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December 7, 2021

Dr. Jamie Wilson Superintendent of Schools Denton Independent School District 1307 North Locust Street Denton, Texas 76201 Dr. Scott Niven Deputy Superintendent Denton Independent School District 1307 North Locust Street Denton, Texas 76201

Re: Final Results – 2021 Taxable Refunding Program

Dear Dr. Wilson and Dr. Niven:

Introduction

On Tuesday, December 7, 2021, Denton Independent School District ("DISD" or the "District") sold its Unlimited Tax Refunding Bonds, Taxable Series 2021 (the "Series 2021 Refunding Bonds") to refund a portion of its existing bonds (the "Bonds to be Refunded") at a lower interest rate. This memorandum summarizes the results of the District's 2021 Taxable Refunding Program and, in particular, the savings realized for its taxpayers.

Summary of Savings – 2021 Taxable Refunding Program

At its October 26, 2021 meeting, the Board of Trustees adopted a "Parameters Bond Order" authorizing the sale of the Series 2021 Refunding Bonds if certain parameters were met. Based upon the favorable bond market conditions, each parameter was met, the interest rate on the District's bonds was successfully reduced from 4.48% to 1.90% and DISD's actual savings totaled **\$8,401,015** (net of all costs) – Which is \$2,561,372 higher than the savings presented to the Board of Trustees and \$1,401,015 higher than the established minimum savings parameter.

Based upon the successful result of the 2021 Taxable Refunding Program, Denton ISD's prior refunding programs have generated a collective savings of \$187,852,629 for District taxpayers since year 2005 (see table below)!

Summary of District's Savings From Refunding Programs – Since January 1, 2005							
Issue	Series Refunded	Principal Amount Refunded	Total Savings				
Unlimited Tax Refunding Bonds, Series 2005-C	1998, 1999, 2001	\$ 50,855,000	\$ 3,251,044				
Unlimited Tax Refunding Bonds, Series 2006	2002	48,329,192	12,125,000				
Unlimited Tax Refunding Bonds, Series 2011	1998, 1999, 2001, 2004	24,940,000	1,838,589				
Unlimited Tax Refunding Bonds, Series 2012-B	2002, 2004, 2005-C	64,614,784	13,196,404				
Unlimited Tax Refunding Bonds, Taxable Series 2012-C	2004, 2005-C	25,030,000	2,551,494				
Unlimited Tax Refunding Bonds, Series 2012-D	2004	40,155,000	8,937,721				
Unlimited Tax Refunding Bonds, Series 2014-C	2006-A	15,010,000	1,252,934				
Unlimited Tax Refunding Bonds, Series 2015	2007, 2008	125,110,000	17,203,964				
Unlimited Tax Refunding Bonds, Series 2016	2006, 2007, 2008, 2009	118,749,192	51,970,247				
Unlimited Tax Refunding Bonds, Taxable Series 2020-A	2012-B&D, 2014-A, 2015-A	269,445,000	67,124,217				
Unlimited Tax Refunding Bonds, Taxable Series 2021	2014-A, 2015, 2015-A	89,785,000	8,401,015				
Totals		\$ 872,023,168	\$ 187,852,629				

Summary of Annual Savings – 2021 Taxable Refunding Program

The District's savings are summarized within the table below.

Existing Bond Paymer 2021/22 \$ 111,999 2022/23 95,844 2023/24 95,846 2025/26 95,666 2026/27 95,666 2026/27 95,666 2028/29 89,266 2028/29 89,266 2030/31 89,256 2030/31 89,256 2031/32 89,266 2031/32 89,2		F	
Fiscal Year 2021/22 \$ 111,999 2022/23 95,849 2023/24 95,849 2024/25 95,669 2025/26 95,669 2026/27 95,669 2027/28 95,669 2028/29 89,269 2029/30 89,269 2030/31 89,259 2031/32 89,269 2032/33 89,269 2032/33 89,269 2033/34 79,449 2034/35 79,449 2035/36 79,449 2035/36 79,449 2036/37 79,449 2037/38 79,449 2037/38 79,449 2037/38 79,449 2038/39 64,719 2039/40 64,719 2040/41 64,719 2040/41 64,719 2040/41 64,719 2041/42 64,719 2041/42 64,719 2042/43 64,719 2043/44 40,809 2044/45 50,356 2045/46 53,159	Bond Payments –	. –	${f E}$
2022/23 95,84 2023/24 95,84 2024/25 95,66 2025/26 95,66 2026/27 95,66 2027/28 95,66 2028/29 89,26 2029/30 89,26 2030/31 89,25 2031/32 89,26 2032/33 89,26 2033/34 79,44 2034/35 79,44 2035/36 79,44 2037/38 79,44 2038/39 64,71 2039/40 64,71 2040/41 64,71 2042/43 64,71 2042/43 64,71 2043/44 40,80 2044/45 50,35 2045/46 53,15		g Savings ^(A)	Bond Payments – After Refunding Program
2023/24 95,84' 2024/25 95,66' 2025/26 95,66' 2026/27 95,66' 2027/28 95,66' 2028/29 89,26' 2029/30 89,26' 2030/31 89,26' 2032/33 89,26' 2033/34 79,44' 2035/36 79,44' 2036/37 79,44' 2037/38 79,44' 2039/40 64,71' 2040/41 64,71' 2041/42 64,71' 2042/43 64,71' 2043/44 40,80' 2044/45 50,35' 2045/46 53,15'	9,751 \$ 4,116,700	\$ 878	\$ 111,998,873
2024/25 95,66 2025/26 95,66 2026/27 95,66 2027/28 95,66 2028/29 89,26 2029/30 89,26 2030/31 89,25 2031/32 89,26 2032/33 89,26 2033/34 79,44 2034/35 79,44 2035/36 79,44 2036/37 79,44 2037/38 79,44 2039/40 64,71 2040/41 64,71 2041/42 64,71 2042/43 64,71 2043/44 40,80 2044/45 50,35 2045/46 53,15	9,986 4,116,700	352 435,634	95,414,352
2025/26 95,66 2026/27 95,66 2027/28 95,66 2028/29 89,26 2029/30 89,26 2030/31 89,26 2031/32 89,26 2032/33 89,26 2033/34 79,44 2034/35 79,44 2035/36 79,44 2037/38 79,44 2038/39 64,71 2039/40 64,71 2040/41 64,71 2042/43 64,71 2042/43 64,71 2043/44 40,80 2044/45 50,35 2045/46 53,15	4,116,7 00)53 435,634	95,412,053
2026/27 95,66 2027/28 95,66 2028/29 89,26 2029/30 89,26 2030/31 89,26 2031/32 89,26 2032/33 89,26 2033/34 79,44 2034/35 79,44 2035/36 79,44 2036/37 79,44 2037/38 79,44 2038/39 64,71 2039/40 64,71 2040/41 64,71 2042/43 64,71 2042/43 64,71 2043/44 40,80 2044/45 50,35 2045/46 53,15	2,917 4,116,7 00	282 435,634	95,227,282
2027/28 95,666 2028/29 89,26 2029/30 89,26 2030/31 89,25 2031/32 89,26 2032/33 89,26 2033/34 79,44 2034/35 79,44 2035/36 79,44 2036/37 79,44 2037/38 79,44 2038/39 64,71 2039/40 64,71 2040/41 64,71 2042/43 64,71 2042/43 64,71 2043/44 40,80 2044/45 50,35 2045/46 53,15	7,544 14,336,7 00	885,634	94,781,909
2028/29 89,26 2029/30 89,26 2030/31 89,26 2031/32 89,26 2032/33 89,26 2033/34 79,44 2034/35 79,44 2035/36 79,44 2036/37 79,44 2037/38 79,44 2038/39 64,71 2040/41 64,71 2042/43 64,71 2042/43 64,71 2043/44 40,80 2044/45 50,35 2045/46 53,15	3,756 14,450,700	888,134	94,775,621
2029/30 89,26 2030/31 89,25 2031/32 89,26 2032/33 89,26 2033/34 79,44 2034/35 79,44 2035/36 79,44 2036/37 79,44 2037/38 79,44 2038/39 64,71 2039/40 64,71 2040/41 64,71 2042/43 64,71 2043/44 40,80 2044/45 50,35 2045/46 53,15	5,064 14,478,450	889,384	94,776,680
2030/31 89,250 2031/32 89,260 2032/33 89,260 2033/34 79,440 2034/35 79,440 2035/36 79,440 2036/37 79,440 2037/38 79,440 2038/39 64,710 2039/40 64,710 2040/41 64,710 2042/43 64,710 2042/43 64,710 2043/44 40,800 2044/45 50,356 2045/46 53,150	1,120 14,492,700	736 884,384	88,376,736
2031/32 89,260 2032/33 89,260 2033/34 79,444 2034/35 79,445 2035/36 79,445 2036/37 79,445 2037/38 79,445 2038/39 64,715 2039/40 64,715 2040/41 64,715 2042/43 64,715 2043/44 40,800 2044/45 50,356 2045/46 53,155	3,398 14,467,700)14 888,384	88,375,014
2032/33 89,26 2033/34 79,44 2034/35 79,44 2035/36 79,44 2036/37 79,44 2037/38 79,44 2038/39 64,71 2039/40 64,71 2040/41 64,71 2042/43 64,71 2042/43 64,71 2043/44 40,80 2044/45 50,35 2045/46 53,15	3,588 12,769,200	886,134	88,372,454
2033/34 79,444 2034/35 79,444 2035/36 79,444 2036/37 79,444 2037/38 79,444 2038/39 64,719 2039/40 64,719 2040/41 64,719 2042/43 64,719 2042/43 64,719 2043/44 40,800 2045/46 53,150),016 12,776,200	884 ,63 4	88,375,382
2034/35 79,44 2035/36 79,44 2036/37 79,44 2037/38 79,44 2038/39 64,71 2039/40 64,71 2040/41 64,71 2042/43 64,71 2043/44 40,80 2044/45 50,356 2045/46 53,15	9,807,200	96 886,544	88,377,096
2035/36 79,443 2036/37 79,444 2037/38 79,444 2038/39 64,713 2039/40 64,713 2040/41 64,713 2042/43 64,713 2042/43 64,713 2043/44 40,803 2045/46 53,153	5,843	343	79,446,843
2036/37 79,442 2037/38 79,444 2038/39 64,719 2039/40 64,719 2040/41 64,719 2041/42 64,719 2042/43 64,719 2043/44 40,800 2044/45 50,356 2045/46 53,150		.33	79,441,133
2037/38 79,44 2038/39 64,719 2039/40 64,719 2040/41 64,719 2041/42 64,719 2042/43 64,719 2043/44 40,809 2044/45 50,356 2045/46 53,159	3,511	511	79,443,511
2038/39 64,719 2039/40 64,719 2040/41 64,719 2041/42 64,719 2042/43 64,719 2043/44 40,800 2044/45 50,356 2045/46 53,150	2,446		79,442,446
2039/40 64,713 2040/41 64,713 2041/42 64,713 2042/43 64,713 2043/44 40,80 2044/45 50,356 2045/46 53,153			79,441,980
2040/41 64,71: 2041/42 64,71: 2042/43 64,71: 2042/43 44,80: 2043/44 50,35: 2045/46 53,15:),860		64,719,860
2041/42 64,71. 2042/43 64,71. 2043/44 40,80. 2044/45 50,35. 2045/46 53,15.	3,047)47	64,718,047
2042/43 64,712 2043/44 40,802 2044/45 50,356 2045/46 53,152			64,713,841
2043/44 40,80 2044/45 50,35 2045/46 53,15	5,448	H48	64,715,448
2044/45 50,356 2045/46 53,15	2,719	'19	64,712,719
2045/46 53,15	1,356		40,801,356
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0046/47 52.45	5,350		53,155,350
2046/47 53,152		'00	53,152,700
2047/48 53,15	2,700	350	53,151,850
Totals \$ 2,104,07	2,700		\$ 2,095,676,649

Bonds Refunded - 2021 Taxable Refunding Program

The following table provides the District's existing bonds that were refunded at a lower interest rate.

Series 2021 Refunding Bonds – Summary of Bonds to be Refunded								
Issue Outstanding	Principal Amount To Be Refunded	Maturities To Be Refunded	Interest Rate	Redemption Date	Redemption Price			
Unlimited Tax School Building Bonds, Series 2014-A	\$ 2,005,000	08/15/2026	5.00%	08/15/2024	100.0%			
Unlimited Tax Refunding Bonds, Series 2015	72,730,000	08/15/2026 – 2033	4.39%	02/15/2025	100.0%			
Unlimited Tax School Building Bonds, Series 2015-A	15,050,000	08/15/2027 – 2032	5.00%	08/15/2025	100.0%			
Totals	\$ 89,785,000		4.48%					

Independent Bond Ratings

As is customary during the bond sale process, DISD took part in an independent bond rating assessment conducted by S&P Global Ratings and Fitch Ratings, Inc. This consisted of a review of the District's financial position, debt position, future financing needs, various economic indicators and management practices. After a thorough review, which included conference calls with the District's Administration, Denton ISD's bond ratings of "AA" were affirmed by both S&P and Fitch.

In particular, the rating agencies cited the following credit strengths:

■ S&P Global Ratings:

- ✓ Very strong reserve position;
- ✓ Growing assessed value and above-average incomes; and
- ✓ Growing enrollment, which ensures steady Texas state funding.

■ Fitch Ratings, Inc.:

- ✓ Strong financial management practices supporting the District's history of favorable operating performance;
- ✓ Superior financial resilience, based on solid expenditure flexibility, limited historical revenue volatility and sound operating reserves; and
- ✓ Steady expansion of economic resource base.

Updated Timeline - Swap Termination Program

At its October 26, 2021 meeting, the District's Board of Trustees also authorized the refunding of DISD's existing Series 2005-A and Series 2006-B Bonds along with the termination of the associated Swap Agreements. In order to terminate the Swap Agreements, certain regulatory requirements must be met (e.g. compliance with Dodd-Frank protocols, etc.), which has caused a slight delay in the implementation of the District's Swap Termination Program. The District's Administration and financing team are in the process of finalizing the remaining requirements and we anticipate moving forward with the Swap Termination Program in January or February 2022.

Closing

Congratulations on the successful implementation of the District's 2021 Taxable Refunding Program. The actions of the District's Administration and Board of Trustees have reduced the District's existing bond payments for Denton ISD's taxpayers. Should any questions arise or additional information is preferred, please do not hesitate to contact us. We thank you for the opportunity to be of service to DISD and hope you are pleased with the results!

Sincerely,

Managing Director

Director