Warehouse Employees Union Local No. 730
Pension Trust Fund

911 Ridgebrook Road
Sparks, Maryland 21152-9451
Telephone: (800) 730-2241
www.associated-admin.com

8400 Corporate Drive, Suite 430
Landover, Maryland 20785-2361
Telephone: (800) 730-2241
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Agenda
March 14, 2022
(At approximately 9:30 AM)

I. Call to Order

II. Minutes, Regular Meeting – December 17, 2021

III. Financial Report – Investment Performance Services

IV. Actuary Report

V. Co-Counsel Report

VI. Administrative Manager Report

VII. Invoices

VIII. Other Fund Business

IX. Next Meeting Date and Location

X. Adjournment

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DRAFT

MINUTES OF THE MEETING OF THE
BOARD OF TRUSTEES OF THE
WAREHOUSE EMPLOYEES UNION LOCAL NO. 730
PENSION TRUST FUND
DECEMBER 17, 2021
VIA TELECONFERENCE

The following Trustees were present:

UNION TRUSTEES
J. Lacy
F. Myers
T. Richardson – Alternate

EMPLOYER TRUSTEES
M. Bull – Secretary
H. Sebhat
J. Paradis
M. Goble – Alternate

Also present were:

A. Cochran – Associated Administrators, LLC
M. DeLancey – Blank Rome LLP
M. Deveney – Cheiron
P. Hardcastle – Cheiron
R. Grant – Associated Administrators, LLC
J. Kimble – Morgan, Lewis & Bockius, LLP
R. Sichel – Investment Performance Services, LLC

I. CALL TO ORDER

A quorum being present, the meeting was called to order.

II. MINUTES

The Trustees reviewed the minutes of the last regular meeting held September 1, 2021.

On MOTION made and seconded, the Trustees voted unanimous approval of the following resolution:

> **RESOLVED that the minutes of the last regular meeting held on September 1, 2021 are approved as presented.**

III. FINANCIAL REPORT

A. Investment Performance Services, LLC ("IPS")

1. Investment Performance

The Trustees welcomed Mr. Rich Sichel of IPS to the meeting.

Mr. Sichel reviewed the financial markets generally and the investment returns of the Fund's investment managers. He noted that for the period January 1, 2021 to September 30, 2021 the Fund's total investment return was 14.8%, gross of fees.

2. Asset Allocation

Mr. Sichel reviewed the Fund's asset allocation as of September 30, 2021: U.S. Equities 31.2%, U.S. Small/Mid Cap 10.6%, International Equities 8.7%, Fixed Income Core 1.3%, Fixed Income High Yield 7.5%, Real Estate 18.8%, Opportunistic Strategies 8.3%, Global Tactical Asset Allocation 4.8%, Private Equity 4.6% and cash 4.3%.

3. Quarterly Performance Report

Mr. Sichel presented the preliminary quarterly performance report for the period ended September 30, 2021. He noted the assets held by the investment managers on September 30, 2021 were as follows: Rothschild – Hardman Johnston Global Advisors held $17,655,748; Northern Trust held $19,634,748; Great Lakes Advisors held $16,828,028; Atlanta Capital held $18,376,190; Hardman Johnston International Equity held $7,794,181; Acadian held $7,260,390; JPMCB Global Allocation Fund held $8,271,249; C.S. McKee held $2,205,614; Loomis Sayles held $13,081,370; PRISA III held $30,635,866; Boyd Watterson $2,060,760; Corbin ERISA Opportunity Fund held $14,394,492; Hamilton Lane $8,024,472; and the cash account held $7,447,763. Mr. Sichel reviewed the summary of investment results for the period ended September 30, 2021 including trailing quarter, trailing year-to-date, and trailing one, three and five-year periods.

The Trustees thanked Mr. Sichel for his report, and he was excused from the meeting.

IV. ACTUARY REPORT

The Trustees welcomed Mr. Matt Deveney and Mr. Peter Hardcastle of Cheiron to the meeting. Mr. Deveney and Mr. Hardcastle reviewed the report titled 2021 Valuation Results provided prior to the meeting.

Mr. Deveney reviewed the Valuation report and provided a historical review of the assets and liabilities, minimum funding, participant counts, and annual cash flows. He discussed the 2021 actuarial valuation results including a summary of key results and Plan year experience.

The Trustees thanked Mr. Deveney and Mr. Hardcastle for their report and they were excused from the meeting.

V. COUNSEL REPORT

Mr. DeLancey and Mr. Kimble said there were no legal matters pending before the Board of Trustees at this time.

VI. ADMINISTRATIVE MANAGER'S REPORT

Ms. Cochran presented the Administrative Manager's Report for the third quarter 2021. The report showed contribution income of $1,221,628, miscellaneous income of $14,764, interest and dividend income of $171,690, and withdrawal liability payments of $165,919, producing a total income of $1,574,001. Expenses included $5,276,497 of pension benefit expense and $290,477 of operating expense, producing a total expense of $5,566,944 for the quarter. This resulted in a net deficit of $3,992,943 for the quarter. Ms. Cochran noted that contributions were made on behalf of 286 active Plan participants and that there were no contribution delinquencies to report.

Ms. Cochran reviewed the pension applications requiring Trustee approval.

On MOTION made and seconded, the Trustees voted unanimous approval of the following resolution:

> **RESOLVED that the pension applications contained in the Administrative Manager's third quarter 2021 report are approved for payment as presented.**

VII. INVOICES

Ms. Cochran presented a list of invoices dated December 17, 2021. She noted that there were no additions, deletions, or changes to the list.

On MOTION made and seconded, the Trustees voted unanimous approval of the following resolution:

> **RESOLVED that the invoices on the list dated December 17, 2021 are approved for payment as presented.**

VIII. OTHER FUND BUSINESS

A. Memorandum of Agreement ("MOA") – Giant Recycling

Ms. Cochran reported the receipt of a newly negotiated Memorandum of Agreement between the Union and Giant Recycling for the period June 26, 2022 through June 20, 2026. The MOA states the employer agrees to increase funding by adopting the Fund's Preferred Rehabilitation Plan.

After discussion and review of the MOA by Fund Co-Counsel, the Trustees voted, with Trustee Paradis abstaining, approval of the following resolution:

RESOLVED to accept the MOA between Giant Recycling and the Union for the period June 26, 2022 through June 20, 2026.

B. Memorandum of Agreement ("MOA") – Giant Warehouse

Ms. Cochran reported the receipt of a newly negotiated Memorandum of Agreement between the Union and Giant Warehouse for the period May 17, 2015 through May 15, 2027. The MOA states the employer agrees to increase funding by adopting the Fund's Preferred Rehabilitation Plan.

After discussion and review of the MOA by Fund Co-Counsel, the Trustees voted, with Trustee Paradis abstaining, approval of the following resolution:

RESOLVED to accept the MOA between Giant Warehouse and the Union for the period May 17, 2015 through May 15, 2027.

C. Memo Memorandum of Agreement ("MOA") – Washington Food and Supply

Ms. Cochran reported the receipt of a newly negotiated Memorandum of Agreement between the Union and Washington Food and Supply for the period November 1, 2021 through October 31, 2024. The MOA states the employer agrees to increase funding by adopting the Fund's Preferred Rehabilitation Plan.

After discussion and review of the MOA by Fund Co-Counsel, the Trustees voted unanimous approval of the following resolution:

RESOLVED to accept the MOA between Washington Food and Supply and the Union for the period November 1, 2021 through October 31, 2024.

D. Summary Plan Information Report for the Plan Year Ended December 31, 2020

Ms. Cochran reported that the 104(d) Multiemployer Plan Summary Report was mailed to participating employers, including Local 730, on October 27, 2021.

E. Employer Contribution Rate Increase Letter

Ms. Cochran reported a contribution rate increase letter was mailed to Giant Recycling, Giant Warehouse and Local 730 Union for a rate change effective January 1, 2022.

F. Eight O'Clock Coffee Withdrawal Liability Estimate Request

Ms. Cochran reported that the Fund received a request for a withdrawal liability estimate from Eight O'Clock Coffee. The employer paid the required fee for the actuarial calculation of the estimate and the estimate was provided to Eight O'Clock Coffee on September 1, 2021.

G. Pension Benefit Guarantee Corporation ("PBGC") 2020 Comprehensive Filing

Ms. Cochran stated that the 2020 Comprehensive Filing with PBGC was made on October 5, 2021. The Fund paid a premium of $61,504.

H. International Foundation of Employee Benefit Plans – Annual Membership

Ms. Cochran reported receipt of the Fund's 2022 membership renewal invoice for the International Foundation of Employee Benefit Plans. The renewal fee is $1,310 with an increase of $45 from the prior year.

On MOTION made and seconded, the Trustees voted unanimous approval of the following resolution:

> **RESOLVED to approve the Fund's 2022 renewal with the International Foundation of Employee Benefit Plans with the $1,310 annual fee.**

I. 2021 Retiree Information Form ("RIF")

Ms. Cochran reported that Associated mailed the second request for RIF responses to retirees on October 26, 2021.

IX. NEXT MEETING DATE AND LOCATION

After discussion, the Trustees selected March 14, 2022 as their next regular meeting date immediately following the companion Legal Fund meeting via teleconference.

X. ADJOURNMENT

There being no further business to come before the Trustees, the meeting was adjourned.

Respectfully submitted,

Michael Bull

Secretary

WAREHOUSE EMPLOYEES UNION
LOCAL NO. 730
PENSION TRUST FUND

FOURTH QUARTER 2021

ADMINISTRATIVE MANAGER'S REPORT

FOURTH QUARTER 2021
CONTRIBUTIONS

EMPLOYER	RATE	HOURS	PARTICIPANTS	CONTRIBUTIONS
EIGHT O'CLOCK COFFEE	$ 4.65	30,666.25	55	$ 142,598
GIANT RECYCLING	$ 6.98	12,092.44	24	$ 84,405
GIANT WAREHOUSE	$ 7.59	136,920.22	207	$ 1,039,224
GIANT WAREHOUSE - VACATION RELIEF	$ 1.00	39,984.48		$ 39,984
UNION LOCAL 730	$ 7.59	1,152.00	3	$ 8,744
WASHINGTON FOOD[1]	$ 3.82	1,292.00	3	$ 4,866
TOTAL		**222,107.39**	**292**	**$ 1,319,821**

[1] Rate change as of 11/1/21

FOURTH QUARTER 2021 EXPENSES

BENEFIT EXPENSES

CATEGORY	AMOUNT	AVG. HOURLY COST	PERCENTAGE
PENSION BENEFITS	$ 5,225,582	$ 23.53	91.5%
SUB TOTAL	**$ 5,225,582**	**$ 23.53**	**91.5%**

OPERATING EXPENSES

CATEGORY	AMOUNT	AVG. HOURLY COST	PERCENTAGE
ACADIAN ASSET MNGMT FEE	$ 8,914	$ 0.04	0.16%
ACCURINT	$ 28	$ -	0.00%
ACTUARY	$ 30,844	$ 0.14	0.54%
ADMINISTRATION	$ 31,548	$ 0.14	0.55%
ATLANTA CAPITAL MNGMT FEE	$ 32,158	$ 0.15	0.56%
AUDITOR	$ 1,000	$ 0.01	0.02%
BOYD MNGMT FEE[1]	$ 25,434	$ 0.12	0.45%
C.S. MCKEE MNGMT FEE	$ 1,349	$ 0.01	0.02%
GREAT LAKES ADVISORS	$ 19,087	$ 0.09	0.33%
HAMILTON LANE MNGMT FEE	$ 17,572	$ 0.08	0.31%
HARDMAN JOHNSTON ASSET MNGMT FEE	$ 22,236	$ 0.10	0.39%
IFEBP DUES	$ 1,310	$ 0.01	0.02%
JOHNSTON IE/MELLON MNGMT FEE[1]	$ 14,493	$ 0.07	0.25%
LEGAL	$ 10,467	$ 0.05	0.18%
LOOMIS SAYLES MNGMT FEE	$ 8,766	$ 0.04	0.15%
MEETING	$ 350	$ -	0.01%
NORTHERN TRUST MNGMT FEE	$ 1,676	$ 0.01	0.03%
PBGC PREMIUM	$ 61,504	$ 0.28	1.08%
PNC FEES	$ 635	$ -	0.01%
POSTAGE	$ 938	$ -	0.02%
PRINTING	$ 2,511	$ 0.01	0.04%
PRUDENTIAL FINANCIAL MNGMT FEE[1]	$ 192,997	$ 0.87	3.38%
SUB TOTAL	**$ 485,817**	**$ 2.22**	**8.50%**

TOTAL EXPENSES	**$ 5,711,399**	**$ 25.75**	**100.0%**

[1]Self-billed fees

AVG MTHLY RETIREES	1,083

AVG MTHLY RETIREE BENEFIT AMOUNT	$ 1,608

2021
QUARTERLY RECAP

INCOME	**FIRST 2021**	**SECOND 2021**	**THIRD 2021**	**FOURTH 2021**	**TOTAL**
CONTRIBUTIONS	$ 1,176,281	$ 1,180,806	$ 1,221,628	$ 1,319,821	$ 4,898,536
INTEREST & DIVIDENDS	$ 367,178	$ 320,581	$ 171,690	$ 454,432	$ 1,313,881
WITHDRAWAL LIABILITY	$ 331,837	$ 165,919	$ 165,919	$ 165,919	$ 829,594
MISCELLANEOUS INCOME[1]	$ 61,863	$ 520	$ 14,764	$ 758	$ 77,905
TOTAL INCOME	**$ 1,937,159**	**$ 1,667,826**	**$ 1,574,001**	**$ 1,940,930**	**$ 7,119,916**

BENEFIT EXPENSES					
PENSION BENEFITS	$ 5,173,660	$ 5,255,635	$ 5,276,497	$ 5,225,582	$ 20,931,374
SUB TOTAL	$ 5,173,660	$ 5,255,635	$ 5,276,497	$ 5,225,582	$ 20,931,374

OPERATING EXPENSES					
ADMINISTRATION	$ 31,282	$ 31,342	$ 31,404	$ 31,548	$ 125,576
MISCELLANEOUS	$ 424,602	$ 474,729	$ 259,043	$ 454,269	$ 1,612,643
SUB TOTAL	$ 455,884	$ 506,071	$ 290,447	$ 485,817	$ 1,738,219
TOTAL EXPENSES	**$ 5,629,544**	**$ 5,761,706**	**$ 5,566,944**	**$ 5,711,399**	**$ 22,669,593**

TOTAL INCOME	$ 1,937,159	$ 1,667,826	$ 1,574,001	$ 1,940,930	$ 7,119,916
TOTAL EXPENSES	$ 5,629,544	$ 5,761,706	$ 5,566,944	$ 5,711,399	$ 22,669,593
SURPLUS (DEFICIT)	**$ (3,692,385)**	**$ (4,093,880)**	**$ (3,992,943)**	**$ (3,770,469)**	**$ (15,549,677)**
AVERAGE HOURLY INCOME	$ 9.08	$ 8.03	$ 7.67	$ 8.74	$ 8.38
AVERAGE HOURLY EXPENSE	$ 26.38	$ 27.73	$ 27.14	$ 25.75	$ 26.75
SURPLUS (DEFICIT)	$ (17.30)	$ (19.70)	$ (19.47)	$ (17.01)	$ (18.37)
TOTAL PARTICIPANTS	**293**	**293**	**286**	**292**	**291**

[1]Litigation settlements - $758.49

2020
QUARTERLY RECAP

INCOME	FIRST 2020	SECOND 2020	THIRD 2020	FOURTH 2020	TOTAL
CONTRIBUTIONS	$ 1,084,196	$ 1,115,418	$ 1,135,663	$ 1,125,299	$ 4,460,576
INTEREST & DIVIDENDS	$ 402,872	$ 440,563	$ 323,336	$ 596,842	$ 1,763,613
WITHDRAWAL LIABILITY	$ 165,919	$ 165,919	$ 165,919	$ -	$ 497,757
MISCELLANEOUS INCOME[1]	$ 3,278	$ 64,407	$ 813	$ 1,070	$ 69,568
TOTAL INCOME	**$ 1,656,265**	**$ 1,786,307**	**$ 1,625,731**	**$ 1,723,211**	**$ 6,791,514**

BENEFIT EXPENSES					
PENSION BENEFITS	$ 5,182,728	$ 5,237,704	$ 5,428,427	$ 5,187,981	$ 21,036,840
SUB TOTAL	$ 5,182,728	$ 5,237,704	$ 5,428,427	$ 5,187,981	$ 21,036,840

OPERATING EXPENSES					
ADMINISTRATION	$ 30,383	$ 30,458	$ 30,579	$ 30,458	$ 121,878
MISCELLANEOUS	$ 308,320	$ 327,102	$ 531,530	$ 409,638	$ 1,576,590
SUB TOTAL	$ 338,703	$ 357,560	$ 562,109	$ 440,096	$ 1,698,468
TOTAL EXPENSES	**$ 5,521,431**	**$ 5,595,264**	**$ 5,990,536**	**$ 5,628,077**	**$ 22,735,308**

TOTAL INCOME	$ 1,656,265	$ 1,786,307	$ 1,625,731	$ 1,723,211	$ 6,791,514
TOTAL EXPENSES	$ 5,521,431	$ 5,595,264	$ 5,990,536	$ 5,628,077	$ 22,735,308
SURPLUS (DEFICIT)	**$ (3,865,166)**	**$ (3,808,957)**	**$ (4,364,805)**	**$ (3,904,866)**	**$ (15,943,794)**
AVERAGE HOURLY INCOME	$ 8.26	$ 8.47	$ 7.76	$ 8.21	$ 8.18
AVERAGE HOURLY EXPENSE	$ 27.55	$ 26.52	$ 28.58	$ 26.84	$ 27.37
SURPLUS (DEFICIT)	$ (19.29)	$ (18.05)	$ (20.82)	$ (18.63)	$ (19.19)
TOTAL PARTICIPANTS	**304**	**301**	**296**	**293**	**299**

[1]Commission recapture rebate - $549.44, Litigation settlement - $20.81, Withdrawal liability calculation fee - $500.00

FOURTH QUARTER 2021
CONTRACT INFORMATION

COMPANY	CURRENT RATE	RATE EFF. DATE	NEXT RATE CHANGE DATE	CBA EXPIRATION
EIGHT O'CLOCK COFFEE	$ 4.65	07-01-21	07-01-22	07-17-27
GIANT RECYCLING	$ 6.98	01-01-21	01-01-22	06-20-26
GIANT WAREHOUSE	$ 7.59	01-01-21	01-01-22	05-15-27
UNION LOCAL 730	$ 7.59	01-01-21	01-01-22	FOLLOWS GIANT WAREHOUSE CBA
WASHINGTON FOOD	$ 3.82	11-01-21	11-01-22	10-31-24

FOURTH QUARTER 2021
RATE DIVERSIONS

COMPANY	BENEFIT	IMPROVEMENT DIVERSION	FUNDING DIVERSION	REHAB PLAN	TOTAL
EIGHT O'CLOCK COFFEE	$ 1.50	$ -	$ 1.00	$ 2.15	$ 4.65
GIANT RECYCLING	$ 2.82	$ 0.11	$ 1.00	$ 3.05	$ 6.98
GIANT WAREHOUSE	$ 3.17	$ 0.11	$ 1.00	$ 3.31	$ 7.59
UNION LOCAL 730	$ 3.17	$ 0.11	$ 1.00	$ 3.31	$ 7.59
WASHINGTON FOOD	$ 1.05	$ -	$ 1.00	$ 1.77	$ 3.82

PENSION
DELINQUENCY REPORT
As of December 31, 2021

NONE

WAREHOUSE EMPLOYEES UNION LOCAL NO. 730 PENSION TRUST FUND
FOURTH QUARTER 2021

APPLICATIONS SUBMITTED FOR APPROVAL

RETIRE DATE	AWARD DATE	NAME	BIRTH DATE	AGE	SEX	SERVICE	EMPLOYER	TYPE/ OPTION	MONTHLY AMOUNT
11/1/2021	12/1/2021	CUSHMAN,SHERYL	11/3/1955	65	F	0.000	BENE OF GERALD CUSHMAN	BENEFICIARY / LIFE ANNUITY	$1,249.16
2/1/2021	10/1/2021	DAVIS,RANDAL	1/27/1961	60	M	15.652	ADAMS BURCH	DEFERRED VESTED / 84 MONTH REDUCTION	$473.62
11/1/2021	11/1/2021	FULCHER,MICHAEL	10/9/1961	60	M	17.266	GIANT FOOD WAREHOUSE	DEFERRED VESTED / 120 MONTH REDUCTION	$1,452.39
8/1/2021	10/1/2021	JEON,MICHELLE,MYUNGJA	3/30/1964	57	F	0.000	ALT PAYEE OF EUI SOO JEON	QDRO / LIFE ANNUITY	$787.78
11/1/2021	12/1/2021	MANIERI,FRANK	3/18/1954	67	M	12.000	GIANT RECYCLING	NORMAL / LIFE ANNUITY	$1,415.23
12/1/2021	12/1/2021	POWELL,CARLTON	9/18/1961	60	M	16.000	GIANT FOOD WAREHOUSE	NORMAL / 120 MONTH REDUCTION	$1,678.13
10/1/2021	10/1/2021	RAFFO,TODD	9/21/1961	60	M	25.114	JESSUP LOGISTICS	DEFERRED VESTED / 10 YEAR CERTAIN	$3,728.76
12/1/2018	10/1/2021	REYES,ANGEL	11/24/1958	60	M	8.000	GIANT FOOD CAFETERIA	DEFERRED VESTED / LIFE ANNUITY	$530.08
12/1/2019	10/1/2021	REYES,ROSA	11/6/1959	60	F	7.590	EIGHT O'CLOCK COFFEE	DEFERRED VESTED / 50% JOINT & SURVIVOR	$421.91
9/1/2021	11/1/2021	SULLIVAN,JANICE	7/10/1941	80	F	0.000	BENE OF HENRY SULLIVAN	BENEFICIARY / LIFE ANNUITY	$1,785.30
8/1/2021	10/1/2021	WILSON,KENT	7/11/1961	60	M	17.000	GIANT FOOD WAREHOUSE	DEFERRED VESTED / 10 YEAR CERTAIN	$1,657.53
8/1/2021	11/1/2021	WILSON,LINDA	8/1/1961	60	F	0.000	ALT PAYEE OF KENT WILSON	QDRO / LIFE ANNUITY	$874.19
10/1/2021	11/1/2021	WILSON,STEVE	9/19/1961	60	M	19.893	GIANT FOOD WAREHOUSE	DEFERRED VESTED / LIFE ANNUITY	$2,473.17
Total									**$18,527.25**

WAREHOUSE EMPLOYEES UNION LOCAL NO. 730 PENSION TRUST FUND
FOURTH QUARTER 2021

CHANGES AND ADJUSTMENTS

NAME	COMMENT	FROM	TO
ABARCA,ELBA	AGE 62 INCREASE	$1,472.57	$1,913.18
BARNES,DERRICK	AGE 62 INCREASE	$6,259.93	$6,277.04
BAUTISTA,LEONILO	AGE 62 INCREASE	$2,526.07	$3,228.56
BELL,CARL	AGE 62 INCREASE	$3,717.81	$3,780.98
BINNIX,ARTHUR	60 MONTH REDUCTION	$481.63	$264.90
BISSETT,PHILLIP	60 MONTH REDUCTION	$754.05	$414.73
CARR,OTHNIEL	AGE 62 INCREASE	$2,258.02	$2,326.38
CHENAULT,ROSIER	ADDITIONAL CREDIT INCREASE	$4,155.56	$4,170.54
DORSEY,KERWIN	84 MONTH REDUCTION	$1,629.25	$890.45
JOHNSTON,PHILIP	120 MONTH REDUCTION	$4,722.36	$2,596.27
KORNEGAY,WORTHELL	ADDITIONAL CREDIT INCREASE	$7,702.75	$7,735.42
ORTENZO,JOHN,W,JR	ADDITIONAL CREDIT INCREASE	$3,327.44	$3,351.03
SPENCER,DONALD	ADDITIONAL CREDIT INCREASE	$5,817.84	$5,823.21
TRIVAS,MITCHELL	120 MONTH REDUCTION	$3,928.46	$2,159.70
WOODRUFF,EDWARD	ADDITIONAL CREDIT INCREASE	$3,273.41	$3,284.31
TOTAL		$52,027.15	$48,216.70
DIFFERENCE			**-$3,810.45**

WAREHOUSE EMPLOYEES LOCAL NO. 730 PENSION TRUST FUND
FOURTH QUARTER 2021

DECEASED

PENSIONER	DATE	AMOUNT
CUMBERBATCH,JOHN	7/20/2018	-$91.69
CUSHMAN,GERALD	10/4/2021	-$1,665.54
DANIELS,SYLVESTER	9/2/2021	-$1,139.09
LAMONT,LOWELL,H,SR	9/9/2021	-$121.94
PHELPS,SYLVESTER	10/17/2021	-$444.17
SERIOUS,LEWIS	10/25/2021	-$1,778.65
SMITH,BARBARA	9/25/2021	-$604.74
SULLIVAN,HENRY	8/24/2021	-$2,677.81
THOMPSON,FRANK	10/19/2021	-$1,112.82
WALTERS,DANIEL	10/4/2021	-$1,870.90
WOOD,JAMES	9/21/2021	-$1,260.49
TOTAL		**-$12,767.84**

WAREHOUSE EMPLOYEES LOCAL NO. 730 PENSION TRUST FUND
FOURTH QUARTER 2021

NEW ADMINISTRATIVE HOLD

PENSIONER	REASON	SUSPEND DATE	MONTHLY AMOUNT	TOTAL AMOUNT TO DATE
ESTEP,LINDA	RIF NOT RETURNED	12/1/2021	-$147.43	-$147.43
FENWICK,ROBERT	RIF NOT RETURNED	11/1/2021	-$91.77	-$91.77
INGRAM,GAIL	RIF NOT RETURNED	12/1/2021	-$54.54	-$54.54
STEVENS, NORSCADEGONDOR	RIF NOT RETURNED	12/1/2021	-$725.55	-$725.55
TOTAL			**-$1,019.29**	**-$1,019.29**

REINSTATEMENTS

PENSIONER	REASON	REINSTATE DATE	AMOUNT	RETROACTIVE AMOUNT
NONE				
TOTAL			**$0.00**	**$0.00**

STILL PENDING ADMINISTRATIVE HOLDS

PENSIONER	REASON	SUSPEND DATE	AMOUNT	TOTAL AMOUNT TO DATE
NONE				
TOTAL			**$0.00**	**$0.00**

WAREHOUSE EMPLOYEES UNION LOCAL NO. 730 PENSION TRUST FUND
FOURTH QUARTER 2021

PENSION ROLL

		PENSIONERS	MONTHLY PAYOUT
PENSION ROLL AS OF:	9/30/2021	1077	$1,722,180.68
DEATHS REPORTED IN THE:	4TH QUARTER	-11	-$12,767.84
DELETES IN THE:	4TH QUARTER	-4	-$1,019.29
PENSION CHANGES IN THE:	4TH QUARTER		-$3,810.45
PENSIONS TO BE APPROVED:	4TH QUARTER	13	$18,527.25
REINSTATEMENTS:	4TH QUARTER		$0.00
PENSION ROLL AS OF:	12/31/2021	1075	**$1,723,110.35**

TOTAL PENSIONERS
AS OF DECEMBER 31, 2021

LIFE ONLY	243	$209,974.13
60R	113	$37,380.99
84R	93	$84,987.44
96R	7	$9,207.41
120R	382	$1,004,553.54
5 YEAR CERTAIN	5	$10,156.53
10 YEAR CERTAIN	36	$61,049.04
LIFE & 50% SURVIVOR	97	$158,828.95
LIFE & 66 2/3% SURVIVOR	49	$86,965.87
LIFE & 75% SURVIVOR	36	$48,652.56
BENEFICIARY TEMPORARY ANNUITY	1	$226.92
J&S TERMINATED/SPOUSE DECEASED	13	$11,126.97
TOTAL	**1075**	**$1,723,110.35**

Warehouse Employees Union Local No. 730 Pension Trust Fund

INVOICES

March 14, 2022

Acadian Asset Management, LLC

1/27/2022	Fee for investment services for the Quarter ending December 31, 2021	$	8,398.00

Atlanta Capital

1/28/2022	Fee for investment services for the Quarter ending December 31, 2021	$	35,232.00

Blank Rome LLP

2/4/2022	Fee for professional services rendered through Jnauary 31, 2022	$	132.00
1/10/2022	Fee for professional services rendered through December 31, 2021	$	1,320.00
12/3/2021	Fee for professional services rendered through November 30, 2021	$	594.00

Cheiron

2/1/2022	Actuarial services through December 31, 2021- 4th Quarter retainer and non retainer fees	$	6,791.30

C.S. McKee L. P.

1/19/2022	Fee for investment services for the Quarter ending December 31, 2021	$	1,365.79

Great Lakes Advisors

2/3/2022	Fee for investment services for the Quarter ending December 31, 2021	$	20,316.89

Hardman Johnston Global Advisors

1/21/2022	Fee for investment services for the Quarter ending December 31, 2021	$	24,255.74

Investment Performance Services, LLC

3/1/2022	Fee for professional services for the Quarter ending December 31, 2021	$	25,625.00

Loomis Sayles

1/19/2022	Fee for investment services for the Quarter ending December 31, 2021	$	15,390.32

Morgan, Lewis & Bockius, LLP

2/9/2022	Fee for professional services rendered through January 31, 2022	$	2,727.00
1/19/2022	Fee for professional services rendered through December 31, 2021	$	3,571.50
12/15/2021	Fee for professional services, processing November 30, 2021	$	2,381.50

Northern Trust Company

01/07/0222	Fee for investment services for the Quarter ending September 2021	$	1,472.60

Via Electronic Mail

December 27, 2021

Ms. Alicia Cochran
Account Executive
Warehouse Employees Union Local No. 730 Pension Fund
911 Ridgebrook Road
Sparks, MD 21152-9451

Dear Alicia:

This letter represents our proposed fees for the year 2021, pursuant to Section 2 of the Consulting Agreement between Cheiron and the Warehouse Employees Union Local No. 730 Pension Fund dated January 1, 2006.

A) **Retainer** – We propose that the annual fee for 2022 retainer services be increased from $20,370.21 ($5,092.55 per quarter) to $21,388.00 ($5,347.00 per quarter). This is an increase of 5% and is less the rate of increase in CPI for the year to September 2021 our normal measurement period for establishing fee increases. The retainer fee covers the following annual valuation services:

- All aspects of producing the annual valuation report
- Update of the basic *P-Scan* model
- One meeting with the Trustees to present the valuation and the updated model/projections
- One additional Board of Trustees meeting
- Provide information required by the auditor to complete annual filings
- Produce Schedule MB and attachments
- Update any Plan factors used for benefit calculations/lump sums, etc.
- Informal discussions with Trustees or Fund professionals not exceeding ½ hour each

B) **Non-Retainer** – With respect to special consulting projects, Cheiron's billing rates during calendar year 2022 will range between $111 and $525 per hour.

Any other requested services may be performed either on a fixed fee basis negotiated in advance or based on hourly billing rates.

Out-of-pocket travel expenses will be charged separately but travel time will not be compensable. We will not bill for expenses for meetings in the Washington, DC metropolitan area.

If the Trustees accept the above fee structure, please return a signed copy of this letter for our files.

We look forward to working with you and the Trustees during 2022.

Sincerely,
Cheiron

PRHardcastle

Peter R. Hardcastle, CFA, FSA, EA, MAAA
Principal Consulting Actuary

cc: Matt Deveney, FSA, EA, MAAA

Accepted and Agreed To:

______________________________ __________________
Signature Date

Celebrating 20 years

Classic Values, Innovative Advice

Warehouse Employees Union Local No. 730 Pension Trust

Actuarial Valuation Report as of January 1, 2021

Produced by Cheiron

February 2022

TABLE OF CONTENTS

February 17, 2022

Warehouse Employees Union
Local No. 730 Pension Trust
911 Ridgebrook Road
Sparks, Maryland 22102

Dear Trustees:

At your request, we have performed the January 1, 2021 Actuarial Valuation of the Warehouse Employees Union Local No. 730 Pension Trust (the "Fund"). This report contains information on the Fund's assets and liabilities and discloses contribution levels, including the minimum required amount as mandated by Federal law. This report is for the use of the Board of Trustees and its auditors in preparing financial reports in accordance with applicable law and accounting requirements.

Your attention is called to the introductory section in which we refer to the general approach employed in the preparation of this report. We also comment on the sources and reliability of both the data and the actuarial assumptions on which our findings are based. Those comments are the basis for our certification that this report is complete to the best of our knowledge and belief. The results of this report are only applicable to the 2021 Plan Year. Future results may differ significantly from the current plan year presented in this report due to such factors as the following: plan experience differing from that anticipated by the assumptions (e.g. Covid-19); changes in assumptions; and changes in plan provisions or applicable law. This report does not reflect the potential relief offered under the American Rescue Plan Act.

This report and its contents have been prepared in accordance with generally recognized and accepted actuarial principles and practices which are consistent with the Code of Professional Conduct and applicable Actuarial Standards of Practice set out by the Actuarial Standards Board. Furthermore, as credentialed actuaries, we meet the Qualification Standards of the American Academy of Actuaries to render the opinion contained in this report. This report does not address any contractual or legal issues. We are not attorneys, and our firm does not provide any legal services or advice.

This report was prepared exclusively for the Fund for the purposes described herein. Other users of this valuation report are not intended users as defined in the Actuarial Standards of Practice, and Cheiron assumes no duty or liability to any other users.

Sincerely,
Cheiron

Peter R. Hardcastle, CFA, FSA, MAAA, EA
Principal Consulting Actuary

Matthew Deveney, FSA, MAAA, EA
Consulting Actuary

FOREWORD

Cheiron has performed the Actuarial Valuation of the Warehouse Employees Union Local No. 730 Pension Trust as of January 1, 2021. The purpose of this report is to:

1) **Measure and disclose**, as of the valuation date, the financial condition of the Fund;

2) **Provide specific information** and documentation required by the Federal Government and the auditors of the Fund; and

3) **Review past and expected trends** in the financial conditions of the Fund.

An actuarial valuation establishes and analyzes fund assets, liabilities and contributions on a consistent basis, and traces the progress of both from one year to the next. It includes measurement of the fund's investment performance as well as an analysis of actuarial liability gains and losses.

Section I presents a summary of the key valuation results, general comments about the results, a review of historical trends including assets versus liabilities, minimum funding, participation and cash flows, and projection scenarios.

Section II discloses specific risks that may significantly affect the Plan's future financial condition.

Section III contains exhibits relating to the valuation of assets.

Section IV shows the various measures of liabilities.

Section V shows the development of the minimum and maximum contributions.

Section VI provides the calculation of unfunded vested benefits for withdrawal liability purposes as of January 1, 2021 that would be allocated to employers that withdrew during the 2021 calendar year.

Section VII provides the FASB Accounting Standard Codification (ASC) 960 Disclosure required by the Fund's auditor.

The appendices to this report contain a summary of the Fund's membership at the valuation date, a summary of the major provisions of the Fund, and the actuarial methods and assumptions used in the valuation.

In preparing our report, we relied on information (some oral and some written) supplied by Associated Administrators, LLC and Novak Francella, LLC. This information includes, but is not limited to, the fund provisions, employee data, and financial information. We performed an informal examination of the obvious characteristics of the data for reasonableness and consistency in accordance with Actuarial Standard of Practice No. 23.

The actuarial assumptions reflect our understanding of the likely future experience of the Fund and the assumptions, taken individually, represent our best estimate for the future experience of the Fund. Future experience may differ significantly from the current results presented in this report due to such factors as the following: plan experience differing from that anticipated by the assumptions; changes in assumptions; and changes in plan provisions or applicable law.

Please note this valuation was prepared using census data and financial information as of the valuation date, January 1, 2021 and events following that date are not reflected.

SECTION I – SUMMARY

The table below sets out the principal results of this year's valuation and compares them to last year's results. Both years reflect that the Board adopted funding relief under Internal Revenue Code Sections 431(d) and 431(b)(8).

Table I-1
Summary of Principal Results

	January 1, 2020	January 1, 2021	Change
Participant Counts			
Actives	294	288	(2.0%)
Terminated Vesteds	703	675	(4.0%)
In Pay Status	1,030	1,044	1.4%
Total	2,027	2,007	(1.0%)
Financial Information			
Market Value of Assets	$ 161,910,558	$ 166,447,419	2.8%
Actuarial Value of Assets	154,623,680	152,966,201	(1.1%)
AVA as a % of MVA	95.5%	91.9%	
Entry Age Actuarial Liability	$ 295,591,424	$ 295,194,605	(0.1%)
Surplus (Unfunded Actuarial Liability)	(140,967,744)	(142,228,404)	N/A
Present Value of Accrued Benefits/Accrued Liability	$ 290,601,829	$ 289,872,386	(0.3%)
Accrued Benefit Surplus (Unfunded)	(135,978,149)	(136,906,185)	N/A
Accrued Benefit Funding Ratio (AVA Basis)	53.2%	52.8%	N/A
Present Value of Vested Benefits	$ 288,102,507	$ 287,371,773	(0.3%)
Vested Benefit Surplus (Unfunded)	(126,191,949)	(120,924,354)	N/A
Vested Benefit Funding Ratio (MVA Basis)	56.2%	57.9%	N/A
Contributions and Cash Flows			
ERISA Credit Balance (Beginning of Year)	$ (36,920,899)	$ (48,993,585)	32.7%
Employer Contributions (actual/*estimated*)	4,958,333	*5,340,921*	7.7%
ERISA Minimum Funding before Credit Balance	14,617,163	11,929,097	(18.4%)
Prior Year Benefit Payouts	$ 20,567,862	$ 21,007,589	2.1%
Prior Year Administrative Expenses	355,379	631,346	77.7%

SECTION I – SUMMARY

On March 11, the American Rescue Plan Act of 2021 (ARPA) was signed into law. The Act provides financial assistance to certain plans in order to pay full benefits and expenses through 2051. In addition, on July 12, 2021 the Pension Benefit Guaranty Corporation (PBGC) issued interim final regulations providing details on how the special financial assistance program will be administered.

The Plan is eligible to receive financial assistance given its Critical and Declining PPA status and the financial assistance will significantly change the Plan's projected insolvency date.

PBGC has established an application priority timetable for plans qualifying for special financial assistance but the Plan does not meet any of the criteria for a priority category and likely will not be able to apply for assistance before 2023.

General Comments

Investment and liability experience and their effect on future costs traditionally have been the focus of year-to-year analyses.

- The Market Value of Assets (MVA) returned 13.82% during the year ending December 31, 2020. The total actuarial investment gain (the difference between actual and expected returns) was $10.5 million.
- For long-term planning and especially for minimum funding requirements, the Fund develops an Actuarial Value of Assets (AVA) to smooth investment gains and losses over time. Due to the continued phase-in of historical investment gains and losses of the past five years, the rate of return on the AVA was 10.08%, resulting in an actuarial gain of $4.5 million.
- For minimum funding requirements, the Fund's actuarial liability is determined using the Entry Age Normal Cost Method. The liability decreased by $0.4 million, decreasing more than expected which resulted in a liability experience gain of $0.2 million.
- The end of year minimum required contribution, before taking into account the credit balance, decreased from $14.6 million to $11.9 million. The decrease was mostly attributable to a number of large amortization charge bases that were fully recognized last year.
- During the 2020 Plan Year, the Fund's funding deficiency increased from $36.9 million to $49.0 million. Due to the Pension Protection Act of 2006 (PPA), no excise tax is due provided the Fund has a valid Rehabilitation Plan and all employers are complying with it.

PPA added a significant layer of new considerations related to the Fund's PPA funded status.

- For 2021, the Fund was certified as "Critical and Declining" under PPA as amended. This was caused by the current funding deficiencies and the projected insolvency within the next 14 years. The PPA status is re-determined annually.
- The Fund's funded ratio for PPA purposes is based on the accrued liability determined using the Unit Credit Cost Method. It decreased from 53.2% to 52.8% primarily due to last year's negative cash flow (contributions less benefit payments and expenses) of approximately 10% of the assets.

SECTION I – SUMMARY

- The Board of Trustees of the Fund first adopted a Rehabilitation Plan (RP) on November 26, 2009. The Rehabilitation Plan is applicable for collective bargaining agreements and participation agreements renewed or extended after December 25, 2009. The Fund's Rehabilitation Period began on January 1, 2012.

  After the initial adoption of the Rehabilitation Plan, subsequent employer withdrawals resulted in a deterioration of the funding of the plan. Consequently, in 2014 the Trustees updated the Rehabilitation and adopted a "reasonable measures to forestall insolvency" approach for PPA compliance.

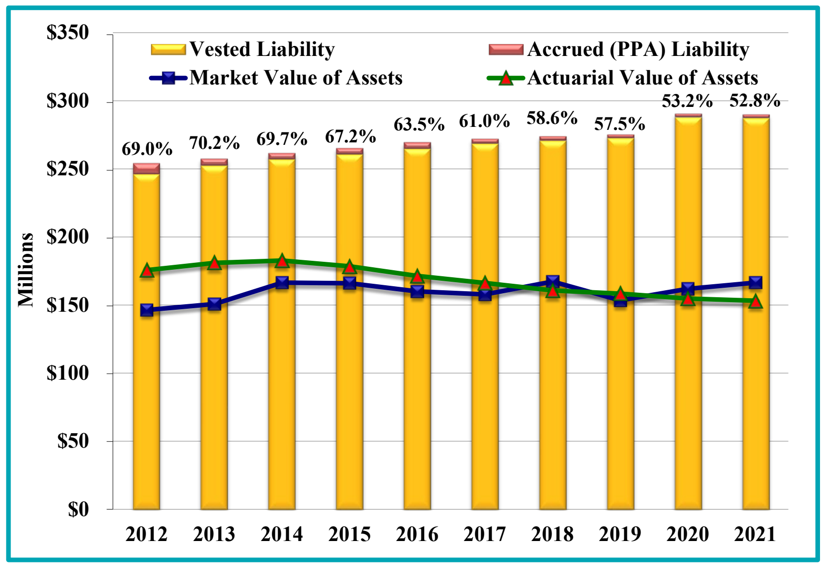
- In February 2010, the Trustees took a five-year extension of the Fund's amortization bases as of January 1, 2009 under Section 431(d) of the Code. The net impact on the Funding Standard Account is a $16.7 million smaller funding deficiency, as of January 1, 2021, from what it would be without the Section 431(d) extension. Unless indicated otherwise, throughout this report, the terms credit balance and funding deficiency refer to the amounts reflecting the 431(d) extension.

- The Unfunded Vested Benefits (UVB) on a market value basis decreased from $126.2 million to $120.9 million. Under the provisions of the Multiemployer Pension Plan Amendment Act of 1980 (MPPAA) if the vested benefit liabilities exceed fund assets, an assessment of Withdrawal Liability may be made to any employer withdrawing from the Fund.

Historical Summary

It is important to take a step back from the results and view them in the context of the Plan's recent history. On the following page there are two charts which display key results in the valuations of the last ten years.

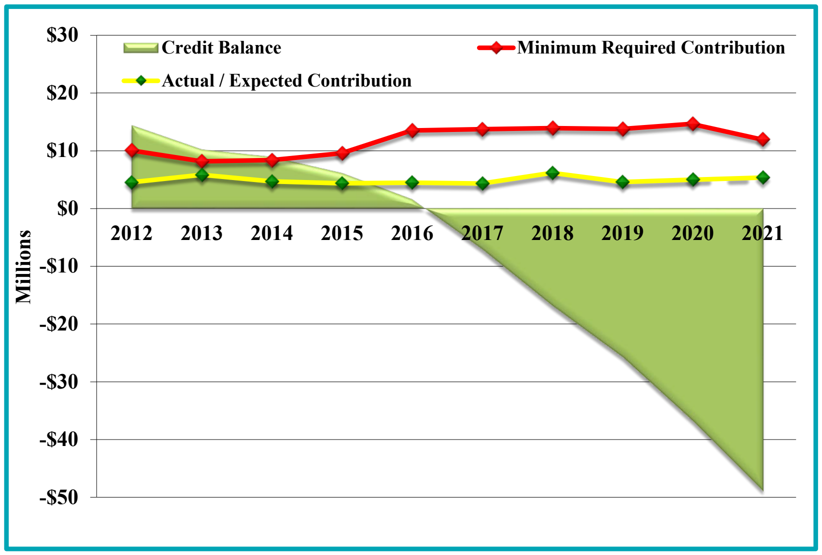
Assets & Liabilities: The first graph on the following page compares historical assets and liabilities. The gold bars represent the present value of vested benefits while the red bars add the additional non-vested benefits making up the Accrued Liability. The blue line is the Market Value of Assets and the green line is the Actuarial Value of Assets. The percentages shown on top of the bars represent the Fund's PPA funding ratio (AVA as a percentage of Accrued Liabilities).



SECTION I – SUMMARY

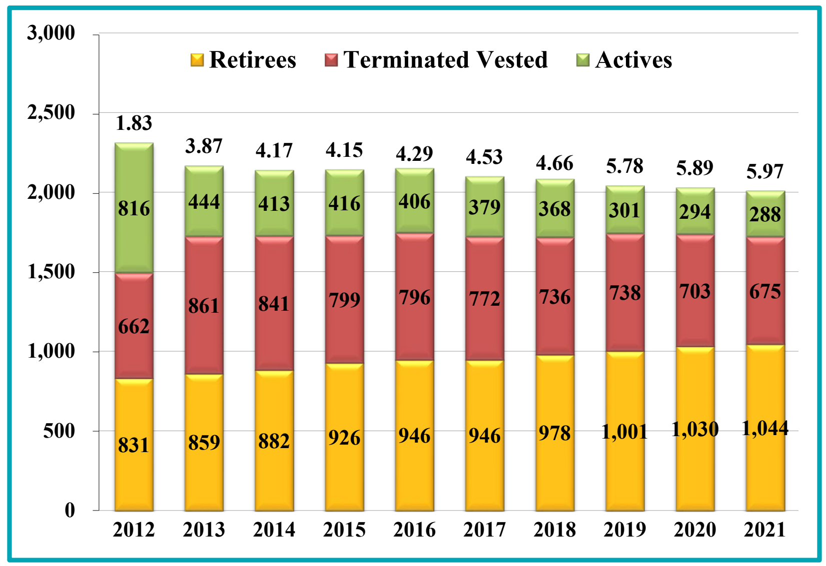
With the exception of 2013, the funded ratio has decreased each year in the period shown. This is primarily due to actual contributions being less than anticipated following the withdrawal of several employers. For 2021, the funded ratio decreased from 53.2% to 52.8% despite the contribution shortfall due to the impact of the $4.7 million actuarial gain.

Minimum Funding: The next graph shows the Credit Balance (green area) which is the accumulated contributions in excess of the Minimum Required Contribution before the Credit Balance (red line), and the Actual Contributions (yellow line).



On average, the contributions for the last ten years have been significantly lower than the minimum required contribution. This has caused a steep decline in the credit balance over the entire projection period, leading to a funding deficiency beginning in 2017. Contributions, including expected Withdrawal Liability payments, are expected to again fall short of the minimum required contribution next year.

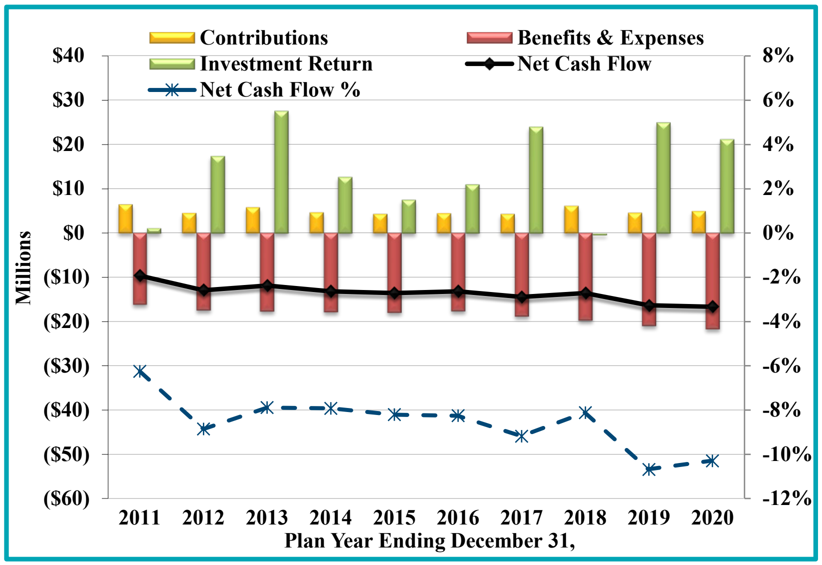
Participation: The following graph shows the participation of the Fund at successive valuation dates. The numbers above each bar represent the number of inactive members to active members (i.e., support ratio) at each valuation date. The support ratio increased significantly as of January 1, 2013 due to the withdrawal of two participating employers (Jessup and McKesson) during 2012. Another increase is noticeable as of January 1, 2019 as a result of the 2018 withdrawal of Adams Burch.



SECTION I – SUMMARY

<u>Cash Flow:</u> The following graph shows the Fund's cash flow, contributions less benefit payments and expenses, at successive valuation dates. This is a critical measure, as it reflects the ability to have funds available to meet benefit payments without having to make difficult investment decisions, especially during volatile markets.

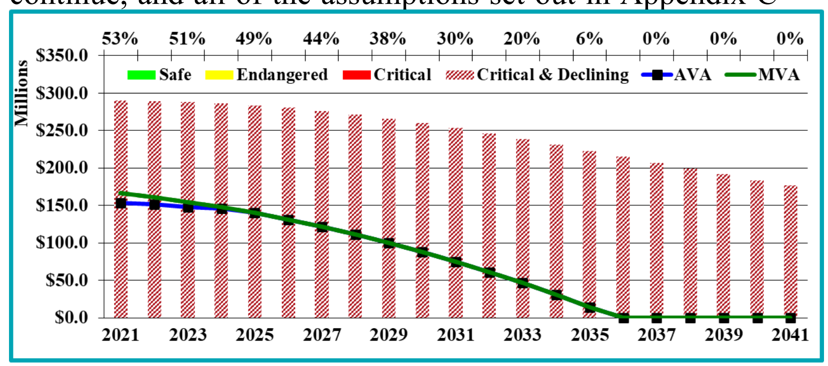
The main consequence for a fund with negative cash flow is that the impact of market fluctuations will be more severe. This is because assets will have to be used to pay benefits in down markets and there will be less principal left to benefit from later favorable investment experience.



Future Outlook

Turning away from viewing a single year's results or historical trends here we focus on the future of the Fund. In light of the Fund's "Critical and Declining" classification, this future outlook focuses on the projection of assets. Note this projection does not incorporate any ARPA provisions or expected Special Financial Assistance.

The following projection assumes participation remains constant, annual contribution increases of 4.9% through 2027, 2% through 2032, and 0% thereafter, the expected Withdrawal Liability payments from McKesson Drug continue, and all of the assumptions set out in Appendix C



SECTION II – RISK ANALYSIS

Actuarial valuations are based on a set of assumptions about future economic and demographic experience. In our opinion, the assumptions we are using are our best estimate of the Fund's long-term future experience.

Nonetheless, it is important to realize that future experience could deviate, sometimes significantly, from that predicted by our assumptions. This deviation of actual experience compared to expected experience can affect the future viability of the Fund and must be monitored closely.

This section of the report is intended to identify the primary risks to this fund, provide some background information about those risks and the factors that influence them, and provide an assessment of them.

Identification of Risks

The primary risk that every plan faces is future insolvency. This is the risk that its current assets and future contributions are or will be inadequate to fund all plan benefits. For some plans, this risk is small. For others it is significant. This insolvency risk can manifest itself in several different ways:

- An impending insolvency date, a near term date when its assets will be completely depleted,
- Funded ratios that are declining, especially if they are currently less than 100%, and
- Funded ratios that are never expected to exceed 100%.

As shown in the previous section, under the baseline projection scenario, the Fund is projected to become insolvent during the 2035 plan year. Once the Fund becomes insolvent, benefits are required to be reduced to the PBGC guaranteed level. While this will have little or no impact for some participants, it could result in significant reductions in the monthly benefit amount being paid for others.

The remainder of this section focuses on how the potential insolvency date could change thereby changing the amount of time before such benefit cuts would go into effect. The key items that will impact this date are:

- Investment returns,
- Contributions and Withdrawal Liability payments.

Other risk factors that are not explicitly identified may also turn out to be important.

Investment Risk is the potential for investment returns to be different than expected. The current assumption for investment returns is 7.00% per year net of investment expenses. This is a long-term expectation. In any given year, investment returns can be greater than or less than this assumption. However, over time the geometric mean of the actual investment returns over time should be close to the assumption.

Lower investment returns than anticipated will hasten the insolvency.

SECTION II – RISK ANALYSIS

The potential magnitude and volatility of future investment returns is influenced by economic conditions and the Fund's asset allocation. A Critical and Declining plan with an investment portfolio generating higher expected rates of return may anticipate a longer period until insolvency, or even an avoidance of insolvency. However, this approach also comes with higher expectations of volatility.

Due to the significant underfunding and large negative net cash flow, investment returns have a much less significant impact than with a better funded plan. The investment returns become even less significant as the projected insolvency date nears.

Contribution and Withdrawal Liability Payment risk is the potential for actual future money coming into the Fund to deviate from what is expected in the baseline projection. In particular, additional future withdrawals can reduce the regular contribution income because increases under the rehabilitation plan will cease and the contribution rate used to calculate the withdrawal liability payment is the 2014 rate. Additionally, bankruptcies can impact the willingness or ability of previously withdrawn employers to make their required withdrawal liability payments to the Fund.

Deterministic Scenarios/Stress Testing

To understand the impact of the identified risks, we compare the baseline projection with other scenarios to investigate how the risks can affect the future financial condition of the Plan.

The scenarios are listed below, and the results are summarized in the following table.

For Investment Risk analysis we have analyzed:

1. Return in 2021 being 7.0% lower than expected (and returning 7.0% for all other future years); and
2. Return in 2021 being 7.0% higher than expected (and returning 7.0% for all other future years)

For Contribution Risk analysis we have analyzed:

1. A complete cessation of contributions and withdrawal liability payments; and
2. A complete cessation of contributions coupled with zero asset returns (i.e. as if the assets were invested in cash).

Table II-1

Scenario	Year of Insolvency
Baseline (7.0% in all years)	2035
Investment Risk	
A. One-year negative shock (0.0% in 2021, 7.00% thereafter)	2034
B. One-year positive shock (14.0% in 2021, 7.00% thereafter)	2037
Contribution Risk	
C. No future contributions or withdrawal liability payments	2030
D. No future investment income, contributions, or withdrawal liability payments	2028

SECTION III – ASSETS

Assets at Market Value

Market values represent "snap-shot" or "cash-out" values, which provide the principal basis for measuring financial performance from one year to the next.

Table III-1
Statement of Assets at Market Value, December 31

	2019	2020
Invested Assets		
Common Stocks	$ 43,571,348	$ 46,101,788
U.S. Government Agencies Notes and Bonds	668,067	1,085,463
Corporate Notes and Bonds	1,020,887	1,124,434
Limited Partnerships & DFEs	86,669,192	82,561,949
Common Collective Trusts	24,905,194	27,593,211
Temporary Investments	3,248,646	6,043,620
Total Investments:	$ 160,083,334	$ 164,510,465
Other Assets		
Employer Contributions Receivable	303,271	360,503
Accrued Interest and Dividends	60,372	43,822
Other Receivables	1,802	2,795
Prepaid Expenses	25,146	31,187
Cash	1,729,331	1,720,040
Accounts Payable	(146,937)	(220,087)
Accounts Receivable	0	0
Due to Broker	(145,761)	(1,306)
Total Non-Invested Assets:	$ 1,827,224	$ 1,936,954
Net Assets Available for Benefits	$ 161,910,558	$ 166,447,419

The table above shows the market value of assets taken into account for funding purposes. These values exclude receivable withdrawal liability payments because they are not "receivable" as defined by the IRS. At December 31, 2020, the amount including this receivable shown in the audited financial statement was $171,959,831.

Changes in Market Value

The components of asset change are:

- Contributions
- Benefit payments
- Expenses
- Investment income (realized and unrealized)

The specific changes during 2020 are presented below.

Table III-2 *
Changes in Market Values

Value of Assets - January 1, 2020	$ 161,910,558
Employer Contributions	4,460,578
Withdrawal Liability Payments	497,755
Investment Return (Gross)	22,526,101
Benefit Payments	(21,007,589)
Administrative Expenses	(631,346)
Investment Expenses	(1,308,638)
Value of Assets - January 1, 2021	$ 166,447,419

* On this table $1,000 of other income is classed as investment income.

SECTION III – ASSETS

Investment Performance

The following table calculates the investment gain/loss and the return for the plan year on a market value basis. The return is an appropriate measure for comparing the actual asset performance to the prior year's long-term 7% assumption.

Table III-3
Change in Market Value of Assets

Item	Market Value
January 1, 2020 value	$ 161,910,558
2020 Employer Contributions	4,460,578
2020 Withdrawal Liability Payments	497,755
2020 Benefit Payments	(21,007,589)
Actual Administrative Expenses	(631,346)
Expected Investment Earnings (7%)	10,759,792
Expected Value December 31, 2020	$ 155,989,748
Investment Gain / (Loss)	10,457,671
January 1, 2021 value	$ 166,447,419
Investment Return	13.82%

Assets at Actuarial Value

For long-term planning, actuaries developed an actuarial value of assets using smoothing techniques to mitigate the effects of short-term volatility exhibited by the capital markets. The asset valuation method, adopted with the 2007 valuation, phases in actuarial investment gains and losses over five years. The actuarial value of assets is then constrained, if necessary, so that it is not more than 120% of the market value and is not less than 80% of the market value. The asset valuation method is described more fully in Appendix C.

The table below shows the development of the actuarial value of assets.

Table III-4
Development of Actuarial Value of Assets

Market Value of Assets as of January 1, 2021				$ 166,447,419
Plan Year	Investment Gains / (Losses)	Percent Recognized	Percent Deferred	Amount Deferred
12/31/2016	(1,210,474)	100%	0%	0
12/31/2017	11,936,534	80%	20%	2,387,307
12/31/2018	(13,240,083)	60%	40%	(5,296,033)
12/31/2019	13,373,011	40%	60%	8,023,807
12/31/2020	10,457,671	20%	80%	8,366,137
Total				$ 13,481,218
Preliminary Actuarial Value of Assets January 1, 2021				$ 152,966,201
120% of MV, upper limit for actuarial value				199,736,903
80% of MV, lower limit for actuarial value				133,157,935
Actuarial Value of Assets January 1, 2021				$ 152,966,201
- as a percent of Market Value of Assets				91.9%

SECTION III – ASSETS

Asset Gain/(Loss)

The following table calculates the investment gain/loss and the return for the plan year on an actuarial value basis. This gain/loss is one component of the Fund's overall actuarial experience gain/loss, which is recognized for minimum funding requirements.

Over 2020, the Fund's assets at actuarial value produced an actuarial gain of $4,512,582.

Table III-5
Change in Actuarial Value of Assets

Item	Actuarial Value
January 1, 2020 value	$ 154,623,680
2020 Employer Contributions	4,460,578
2020 Withdrawal Liability Payments	497,755
2020 Benefit Payments	(21,007,589)
Expected Administrative Expenses	(366,579)
Expected Investment Earnings (7%)	10,245,774
Expected Value December 31, 2020	$ 148,453,619
Investment Gain / (Loss)	4,512,582
January 1, 2021 value	$ 152,966,201
Investment Return	10.08%

SECTION IV – LIABILITIES

In this section, we present detailed information on the Fund's liabilities including:

- **Disclosure** of the Fund's liabilities at January 1, 2020 and January 1, 2021; and

- Statement of **changes** in these liabilities during the year.

Disclosure

Several types of liabilities are calculated and presented in this report. Each type is distinguished by the purpose for which they are used.

- **Actuarial Liabilities:** Used in determining minimum funding requirements, maximum tax-deductible contributions, and long-term funding targets, this amount is calculated using the **Entry Age Normal Cost Method.**

- **Accrued Liabilities:** Used for communicating the current levels of liabilities, these liabilities represent the total amount of money needed to fully pay off all future obligations of the Fund using funding assumptions and assuming no further accrual of benefits. They are determined using the **Unit Credit Cost Method**.

  These liabilities are used for determining funded status under PPA. The law requires them to be compared to the actuarial value of assets to measure funded status. They can also be used to establish comparative benchmarks with other plans.

  The accrued liabilities must also be included in the Fund's financial statement for accounting disclosure purposes (FASB ASC Topic No. 960). However, the accounting disclosure must also include the present value of future administrative expenses. This sum is called the Present Value of Accumulated Benefits.

- **Vested Liabilities:** Used for administrative purposes in determining employer withdrawal liability, this liability represents that portion of the accrued liabilities, which are vested.

- **Current Liabilities:** Used for Federal Government compliance purposes, the calculation of this liability is defined by federal regulations and is used to determine maximum allowable tax-deductible contributions.

The table on the following page discloses each of these liabilities for the current valuation and the prior one. With respect to each disclosure, a subtraction of the appropriate value of fund assets yields, for each respective type, a **surplus or unfunded liability**.

SECTION IV – LIABILITIES

Table IV-1
Liabilities/Net Surplus (Unfunded)

		January 1, 2020		January 1, 2021
ACTUARIAL LIABILITY				
Active Participant Benefits	$	45,558,251	$	43,442,336
Retiree and Inactive Benefits		250,033,173		251,752,269
Actuarial Liability	**$**	**295,591,424**	**$**	**295,194,605**
Actuarial Value of Assets		154,623,680		152,966,201
Net Surplus (Unfunded)	**$**	**(140,967,744)**	**$**	**(142,228,404)**
CURRENT LIABILITY (RPA 1994)				
Current Liability	**$**	**472,892,075**	**$**	**498,810,834**
Market Value of Assets		161,910,558		166,447,419
Net Surplus (Unfunded)	**$**	**(310,981,517)**	**$**	**(332,363,415)**

SECTION IV – LIABILITIES

Allocation of Liabilities by Type

The Fund's participants may qualify for a benefit upon death, termination, and disability as well as upon retirement. The value of the liabilities arising from each of these sources is shown in the following table.

Table IV-2
Allocation of Liabilities by Type

Benefit Type	Retirement	Termination	Death	Expenses	Total
Entry Age Normal Cost	$ 617,713	$ 152,002	$ 9,187	$ 464,692	$ 1,243,594
Entry Age Actuarial Liability					
Actives	$ 42,894,310	$ 294,610	$ 253,416	$ 0	$ 43,442,336
Terminated Vesteds	0	78,475,821	0	0	78,475,821
Retirees and Beneficiaries	166,852,809	0	6,423,639	0	173,276,448
Total	$ 209,747,119	$ 78,770,431	$ 6,677,055	$ 0	$ 295,194,605
Current Liability Normal Cost	$ 2,651,775	$ 316,765	$ 18,085	$ 0	$ 2,986,625
Current Liability					
Actives	$ 74,570,180	$ 4,011,453	$ 367,803	$ 0	$ 78,949,436
Terminated Vesteds	0	158,705,543	0	0	158,705,543
Retirees and Beneficiaries	251,722,515	0	9,433,340	0	261,155,855
Total	$ 326,292,695	$ 162,716,996	$ 9,801,143	$ 0	$ 498,810,834
Vested Current Liability					
Actives	$ 25,305,962	$ 48,862,373	$ 358,685	$ 0	$ 74,527,020
Terminated Vesteds	0	158,705,543	0	0	158,705,543
Retirees and Beneficiaries	251,722,515	0	9,433,340	0	261,155,855
Total	$ 277,028,477	$ 207,567,916	$ 9,792,025	$ 0	$ 494,388,418

Changes in Liabilities

Each of the liabilities shown in the table below is subject to change at successive valuations as the experience of the Fund varies from that assumed in the valuation. The liabilities may change for any of several reasons, including:

- New hires since the last valuation
- Benefits accrued since the last valuation
- Plan amendments
- Interest on liabilities
- Benefits paid to retirees
- Participants leaving employment at rates different from expected
- Changes in actuarial assumptions
- Changes in actuarial methods

Table IV-3
Reconciliation of Liabilities

	Actuarial Liability	Accrued Liability
Liabilities as of January 1, 2020	$ 295,591,424	$ 290,601,829
Liabilities as of January 1, 2021	$ 295,194,605	$ 289,872,386
Liability Increase (Decrease)	$ (396,819)	$ (729,443)
Change Due due to:		
Plan Amendment	$ 0	$ 0
Assumption Change	0	0
Accrual of Benefits	787,628	1,204,926
Passage of Time (Interest less benefits paid)	(983,885)	(1,303,946)
Other Sources	0	0
Actuarial Liability (Gain) / Loss	(200,562)	(630,423)
Total Change	$ (396,819)	$ (729,443)

SECTION V – CONTRIBUTIONS

In this section, we present detailed information on the Fund's contributions from two perspectives:

- **Actuarially determined** contributions or actuarial cost and
- **Government Limits,** which could affect the above.

Actuarial Determined Contributions

For this Fund, the cost method used to calculate the actuarially determined contribution is the **Entry Age Normal Cost Method**. The actuarially determined contribution or cost is determined in two parts.

The first part is the **Entry Age Normal Cost**. This is the level cost of providing the benefits promised by the Fund to each individual participant in service at the valuation date assuming that contributions are made over the period of the participant's working life. The normal cost includes a provision for the Fund's expenses.

The second part is an amortization payment to pay off the unfunded actuarial liability. The unfunded actuarial liability is the difference between the actuarial assets of the Fund at the valuation date and the assets the Fund should hold as determined by the actuarial cost method. The amortization payment is determined using the amortization schedule established by the IRS minimum funding rules. In addition to this amount, a Funding Deficiency needs to be addressed. Under the IRS rules prior to PPA this would have been a simple one-time addition to the required contribution.

Government Limits

ERISA and the IRS tax code place various limits on the contributions made to qualified pension plans. The limits impact the minimum that must be paid, the maximum that can be deducted and the timing of contributions. Pension plans are required to retain an Enrolled Actuary to report on the progress of funding through completion of Schedule MB to Form 5500 on an annual basis. The actuarially determined contribution/cost for 2021 is shown in the following table compared to the various Government Limits and the estimated employer contributions (including withdrawal liability payments).

The table below summarizes the results of the tables on the following pages. It also shows the per capita actuarially determined contribution/actuarial cost and per capita expected contribution. The cost is almost three times the expected contribution.

Table V-1
Contributions for 2021

Required Contribution Before Funding Deficiency		
Entry Age Normal Cost	$	778,902
Administrative Expense		464,692
Amortization Payment		9,905,095
Interest to End of Year		780,408
Total	$	11,929,097
Government Limits		
Maximum Deductible Contribution	$	548,118,795
Minimum Required Contribution (before Funding Deficiency)	$	11,929,097
Funding Deficiency (with interest to End of Year)	$	52,423,136
Minimum Contribution (after Funding Deficiency)	$	64,352,233
Employer Contributions with Interest*	$	5,524,692
Count of Active Participants		288
Per Capita Actuarial Cost	$	41,420
Per Capita Contribution	$	19,183

* Estimated contributions of $5,340,921 (including interest to end of year)

SECTION V – CONTRIBUTIONS

Table V-2
Funding Standard Account for 2020 and 2021 Plan Years

	2020	2021
1. Charges For Plan Year		
a. Funding Deficiency	$ 36,920,899	$ 48,993,585
b. Normal Cost with Expenses	1,154,207	1,243,594
c. Amortization Charges	21,780,503	19,068,386
d. Interest on a., b. and c. to Year End	4,189,893	4,851,390
e. Additional Funding Charge	N/A	N/A
f. Interest Charge due to Late Quarterly Contributions	N/A	N/A
g. Total Charges	$ 64,045,502	$ 74,156,955
2. Credits For Plan Year		
a. Prior Year Credit Balance	$ 0	$ 0
b. Employer Contributions (actual/*expected*)	4,958,333	*5,340,921*
c. Amortization Credits	9,273,810	9,163,291
d. Interest on a., b., and c. to Year End	819,774	825,201
e. Full Funding Limit Credit	0	0
f. Total Credits	$ 15,051,917	$ 15,329,413
3. Credit Balance at End of Year [2. - 1., not less than $0]	$ 0	$ 0
4. Funding Deficiency at End of Year [1. – 2., not less than $0]	$ 48,993,585	$ 58,827,542

SECTION V – CONTRIBUTIONS

Table V-3
Calculation of the Maximum Deductible Contribution for the Plan Year Starting January 1, 2021

1. "Fresh Start" Method		
a. Normal Cost with Expenses	$	1,243,594
b. Net Charge to Amortize Unfunded Actuarial Liability Over 10 years		18,925,350
c. Interest on a. and b.		1,411,826
d. Total		21,580,770
e. Minimum Required Contribution at Year End		64,352,233
f. Larger of d. and e.		64,352,233
g. Full Funding Limitation as of Year End		302,093,593
h. Regular Maximum Deductible Contribution, lesser of f. and g.	$	64,352,233
2. 140% of Current Liability Calculation*		
a. RPA 1994 Current Liability at Start of Year	$	498,810,834
b. Present Value of Benefits Estimated to Accrue during Year		2,986,625
c. Expected Benefit Payments		21,678,914
d. Net Interest on a., b. and c. at Current Liability Interest Rate		11,931,860
e. Expected Current Liability at End of Year, [a. + b. – c. + d.]		492,050,405
f. 140% of e.		688,870,567
g. Actuarial Value of Assets		152,966,201
h. Expected Expenses at Start of Year		464,692
i. Net Interest on c., g. and h. at Valuation Interest Rate		9,929,177
j. Estimated Value of Assets, [g. – c. – h. + i.]		140,751,772
k. Unfunded Current Liability at Year End, [f. – j.]	$	548,118,795
3. Maximum Deductible Contribution at Year End, greater of 1. and 2.	$	548,118,795

* Based on combined mortality specified in Reg. §1.412(l)(7)-1 and an interest rate of 2.43%.

SECTION V – CONTRIBUTIONS

Table V-4
Development of Actuarial Gain/(Loss)
for the Year Ended December 31, 2020

1.	Unfunded Actuarial Liability at Start of Year	$	140,967,744
2.	Normal Cost (with expenses) at Start of Year	$	1,154,207
3.	Interest on 1. and 2. to End of Year	$	9,948,537
4.	Employer Contributions for Year	$	4,958,333
5.	Interest on 4. to End of Year	$	170,607
6.	Change in Unfunded Actuarial Liability Due to Changes in Plan Design	$	0
7.	Change in Unfunded Actuarial Liability Due to Changes in Assumptions	$	0
8.	Expected Unfunded Actuarial Liability at End of Year [1. + 2. + 3. – 4. - 5. + 6.+ 7.]	$	146,941,548
9.	Actual Unfunded Actuarial Liability at End of Year, not less than zero	$	142,228,404
10.	Actuarial Gain / (Loss) [8. – 9.]	$	4,713,144
	(a) Liability Gain / (Loss)	$	200,562
	(b) Asset Gain / (Loss)	$	4,512,582

SECTION V – CONTRIBUTIONS

Table V-5
Schedule of Amortizations Required for Minimum Required Contribution
as of January 1, 2021

Type of Base	Date Established	1/1/2021 Outstanding Balance	Remaining Amortization Years [1]	Beginning of Year Amortization Amount
CHARGES				
1. Increase in Employer Contributions	01/01/1987	$ 91,779	1	$ 91,779
2. Change in Actuarial Assumptions	01/01/1988	15,378	2	7,949
3. Increase in Employer Contributions	01/01/1988	201,270	2	104,038
4. Increase in Employer Contributions	01/01/1989	348,371	3	124,063
5. Increase in Employer Contributions	01/01/1990	384,281	4	106,029
6. Increase in Employer Contributions	01/01/1991	744,348	5	169,663
7. Plan Amendments	01/01/1992	22,963	6	4,503
8. Increase in Employer Contributions	01/01/1992	337,820	6	66,235
9. Change in Actuarial Assumptions	01/01/1992	982,486	6	192,637
10. Increase in Employer Contributions	01/01/1993	597,378	7	103,594
11. Increase in Employer Contributions	01/01/1994	803,247	8	125,718
12. Increase in Employer Contributions	01/01/1995	706,663	9	101,367
13. Plan Amendments	01/01/1996	420,145	10	55,906
14. Increase in Employer Contributions	01/01/1996	805,210	10	107,144
15. Plan Amendments	01/01/1997	28,545	11	3,558
16. Increase in Employer Contributions	01/01/1997	889,895	11	110,910
17. Increase in Employer Contributions	01/01/1998	399,022	12	46,951
18. Plan Amendments	01/01/1998	7,244,447	12	852,421
19. Increase in Employer Contributions	01/01/1999	1,283,655	13	143,543
20. Plan Amendments	01/01/1999	2,897,432	13	324,000
21. Increase in Employer Contributions	01/01/2000	331,785	14	35,456
22. Plan Amendments	01/01/2001	287,285	15	29,479
23. Change in Actuarial Assumptions	01/01/2001	531,840	15	54,573

[1] The remaining amortization period for the charge bases established prior to 1/1/2009 reflect a 5-year automatic extension granted under 431(d).

SECTION V – CONTRIBUTIONS

Table V-5
Schedule of Amortizations Required for Minimum Required Contribution
as of January 1, 2021

Type of Base	Date Established	1/1/2021 Outstanding Balance	Remaining Amortization Years [1]	Beginning of Year Amortization Amount
CHARGES				
24. Increase in Employer Contributions	01/01/2001	$ 1,790,074	15	$ 183,683
25. Plan Amendments	01/01/2002	466,323	16	46,135
26. Increase in Employer Contributions	01/01/2002	1,643,227	16	162,568
27. Experience Loss	01/01/2002	198,094	1	198,094
28. Increase in Employer Contributions	01/01/2003	1,854,066	17	177,480
29. Experience Loss	01/01/2003	1,600,272	2	827,194
30. Increase in Employer Contributions	01/01/2004	1,680,081	18	156,095
31. Experience Loss	01/01/2004	1,656,592	3	589,950
32. Increase in Employer Contributions	01/01/2005	1,908,950	19	172,614
33. Experience Loss	01/01/2005	1,802,925	4	497,452
34. Recognized Portion of the 2008 ENIL	01/01/2009	36,545,649	17	3,498,313
35. Bifurcation Base	01/01/2009	5,761,859	8	901,800
36. Bifurcation Base	01/01/2010	2,921,625	4	806,118
37. Recognized Portion of the 2008 ENIL	01/01/2011	5,285,480	17	505,950
38. Recognized Portion of the 2008 ENIL	01/01/2012	16,922,789	17	1,619,925
39. Assumption Change	01/01/2012	8,032,334	6	1,574,907
40. Recognized Portion of the 2008 ENIL	01/01/2013	5,656,774	17	541,492
41. Recognized Portion of the 2008 ENIL	01/01/2014	3,568,775	17	341,619
42. Experience Loss	01/01/2015	3,436,498	9	492,949
43. Experience Loss	01/01/2016	5,501,763	10	732,082
44. Experience Loss	01/01/2017	2,088,064	11	260,242
45. Experience Loss	01/01/2018	1,755,927	12	206,612
46. Assumption Change	01/01/2020	15,099,474	14	1,613,596
TOTAL CHARGES		$ 147,532,860		$ 19,068,386

[1] The remaining amortization period for the charge bases established prior to 1/1/2009 reflect a 5-year automatic extension granted under 431(d).

SECTION V – CONTRIBUTIONS

Schedule of Amortizations Required for Minimum Required Contribution as of January 1, 2021

Type of Base	Date Established	1/1/2021 Outstanding Balance	Remaining Amortization Years	Beginning of Year Amortization Amount
CREDITS				
1. Change in Actuarial Assumptions	01/01/1994	$ 118,645	3	$ 42,252
2. Change in Actuarial Assumptions	01/01/1996	1,363,812	5	310,861
3. Change in Actuarial Assumptions	01/01/1999	126,447	8	19,791
4. Change in Actuarial Assumptions	01/01/2002	722,342	11	90,027
5. Experience Gain	01/01/2007	222,210	1	222,210
6. Experience Gain	01/01/2008	1,198,442	2	619,484
7. Method Change	01/01/2009	11,384,276	18	1,057,701
8. Recognized Portion of the 2008 ENIL	01/01/2010	6,514,738	17	623,620
9. Plan Amendment	01/01/2010	8,092,724	4	2,232,897
10. Bifurcation Base	01/01/2011	3,524,026	5	803,249
11. Bifurcation Base	01/01/2012	1,663,426	6	326,149
12. Bifurcation Base	01/01/2013	9,516,466	7	1,650,291
13. Bifurcation Base	01/01/2014	2,589,472	8	405,283
14. Experience Gain	01/01/2019	720,925	13	80,616
15. Experience Gain	01/01/2020	1,826,946	14	195,236
16. Experience Gain	01/01/2021	4,713,144	15	483,624
TOTAL CREDITS		54,298,041		$ 9,163,291
NET CHARGE		**$ 93,234,819**		**$ 9,905,095**

SECTION V – CONTRIBUTIONS

Table V-6
Accumulated Reconciliation Account and Balance Test
as of January 1, 2021

1. Amount due to Additional Interest Charges in prior years	$	0
2. Amount due to Additional Funding Charges in prior years		NA
3. Reconciliation Account at Start of Year [1. + 2.]	$	0
4. Net Outstanding Amortization Bases	$	93,234,819
5. Funding Deficiency at Start of Year	$	48,993,585
6. Unfunded Actuarial Liability at Start of Year from Funding Equation [4. – 3. + 5.]	$	142,228,404
7. Actuarial Liability at Start of Year	$	295,194,605
8. Actuarial Value of Assets at Start of Year	$	152,966,201
9. Unfunded Actuarial Liability at Start of Year from Liability Calculation [7. – 8., Limited to Zero]	$	142,228,404

The Fund passes the Balance Test because line 6. equals line 9.

SECTION V – CONTRIBUTIONS

Table V-7
Development of Full Funding Limitation
for Plan Year Starting January 1, 2021

	Minimum	Maximum
1. Entry Age Actuarial Liability Calculation		
a. Actuarial Liability	$ 295,194,605	$ 295,194,605
b. Normal Cost with Expenses	1,243,594	1,243,594
c. Lesser of Market Value and Actuarial Value of Assets	152,966,201	152,966,201
d. Credit Balance at Start of Year	0	0
e. Actuarial Liability Full Funding Limit [a. + b. – c. + d.] x 1.07, limited to zero	$ 153,515,038	$ 153,515,038
2. Full Funding Limit Overide (RPA 1994)		
Interest Rate used to Calculate Current Liability	2.43%	2.43%
a. RPA 1994 Current Liabilty at Start of Year	$ 498,810,834	$ 498,810,834
b. Present Value of Benefits Estimated to Accrue during Year	2,986,625	2,986,625
c. Expected Benefit Payments	21,678,914	21,678,914
d. Net Interest on a., b. and c. at Current Liability Interest Rate	11,931,860	11,931,860
e. Expected Current Liability at End of Year, [a. + b. – c. + d.]	492,050,405	492,050,405
f. 90% of e.	442,845,365	442,845,365
g. Actuarial Value of Assets at Start of Year	152,966,201	152,966,201
h. Expected Expenses	464,692	464,692
i. Net Interest on c., g. and h. at Valuation Interest Rate	9,929,177	9,929,177
j. Estimated Value of Assets, [g. – c. – h. + i.]	140,751,772	140,751,772
k. RPA 1994 Full Funding Limit Override	$ 302,093,593	$ 302,093,593
3. Full Funding Limitation at End of Year, greater of 1e. and 2k.	$ 302,093,593	$ 302,093,593

SECTION VI – WITHDRAWAL LIABILITY

The Multi-Employer Pension Plan Amendments Act of 1980 (MPPAA) provides that a contributing employer who withdraws from a multi-employer pension plan, either partially or totally, will be liable to the fund for a share of the fund's Unfunded Vested Benefits (UVB) that exist as of the end of the plan year prior to the year in which the withdrawal occurs. The UVB is apportioned using the Presumptive Method as described in ERISA §4211(b)(1).

Vested Benefits are the benefits that the Fund cannot take away from participants. Vested Benefits belong to two groups of participants: those former employees who have retired and are currently receiving retirement benefits; and those employees and former employees who have not yet retired, but who have accumulated enough service to earn the right to receive a benefit when they do retire even if their employment is terminated prior to retirement.

The total liability for all Vested Benefits as of December 31, 2020 is $287,371,773. This liability has been determined using the actuarial assumptions shown in Appendix C for funding purposes. As of December 31, 2020, the Market Value of Assets applicable to the use of the Presumptive Method of allocating UVB was $166,447,419. Because the present value of Vested Benefits exceeds the assets of the Fund, there are Unfunded Vested Benefits as of December 31, 2020. Consequently, a participating employer who withdraws from the Fund during the plan year beginning January 1, 2021 may have a Withdrawal Liability, which will be based on its share of the Unfunded Vested Benefits.

In addition, a withdrawing employer will be assessed a portion of the Affected Benefit liability in accordance with the provisions of the Pension Protection Act. The Affected Benefit liability arose when the Fund removed certain Adjustable Benefits effective January 1, 2010. The unamortized balance of the Affected Benefit liability at December 31, 2020 is $144,550.

SECTION VII – FASB ASC 960 DISCLOSURES

Table VII-1
Present Value of Accumulated Benefits as of January 1, 2021 in Accordance with FASB ASC 960

	Amounts	Counts
1. Actuarial Present Value of Vested Benefits		
For Retirees and Beneficiaries	$ 173,276,448	1,044
Terminated Vesteds	78,475,821	675
Active Participants	35,619,504	228
Total Vested Benefits	$ 287,371,773	1,947
2. Non-vested Benefits	$ 2,500,613	60
3. Present Value of Expected Administrative Expenses[1]	$ 6,174,390	
4. Accumulated Benefits	$ 296,046,776	2,007
5. Market Value of Assets	$ 166,447,419	
6. Funded Ratios		
Vested Benefits	58%	
Accumulated Benefits	56%	

Reconciliation of Present Value of Accumulated Benefits

1. Actuarial Present Value at Start of Prior Year	$ 290,601,829
2. Increase (Decrease) over Prior Year due to:	
Benefit Accruals	$ 1,204,926
Benefit Payments	(21,007,589)
Increase for Interest	19,703,643
Liability Experience (Gains)/Losses	(630,423)
Changes in Assumptions	0
Plan Amendments	0
Total	$ (729,443)
3. Actuarial Present Value at End of Prior Year (w/o Administrative Expenses)	$ 289,872,386
4. Present Value of Expected Administrative Expenses[1]	$ 6,174,390
5. Actuarial Present Value at End of Prior Year (w/ Administrative Expenses)	$ 296,046,776

[1] The present value of expected administrative expenses is equal to 2.13% of the Accrued Liability.

APPENDIX A – MEMBERSHIP INFORMATION

The data for this valuation was provided by Associated Administrators LLC (AA). Cheiron did not audit any of the data; however, the data was reviewed to ensure that it complies with generally accepted actuarial standards. The data is as of January 1, 2021.

The following is a list of data charts contained in this section:

- Age/Service Distribution for Active Participants
- Counts and Average Benefit Amount by Age for Retirees, Beneficiaries, and Disabled Participants
- Counts and Average Benefit Amount by Age for Terminated Vested Participants

Table A-1
Age/Service Distribution of Active Participants as of January 1, 2021

COMPLETED YEARS OF CREDITED SERVICE

AGE	0-4	5-9	10-14	15-19	20-24	25-29	30 & Up	Total
Under 25	10	0	0	0	0	0	0	10
25-29	6	1	0	0	0	0	0	7
30-34	10	10	5	0	0	0	0	25
35-39	13	11	11	5	1	0	0	41
40-44	11	4	10	8	8	0	0	41
45-49	4	4	12	6	8	3	0	37
50-54	4	3	5	10	11	7	8	48
55-59	3	4	4	14	12	3	8	48
60-64	1	1	4	2	6	4	3	21
65 & Up	1	2	1	0	2	1	3	10
Total	63	40	52	45	48	18	22	**288**

Average Age = **46.9** Average Service = **14.3**

APPENDIX A – MEMBERSHIP INFORMATION

Table A-2
Age/Benefit Distribution of Inactive Participants as of January 1, 2021

PENSIONERS AND BENEFICIARIES RECEIVING BENEFITS

	Normal, Early Deferred Vested Retirements		Surviving Spouses and Beneficiaries Receiving Benefits		Total	
Age	**Number**	**Monthly Benefit**	**Number**	**Monthly Benefit**	**Number**	**Monthly Benefit**
Under 55	10	$ 45,317	2	$ 952	12	$ 46,269
55-59	48	183,904	6	4,035	54	187,939
60-64	237	585,780	16	6,699	253	592,479
65-69	215	379,379	24	12,112	239	391,491
70-74	159	206,393	22	13,754	181	220,147
75-79	135	139,569	26	13,987	161	153,556
80 & Over	117	102,462	27	9,087	144	111,549
Total	921	$ 1,642,804	123	$ 60,626	**1,044**	**$ 1,703,430**

DEFERRED VESTED PARTICIPANTS AND SURVIVING SPOUSES ENTITLED TO FUTURE BENEFITS

Age	**Number**	**Monthly Benefit Payable at Normal Retirement Date**
Under 45	104	$ 103,127
45-49	94	116,971
50-54	173	342,375
55-59	216	456,649
60-64	60	76,516
65 & Over	28	19,058
Total	675	$ 1,114,696

APPENDIX A – MEMBERSHIP INFORMATION

Table A-3
Participant Reconciliation from January 1, 2020 to January 1, 2021

	Actives	Terminated Vested	Deferred Spouses	Retired	QDROs	Spouses	Total
1. **January 1, 2020 Valuation**	**294**	**685**	**18**	**878**	**27**	**125**	**2,027**
2. Additions							
a. New entrants	20						20
b. New spouse							0
c. New QDRO					1		1
d. Pickups							0
Total Additions	**20**	**0**	**0**	**0**	**1**	**0**	**21**
3. Reductions							
a. Terminated - not vested	(6)						(6)
b. Non-Participating							0
c. Lump sum							0
d. Deaths without beneficiary		(2)		(26)	(1)	(6)	(35)
e. Data corrections, missing							0
Total Reductions	**(6)**	**(2)**	**0**	**(26)**	**(1)**	**(6)**	**(41)**
4. Changes in status							
a. Terminated - vested	(16)	16					0
b. Returned to work	7	(7)					0
c. Retired	(10)	(34)	(2)	44		2	0
d. Died with beneficiary	(1)	(3)	4	(3)		3	0
e. Data corrections				1		(1)	0
Total Changes	**(20)**	**(28)**	**2**	**42**	**0**	**4**	**0**
5. **January 1, 2021 Valuation**	**288**	**655**	**20**	**894**	**27**	**123**	**2,007**

APPENDIX B – SUMMARY OF MAJOR PLAN PROVISIONS

This summary of plan provisions provides an overview of the major provisions of the pension fund used in the actuarial valuation. It is not intended to replace the more precise language of the plan document and is not to be relied upon for calculating participant benefits.

1. Eligibility

Any employee on whose behalf contributions are made to the pension plan is eligible to participate in the Fund.

2. Normal Retirement

Eligibility: Age 60 with five years of service.

For service after the adoption or imposition of a Rehabilitation Benefit Schedule, the normal retirement age has been increased to age 62 with five years of service.

Amount: Percentage of Contributions

For service prior to the adoption or imposition of a Rehabilitation Benefit Schedule:

A monthly life annuity reducing to 55% of the original amount after 60 months, equal to (a) 4.17% of all contributions required to be made on a participant's behalf on and after January 1, 1978 plus (b) X% of all contributions required to be made on a participant's behalf prior to January 1, 1978, where "X" is determined from the following table:

Participant's Age on January 1, 1978	X%	Participant's Age on January 1, 1978	X%
60 or over	12.0	49	7.6
59	11.6	48	7.2
58	11.2	47	6.8
57	10.8	46	6.4
56	10.4	45	6.0
55	10.0	44	5.6
54	9.6	43	5.2
53	9.2	42	4.8
52	8.8	41	4.4
51	8.4	40 and under	4.17
50	8.0		

For those employers who elected through a collective bargaining agreement to make a supplemental contribution beginning January 1, 1998, the monthly life annuity above reduces to 55% of the original amount after 96 months instead of 60.

Effective for participants who earned an hour of service on or after January 1, 1999, 24 months is added to the number of months described above (i.e., 60 months and 96 months for a total of 84 and 120 months, respectively).

For service after the adoption or imposition of a Rehabilitation Benefit Schedule:

Preferred Schedule: 2.0% of all contributions required to be made on a participant's behalf on and after the date of adoption of the Preferred Schedule, reducing to 1.0% after the pension has been in effect for 60, 84, 96, or 120 months.

APPENDIX B – SUMMARY OF MAJOR PLAN PROVISIONS

Default Schedule: 1.0% of all contributions required to be made on a participant's behalf on and after the date of adoption or imposition of the Default Schedule.

3. Early Retirement Benefit

Eligibility: On completion of 30 years of service with the Fund.

Amount: Accrued normal retirement benefit payable immediately.

4. Postponed Retirement Benefit

A participant who elects to postpone his retirement of contributions benefit beyond his normal retirement date is entitled to a postponed retirement benefit, in lieu of his normal retirement benefit, in the amount of the normal retirement benefit calculated as if he had reached his normal retirement date on the day he actually retires.

5. Termination Benefit

Eligibility: Five credited years of service for vesting.

Amount: A deferred annuity in the amount of the participant's accrued normal benefit at termination commencing at the participant's normal retirement age.

6. Death Benefits

Pre-Retirement Lump Sum Death Benefit

Eligibility: Five continuous years of participation in the pension plan, and has had at least 40 weeks' payments into the trust fund by an employer.

Amount: $2.00 per paid week up to a maximum of $2,000 reduced by any disability benefits paid.

Eliminated after the adoption or imposition of a Rehabilitation Benefit Schedule.

Pre-Retirement Spouse's Pension

Eligibility: Available only to married participants who are eligible for a termination benefit, including vested terminated participants.

Amount: A life annuity to the participant's lawful spouse in the amount of the surviving spouse's benefit that would have been provided under the qualified joint and survivor annuity payable at what would have been the participant's earliest retirement date.

The pre-retirement spouse's benefit will be paid in addition to the lump sum death benefit.

7. Normal Form of Pension

For participants who are married as of the normal retirement date, the normal retirement benefit is automatically payable as a joint and survivor annuity actuarially equivalent to the above benefit. The normal form of pension payable to a married employee who does not elect otherwise will be an actuarially reduced pension on the Joint and 50% Survivor basis.

8. Effective Date of Plan

August 15, 1965. Restated as of January 1, 2002.

9. Last Amended

Restated as of January 1, 2009 and executed on December 17, 2009. The Rehabilitation Plan was last amended in 2014 to adopt reasonable measures to forestall insolvency.

10. Contributions

Employee: None permitted or required.

Employer: On an hourly or weekly basis, on behalf of participating employees, as specified in the applicable collective bargaining agreement.

11. Changes since Last Valuation

None.

APPENDIX C – ACTUARIAL ASSUMPTIONS AND METHODS

A. Actuarial Assumptions

1. Rates of Investment Return

Funding purposes: 7.00%

Current Liability under RPA 1994: 2.43%

This interest rate is the top of the corridor established by law.

All investment returns are net of investment expenses.

2. Rates of Mortality

Funding:
SOA RP-2014 Blue Collar Mortality adjustment to 2006, generationally projected using scale MP-2019

Current Liability under RPA 1994:
The 2021 Static Mortality Table as prescribed under IRS Regulations.

3. Rates of Disability

None assumed.

4. Rates of Turnover

Double the combination of Sarason's Advanced Pension Tables. Sample rates:

Age	Rate
20	24.77%
22	22.62
24	20.47
25	19.40
26	18.02
28	15.25
30	12.49
35	8.21
40	5.24
45	2.57
50	0.00

5. Rates of Retirement

For individuals commencing from Active status:

Age	Less than 30 Years of Service NRA = 60	Less than 30 Years of Service NRA = 62	30 Years of Service	Over 30 Years of Service
<60	0%	0%	35%	15%
60	25%	0%	100%	100%
61	15%	0%	100%	100%
62	15%	25%	100%	100%
63 – 64	15%	15%	100%	100%
65+	100%	100%	100%	100%

APPENDIX C – ACTUARIAL ASSUMPTIONS AND METHODS

6. Rates of Retirement (continued)

For individuals commencing from Inactive status:

Age	NRA of 60	NRA of 62
<60	0%	0%
60	50%	0%
61	25%	0%
62	25%	50%
63-64	25%	25%
65+	100%	100%

7. Marriage Rates

Percentage Married: Males – 61%
Females – 61%

Age Differences: Males are assumed to be three years older than spouse.

8. Payment Form Elections

Level Income Option – 65%
Single Life or Certain Annuity – 15%
Joint & Survivor Annuity – 20%

9. Administrative Expenses

$464,692 payable at the beginning of the year. Projected expenses incorporate an expense inflation assumption of 2% per year.

For financial disclosure under FASB ASC 960, the present value of future administrative expense is 2.13% of accrued liability. This amount is based on future projected cash flows of $231.54 per participant, mid-year, that increase 2% per year for inflation.

10. Active Participants

All non-retired participants who have hours worked during the plan year ending December 31, 2020.

11. Future Hours Worked By Active Participants

Each active participant will work average annual hours worked in the past three years, excluding the year of entry. No participant is assumed to work less than 870 hours per year.

12. Contribution Rate Used for Determination of Minimum Flat Benefit

The contribution rate in effect on January 1, 2021.

13. Contribution Rate Used for Determination of Percentage of Contributions Benefit

The contribution rate in effect on January 1, 2021.

APPENDIX C – ACTUARIAL ASSUMPTIONS AND METHODS

14. Participant Data

This report is based upon employee data furnished by the Fund Administrator. All non-retired participants who have hours worked during the plan year ending December 31, 2020 are assumed to be active participants as of January 1, 2021 unless identified as having been terminated.

15. Assets

Provided by the independent auditors' report as of December 31, 2020.

The Actuarial Value of Assets is based on the market value with an adjustment to smooth appreciation or depreciation in the market value over the past five years.

80% of the net appreciation or depreciation for the most recently completed plan year is removed from the value of the assets, 60% of the appreciation or depreciation for the year prior to that is removed, etc., until the fifth year prior to this plan year for which none of the appreciation or depreciation is removed. The actuarial value of assets is adjusted, if necessary, to be within 80% to 120% of the market value of the assets.

16. Rehabilitation Plan Benefit Schedule

In preparing our report and valuation results, all participating employers were valued under the Preferred Schedule as of January 1, 2021.

17. Choice of Assumptions

Economic: The expected investment return was chosen by modeling the Fund's current asset allocation with the Horizon Investment Survey and using input from the Fund's investment adviser. The Horizon survey expected 10-year return is 6.02% and the expected 20-year return is 6.85%. The Fund's investment advisor anticipates a return of 7.10%. Historically the Fund has averaged 9.71% annual return over the past 10 years and has outperformed its benchmark. For the 10-year period ending with the valuation date the annual outperformance was 50 basis points net of fees. Taking into account the historical returns and forward-looking expectations, a long-term rate return of 7% is reasonable.

Demographic: The demographic assumptions were reviewed concurrently with the 2020 valuation and updated to better reflect actual experience.

18. Changes in Assumptions since Last Valuation

For funding calculations, the administrative expense assumption was changed from $366,579 to $464,692.

For financial disclosure under FASB Topic ASC 960, the present value of future administrative expense is based on future mid-year cash flows of $231.54 per participant that increase 2% per year for inflation. Last year we used $180.85 per participant.

The RPA '94 Current Liability interest rate was changed from 2.95% to 2.43% and the RPA '94 Current Liability mortality table was changed from the IRS 2020 Static Mortality Table to the IRS 2021 Static Mortality Table to comply with appropriate guidance.

APPENDIX C – ACTUARIAL ASSUMPTIONS AND METHODS

B. Actuarial Methods

1. Asset Valuation Method

The Actuarial Value of Assets is determined in accordance with Section 3.16 of Revenue Procedure 2000-40 using a five-year smoothing period. Specifically, the actuarial value of assets as of January 1, 2006 is set equal to the market value of assets. For each subsequent plan year, the actuarial value shall be the market value minus a decreasing fraction (4/5, 3/5, 2/5, 1/5) of each gain or loss for each of the preceding four plan years except for 2008 market losses which are recognized at 10% a year due to funding relief. Gains or losses prior to January 1, 2006 are ignored.

The resulting actuarial value of assets is then limited to be no greater than 120% and no less than 80% of the market value of assets on the valuation date.

2. Funding Method: Entry Age Normal Cost Method

Under the Entry Age Normal Cost Method, the individual Entry Age Normal cost is determined for each participant by calculating the level annual contribution required to fund that individual's expected benefits based on the current plan provisions over the participant's expected active working lifetime with the Fund at entry.

At the valuation date, the present value of future normal cost is calculated for each individual participant by multiplying the Entry Age Normal cost by the present value of the participant's expected future active working lifetime with the Fund. The cost for each participant is then summed to yield the present value of future normal costs.

The excess of the present value of future benefits for all individuals at the valuation date over the present value of future normal costs is called the Actuarial Liability, or past service liability.

The excess, if any, of the actuarial liability over the actuarial value of assets is known as the unfunded accrued liability. If the actuarial value of assets exceeds the actuarial liability, the Fund may have a surplus.

3. PRA 2010 Funding Relief

The Fund's Board of Trustees elected funding relief under §431(b)(8) of the Code and §304(b)(8) of ERISA, specifically:

- The "special amortization rule," which allows the Fund's investment losses for the plan year ended December 31, 2008 be separately amortized over 29 years.

APPENDIX C – ACTUARIAL ASSUMPTIONS AND METHODS

4. Reliance on Models

Cheiron utilizes ProVal, an actuarial valuation software leased from Winklevoss Technologies (WinTech) to calculate the liabilities, normal costs and projected benefit payments. We have relied on WinTech as the developer of ProVal. We have reviewed ProVal and have a basic understanding of it and have used ProVal in accordance with its original intended purpose. We have not identified any material inconsistencies in assumptions or output of ProVal that would affect this actuarial valuation.

Projections in this report were developed using *P-Scan*, our proprietary tool for developing deterministic projections to illustrate the impact of changes in assumptions, methods, plan provisions, or actual experience (particularly investment experience) on the future financial status of the plan.

5. Changes in Actuarial Methods Since Last Valuation

None.

Classic Values, Innovative Advice

Via Electronic Mail

January 5, 2022

Ms. Alicia Cochran
Associated Administrators, LLC
911 Ridgebrook Road
Sparks, MD 22102

***Re: Warehouse Employees' Union Local No. 730 Pension Trust Fund
Withdrawal Liability Information for Giant Food, Inc. (covering Warehouse and Recycling contracts)***

Dear Alicia:

As requested, we have calculated Giant Food, Inc.'s allocation of unfunded vested benefits to be $100,794,364 based on a 2021 complete withdrawal from the Warehouse Employees' Union Local No. 730 Pension Trust Fund. We have also determined that Giant Food's quarterly Withdrawal Liability payment amounts to $811,893.60, and these payments would be payable for 80 quarters. The payments are not sufficient to pay down the allocated unfunded vested benefits within the 20 years provided by law. The information supporting our calculations is included in this letter.

The underlying calculation of this assessment of unfunded vested benefits was based on the presumptive method of allocation. Under this method, individual "pools" of unfunded vested benefits along with reallocation pools are established each year and allocated to a withdrawing employer based on a series of ratios. The numerator of the ratios is the withdrawing employer's contributions summed over the five years preceding the date of establishment of the "pool," and the denominator is the total fund contributions summed over the same five-year periods. Previously withdrawn employers are excluded from total fund contributions in the summations made for pools established after such employer withdrew. Any surcharges imposed by the Pension Protection Act are to be excluded from the employer contributions for the purposes of calculating the allocation fractions. We understand that the Fund has not explicitly identified surcharges for all employers and so we determined certain employers surcharge for each year by a calculation. The calculation was to multiply the actual total contributions for the year by the average surcharge rate and then divide the result by the average total contribution rate for the year. If the actual contribution amounts excluding surcharges become available, please provide details so that we can reflect them in the calculations. In addition, following passage of the Multiemployer Pension Reform Act, all contribution increases required under a Rehabilitation Plan after December 31, 2014 that are not used to increase benefit accruals are not taken into account for Withdrawal Liability purposes. This affects the highest hourly rate of contribution used to determine the quarterly payments and the allocation fractions.

The Annual Payment is determined by multiplying the highest three-year average contribution base units over the prior 10 years by the highest contribution rate for the 10-year period through the date of withdrawal. In particular, please note that we used a $5.43 hourly rate (the December 31, 2014 contribution rate) as the highest contribution rate for determining the Annual Payment.

The liability figures used in the calculation are based on the same assumptions and methods used in each year's actuarial valuation report. This includes an investment return / discount assumption of 7% per year. Assets are based on market value. The following tables set out the asset, liability, UVB, and contribution information used by year. Note that there are no initial pools for unfunded vested benefits prior to December 31, 2002. For that reason, historical information not required for the calculation has been excluded. Also, we accepted prior unfunded vested benefit amounts and contribution information provided by the prior actuary for December 31, 2004 and earlier.

The liability and asset values and contribution histories used in this calculation are shown in the following tables:

Table of Unfunded Vested Benefits

December 31,	Market Value of Assets	Value of Vested Benefits	Unfunded Vested Benefits
2002	$126,974,940	$127,640,611	$665,671
2003	152,893,620	139,975,720	0
2004	168,058,775	152,556,973	0
2005	179,645,009	167,578,447	0
2006	195,518,517	175,576,072	0
2007	202,246,338	181,216,068	0
2008	137,120,104	193,878,646	56,758,542
2009	143,477,643	204,845,026	61,367,383
2010	154,767,359	221,913,837	67,146,478
2011	146,288,457	246,353,319	100,064,862
2012	150,745,446	252,681,929	101,936,483
2013	166,422,122	257,306,090	90,883,968
2014	165,942,917	260,803,599	94,860,682
2015	159,926,899	264,933,669	105,006,770
2016	157,775,289	268,691,744	110,916,455
2017	167,271,666	270,920,799	103,649,133
2018	153,296,273	272,863,143	119,566,870
2019	161,910,558	288,102,507	126,191,949
2020	166,447,419	287,371,773	120,924,354

Table of Contributions (excluding PPA surcharges)

Calendar Year	Giant Food	All Employers *
1998	$4,772,671	$5,107,346
1999	4,516,508	4,870,905
2000	4,658,959	5,056,505
2001	4,836,909	5,285,472
2002	4,569,661	5,112,268
2003	4,439,392	5,085,360
2004	4,463,574	5,045,473
2005	4,515,026	5,177,810
2006	3,600,024	4,309,906
2007	4,107,147	4,937,348
2008	4,085,237	4,966,877
2009	4,536,974	5,623,993
2010	4,796,239	5,941,735
2011	3,153,033	5,940,276
2012	2,679,542	4,494,667
2013	2,931,044	3,577,570
2014	3,020,113	3,616,621
2015	2,893,384	3,517,999
2016	2,831,219	3,433,088
2017	2,637,274	3,186,618
2018	2,693,903	3,140,998
2019	2,670,134	3,091,554
2020	2,955,777	3,402,451

* The column All Employers' Contributions excludes four employers who contributed in 1998, 1999, 2000 and/or 2001, but had withdrawn before 2002, the year the first pool is established.

In 2012, two employers withdrew and are therefore excluded from the five-year summation of All Employers' Contribution for the purposes of allocating the Unfunded Vested Benefit pools after 2011. In 2018, one employer withdrew and is similarly excluded from the five-year summation for allocating pools after 2017. The amount of contribution excluded for allocating the 2012 pool (2008 – 2012) is $4,619,061, for the 2013 pool (2009 – 2013) $4,215,530, for the 2014 pool (2010 – 2014) $3,709,383, for the 2015 pool (2011 – 2015) $3,212,865, for the 2016 pool (2012 – 2016) $1,139,702, for the 2018 pool (2014 – 2018) $533,871, for the 2019 pool (2015 – 2019) $421,032, and for the 2020 pool (2016 – 2020) $297,032.

An employer's allocated share of the Unfunded Vested Benefit (UVB) can be reduced or eliminated if it is smaller than the De Minimis Reduction defined in §4209 of ERISA. The De Minimis Reduction is defined to be the lesser of $50,000 or 0.75% of the fund's UVB, less the amount of the employer's allocated share of the UVB that exceeds $100,000. The De Minimis Reduction did not apply for this calculation. The law also limits Withdrawal Liability to the first 20 Annual Payments, which applied to this assessment.

Starting with the plan year beginning January 1, 2009, the Fund was determined to be in Critical status as defined by the Pension Protection Act of 2006 and a Rehabilitation Plan was adopted that removed some Adjustable Benefits. This reduction was recognized in the valuation of vested benefits as of December 31, 2009 and so an addition to the allocated unfunded vested benefits is required to be made in accordance with the law. For the purpose of allocating the reduction in vested liability due to the removal of adjustable benefits PBGC issued guidance in the form of PBGC Technical Update 10-3 – "Simplified Methods for Applying the Requirement to Disregard Benefit Reductions in Determining Withdrawal Liability." This technical update proposes amortizing the value of the reduction in vested liability due to the removal of adjustable benefits over 15 years from the point the reduction is recognized, using an amortization schedule with interest at the Fund's assumed rate, and then allocating the remaining balance at the end of the plan year prior to withdrawal using the contribution-based allocation ratio. The unamortized balance of the affected benefits was $144,550 as of December 31, 2020.

Based upon our understanding of the Multiemployer Pension Reform Act, any increase in the contributions as required by the Rehabilitation Plan are disregarded in determining the allocation of unfunded vested benefits and the highest contribution rate for all plan years on or after January 1, 2015. Therefore, in determining the annual payment we used the contribution rate in effect on December 31, 2014.

The following tables set out the allocation of unfunded vested benefits, the allocation of the liability for adjustable benefits, and the calculation of the quarterly payment and payment schedule.

Warehouse Employees Local No. 730 Pension Fund
Withdrawal Liability Estimate

Employer: Giant Food

31-Dec	Remaining UVB Pool*	Reallocation Pool	5-yr Contributions All Employers	5-yr Contributions Giant Food	Allocation to Giant Food
2002	$ 66,567	$ 0	$ 25,432,496	$ 23,354,708	$ 61,129
2003	(94,858)	0	25,410,510	23,021,429	(85,940)
2004	333	0	25,585,078	22,968,495	299
2005	437	0	25,706,383	22,824,562	388
2006	550	0	24,730,817	21,587,677	480
2007	675	0	24,555,897	21,125,163	581
2008	22,704,225	0	24,437,414	20,771,008	19,297,854
2009	3,352,002	0	25,015,934	20,844,408	2,793,040
2010	4,495,796	0	25,779,859	21,125,621	3,684,135
2011	20,119,252	0	27,410,229	20,678,630	15,178,223
2012	4,417,631	0	22,348,487	19,251,025	3,805,355
2013	(3,375,631)	0	21,362,711	18,096,832	(2,859,573)
2014	6,703,398	0	19,861,486	16,579,971	5,595,863
2015	12,168,354	0	17,934,267	14,677,116	9,958,385
2016	10,239,434	0	17,500,243	14,355,302	8,399,321
2017	222,913	0	17,331,896	14,313,034	184,086
2018	21,114,382	356,465	16,361,453	14,075,893	18,471,546
2019	14,573,744	0	15,949,226	13,725,913	12,542,173
2020	4,215,150	0	15,957,678	13,788,307	3,642,120
Totals	$ 120,924,354		Initial Allocation of Pools		$ 100,669,465

Adjustable Benefit Pools

31-Dec	Remaining Pool**	5-yr Contributions All Employers	5-yr Contributions Giant Food	Allocation to Giant Food
2009	$ 144,550			
2010	0			
2011	0			
2012	0			
2013	0			
2014	0			
2015	0			
2016	0			
2017	0			
2018	0			
2019	0			
2020	0			
Total	$ 144,550	$ 15,957,678	$ 13,788,307	$ 124,899
		Initial Allocated UVB		$ 100,794,364
		De minimis reduction		$ 0
		Final Allocated UVB		**$ 100,794,364**

*Note: There are no UVB pools prior to 12/31/2002
**Note: The adjustable benefit pools are amortized over 15 years

Employer: Giant Food

(a)	Withdrawal liability	$ 100,794,364.00
	Hours of contributions for fiscal years ended December 31:	

2011	719,327	2016	496,901
2012	546,424	2017	460,987
2013	528,490	2018	471,287
2014	558,564	2019	469,631
2015	518,788	2020	513,715

(b)	Highest consecutive three-year average hours in last 10 years prior to the year of withdrawal	598,080
(c)	Highest contribution rate in 10 years ending with year of withdrawal	$ 5.43
(d)	Required annual payment: (b) x (c)	$ 3,247,574.40
(e)	Amortization ratio (annuity certain): (a) / (d)	31.0368
(f)	Number of whole years for value (e), not greater than 20	20
(g)	Annuity certain for number of years in (f):	11.3356
(h)	Amount amortized in (f) years: (d) x (g)	$ 36,813,204.37
(i)	Amount left to amortize: (a) - (h)	N/A
(j)	Amount to amortize in the final year: (i) plus interest for (f) years	N/A
(k)	Quarterly payment: (d) ÷ 4	$ 811,893.60
(l)	Full quarters to pay in final year: (j) ÷ (k)	N/A
(m)	Amount in final quarter: (j) - [(k) x (l)]	N/A

Giant Food payment schedule:
$811,893.60 per quarter for 80 quarters.

In calculating the employer's Withdrawal Liability, we relied on the total fund contributions given to us by the Fund Administrator and the Fund Auditor. Please check the amounts that were used in this calculation. If you discover any questionable items, please report them to us as soon as possible so we can revise our numbers. We have also assumed that the employer is not part of a larger controlled group that contributes to the Fund; or that if the employer is part of a controlled group, the entire controlled group has withdrawn.

In the event Giant Food, Inc. withdraws, a formal Withdrawal Liability calculation and assessment will be performed after all estimated and preliminary amounts have been finalized. The results of the final assessment could vary from the amounts given above. In any communication of this estimate, you should clearly indicate that the final withdrawal liability amount might differ from this estimate.

This letter and its contents have been prepared in accordance with generally recognized and accepted actuarial principles and practices and our understanding of the Code of Professional Conduct and applicable Actuarial Standards of Practice set out by the Actuarial Standards Board as well as applicable laws and regulations. Furthermore, as a credentialed actuary, I meet the Qualification Standards of the American Academy of Actuaries to render the opinion contained in this letter. This letter does not address any contractual or legal issues. I am not an attorney, and our firm does not provide any legal services or advice.

This Withdrawal Liability calculation was prepared exclusively for the Board of Trustees for the purpose described herein. Other users of this Withdrawal Liability calculation are not intended users as defined in the Actuarial Standards of Practice, and Cheiron assumes no duty or liability to such other users.

Please call me if you have any questions.

Sincerely,
Cheiron

PRHardcastle

Peter R. Hardcastle, CFA, FSA, EA, MAAA
Principal Consulting Actuary

cc: Matt Deveney, Cheiron