,653	133,928	71,543
Total Required Contribution	<b>3,881,315</b>	<b>3,881,315</b>	<b>5,952,412</b>	<b>2,275,333</b>
TRC as % of Payroll	47.10%	47.10%	72.24%	27.61%

