WEST CHESTER AREA SCHOOL DISTRICT Property & Finance Committee Meeting Monday – March 15, 2021 6:30 p.m.

ZOOM Meeting

AGENDA

Approval of February 16, 2021 P&FC Minutes (see attached)
 Mr. Bevilacqua

Update on Financing Plan (see attached)
 Mr. Scully/
 Chris Bamber, PFM

Review of Budget Forecast Model (see attached)
 Mr. Scully

 Approval of Contract Award for Henderson High School Chiller Mr. Groves Replacement (see attached)

Approval of Revised Board Policy 707, School District Facility
 Mr. Campbell Use, First Reading (see attached)

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(Board & Public)

Members of the public wishing to provide comments on committee agenda items may submit comments electronically using the google form link until 12 noon on the day of the meeting. The link is live once the committee packet has been posted publicly. Please limit your comments to two (2) minutes. Comments duly submitted will be noted and (as practical) read or summarized during the meeting.

Committee Meeting Minutes WEST CHESTER AREA SCHOOL DISTRICT February 16, 2021 – Property & Finance Committee (via ZOOM)

<u>Attending Committee Members</u>: Mr. Gary Bevilacqua-Chair, Mr. Brian Gallen, Dr. Karen Herrmann, Mr. Randell Spackman

<u>Other Board Members</u>: Mr. Daryl Durnell, Dr. Kate Shaw, Mrs. Sue Tiernan <u>Administration</u>: Mr. John Scully, Dr. James Scanlon, Mr. Kevin Campbell, Mr. Justin Matys, Dr. Bob Sokolowski, Mr. Michael Wagman, Mr. Mark Groves, Mr. Wayne Birster <u>Also Present</u>: Members of the public

Action or outcomes from the meeting: (Unless noted, all votes were 4-0.)							
The committee approved the January 19, 2021 Property & Finance	Mr.						
Committee Minutes.	Bevilacqua						
Mr. Wagman reviewed the result of the RFP for the fiber optic lease and the mini-bids from PEPPM approved providers, per E-Rate rules, for network hardware for the 2021-2022 school year. Mr. Wagman recommended approval of the following bids and vendors: Crown Castle 60-month dark fiber lease \$15,499.77/mo effective July 1, 2021 Optiv Security Dell-branded switchgear for Network Operations Center (NOC) CDW/G HP Aruba-branded edge switchgear and Aruba-branded Wireless access points, controllers, and licenses The costs guoted do not factor in the 40% E-Rate subsidy on the eligible							
The costs quoted do not factor in the 40% E-Rate subsidy on the eligible portions of the equipment. The fiber lease cost, referred to in E-Rate as a Category One expenditure, is incorporated into the operational budget. Network hardware is referred to as a Category Two expenditure and incorporated into our capital budget. The committee recommended approving the purchase of E-Rate Category 1 and Category 2 lease and							
Mr. Groves presented the committee with a proposal from Metal Alliance, Inc. in the amount of \$1,297,500 to furnish and install replacement roofing and associated work in accordance with their National Contract pricing proposal dated January 19, 2021. This proposal is for the Phase 2 work area of Bayard Rustin High School and is the same vendor that completed Phase 1 replacement. This Fund 30 project was approved by the School Board and is on the 2021-2022 Capital Project list. The committee recommended approval of the contract with Metal Alliance,							
Inc. for the Phase 2 roof work at Rustin High School. Mr. Groves reviewed the bid from Keystone Sports Construction in the amount of \$108,217.98 to furnish and install synthetic turf with shock absorbing pad in the courtyard of Greystone ES. Pricing is provided through COSTARS. This Fund 30 project was approved by the School Board in September 2019. The committee recommended approval of the contract with Keystone Sports Construction.							
Mr. Scully reviewed the February Budget Forecast Model. Changes to the 2020-21 expense projections included a reduction of \$250,000 in Contracted Special Ed, an increase of \$400,000 in Alt Ed-IU, a reduction of							

\$600,000 in Alt Ed-APT, a reduction of \$150,000 in Charter Schools, and increases in CCIU Federal Grant Salaries, Benefits, and Supplies of \$143,894, \$60,596, and \$663,428 respectively. Changes to the 2020-21 revenue projections include an increase in current real estate revenue of \$1,000,000, an increase in transfer tax of \$350,000, a reduction in investment income of \$150,000, a reduction in other revenue of \$141,254, and an increase in State Rental Subsidy of \$66,029. The net savings for 2020-21 is \$1,724,775. The savings resulting from changes to the 2020-21 projections will be utilized to reduce the 2021-22 budget gap. Mr. Scully reviewed changes to the 2021-22 expense projections, which include a reduction in Charter School expense of \$400,000 and will be utilized to reduce the 2021-22 budget gap. Mr. Scully reviewed the Financial Summary - All funds on page 35 of the model. With the incorporation of the above changes, the summary of all funds analysis showed a net gap in 2021-22 of \$3,942,000 assuming a tax increase up to the ACT 1 limit. This is an informational item and no Board action is required.

Items to be placed on board agenda February 22, 2021:

- Approval of E-Rate technology bids and vendors
- Approval of Contract Award Phase 2 Roof Replacement Rustin High School
- Approval of Contract Award for Synthetic Turf Courtyard at Greystone Elementary School

MEMO items for board agenda February 22, 2021:

· Approval of Revised Board Policy 827, Conflict of Interest

Items to discuss at a later date:						

Next Meeting Date: March 15, 2021

West Chester Area School District

New Money Analysis

March 15, 2021

Presented by:

Chris Bamber, CFA

Director

& Josh Shikoff

Analyst



PFM Financial Advisors LLC Public Financial Management, Inc.

2533 Yellow Springs Road 2nd Floor Malvern, PA 19355 717.232.2723 (P) 717.232.8610 (F) www.pfm.com

West Chester Area School District Topics for Discussion March 15, 2021

Market Update

- Taxable and tax-exempt interest rates were volatile at the end of February 2021 as the market became focused on signs of potential inflation in the economy and the impacts of the vaccine rollout on the spread of COVID.
- 2) Current long-term tax-exempt interest rates remain near all-time lows, with current rates approximately equal to where they were in January 2020, which were new all-time lows at the time

New Money Plan - Elementary Master Plan

- 3) Based on the draw schedule provided by the District, additional debt will need to be issued before Summer 2021 to meet draw requirements
- 4) The District could consider other options to accelerate some of its borrowing plans given:
 - a) Current interest rate environment
 - b) Net borrowing requirements of approximately \$35 million over next 36 months
- 5) The District asked PFM to run scenarios for different borrowing amounts as summarized below:

	2021 Bonds	Future Bonds
Option 1	\$10,000,000	\$25,000,000
Option 2	\$25,000,000	\$10,000,000
Option 3	\$35,000,000	\$0

Upcoming Refunding Opportunities

- 6) The District does not have any existing bonds with call dates in calendar year 2021
- 7) In May 2022, the District's 2012A, 2016AA, and 2017 Bonds become callable and PFM will continue to monitor market conditions between now and then for any other refunding opportunities

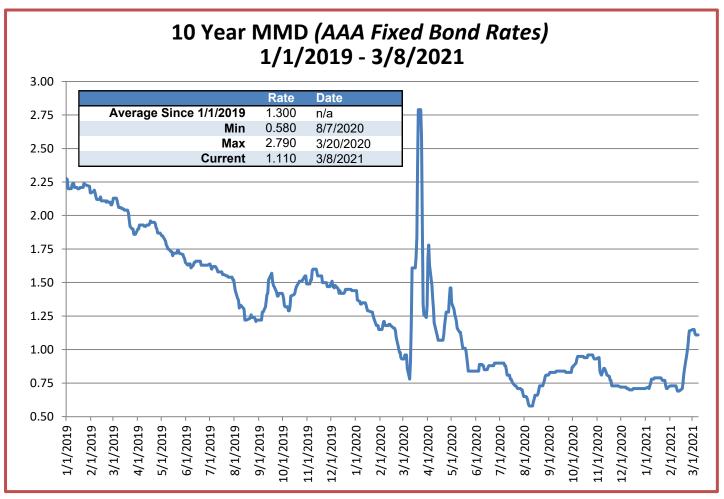
Next Steps

8) A detailed financing timeline for the 2021 New Money is shown on page 6.

10 Year MMD (AAA Fixed Bond Rates) 1/1/1982 - 3/8/2021







Debt Service Reg	uirements																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	14	15	16	17
																(2000A Emmaus)	
Fiscal	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Notes	Total
Year	Series A of	Series AA of	Series of	Series of	Series A of	Series AA of	Series AA of	Series of	Series A of	Series AA of	Series of	Series A of	Series of	Series of	Series of	Series of	Debt
																2009 11	
Ended	2012	2012	2013	2014	2014	2014	2015	2016	2016	2016	2017	2017	2018	2019	2020	2009	Service
6/30/2021	630,000	7,959,200	858,500	489,763	2,364,250	2,474,800	777,950	2,351,750	1,253,703	259,413	732,115	242,475	341,578	1,395,000	2,542,023	1,078,250	25,750,768
6/30/2022	630,000	7,924,800		489,763	2,410,000	2,475,950	777,700	2,355,000	1,253,635	259,313	729,715	242,388	341,453	1,394,800	4,927,850	1,049,000	27,261,365
6/30/2023	635,000			489,763	15,735,750	2,476,800		2,348,250	1,253,568	259,175	732,065	242,300	341,328	1,394,600	258,100	893,650	27,060,348
6/30/2024	634,850			489,763	9.182.250	2,477,350		2,346,750	7,123,500	259.038	739.065	242,213	341,203	1,394,400	260,600	991,500	26,482,480
					9,102,230			2,340,730		,	,	, -	. ,	, ,	,	,	., . ,
6/30/2025	634,700			494,763		7,842,600			13,224,750	258,900	735,765	242,100	341,053	1,394,200	257,850	991,575	26,418,255
6/30/2026	634,550			494,575		7,882,600			13,191,250	258,763	732,265	241,988	340,903	1,394,000	260,100	985,450	26,416,443
6/30/2027	634,400			494,388		20,181,850			1,020,000	258,625	738,465	241,875	340,753	1,393,800	257,100	745,400	26,306,655
6/30/2028	4,579,250			2,499,200		8,741,600				258,488	733,833	241,763	340,603	1,393,600	2,070,300	5,709,375	26,568,010
6/30/2029	4,580,750			2,753,800		8,741,900				2,273,350	728,100	2,576,650	340,453	1,393,400	2,072,800		25,461,203
6/30/2030	4,578,650			2,755,000		8,745,000				2,272,750		2,579,000	340,303	1,393,200	2,074,500		24,738,403
6/30/2031	4,582,950			2,757,400						2,270,350		2,574,125	1,305,153	1,393,000	2,070,400		16,953,378
6/30/2032	4,578,350			2,762,625						2,271,150		2,577,875	1,300,083	1,392,800	2,070,600		16,953,483
6/30/2033	-,010,000			2,102,020						2,211,130		2,511,015	1,303,740	5,132,600	2,070,000		6,436,340
6/30/2034													1,300,780	5,132,800			6,433,580
6/30/2035													1,300,800	5,132,000			6,432,800
6/30/2036													1,302,475	5,135,000			6,437,475
6/30/2037													1,302,750	5,136,400			6,439,150
6/30/2038													1,301,625	5,136,000			6,437,625
6/30/2039													1,304,100	5,133,600			6,437,700
6/30/2040														5,304,000			5,304,000
		45.004.000	252 522	40.000.000			4	2 121 ==2		44.450.040		40.044.550	15 101 100		10.100.000	40.444.000	-
TOTAL	27,333,450	15,884,000	858,500	16,970,800	29,692,250	72,040,450	1,555,650	9,401,750	38,320,405	11,159,313	6,601,388	12,244,750	15,131,130	57,969,200	19,122,223	12,444,200	346,729,458
Local Effort Requ	viromonto																
	19	20	21	22	23	24	25	26	27	28	29	30	04	04	00	00	0.4
18	19	20	21	22	23	24	25	26	27	28	29	30	31	31	32	33	34
																(2000A Emmaus)	
Fiscal	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Bonds	G.O. Notes	Total
Year	Series A of	Series AA of	Series of	Series of	Series A of	Series AA of	Series AA of	Series of	Series A of	Series AA of	Series of	Series A of	Series of	Series of	Series of	Series of	Local
	0011007101	00110370101	OCITICS OF	Selles of	Ochos / Cor	00110078101											Local
Ended	2012	2012	2013	2014	2014	2014	2015	2016	2016	2016	2017	2017	2018	2019	2020	2009 11	Effort
Ended	2012	2012	2013	2014	2014	2014	2015	2016					2018		2020	2009 111	Effort
Ended 6/30/2021	2012 570,367	7,741,319		2014 489,763	2014 2,301,548	2014 2,443,039	2015 706,863	2016 2,193,653	1,198,149	244,560	732,115	242,475	2018 341,578	1,395,000	2020 2,383,787	977,525	Effort 24,722,499
6/30/2021 6/30/2022	2012 570,367 570,367	2012	2013	2014 489,763 489,763	2014 2,301,548 2,346,084	2,443,039 2,444,175	2015	2016 2,193,653 2,196,685	1,198,149 1,198,084	244,560 244,465	732,115 729,715	242,475 242,388	2018 341,578 341,453	1,395,000 1,394,800	2020 2,383,787 4,621,103	977,525 951,007	24,722,499 26,184,584
Ended 6/30/2021 6/30/2022 6/30/2023	2012 570,367 570,367 574,894	7,741,319	2013	2014 489,763 489,763 489,763	2,301,548 2,346,084 15,318,422	2014 2,443,039 2,444,175 2,445,014	2015 706,863	2016 2,193,653 2,196,685 2,190,389	1,198,149 1,198,084 1,198,020	244,560 244,465 244,336	732,115 729,715 732,065	242,475 242,388 242,300	2018 341,578 341,453 341,328	1,395,000 1,394,800 1,394,600	2020 2,383,787 4,621,103 242,034	2009 ¹¹ 977,525 951,007 810,169	24,722,499 26,184,584 26,223,331
6/30/2021 6/30/2022 6/30/2023 6/30/2024	2012 570,367 570,367 574,894 574,758	7,741,319	2013	2014 489,763 489,763 489,763 489,763	2014 2,301,548 2,346,084	2,443,039 2,444,175 2,445,014 2,445,557	2015 706,863	2016 2,193,653 2,196,685	1,198,149 1,198,084 1,198,020 6,807,844	244,560 244,465 244,336 244,206	732,115 729,715 732,065 739,065	242,475 242,388 242,300 242,213	2018 341,578 341,453 341,328 341,203	1,395,000 1,394,800 1,394,600 1,394,400	2020 2,383,787 4,621,103 242,034 244,378	2009 11 977,525 951,007 810,169 898,878	24,722,499 26,184,584 26,223,331 25,549,981
Ended 6/30/2021 6/30/2022 6/30/2023 6/30/2024 6/30/2025	2012 570,367 570,367 574,894 574,758 574,622	7,741,319	2013	2014 489,763 489,763 489,763 489,763 494,763	2,301,548 2,346,084 15,318,422	2,443,039 2,444,175 2,445,014 2,445,557 7,741,951	2015 706,863	2016 2,193,653 2,196,685 2,190,389	1,198,149 1,198,084 1,198,020 6,807,844 12,638,737	244,560 244,465 244,336 244,206 244,077	732,115 729,715 732,065 739,065 735,765	242,475 242,388 242,300 242,213 242,100	2018 341,578 341,453 341,328 341,203 341,053	1,395,000 1,394,800 1,394,600 1,394,400 1,394,200	2020 2,383,787 4,621,103 242,034 244,378 241,799	2009 ¹⁻¹ 977,525 951,007 810,169 898,878 898,946	24,722,499 26,184,584 26,223,331 25,549,981 25,548,012
Ended 6/30/2021 6/30/2022 6/30/2023 6/30/2024 6/30/2025 6/30/2026	2012 570,367 570,367 574,894 574,758 574,622 574,487	7,741,319	2013	2014 489,763 489,763 489,763 489,763 494,763 494,575	2,301,548 2,346,084 15,318,422	2,443,039 2,444,175 2,445,014 2,445,557 7,741,951 7,781,438	2015 706,863	2016 2,193,653 2,196,685 2,190,389	1,198,149 1,198,084 1,198,020 6,807,844 12,638,737 12,606,721	244,560 244,465 244,336 244,206 244,077 243,947	732,115 729,715 732,065 739,065 735,765 732,265	242,475 242,388 242,300 242,213 242,100 241,988	2018 341,578 341,453 341,328 341,203 341,053 340,903	1,395,000 1,394,800 1,394,600 1,394,400	2020 2,383,787 4,621,103 242,034 244,378 241,799 243,909	977,525 951,007 810,169 898,878 898,946 893,394	Effort 24,722,499 26,184,584 26,223,331 25,549,981 25,548,012 25,547,625
Ended 6/30/2021 6/30/2022 6/30/2023 6/30/2024 6/30/2025 6/30/2026 6/30/2027	2012 570,367 570,367 574,894 574,758 574,622	7,741,319	2013	2014 489,763 489,763 489,763 489,763 494,763	2,301,548 2,346,084 15,318,422	2014 2,443,039 2,444,175 2,445,014 2,445,557 7,741,951 7,781,438 19,922,843	2015 706,863	2016 2,193,653 2,196,685 2,190,389	1,198,149 1,198,084 1,198,020 6,807,844 12,638,737	244,560 244,465 244,336 244,206 244,077 243,947 243,817	732,115 729,715 732,065 739,065 735,765 732,265 738,465	242,475 242,388 242,300 242,213 242,100 241,988 241,875	2018 341,578 341,453 341,328 341,203 341,053 340,903 340,753	1,395,000 1,394,800 1,394,600 1,394,400 1,394,200 1,394,000 1,393,800	2020 2,383,787 4,621,103 242,034 244,378 241,799 243,909 241,096	2009 ¹³ 977,525 951,007 810,169 898,878 898,946 893,394 675,768	Effort 24,722,499 26,184,584 26,223,331 25,549,981 25,548,012 25,547,625 25,841,958
Ended 6/30/2021 6/30/2022 6/30/2023 6/30/2024 6/30/2025 6/30/2026	2012 570,367 570,367 574,894 574,758 574,622 574,487	7,741,319	2013	2014 489,763 489,763 489,763 489,763 494,763 494,575	2,301,548 2,346,084 15,318,422	2,443,039 2,444,175 2,445,014 2,445,557 7,741,951 7,781,438	2015 706,863	2016 2,193,653 2,196,685 2,190,389	1,198,149 1,198,084 1,198,020 6,807,844 12,638,737 12,606,721	244,560 244,465 244,336 244,206 244,077 243,947	732,115 729,715 732,065 739,065 735,765 732,265	242,475 242,388 242,300 242,213 242,100 241,988	2018 341,578 341,453 341,328 341,203 341,053 340,903	1,395,000 1,394,800 1,394,600 1,394,400 1,394,200 1,394,000	2020 2,383,787 4,621,103 242,034 244,378 241,799 243,909	977,525 951,007 810,169 898,878 898,946 893,394	Effort 24,722,499 26,184,584 26,223,331 25,549,981 25,548,012 25,547,625
Ended 6/30/2021 6/30/2022 6/30/2023 6/30/2024 6/30/2025 6/30/2026 6/30/2027	2012 570,367 570,367 574,894 574,758 574,622 574,487 574,351	7,741,319	2013	2014 489,763 489,763 489,763 489,763 494,763 494,575 494,388	2,301,548 2,346,084 15,318,422	2014 2,443,039 2,444,175 2,445,014 2,445,557 7,741,951 7,781,438 19,922,843	2015 706,863	2016 2,193,653 2,196,685 2,190,389	1,198,149 1,198,084 1,198,020 6,807,844 12,638,737 12,606,721	244,560 244,465 244,336 244,206 244,077 243,947 243,817	732,115 729,715 732,065 739,065 735,765 732,265 738,465	242,475 242,388 242,300 242,213 242,100 241,988 241,875	2018 341,578 341,453 341,328 341,203 341,053 340,903 340,753	1,395,000 1,394,800 1,394,600 1,394,400 1,394,200 1,394,000 1,393,800	2020 2,383,787 4,621,103 242,034 244,378 241,799 243,909 241,096	2009 ¹³ 977,525 951,007 810,169 898,878 898,946 893,394 675,768	Effort 24,722,499 26,184,584 26,223,331 25,549,981 25,548,012 25,547,625 25,841,958
Ended 6/30/2021 6/30/2022 6/30/2023 6/30/2024 6/30/2025 6/30/2026 6/30/2026 6/30/2028 6/30/2028	2012 570,367 570,367 574,894 574,758 574,622 574,487 574,351 4,145,801 4,147,159	7,741,319	2013	2014 489,763 489,763 489,763 489,763 494,763 494,575 494,388 2,499,200 2,753,800	2,301,548 2,346,084 15,318,422	2014 2,443,039 2,444,175 2,445,014 2,445,557 7,741,951 7,781,438 19,922,843 8,629,413 8,629,710	2015 706,863	2016 2,193,653 2,196,685 2,190,389	1,198,149 1,198,084 1,198,020 6,807,844 12,638,737 12,606,721	244,560 244,465 244,336 244,206 244,077 243,947 243,817 243,688 2,143,188	732,115 729,715 732,065 739,065 735,765 732,265 738,465 733,833	242,475 242,388 242,300 242,213 242,100 241,988 241,875 241,763 2,576,650	2018 341,578 341,453 341,328 341,203 341,053 340,903 340,753 340,603 340,453	1,395,000 1,394,800 1,394,600 1,394,400 1,394,200 1,393,800 1,393,600 1,393,400	2020 2,383,787 4,621,103 242,034 244,378 241,799 243,909 241,096 1,941,429 1,943,773	2009 ¹³ 977,525 951,007 810,169 898,878 898,946 893,394 675,768	24,722,499 26,184,584 26,223,331 25,549,981 25,548,012 25,547,625 25,841,538 24,656,232
Ended 6/30/2021 6/30/2022 6/30/2023 6/30/2024 6/30/2026 6/30/2026 6/30/2027 6/30/2028 6/30/2029 6/30/2030	2012 570,367 570,367 574,894 574,758 574,622 574,487 574,351 4,145,801 4,147,159 4,145,258	7,741,319	2013	2014 489,763 489,763 489,763 489,763 494,763 494,575 494,388 2,499,200 2,753,800 2,755,000	2,301,548 2,346,084 15,318,422	2014 2,443,039 2,444,175 2,445,014 2,445,557 7,741,951 7,781,438 19,922,843 8,629,413	2015 706,863	2016 2,193,653 2,196,685 2,190,389	1,198,149 1,198,084 1,198,020 6,807,844 12,638,737 12,606,721	244,560 244,465 244,336 244,206 244,077 243,947 243,817 243,688 2,143,188 2,142,622	732,115 729,715 732,065 739,065 735,765 732,265 738,465 733,833	242,475 242,388 242,300 242,213 242,100 241,988 241,875 241,763 2,576,650 2,579,000	2018 341,578 341,453 341,203 341,053 340,903 340,753 340,603 340,453 340,453	1,395,000 1,394,800 1,394,600 1,394,400 1,394,200 1,393,800 1,393,600 1,393,400 1,393,200	2020 2,383,787 4,621,103 242,034 244,378 241,799 243,909 241,096 1,941,429 1,943,773 1,945,367	2009 ¹³ 977,525 951,007 810,169 898,878 898,946 893,394 675,768	24,722,499 26,184,584 26,223,331 25,549,981 25,548,012 25,547,625 25,841,958 24,556,232 23,933,520
Ended 6/30/2021 6/30/2022 6/30/2023 6/30/2025 6/30/2025 6/30/2027 6/30/2028 6/30/2029 6/30/2030 6/30/2031	2012 570,367 570,367 574,894 574,758 574,622 574,487 574,351 4,145,801 4,147,159 4,145,258 4,149,151	7,741,319	2013	2014 489,763 489,763 489,763 489,763 494,763 494,575 494,388 2,499,200 2,753,800 2,755,000 2,757,400	2,301,548 2,346,084 15,318,422	2014 2,443,039 2,444,175 2,445,014 2,445,557 7,741,951 7,781,438 19,922,843 8,629,413 8,629,710	2015 706,863	2016 2,193,653 2,196,685 2,190,389	1,198,149 1,198,084 1,198,020 6,807,844 12,638,737 12,606,721	244,560 244,465 244,336 244,206 244,077 243,947 243,817 243,688 2,143,188 2,142,622 2,140,360	732,115 729,715 732,065 739,065 735,765 732,265 738,465 733,833	242,475 242,388 242,300 242,213 242,100 241,988 241,763 2,576,650 2,579,000 2,574,125	2018 341,578 341,453 341,203 341,053 340,763 340,763 340,453 340,303 1,305,153	1,395,000 1,394,800 1,394,600 1,394,400 1,394,200 1,393,600 1,393,600 1,393,400 1,393,400 1,393,000	2020 2,383,787 4,621,103 242,034 244,378 241,799 243,909 241,096 1,941,429 1,943,773 1,945,367 1,941,522	2009 ¹³ 977,525 951,007 810,169 898,878 898,946 893,394 675,768	Effort 24,722,499 26,184,584 26,223,331 25,549,981 25,548,012 25,547,625 25,841,958 25,345,358 24,656,232 23,933,520 16,260,710
Ended 6/30/2021 6/30/2022 6/30/2023 6/30/2024 6/30/2025 6/30/2025 6/30/2028 6/30/2028 6/30/2029 6/30/2031 6/30/2031	2012 570,367 570,367 574,894 574,758 574,622 574,487 574,351 4,145,801 4,147,159 4,145,258	7,741,319	2013	2014 489,763 489,763 489,763 489,763 494,763 494,575 494,388 2,499,200 2,753,800 2,755,000	2,301,548 2,346,084 15,318,422	2014 2,443,039 2,444,175 2,445,014 2,445,557 7,741,951 7,781,438 19,922,843 8,629,413 8,629,710	2015 706,863	2016 2,193,653 2,196,685 2,190,389	1,198,149 1,198,084 1,198,020 6,807,844 12,638,737 12,606,721	244,560 244,465 244,336 244,206 244,077 243,947 243,817 243,688 2,143,188 2,142,622	732,115 729,715 732,065 739,065 735,765 732,265 738,465 733,833	242,475 242,388 242,300 242,213 242,100 241,988 241,875 241,763 2,576,650 2,579,000	2018 341,578 341,453 341,28 341,203 340,903 340,753 340,603 340,453 340,303 1,305,153 1,300,083	1,395,000 1,394,800 1,394,600 1,394,400 1,394,000 1,393,000 1,393,600 1,393,400 1,393,200 1,393,3000 1,393,000 1,392,800	2020 2,383,787 4,621,103 242,034 244,378 241,799 243,909 241,096 1,941,429 1,943,773 1,945,367	2009 ¹³ 977,525 951,007 810,169 898,878 898,946 893,394 675,768	24,722,499 26,184,584 26,223,331 25,549,981 25,548,012 25,547,625 25,841,958 24,556,232 23,933,520 16,260,710 16,261,193
Ended 6/30/2021 6/30/2022 6/30/2023 6/30/2024 6/30/2026 6/30/2026 6/30/2026 6/30/2026 6/30/2029 6/30/2030 6/30/2031 6/30/2033	2012 570,367 570,367 574,894 574,758 574,622 574,487 574,351 4,145,801 4,147,159 4,145,258 4,149,151	7,741,319	2013	2014 489,763 489,763 489,763 489,763 494,763 494,575 494,388 2,499,200 2,753,800 2,755,000 2,757,400	2,301,548 2,346,084 15,318,422	2014 2,443,039 2,444,175 2,445,014 2,445,557 7,741,951 7,781,438 19,922,843 8,629,413 8,629,710	2015 706,863	2016 2,193,653 2,196,685 2,190,389	1,198,149 1,198,084 1,198,020 6,807,844 12,638,737 12,606,721	244,560 244,465 244,336 244,206 244,077 243,947 243,817 243,688 2,143,188 2,142,622 2,140,360	732,115 729,715 732,065 739,065 735,765 732,265 738,465 733,833	242,475 242,388 242,300 242,213 242,100 241,988 241,763 2,576,650 2,579,000 2,574,125	2018 341,453 341,453 341,203 341,053 340,903 340,753 340,603 340,453 340,303 1,305,153 1,300,083 1,303,740	1,395,000 1,394,600 1,394,600 1,394,400 1,394,200 1,393,600 1,393,600 1,393,400 1,393,400 1,393,200 1,393,200 1,393,200 1,393,200 1,393,200	2020 2,383,787 4,621,103 242,034 244,378 241,799 243,909 241,096 1,941,429 1,943,773 1,945,367 1,941,522	2009 ¹³ 977,525 951,007 810,169 898,878 898,946 893,394 675,768	24,722,499 26,184,584 26,223,331 25,549,981 25,548,012 25,547,625 25,841,958 25,345,358 24,656,232 23,933,520 16,260,710 16,261,193 6,436,340
Ended 6/30/2021 6/30/2022 6/30/2023 6/30/2024 6/30/2025 6/30/2026 6/30/2027 6/30/2026 6/30/2029 6/30/2030 6/30/2031 6/30/2031 6/30/2032 6/30/2033	2012 570,367 570,367 574,894 574,758 574,622 574,487 574,351 4,145,801 4,147,159 4,145,258 4,149,151	7,741,319	2013	2014 489,763 489,763 489,763 489,763 494,763 494,575 494,388 2,499,200 2,753,800 2,755,000 2,757,400	2,301,548 2,346,084 15,318,422	2014 2,443,039 2,444,175 2,445,014 2,445,557 7,741,951 7,781,438 19,922,843 8,629,413 8,629,710	2015 706,863	2016 2,193,653 2,196,685 2,190,389	1,198,149 1,198,084 1,198,020 6,807,844 12,638,737 12,606,721	244,560 244,465 244,336 244,206 244,077 243,947 243,817 243,688 2,143,188 2,142,622 2,140,360	732,115 729,715 732,065 739,065 735,765 732,265 738,465 733,833	242,475 242,388 242,300 242,213 242,100 241,988 241,763 2,576,650 2,579,000 2,574,125	2018 341,578 341,453 341,203 341,053 340,903 340,753 340,603 340,453 340,303 1,305,153 1,300,083 1,303,740 1,500,780	1,395,000 1,394,800 1,394,400 1,394,400 1,394,000 1,393,800 1,393,400 1,393,200 1,393,200 1,393,200 1,393,200 5,132,600 5,132,600	2020 2,383,787 4,621,103 242,034 244,378 241,799 243,909 241,096 1,941,429 1,943,773 1,945,367 1,941,522	2009 ¹³ 977,525 951,007 810,169 898,878 898,946 893,394 675,768	24,722,499 26,184,584 26,223,331 25,549,981 25,548,012 25,547,625 25,841,958 24,656,232 23,933,520 16,261,193 6,436,340 6,433,580
Ended 6/30/2021 6/30/2022 6/30/2023 6/30/2024 6/30/2025 6/30/2025 6/30/2027 6/30/2028 6/30/2029 6/30/2030 6/30/2031 6/30/2032 6/30/2034 6/30/2034 6/30/2035	2012 570,367 570,367 574,894 574,758 574,622 574,487 574,351 4,145,801 4,147,159 4,145,258 4,149,151	7,741,319	2013	2014 489,763 489,763 489,763 489,763 494,763 494,575 494,388 2,499,200 2,753,800 2,755,000 2,757,400	2,301,548 2,346,084 15,318,422	2014 2,443,039 2,444,175 2,445,014 2,445,557 7,741,951 7,781,438 19,922,843 8,629,413 8,629,710	2015 706,863	2016 2,193,653 2,196,685 2,190,389	1,198,149 1,198,084 1,198,020 6,807,844 12,638,737 12,606,721	244,560 244,465 244,336 244,206 244,077 243,947 243,817 243,688 2,143,188 2,142,622 2,140,360	732,115 729,715 732,065 739,065 735,765 732,265 738,465 733,833	242,475 242,388 242,300 242,213 242,100 241,988 241,763 2,576,650 2,579,000 2,574,125	2018 341,578 341,453 341,203 341,053 340,903 340,753 340,603 340,453 340,303 1,305,153 1,300,083 1,303,740 1,300,780 1,300,780	1,395,000 1,394,800 1,394,600 1,394,400 1,394,200 1,393,800 1,393,600 1,393,600 1,393,200 1,393,000 1,392,800 5,132,600 5,132,800 5,132,800	2020 2,383,787 4,621,103 242,034 244,378 241,799 243,909 241,096 1,941,429 1,943,773 1,945,367 1,941,522	2009 ¹³ 977,525 951,007 810,169 898,878 898,946 893,394 675,768	24,722,499 26,184,584 26,223,331 25,549,981 25,549,762 25,841,958 25,345,358 24,656,232 23,933,520 16,260,710 16,261,193 6,436,340 6,433,580 6,432,800
Ended 6/30/2021 6/30/2022 6/30/2022 6/30/2025 6/30/2026 6/30/2026 6/30/2026 6/30/2029 6/30/2030 6/30/2030 6/30/2033 6/30/2033 6/30/2034 6/30/2035 6/30/2036	2012 570,367 570,367 574,894 574,758 574,622 574,487 574,351 4,145,801 4,147,159 4,145,258 4,149,151	7,741,319	2013	2014 489,763 489,763 489,763 489,763 494,763 494,575 494,388 2,499,200 2,753,800 2,755,000 2,757,400	2,301,548 2,346,084 15,318,422	2014 2,443,039 2,444,175 2,445,014 2,445,557 7,741,951 7,781,438 19,922,843 8,629,413 8,629,710	2015 706,863	2016 2,193,653 2,196,685 2,190,389	1,198,149 1,198,084 1,198,020 6,807,844 12,638,737 12,606,721	244,560 244,465 244,336 244,206 244,077 243,947 243,817 243,688 2,143,188 2,142,622 2,140,360	732,115 729,715 732,065 739,065 735,765 732,265 738,465 733,833	242,475 242,388 242,300 242,213 242,100 241,988 241,763 2,576,650 2,579,000 2,574,125	2018 341,578 341,453 341,203 341,053 340,903 340,753 340,603 340,453 340,303 1,305,153 1,300,083 1,303,740 1,300,780 1,300,780 1,300,780 1,300,780 1,300,780	1,395,000 1,394,800 1,394,800 1,394,400 1,394,200 1,393,800 1,393,600 1,393,200 1,393,200 1,392,800 5,132,600 5,132,600 5,132,600 5,132,000	2020 2,383,787 4,621,103 242,034 244,378 241,799 243,909 241,096 1,941,429 1,943,773 1,945,367 1,941,522	2009 ¹³ 977,525 951,007 810,169 898,878 898,946 893,394 675,768	Effort 24,722,499 26,184,584 26,223,331 25,549,981 25,548,012 25,547,625 25,841,958 25,345,558 24,656,232 23,933,520 16,260,710 16,261,193 6,436,340 6,433,580 6,432,800 6,437,475
Ended 6/30/2021 6/30/2022 6/30/2022 6/30/2024 6/30/2025 6/30/2026 6/30/2027 6/30/2026 6/30/2030 6/30/2030 6/30/2031 6/30/2033 6/30/2033 6/30/2033 6/30/2034 6/30/2035 6/30/2036	2012 570,367 570,367 574,894 574,758 574,622 574,487 574,351 4,145,801 4,147,159 4,145,258 4,149,151	7,741,319	2013	2014 489,763 489,763 489,763 489,763 494,763 494,575 494,388 2,499,200 2,753,800 2,755,000 2,757,400	2,301,548 2,346,084 15,318,422	2014 2,443,039 2,444,175 2,445,014 2,445,557 7,741,951 7,781,438 19,922,843 8,629,413 8,629,710	2015 706,863	2016 2,193,653 2,196,685 2,190,389	1,198,149 1,198,084 1,198,020 6,807,844 12,638,737 12,606,721	244,560 244,465 244,336 244,206 244,077 243,947 243,817 243,688 2,143,188 2,142,622 2,140,360	732,115 729,715 732,065 739,065 735,765 732,265 738,465 733,833	242,475 242,388 242,300 242,213 242,100 241,988 241,763 2,576,650 2,579,000 2,574,125	2018 341,578 341,453 341,203 341,053 340,903 340,753 340,603 340,453 340,303 1,305,153 1,300,083 1,303,740 1,300,780 1,300,780	1,395,000 1,394,800 1,394,600 1,394,400 1,394,200 1,393,800 1,393,600 1,393,600 1,393,200 1,393,000 1,392,800 5,132,600 5,132,800 5,132,800	2020 2,383,787 4,621,103 242,034 244,378 241,799 243,909 241,096 1,941,429 1,943,773 1,945,367 1,941,522	2009 ¹³ 977,525 951,007 810,169 898,878 898,946 893,394 675,768	Effort 24,722,499 26,184,584 26,223,331 25,549,981 25,548,012 25,547,625 25,841,958 24,556,232 23,933,520 16,260,710 16,261,193 6,436,340 6,433,580 6,432,800 6,437,475 6,439,150
Ended 6/30/2021 6/30/2022 6/30/2022 6/30/2025 6/30/2026 6/30/2026 6/30/2026 6/30/2029 6/30/2030 6/30/2030 6/30/2033 6/30/2033 6/30/2034 6/30/2035 6/30/2036	2012 570,367 570,367 574,894 574,758 574,622 574,487 574,351 4,145,801 4,147,159 4,145,258 4,149,151	7,741,319	2013	2014 489,763 489,763 489,763 489,763 494,763 494,575 494,388 2,499,200 2,753,800 2,755,000 2,757,400	2,301,548 2,346,084 15,318,422	2014 2,443,039 2,444,175 2,445,014 2,445,557 7,741,951 7,781,438 19,922,843 8,629,413 8,629,710	2015 706,863	2016 2,193,653 2,196,685 2,190,389	1,198,149 1,198,084 1,198,020 6,807,844 12,638,737 12,606,721	244,560 244,465 244,336 244,206 244,077 243,947 243,817 243,688 2,143,188 2,142,622 2,140,360	732,115 729,715 732,065 739,065 735,765 732,265 738,465 733,833	242,475 242,388 242,300 242,213 242,100 241,988 241,763 2,576,650 2,579,000 2,574,125	2018 341,578 341,453 341,203 341,053 340,903 340,753 340,603 340,453 340,303 1,305,153 1,300,083 1,303,740 1,300,780 1,300,780 1,300,780 1,300,780 1,300,780	1,395,000 1,394,800 1,394,800 1,394,400 1,394,200 1,393,800 1,393,600 1,393,200 1,393,200 1,392,800 5,132,600 5,132,600 5,132,600 5,132,000	2020 2,383,787 4,621,103 242,034 244,378 241,799 243,909 241,096 1,941,429 1,943,773 1,945,367 1,941,522	2009 ¹³ 977,525 951,007 810,169 898,878 898,946 893,394 675,768	Effort 24,722,499 26,184,584 26,223,331 25,549,981 25,548,012 25,547,625 25,841,958 25,345,558 24,656,232 23,933,520 16,260,710 16,261,193 6,436,340 6,433,580 6,432,800 6,437,475
Ended 6/30/2021 6/30/2022 6/30/2022 6/30/2024 6/30/2025 6/30/2026 6/30/2027 6/30/2026 6/30/2030 6/30/2030 6/30/2031 6/30/2033 6/30/2033 6/30/2033 6/30/2034 6/30/2035 6/30/2036	2012 570,367 570,367 574,894 574,758 574,622 574,487 574,351 4,145,801 4,147,159 4,145,258 4,149,151	7,741,319	2013	2014 489,763 489,763 489,763 489,763 494,763 494,575 494,388 2,499,200 2,753,800 2,755,000 2,757,400	2,301,548 2,346,084 15,318,422	2014 2,443,039 2,444,175 2,445,014 2,445,557 7,741,951 7,781,438 19,922,843 8,629,413 8,629,710	2015 706,863	2016 2,193,653 2,196,685 2,190,389	1,198,149 1,198,084 1,198,020 6,807,844 12,638,737 12,606,721	244,560 244,465 244,336 244,206 244,077 243,947 243,817 243,688 2,143,188 2,142,622 2,140,360	732,115 729,715 732,065 739,065 735,765 732,265 738,465 733,833	242,475 242,388 242,300 242,213 242,100 241,988 241,763 2,576,650 2,579,000 2,574,125	2018 341,578 341,453 341,203 341,053 340,903 340,753 340,603 340,453 340,303 1,305,153 1,300,083 1,303,740 1,300,800 1,302,475 1,302,475	1,395,000 1,394,600 1,394,600 1,394,400 1,394,000 1,393,600 1,393,600 1,393,200 1,393,200 1,392,800 5,132,600 5,132,600 5,132,600 5,132,600 5,135,000	2020 2,383,787 4,621,103 242,034 244,378 241,799 243,909 241,096 1,941,429 1,943,773 1,945,367 1,941,522	2009 ¹³ 977,525 951,007 810,169 898,878 898,946 893,394 675,768	Effort 24,722,499 26,184,584 26,223,331 25,549,981 25,548,012 25,547,625 25,841,958 24,556,232 23,933,520 16,260,710 16,261,193 6,436,340 6,433,580 6,432,800 6,437,475 6,439,150
Ended 6/30/2021 6/30/2022 6/30/2022 6/30/2024 6/30/2025 6/30/2025 6/30/2026 6/30/2026 6/30/2030 6/30/2030 6/30/2033 6/30/2033 6/30/2035 6/30/2037 6/30/2036	2012 570,367 570,367 574,894 574,758 574,622 574,487 574,351 4,145,801 4,147,159 4,145,258 4,149,151	7,741,319	2013	2014 489,763 489,763 489,763 489,763 494,763 494,575 494,388 2,499,200 2,753,800 2,755,000 2,757,400	2,301,548 2,346,084 15,318,422	2014 2,443,039 2,444,175 2,445,014 2,445,557 7,741,951 7,781,438 19,922,843 8,629,413 8,629,710	2015 706,863	2016 2,193,653 2,196,685 2,190,389	1,198,149 1,198,084 1,198,020 6,807,844 12,638,737 12,606,721	244,560 244,465 244,336 244,206 244,077 243,947 243,817 243,688 2,143,188 2,142,622 2,140,360	732,115 729,715 732,065 739,065 735,765 732,265 738,465 733,833	242,475 242,388 242,300 242,213 242,100 241,988 241,763 2,576,650 2,579,000 2,574,125	2018 341,578 341,453 341,328 341,203 341,053 340,903 340,753 340,603 340,453 340,303 1,305,153 1,300,083 1,303,740 1,302,475 1,302,475 1,302,675 1,302,675	1,395,000 1,394,800 1,394,800 1,394,400 1,394,200 1,393,600 1,393,600 1,393,200 1,393,200 5,132,600 5,133,600	2020 2,383,787 4,621,103 242,034 244,378 241,799 243,909 241,096 1,941,429 1,943,773 1,945,367 1,941,522	2009 ¹³ 977,525 951,007 810,169 898,878 898,946 893,394 675,768	Effort 24,722,499 26,184,584 26,223,331 25,549,981 25,547,625 25,841,958 25,345,558 24,656,232 23,933,520 16,260,710 16,261,193 6,436,340 6,433,580 6,437,475 6,439,150 6,437,625 6,437,625
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Ended 6/30/2021 6/30/2022 6/30/2022 6/30/2024 6/30/2025 6/30/2026 6/30/2027 6/30/2028 6/30/2030 6/30/2030 6/30/2031 6/30/2033 6/30/2033 6/30/2034 6/30/2035 6/30/2036 6/30/2036 6/30/2036 6/30/2036 6/30/2036 6/30/2039 6/30/2039 6/30/2039 6/30/2039	2012 570,367 570,367 574,894 574,758 574,622 574,487 574,351 4,145,801 4,147,159 4,145,258 4,149,151 4,144,986	2012 7,741,319 7,707,861 15,449,179	760,759 760,759	2014 489,763 489,763 489,763 489,763 494,763 494,575 494,388 2,499,200 2,753,800 2,755,000 2,757,400 2,762,625	2014 2,301,548 2,346,084 15,318,422 8,938,727 28,904,781 25,585,000	2014 2,443,039 2,444,175 2,445,014 2,445,557 7,741,951 7,781,438 19,922,843 8,629,413 8,629,710 8,632,770	2015 706,863 706,636 1,413,498 770,000	2016 2,193,653 2,196,685 2,190,389 2,188,989 8,769,716	1,198,149 1,198,084 1,198,020 6,807,844 12,638,737 12,606,721 974,802	244,560 244,465 244,336 244,206 244,077 243,947 243,688 2,142,622 2,140,360 2,141,114	732,115 729,715 732,065 739,065 735,765 732,265 738,465 738,833 728,100	242,475 242,388 242,300 242,213 242,100 241,988 241,875 241,763 2,576,650 2,579,000 2,574,125 2,577,875	2018 341,578 341,453 341,203 341,053 340,903 340,753 340,603 340,453 340,303 1,305,153 1,300,883 1,303,740 1,300,800 1,302,475 1,301,625 1,304,100 15,131,130	1,395,000 1,394,800 1,394,400 1,394,400 1,394,000 1,393,600 1,393,800 1,393,200 1,393,200 1,392,800 5,132,800 5,132,600 5,136,400 5,136,600 5,136,600 5,736,000 5,736,000 5,736,000 5,736,000	2020 2,383,787 4,621,103 242,034 244,378 241,799 243,909 241,096 1,941,429 1,943,773 1,945,367 1,941,522 1,941,710	2009 11 977,525 951,007 810,169 898,878 898,946 893,394 675,768 5,176,030	Effort 24,722,499 26,184,554 26,223,331 25,549,981 25,548,012 25,547,625 25,841,958 24,656,232 23,933,520 16,261,193 6,436,340 6,433,580 6,432,800 6,437,475 6,439,150 6,437,475 6,439,150 6,437,625 6,437,700 5,304,000 336,433,673
Ended 6/30/2021 6/30/2022 6/30/2023 6/30/2023 6/30/2025 6/30/2026 6/30/2027 6/30/2026 6/30/2030 6/30/2031 6/30/2031 6/30/2033 6/30/2033 6/30/2033 6/30/2033 6/30/2039 6/30/2039 6/30/2039 6/30/2039 6/30/2039 6/30/2039 6/30/2039 6/30/2039 6/30/2039 6/30/2039 6/30/2039 6/30/2039 6/30/2039	2012 570,367 570,367 570,367 574,894 574,758 574,622 574,487 4,145,801 4,147,159 4,145,258 4,149,151 4,144,986 24,746,203 21,000,000 34,37%	2012 7,741,319 7,707,861 15,449,179 14,980,000 9.94%	760,759 760,759 0	2014 489,763 489,763 489,763 494,763 494,575 494,388 2,499,200 2,755,000 2,755,000 2,757,400 2,762,625	2014 2,301,548 2,346,084 15,318,422 8,938,727 28,904,781 25,585,000 9,63%	2014 2,443,039 2,444,175 2,445,014 2,445,557 7,741,951 7,781,438 19,922,843 8,629,413 8,629,710 8,632,770 71,115,909 56,170,000 4,66%	2015 706,863 706,636 1,413,498 770,000 33,18%	2016 2,193,653 2,196,685 2,190,389 2,188,989 8,769,716 8,335,000 24.41%	1,198,149 1,198,084 1,198,084 1,198,020 6,807,844 12,638,737 12,606,721 974,802 36,622,357 32,005,000	244,560 244,436 244,336 244,206 244,077 243,947 243,817 243,688 2,142,622 2,140,360 2,141,114	732,115 729,715 732,065 739,065 735,765 732,265 738,465 738,433 728,100	242,475 242,388 242,300 242,213 242,1100 241,988 241,875 241,763 2,576,650 2,579,000 2,574,125 2,577,875 12,244,750 9,740,000 0.00%	2018 341,578 341,453 341,328 341,203 341,053 340,903 340,753 340,653 340,453 1,300,803 1,305,153 1,300,803 1,302,476 1,302,476 1,302,476 1,302,476 1,302,470 1,31,130 9,985,000 0.00%	1,395,000 1,394,800 1,394,600 1,394,400 1,394,000 1,393,800 1,393,800 1,393,800 1,393,200 1,393,000 5,132,800 5,132,800 5,132,800 5,132,600 5,135,000 5,136,400 5,136,400 5,136,400 5,136,000 57,969,200	2020 2,383,787 4,621,103 242,034 244,378 241,799 243,909 1,941,429 1,943,773 1,945,367 1,941,522 1,941,710 17,931,908	2009 (1) 977,525 951,007 810,169 898,878 898,946 893,394 675,768 5,176,030 11,281,717 9,300,000 33.92%	Effort 24,722,499 26,184,554 26,223,331 25,549,981 25,548,012 25,547,625 25,841,958 24,556,232 23,933,520 16,261,193 6,436,340 6,433,580 6,432,800 6,437,475 6,439,150 6,437,475 6,439,150 6,437,625 6,437,700 5,304,000 336,433,673
Ended 6/30/2021 6/30/2022 6/30/2023 6/30/2024 6/30/2025 6/30/2025 6/30/2026 6/30/2029 6/30/2030 6/30/2030 6/30/2033 6/30/2033 6/30/2033 6/30/2035 6/30/2036 6/30/2036 6/30/2039 6/30/2037 6/30/2038	2012 570,367 570,367 574,894 574,758 574,622 574,487 574,351 4,145,801 4,147,159 4,145,258 4,149,151 4,144,986 24,746,203 21,000,000 34,37% Temporary	2012 7,741,319 7,707,861 15,449,179 14,980,000 9,94% Permanent	760,759 760,759 0 41.34% Estimated	2014 489,763 489,763 489,763 489,763 494,763 494,575 494,388 2,499,200 2,753,800 2,755,000 2,757,400 2,762,625	2014 2,301,548 2,346,084 15,318,422 8,938,727 28,904,781 25,585,000 9,63% Permanent	2014 2.443,039 2.444,175 2.445,014 2.445,557 7.741,951 7.781,438 19,922,843 8.629,413 8.629,710 8.632,770 71,115,909 56,170,000 4.66% Permanent	2015 706,863 706,636 1,413,498 770,000 33.18% Permanent	2016 2,193,653 2,196,685 2,190,389 2,188,989 8,769,716 8,335,000 24,41% Permanent	1,198,149 1,198,084 1,198,020 6,807,844 12,638,737 12,606,721 974,802 36,622,357 32,005,000 16.09% Permanent	244,560 244,436 244,336 244,206 244,077 243,947 243,818 2,142,622 2,140,360 2,141,114 10,520,379 8,485,000 20.79% Temporary	732,115 729,715 732,065 739,065 735,765 732,265 738,465 733,833 728,100	242,475 242,388 242,300 242,213 242,1100 241,988 241,875 241,763 2,576,650 2,579,000 2,574,125 2,577,875 12,244,750 9,740,000 0.00% Estimated	2018 341,578 341,453 341,453 341,203 341,053 340,903 340,753 340,603 340,453 340,303 1,305,153 1,300,780 1,302,750 1,301,620 1,304,100 15,131,130 9,985,000 0,00% Estimated	1,395,000 1,394,800 1,394,600 1,394,400 1,394,200 1,393,800 1,393,600 1,393,300 1,393,200 5,132,600 5,132,600 5,132,600 5,136,400 5,136,000	2020 2,383,787 4,621,103 242,034 244,378 241,799 243,909 241,096 1,941,429 1,943,731 1,945,367 1,941,522 1,941,710 17,931,908 16,800,000 22,60% Estimated	2009 11 977,525 951,007 810,169 898,878 898,946 893,394 675,768 5,176,030 11,281,717 9,300,000 33,92% Temporary	Effort 24,722,499 26,184,554 26,223,331 25,549,981 25,548,012 25,547,625 25,841,958 24,556,232 23,933,520 16,261,193 6,436,340 6,433,580 6,432,800 6,437,475 6,439,150 6,437,475 6,439,150 6,437,625 6,437,700 5,304,000 336,433,673
Ended 6/30/2021 6/30/2022 6/30/2023 6/30/2024 6/30/2025 6/30/2025 6/30/2026 6/30/2026 6/30/2030 6/30/2030 6/30/2033 6/30/2033 6/30/2034 6/30/2036 6/30/2036 6/30/2036 6/30/2036 6/30/2037 6/30/2038 6/30/2038 6/30/2039	2012 570,367 570,367 574,894 574,758 574,622 574,487 574,351 4,145,258 4,145,258 4,149,151 4,144,986 24,746,203 21,000,000 34,37% Temporary 27,54%	2012 7,741,319 7,707,861 15,449,179 14,980,000 9,94% Non-callable	760,759 760,759 0 41.34% Estimated 27.54%	2014 489,763 489,763 489,763 494,763 494,575 494,388 2,499,200 2,755,000 2,757,400 2,762,625 16,970,800 12,000,000 0.00% Estimated 27.54% 5/15/2024	20,301,548 2,346,084 15,318,422 8,938,727 28,904,781 25,585,000 9,63% Permanent 27,54% Non-callable	2014 2,443,039 2,444,175 2,445,014 2,445,557 7,741,951 7,781,438 19,922,843 8,629,413 8,629,710 8,632,770 71,115,909 56,170,000 4,66% 11/15/2024	2015 706,863 706,636 1,413,498 770,000 33.18% Permanent 27,54%	2016 2,193,653 2,196,685 2,190,389 2,188,989 2,188,989 2,148,989 2,441% 8,335,000 24,41% Permanent 27,54%	1,198,149 1,198,084 1,198,020 6,807,844 12,638,737 12,606,721 974,802 36,622,357 32,005,000 16,09% Permanent 27,54%	244,560 244,465 244,306 244,206 244,077 243,947 243,818 2,142,622 2,140,360 2,141,114 10,520,379 8,485,000 20,79% Temporary 27,54%	732,115 729,715 732,065 739,066 738,765 732,265 738,465 733,833 728,100	242,475 242,388 242,300 242,213 242,100 241,988 241,875 241,763 2,576,650 2,579,000 2,574,125 2,577,875 12,244,750 9,740,000 0.00% Estimated 27.54%	2018 341,578 341,453 341,428 341,203 341,053 340,903 340,753 340,603 340,453 340,303 1,305,153 1,300,083 1,303,740 1,300,800 1,302,475 1,301,625 1,304,100 15,131,130 9,985,000 0.00%	1,395,000 1,394,800 1,394,800 1,394,400 1,394,200 1,393,600 1,393,600 1,393,200 1,393,200 5,132,600 5,132,600 5,132,600 5,132,600 5,132,600 5,136,400 5,136,400 5,136,400 5,136,000 5,136,000 5,136,000 5,136,000 5,136,000 5,136,000 5,136,000 5,136,000 5,136,000 5,136,000 5,136,000 5,136,000 5,136,000 5,136,000 5,136,000 5,136,000 5,136,000 5,136,000 5,136,000	2020 2,383,787 4,621,103 242,034 244,378 241,799 243,909 241,096 1,941,429 1,943,773 1,945,367 1,941,522 1,941,710 17,931,908 16,800,000 22,60% Estimated 27,54% 9/15/2027	2009 11 977,525 951,007 810,169 898,878 898,946 893,394 675,768 5,176,030 11,281,717 9,300,000 33.92% Temporary 27.54%	Effort 24,722,499 26,184,584 26,223,331 25,549,981 25,549,981 25,548,012 25,547,625 25,841,958 24,656,232 24,933,520 16,260,710 16,261,193 6,436,340 6,433,880 6,432,800 6,437,475 6,439,150 6,437,475 6,439,150 6,437,625 6,437,700 5,304,000 336,433,673
Ended 6/30/2021 6/30/2022 6/30/2022 6/30/2025 6/30/2026 6/30/2026 6/30/2026 6/30/2029 6/30/2030 6/30/2030 6/30/2033 6/30/2033 6/30/2033 6/30/2036 6/30/2039 6/30/2039 6/30/2039 6/30/2038 6/30/2040 **TOTAL* Principal ^[2] : PE%: PE% Status: CARF%: CAII Date:	2012 570,367 570,367 574,894 574,758 574,622 574,487 574,351 4,145,258 4,145,258 4,149,151 4,144,986 24,746,203 21,000,000 34,37% Temporary 27,54%	2012 7,741,319 7,707,861 15,449,179 14,980,000 9,94% Permanent 27,54% Non-callable	760,759 760,759 0 41.34% Estimated 27.54%	2014 489,763 489,763 489,763 489,763 494,763 494,575 494,388 2,499,200 2,753,800 2,755,000 2,757,400 2,762,625 16,970,800 12,000,000 0.00% Estimated 27,54% 5/15/2024	20,301,548 2,346,084 15,318,422 8,938,727 28,904,781 25,585,000 9,63% Permanent 27,54% Non-callable	2014 2,443,039 2,444,175 2,445,014 2,445,557 7,741,951 7,781,438 19,922,843 8,629,413 8,629,770 71,115,909 71,115,909 56,170,000 4,66% Permanent 27,54% 11/15/2024	2015 706,863 706,636 1,413,498 770,000 33.18% Permanent 27,54%	2016 2,193,653 2,196,685 2,190,389 2,188,989 8,769,716 8,335,000 24,41% Permanent 27,54% Non-callable	1,198,149 1,198,084 1,198,020 6,807,844 12,638,737 12,606,721 974,802 36,622,357 32,005,000 16.09% Permanent 27,54% 8/15/2024	244,560 244,465 244,306 244,206 244,077 243,947 243,818 2,142,622 2,140,360 2,141,114 10,520,379 8,485,000 20,79% Temporary 27,54%	732,115 729,715 732,065 739,066 738,765 732,265 738,465 733,833 728,100	242,475 242,388 242,300 242,213 242,100 241,988 241,875 241,763 2,576,650 2,579,000 2,574,125 2,577,875 12,244,750 9,740,000 0.00% Estimated 27.54%	2018 341,578 341,453 341,428 341,203 341,053 340,903 340,753 340,603 340,453 340,303 1,305,153 1,300,083 1,303,740 1,300,800 1,302,475 1,301,625 1,304,100 15,131,130 9,985,000 0.00%	1,395,000 1,394,800 1,394,800 1,394,400 1,394,200 1,393,600 1,393,600 1,393,200 1,393,200 5,132,600 5,132,600 5,132,600 5,132,600 5,132,600 5,136,400 5,136,400 5,136,400 5,136,000 5,136,000 5,136,000 5,136,000 5,136,000 5,136,000 5,136,000 5,136,000 5,136,000 5,136,000 5,136,000 5,136,000 5,136,000 5,136,000 5,136,000 5,136,000 5,136,000 5,136,000 5,136,000	2020 2,383,787 4,621,103 242,034 244,378 241,799 243,309 241,096 1,941,429 1,943,773 1,945,367 1,941,522 1,941,710 17,931,908 16,800,000 22,60% Estimated 27,54%	2009 11 977,525 951,007 810,169 898,878 898,946 893,394 675,768 5,176,030 11,281,717 9,300,000 33.92% Temporary 27.54%	Effort 24,722,499 26,184,584 26,223,331 25,549,981 25,549,981 25,548,012 25,547,625 25,841,958 24,656,232 24,933,520 16,260,710 16,261,193 6,436,340 6,433,880 6,432,800 6,437,475 6,439,150 6,437,475 6,439,150 6,437,625 6,437,700 5,304,000 336,433,673

 $^{^{[1]}}$ Issued through the Emmaus Bond Pool where PFM is the Program Administrator. For these purposes, assumes 4.500% variable rate $^{[2]}$ Outstanding as of February 17, 2021

WEST CHESTER AREA SCHOOL DISTRICT

Summary of Estimated Construction Draws & Timing Options

1	2	3	4	5	6	7	8	9	10	11	12
	Uses			Option 1			Option 2			Option 3	
		Construction	Beginning	New Bonds	Ending	Beginning	New Bonds	Ending	Beginning	New Bonds	Ending
Month	Date	Draws ^[1]	Balance ^[1]	Proceeds	Balance	Balance ^[1]	Proceeds	Balance	Balance [1]	Proceeds	Balance
1	February 2021	(1,779,554)	13,133,111		11,353,557	13,133,111		11,353,557	13,133,111		11,353,557
2	March 2021	(1,775,605)	11,353,557		9,577,952	11,353,557		9,577,952	11,353,557		9,577,952
3	April 2021	(1,975,605)	9,577,952		7,602,347	9,577,952		7,602,347	9,577,952		7,602,347
4	May 2021	(2,600,565)	7,602,347	10,000,000	15,001,782	7,602,347	25,000,000	30,001,782	7,602,347	35,000,000	40,001,782
5	June 2021	(2,766,035)	15,001,782		12,235,746	30,001,782		27,235,746	40,001,782		37,235,746
6	July 2021	(1,666,602)	12,235,746		10,569,144	27,235,746		25,569,144	37,235,746		35,569,144
7	August 2021	(1,699,641)	10,569,144		8,869,503	25,569,144		23,869,503	35,569,144		33,869,503
8	September 2021	(1,166,602)	8,869,503		7,702,901	23,869,503		22,702,901	33,869,503		32,702,901
9	October 2021	(1,166,674)	7,702,901		6,536,227	22,702,901		21,536,227	32,702,901		31,536,227
10	November 2021	(988,802)	6,536,227		5,547,424	21,536,227		20,547,424	31,536,227		30,547,424
11	December 2021	(988,802)	5,547,424		4,558,622	20,547,424		19,558,622	30,547,424		29,558,622
12	January 2022	(1,088,802)	4,558,622		3,469,820	19,558,622		18,469,820	29,558,622		28,469,820
13	February 2022	(1,089,365)	3,469,820		2,380,455	18,469,820		17,380,455	28,469,820		27,380,455
14	March 2022	(861,102)	2,380,455		1,519,353	17,380,455		16,519,353	27,380,455		26,519,353
15	April 2022	(861,102)	1,519,353		658,250	16,519,353		15,658,250	26,519,353		25,658,250
16	May 2022	(861,102)	658,250	25,000,000	24,797,148	15,658,250		14,797,148	25,658,250		24,797,148
17	June 2022	(985,822)	24,797,148		23,811,327	14,797,148		13,811,327	24,797,148		23,811,327
18	July 2022	(1,020,513)	23,811,327		22,790,814	13,811,327		12,790,814	23,811,327		22,790,814
19	August 2022	(1,020,513)	22,790,814		21,770,301	12,790,814		11,770,301	22,790,814		21,770,301
20	September 2022	(1,020,513)	21,770,301		20,749,788	11,770,301		10,749,788	21,770,301		20,749,788
21	October 2022	(1,020,513)	20,749,788		19,729,276	10,749,788		9,729,276	20,749,788		19,729,276
22	November 2022	(1,020,513)	19,729,276		18,708,763	9,729,276		8,708,763	19,729,276		18,708,763
23	December 2022	(1,020,513)	18,708,763		17,688,250	8,708,763		7,688,250	18,708,763		17,688,250
24	January 2023	(1,020,513)	17,688,250		16,667,738	7,688,250		6,667,738	17,688,250		16,667,738
25	February 2023	(1,020,513)	16,667,738		15,647,225	6,667,738		5,647,225	16,667,738		15,647,225
26	March 2023	(1,020,513)	15,647,225		14,626,712	5,647,225		4,626,712	15,647,225		14,626,712
27	April 2023	(1,020,513)	14,626,712		13,606,200	4,626,712		3,606,200	14,626,712		13,606,200
28	May 2023	(1,020,513)	13,606,200		12,585,687	3,606,200		2,585,687	13,606,200		12,585,687
29	June 2023	(1,020,520)	12,585,687		11,565,167	2,585,687		1,565,167	12,585,687		11,565,167
30	July 2023	(1,130,760)	11,565,167		10,434,407	1,565,167	10,000,000	10,434,407	11,565,167		10,434,407
31	August 2023	(1,130,760)	10,434,407		9,303,647	10,434,407		9,303,647	10,434,407		9,303,647
32	September 2023	(1,130,760)	9,303,647		8,172,887	9,303,647		8,172,887	9,303,647		8,172,887
33	October 2023	(1,130,760)	8,172,887		7,042,127	8,172,887		7,042,127	8,172,887		7,042,127
34	November 2023	(1,130,760)	7,042,127		5,911,367	7,042,127		5,911,367	7,042,127		5,911,367
35	December 2023	(1,130,760)	5,911,367		4,780,607	5,911,367		4,780,607	5,911,367		4,780,607
36	January 2024	(1,130,760)	4,780,607		3,649,847	4,780,607		3,649,847	4,780,607		3,649,847
	TOTALS	(44,483,264)		35,000,000		TOTALS	35,000,000		TOTALS	35,000,000	

^[1] Per School District as of February 2021

Summary of Nev	v Money Opti	ons							
•		1	2	3	4	5	6	7	
	Option 1					Option 2		Option	3
		2021 Bonds	2022 Bonds	Total	2021 Bonds	2023 Bonds	Total	2021 Bon	ds
Estimated Bond	l Proceeds	\$10,000,000	\$25,000,000	\$35,000,000	\$25,000,000	\$10,000,000	\$35,000,000	\$35,000,0	00
	Timing	May 2021	May 2022		May 2021	July 2023		May 202	1
Bank Quali	fied Status	BQ	Non-BQ		Non-BQ	BQ		Non-BQ	
	Term	20 Years	19 Years		20 Years	18 Years		20 Year	S
	Structure	Wrap	Wrap		Wrap	Wrap		Wrap	
0	0	40	44	40	40	4.4	45	46	4-
8	9	10 2021 Bonds			13 2021 Bonds			16 2021 Bonds	17 Tota
	= :								
Fiscal	Existing	Estimated	Estimated	Overall	Estimated	Estimated	Overall	Estimated	Overal
Year	Local	Local	Local	Local	Local	Local	Local	Local	Loca

8	9	10	11	12	13	14	15	16	17
		2021 Bonds	2022 Bonds	Total	2021 Bonds	2023 Bonds	Total	2021 Bonds	Total
Fiscal	Existing	Estimated	Estimated	Overall	Estimated	Estimated	Overall	Estimated	Overall
Year	Local	Local	Local	Local	Local	Local	Local	Local	Local
Ending	Effort	Effort [1]	Effort [1]	Effort	Effort [1]	Effort [1]	Effort	Effort [1]	Effort
6/30/2022	26,184,584	367,800		26,552,384	921,400		27,105,984	1,288,000	27,472,584
6/30/2023	26,223,331	367,600	934,200	27,525,131	921,200		27,144,531	1,287,800	27,511,131
6/30/2024	25,549,981	367,400	934,000	26,851,381	921,000	314,167	26,785,148	1,287,600	26,837,581
6/30/2025	25,548,012	367,200	933,800	26,849,012	920,800	375,800	26,844,612	1,287,400	26,835,412
6/30/2026	25,547,625	367,000	933,600	26,848,225	920,600	375,600	26,843,825	1,287,200	26,834,825
6/30/2027	25,841,958	366,800	933,400	27,142,158	920,400	375,400	27,137,758	1,287,000	27,128,958
6/30/2028	25,345,358	366,600	933,200	26,645,158	920,200	375,200	26,640,758	1,286,800	26,632,158
6/30/2029	24,656,232	366,400	933,000	25,955,632	920,000	375,000	25,951,232	1,286,600	25,942,832
6/30/2030	23,933,520	366,200	932,800	25,232,520	919,800	374,800	25,228,120	1,286,400	25,219,920
6/30/2031	16,260,710	1,031,000	2,647,600	19,939,310	2,609,600	1,054,600	19,924,910	3,656,200	19,916,910
6/30/2032	16,261,193	1,029,200	2,648,800	19,939,193	2,611,800	1,057,200	19,930,193	3,656,200	19,917,393
6/30/2033	6,436,340	1,031,400	2,647,200	10,114,940	2,611,200	1,053,600	10,101,140	3,657,400	10,093,740
6/30/2034	6,433,580	1,032,400	2,647,800	10,113,780	2,607,800	1,054,000	10,095,380	3,654,600	10,088,180
6/30/2035	6,432,800	1,032,200	2,645,400	10,110,400	2,611,600	1,053,200	10,097,600	3,657,800	10,090,600
6/30/2036	6,437,475	1,030,800	2,645,000	10,113,275	2,607,200	1,056,200	10,100,875	3,656,600	10,094,075
6/30/2037	6,439,150	1,028,200	2,646,400	10,113,750	2,609,800	1,052,800	10,101,750	3,656,000	10,095,150
6/30/2038	6,437,625	1,029,400	2,649,400	10,116,425	2,609,000	1,053,200	10,099,825	3,655,800	10,093,425
6/30/2039	6,437,700	1,029,200	2,648,800	10,115,700	2,609,800	1,057,200	10,104,700	3,655,800	10,093,500
6/30/2040	5,304,000	1,027,600	2,644,600	8,976,200	2,612,000	1,054,600	8,970,600	3,655,800	8,959,800
6/30/2041		1,029,600	2,646,800	3,676,400	2,610,400	1,055,600	3,666,000	3,655,600	3,655,600
6/30/2042									
6/30/2043									
6/30/2044									
6/30/2045									
TOTAL	311,711,174	14,634,000	36,585,800	362,930,974	36,995,600	14,168,167	362,874,941	51,802,600	363,513,774

 $^{^{\}left[1\right]}$ Estimated based on a conservative estimate of current interest rates as of 2/16/2021



WEST CHESTER AREA SCHOOL DISTRICT Estimated Timeline Series of 2021 Bonds

	February 2021							
S	М	Т	W	Т	F	S		
	1	2	3	4	5	6		
7	8	9	10	11	12	13		
14	15	16	17	18	19	20		
21	22	23	24	25	26	27		
28								

	March 2021							
S	М	Т	W	Т	F	S		
	1	2	3	4	5	6		
7	8	9	10	11	12	13		
14	15	16	17	18	19	20		
21	22	23	24	25	26	27		
28	29	30	31					

	April 2021							
S	М	Т	W	Т	F	S		
				1	2	3		
4	5	6	7	8	9	10		
11	12	13	14	15	16	17		
18	19	20	21	22	23	24		
25	26	27	28	29	30			

	May 2021							
S	М	Т	W	T	F	S		
2	3	4	5	6	7	1/8		
9	10	11	12	13	14	15		
16	17	18	19	20	21	22		
23	24	25	26	27	28	29		
30	31							

Timing	Event
March 15 th (Property & Finance Committee)	Introduction to Property & Finance Committee
March 22 nd (Board Meeting)	Authorization to proceed
Late March	Collect information for Preliminary Official Statement Send information to Moody's
Early April	Moody's rating call
By April 16 th	Receive Moody's rating
April 19 th (Property & Finance Committee)	Update to Property & Finance Committee Finalize 2021 borrowing amount (if necessary)
April 26 th (Board Meeting)	Board adopts Parameters Resolution
Week of April 26 th (Estimated)	Pricing of Bonds (lock-in interest rate)
Week of May 31 st (Estimated)	Settlement of Bonds



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	A	AE	AF	AG	AH	Al	AJ	AK	AL	AM
1		Actual	Budget	Actual	Budget	Projected	Estimated	Estimated	Estimated	Estimated
2		2018-19	2019-20	2019-20	2020-21	2020-21	2021-22	2022-23	2023-24	2024-25
3	Local Market Control of the Control	206,641.9	208,113.5	211,001.1	204,779.1	208,692.8	211,328.8	242,499.0	251,462.7	260,752.9
4	Real Estate	174,152.7	176,656.1	178,219.1	176,963.2	178,805.6	183,297.8	214,088.3	222,666.0	231,564.1
5	Current	173,060.7	175,469.9	177,235.0	176,138.5	177,345.6	182,348.9	213,139.3	221,717.1	230,615.2
6	Interim	1,092.0	1,186.2	984.1	824.7	1,460.0	948.9	948.9	948.9	948.9
7	Earned Income	21,510.4	21,766.9	21,583.6	19,590.3	21,090.3	19,884.1	20,182.4	20,485.1	20,792.4
8	Real Estate Transfer	4,420.7	4,394.5	4,657.3	3,735.4	5,035.4	3,810.1	3,886.3	3,964.0	4,043.3
9	Delinquent Taxes	2,477.2	2,858.8	3,160.2	2,858.8	2,858.8	2,858.8	2,858.8	2,858.8	2,858.8
10	Investment Earnings	2,657.0	1,000.0	2,179.0	500.0	200.0	357.5	362.9	368.3	373.8
11	Gate Receipts	162.8	131.5	161.9	131.5	131.5	131.5	131.5	131.5	131.5
12	Other	1,261.2	1,305.6	1,040.0	1,000.0	571.3	989.0	989.0	989.0	989.0
13		,								
14	State	39,211.0	41,514.4	40,490.8	40,297.6	41,516.5	42,401.5	44,126.4	45,019.8	45,755.7
15	Student Subsidies	19,913.9	20,348.6	20,142.0	18,677.7	19,835.3	19,429.0	20,142.1	20,228.4	20,166.1
16	Basic Instruction	8,421.6	8,421.9	8,810.2	8,421.9	8,810.2	8,421.9	8,421.9	8,421.9	8,421.9
18	Special Education	6,128.9	6,202.9	6,125.2	5,899.1	5,902.7	5,899.1	5,899.1	5,899.1	5,899.1
20	Tuition Private Home Place't	231.1	290.0	173.8	290.0	290.0	290.0	290.0	290.0	290.0
21	Transportation	3,313.9	3,674.1	3,260.1	2,321.8	3,087.6	3,087.6	4,025.9	4,025.9	4,025.9
22	Medical, Dental & Nurse	255.3	250.3	252.5	252.5	252.5	253.9	253.9	253.9	253.9
23	Rent	1,163.8	1,110.3	1,121.1	1,093.2	1,093.2	1,077.5	852.2	938.5	876.3
25	Accountability/Ready to Learn Block Grants	399.1	399.1	399.1	399.1	399.1	399.1	399.1	399.1	399.1
27	Teacher Subsidies	19,243.0	20,765.8	20,100.6	21,619.9	21,579.4	22,972.5	23,984.3	24,791.4	25,589.6
28	Social Security	3,415.4	3,790.4	3,497.6	3,924.7	3,917.4	4,128.7	4,240.4	4,333.0	4,424.0
29	Retirement	15,827.6	16,975.4	16,602.9	17,695.2	17,662.1	18,843.8	19,744.0	20,458.4	21,165.6
30	Other	54.2	400.1	248.3	-	101.8	-	-	-	-
31										
32	Federal	3,668.7	2,967.0	3,616.5	3,411.3	5,159.2	3,548.2	3,048.2	3,048.2	3,048.2
33	Title I	704.5	704.5	598.8	598.8	598.8	587.3	587.3	587.3	587.3
34	Title II	207.9	260.3	267.5	236.9	236.9	246.4	246.4	246.4	246.4
35	IDEA	1,331.4	1,333.4	1,341.0	1,431.5	1,572.1	1,572.1	1,572.1	1,572.1	1,572.1
36	MA Direct Services/Time Study	1,251.2	500.0	1,021.7	1,000.0	1,000.0	1,000.0	500.0	500.0	500.0
37	Other	173.8	168.9	387.6	144.1	144.1	142.4	142.4	142.4	142.4
38	COVID Related Grants	-		-	-	1,607.4	-	-	-	-
39										
40	Local Taxes & Subsidies	249,521.6	252,595.0	255,108.4	248,488.0	255,368.6	257,278.5	289,673.6	299,530.7	309,556.8
41										
42	Beginning Fund Balance	31,906.4	31,816.7	38,868.8	48,250.9	55,455.5	43,780.1	22,468.6	22,468.6	22,468.6
43	FB Adjustment									
44	Ending Fund Balance	38,868.8	22,602.2	55,455.5	26,923.3	43,780.1	22,468.6	22,468.6	22,468.6	22,468.6
45										
Г	Designated/Committed Fund Balance for PSERS									
46	Increases (ending FB)	-				-	-	-	-	-
	Designated/Committed Fund Balance for Health									
47	Care (ending FB)	4,159.9	4,159.9	4,159.9	4,159.9	4,159.9	4,159.9	4,159.9	4,159.9	4,159.9
	Designated/Committed Fund Balance for Future									
48	millage	13,945.5	-	29,486.8	-	16,811.5	-	-	-	-
	Designated/Committed Fund Balance for									
49	Alternative Education	1,000.0	676.0	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0
	Designated/Committed Fund Balance for							-		, , , , , , , , , , , , , , , , , , ,
50	Enrollment Growth	2,500.0	2,000.0	3,500.0	4,500.0	4,500.0	-	-	-	-
	Designated/Committed Fund Balance for Athletic									
_	Fund	83.6	69.8	128.9	83.6	128.9	128.9	128.9	128.9	128.9
52	Beginning Unassigned Fund Balance	15,696.6	15,196.6	15,696.6	15,696.6	17,179.8	17,179.8	17,179.8	17,179.8	17,179.8
53	Ending Unassigned Fund Balance	17,179.8	15,696.6	17,179.8	17,179.8	17,179.8	17,179.8	17,179.8	17,179.8	17,179.8
54					THE PARTY OF THE P			, , , , , , , , , , , , , , , , , , , ,	,,,,	
54										

West Chester Area School District Forecast Millage Calculation

	A B C	D E	F	G H	T	J
1						
2		2020-21	2021-22	2022-23	2023-24	2024-25
3		Budget	Budget	Forecast	Forecast	Forecast
4	Market Values					
5	Chester County	13,366,030	13,526,032	13,526,032		13,526,032
7	Delaware County	841,146	840,051	840,05		840,051
8		14,207,176	14,366,084	14,366,084	14,366,084	14,366,084
9						
10	Net amount to be raised from R/E taxes	176,014	182,349	213,139	221,717	230,615
11	Gross tax to be levied	182,398	188,963	220,870		238,979
12	Siede tax to be levida	702,000	,,,,,,,	220,07		200,070
13	Equilization Between Counties					
14	Chester County %	94.08%	94.15%	94.159	% 94.15%	94.15%
15	Delaware County %	5.92%	5.85%	5.859		5.85%
16	,					
17	Chester Cnty Levy	171,599	177,913	207,954	216,324	225,005
18	Delaware Cnty Levy	10,799	11,050	12,915	13,435	13,974
19		182,398	188,963	220,870	229,759	238,979
20						
21	Millage Calculation					
22	Chester Cnty tax levy	171,599	177,913	207,954	and the second second second second	225,005
23	Chester Cnty assessed value	7,921,563	7,921,563	7,961,563	8,001,563	8,041,563
24						
25	Chester County Millage	21.6622	22.4593	26.1198		27.9802
26	Previous Year Millage	21.6622	21.6622	22.459	<u>26.1198</u>	27.0351
27						
28	Chester Cnty Mill Increase	0.00	0.80	3.66		0.95
29	% increase	0.0%	3.7%	16.39	6 3.5%	3.5%
30	Delaware Cnty Tax levy	10,799	11,050	12,915	13,435	13,974
31	Delaware City Tax levy Delaware City Assessed Value	648,096	648,596	649,096	Carlotte Committee Committ	650,096
32	Delaware only Assessed Value	040,030			049,390	030,090
33	Delaware County Millage	16.6626	17.0360	19.8973	20,6821	21.4956
34	Previous Yr Millage	16.2597	16.6626	17.036		20.6821
35	3					
36	Delaware Cnty Mill Increase	0.40	0.37	2.86	0.78	0.81
37	% increase	2.5%	2.2%	16.89		3.9%
38						
39	Multi County Millage re-balancing					
40	Chester Cty Levy Rebalanced	171,732				
41	Delaware Cty Levy Rebalanced	10,666				- 1
42		182,397				
43		162,397				
44	Chester County Millage	21.6622	22.4593			
45	Chester County Millage Re-balanced	21.6790	22.7333			
46	Chester Cnty Mill Increase	21.0730	0.80			
47	% increase		3.60%			
48	Act 1 Millage		22.3293			
49	Millage from exceptions		0.1300			
50						
51						
52	Delaware County Millage	16.6626	17.0360			
53	Delaware County Millage Re-balanced	16.4568				
54	Delaware Cnty Mill Increase		0.58			
55	% increase		3.52%			
56	Act 1 Millage		17.0360			
57	Millage from exceptions		-			
	-					

West Chester Area School District Analysis and Forecast of Taxable Real Estate

	CHESTER COUNTY			DELAWARE COUNTY		
		+/-	+/-		+/-	+/-
	MILL VAL	AMOUNT	PERCENT	MILL VAL	AMOUNT	PERCENT
2010-11	\$7,629,110	(\$32,300)	-0.4%	\$637,594	(\$8,839)	-1.4%
2011-12	\$7,623,696	(\$5,414)	-0.1%	\$636,866	(\$729)	-0.1%
2012-13	\$7,631,886	\$8,190	0.1%	\$637,926	\$1,061	0.2%
2013-14	\$7,633,607	\$1,721	0.0%	\$637,639	(\$287)	0.0%
2014-15	\$7,646,298	\$12,691	0.2%	\$642,425	\$4,786	0.7%
2015-16	\$7,698,441	\$52,143	0.7%	\$647,335	\$4,910	0.8%
2016-17	\$7,728,556	\$30,115	0.4%	\$647,399	\$64	0.0%
2017-18	\$7,823,487	\$94,931	1.2%	\$647,287	(\$112)	0.0%
2018-19	\$7,842,035	\$113,480	1.4%	648,116	\$717	0.1%
2019-20	\$7,921,563	\$98,076	1.2%	648,096	\$809	0.1%
10 YEAR AVER	AGE	\$37,363	0.5%		\$238	0.0%
5 YEAR AVERA	AGE	\$77,749	1.0%		\$1,278	0.2%
3 YEAR AVERA	AGE	\$102,162	1.3%		\$471	0.1%

3 YEAR AVERAGE	\$102,162	1.3%			\$471	0.1%	
	CHESTER COUNTY				DELAWARE COL	UNTY	
COMMERCIAL		+/-	+/-	COMMERCIAL		+/-	+/-
OCIVILITOIAL	MILL VAL	AMOUNT	PERCENT	COMMERCIAL	MILL VAL	AMOUNT	PERCEN
2015-16	1,513,147	1,498	0.10%	2015-16	8,533	AIVIOUNT	0.00
2016-17	1,528,020	14,873	0.97%	1	8,533		0.00
2017-18	1,539,233	11,213	0.73%		8,009		-6.55
2018-19	1,531,640		-0.50%	1	8,009	(525)	0.00
		(7,593)		I		-	
2019-20 2020-21	1,565,346 1,565,346	33,706	2.15%		8,009		0.0
2021-22	1,565,346	-	0.00%	1	8,009	-	0.0
2022-23	1,595,346	30,000	1.88%	2021-22	8,009	-	0.0
2022-23	1,625,346	30,000	1.85%	2022-23	8,009	-	0.0
2023-24	1,655,346	30,000	1.81%	2023-24	8,009	-	0.0
2024-25				2024-25	8,009		
	Average incre	ease	0.79%		Average increa	se	-0.6
RESIDENTIAL		+/-	+/-	RESIDENTIAL		+/-	+/-
	MILL VAL	AMOUNT	PERCENT		MILL VAL	AMOUNT	PERCEN
2015-16	6,137,752	52,423	0.85%	2015-16	638,801	4,910	0.77
2016-17	6,155,529	17,777	0.29%	2016-17	638,866	64	0.0
2017-18	6,236,907	81,378	1.30%	2017-18	639,278	413	0.0
2018-19	6,263,481	26,574	0.42%	2018-19	640,107	829	0.13
2019-20	6,308,846	45,366	0.72%	2019-20	640,087	(20)	0.00
2020-21	6,308,846	-	0.00%	2020-21	640,087		0.00
2021-22	6,308,846	-	0.00%	2021-22	640,587	500	0.0
2022-23	6,318,846	10,000	0.16%	2022-23	641,087	500	0.08
2023-24	6,328,846	10,000	0.16%	2023-24	641,587	500	0.08
2024-25	6,338,846	10,000	0.16%	2024-25	642,087	500	0.08
	Average incre	ease	0.40%		Average increas	se	0.19
OTHER		+/-	+/-	OTHER		+/-	+/-
	MILL VAL	AMOUNT	PERCENT		MILL VAL	AMOUNT	PERCEN
2015-16	47,541	(1,778)	-3.74%	2015-16	-	-	0.00
2016-17	45,006	(2,535)	-5.63%	2016-17	-	-	0.00
2017-18	47,347	2,341	4.94%	2017-18	-		0.00
2018-19	46,915	(432)	-0.92%	2018-19	-		0.00
2019-20	47,371	456	0.96%	2019-20	-		0.00
2020-21	47,371	-	0.00%	2020-21	-	-	0.00
2021-22	47,371	-	0.00%	2021-22		-	0.00
2022-23	47,371	-	0.00%	2022-23	_		0.00
2023-24	47,371	_	0.00%	2023-24	-		0.00
2024-25	47,371	_	0.00%	2024-25	_		0.00
	Average incre	ase	-0.66%		Average increas	se	0.00
TOTAL		+/-	+/-	TOTAL		+/-	+/-
TOTAL	MILL VAL	AMOUNT	PERCENT	TOTAL	MILL VAL		
2015-16	7,698,441		0.68%	2015-16	MILL VAL	AMOUNT	PERCEN'
2016-17		52,143 20,145			647,335	4,910	0.76
2017-18	7,728,556	30,115	0.39% 1.21%	2016-17	647,399	64	0.01
	7,823,487	94,931		2017-18	647,287	(112)	-0.02
2018-19	7,842,035	18,548	0.24%	2018-19	648,116	829	0.13
2019-20	7,921,563	79,528	1.00%	2019-20	648,096	(20)	0.00
2020-21	7,921,563	•	0.00%	2020-21	648,096	-	0.00
2021-22	7,921,563	40.000	0.00%	2021-22	648,596	500	0.08
2022-23	7,961,563	40,000	0.50%	2022-23	649,096	500	0.08
2023-24	8,001,563	40,000	0.50%	2023-24	649,596	500	0.08
2024-25	8,041,563	40,000	0.50%	2024-25	650,096	500	0.08
	Average incre		0.47%		Average increas		0.18

West Chester Area School District Budget Forecast Model 2020-21 Projection Changes March 2021

<u>Expenses</u>	
Transportation Expense	\$ (1,000,000)
Total Expenses	\$ (1,000,000)

Revenues	
Interim Real Estate	\$ 635,281
Earned Income Tax	\$ 200,000
Transfer Tax	\$ 250,000
Investment Earnings	\$ (150,000)
Transportation Subsidy	\$ 765,767
Total Revenues	\$ 1,701,048

Fund Balance Analysis	
Increase in Fund Balance Designation for Future Millage Increases	\$ 2,701,048
Increase (Decrease) in Ending Fund Balance 6/30/21	\$ 2,701,048

West Chester Area School District Budget Forecast Model 2021-22 Projection Changes March 2021

<u>Expenses</u>	
Salaries	\$ (383,754)
Benefits - SS&PSERS	\$ (163,479)
Benefits- Healthcare	\$ (147,743)
Transportation Expenses	\$ (35,000)
Total Expenses	\$ (729,976)

Revenues	
Investment Earnings	\$ (150,000)
Transportation Subsidy	\$ (172,506)
Subsidies - SS&PSERS	\$ (81,740)
Total Revenues	\$ (404,246)

	Budget Gap	
Change in Budget Gap		\$ (325,730)

Fund Balance Analysis		
Increase in Fund Balance Designation for Future Millage Increases 2021-22 Use of Designation for Future Millage Increases	\$ \$	2,701,048 (2,701,048)
Increase (Decrease) in Ending Fund Balance 6/30/21	\$	-

West Chester Area School District Budget Forecast Model 2020-21 Projection Changes February 2021

<u>Expenses</u>		
Contracted Special Ed	\$	(250,000)
Alt Ed- IU	\$	400,000
Alt Ed- APT	\$	(600,000)
Charter Schools	\$	(150,000)
CCIU Federal Grant:		
Salaries	\$	143,894
Benefits	\$	60,596
Supplies	\$	663,428
	No. of the Control of	
Total Expenses	\$	267,918

Reven	ues	
Current Real Estate	\$	1,000,000
Transfer Tax	\$	350,000
Interest Income	\$	(150,000)
Other Local Revenue	\$	(141,254)
State Rental Subsidy	\$	66,029
CCIU Federal Grant	\$	867,918
Total Revenues	\$	1,992,693

Fund Balance Analysis	
Increase in Fund Balance Designation for Future Millage Increases	\$ 1,724,775
Increase (Decrease) in Ending Fund Balance 6/30/21	\$ 1,724,775

\$

West Chester Area School District Budget Forecast Model 2021-22 Projection Changes February 2021

<u>Expenses</u>	
Charter Schools	\$ (400,000)
Total Expenses	\$ (400,000)
<u>Revenues</u>	
Total Revenues	\$ -
Budget Gap	
Change in Budget Gap	\$ (400,000)
Fund Balance Analysis	
Increase in Fund Balance Designation for Future Millage Increases	\$ 1,724,775
2021-22 Use of Designation for Future Millage Increases	\$ (1,724,775)

Increase (Decrease) in Ending Fund Balance 6/30/21

West Chester Area School District Budget Forecast Model 2020-21 Projection Changes January 2021

Expe	nses	
Salaries- Aides	\$	(150,000)
Salaries- Custodial	\$	(250,000)
Total Expenses	\$	(400,000)

<u>Revenues</u>	
Current Real Estate	\$ 207,142
Earned Income Tax	\$ 300,000
Transfer Tax	\$ 300,000
IDEA Revenue	\$ 140,551
Total Revenues	\$ 947,693

Fund Balance Analysis	
Increase in Fund Balance Designation for Future Millage Increases	\$ 1,347,693
Increase (Decrease) in Ending Fund Balance 6/30/21	\$ 1,347,693

\$

West Chester Area School District Budget Forecast Model 2021-22 Projection Changes January 2021

<u>Expenses</u>		
Transfer to Other Funds	\$	(146,924)
Total Expenses	\$	(146,924)
Revenues		
Total Revenues	\$	
Budget Gap	*	
Change in Budget Gap	\$	(146,924)
Fund Balance Analysis		
Increase in Fund Balance Designation for Future Millage Increases	\$	1,347,693
2021-22 Use of Designation for Future Millage Increases	\$	(1,347,693)

Increase (Decrease) in Ending Fund Balance 6/30/21

West Chester Area School District Budget Forecast Model 2020-21 Projection Changes December 2020

<u>Expenses</u>		
Professional & Tech Svcs	\$	(300,000)
Variable Rate Debt	\$	(50,000)
Total Expenses	\$\$	(350,000)

Revenues	
Earned Income Tax	\$ 500,000
Transfer Tax	\$ 150,000
Total Revenues	\$ 650,000

Fund Balance Analysis	
Increase in Fund Balance Designation for Future Millage Increases	\$ 1,000,000
Increase (Decrease) in Ending Fund Balance 6/30/21	\$ 1,000,000

West Chester Area School District Budget Forecast Model 2021-22 Projection Changes December 2020

<u>Expenses</u>	
Changes Resulting From Budget Submissions:	
Salaries	\$ 131,320
Benefits- SS & PSERS	\$ (143,553)
Prof & Tech Svcs	\$ (850,365)
Purchased Prop. Svcs	\$ (43,462)
Other Svcs	\$ (595,500)
Supplies	\$ (1,066,635)
Other Objects	\$ (43,870)
Property	\$ (56,661)
Total Expenses	\$ (2,668,726)

<u>Revenues</u>	
Current Real Estate- Reduction in Assessed Values Based on Pending Appeals	\$ (861,911)
Changes Resulting From Budget Submissions:	
Local Revenues	\$ (11,000)
State Revenues	\$ (70,391)
Federal Revenues	\$ 136,878
Total Revenues	\$ (806,424)

Budget Gap	
Change in Budget Gap	\$ (1,862,302)

Fund Balance Analysis		
Increase in Fund Balance Designation for Future Millage Increases 2021-22 Use of Designation for Future Millage Increases	\$ \$	1,000,000 (1,000,000)
Increase (Decrease) in Ending Fund Balance 6/30/21	\$	-

West Chester Area School District Budget Forecast Model 2020-21 Projection Changes November 2020

<u>Expenses</u>	
Professional & Tech Svcs	\$ (500,000)
Variable Rate Debt	\$ (50,000)
Total Expenses	\$ (550,000)

Reven	<u>ues</u>	
Earned Income Tax	\$	500,000
Transfer Tax	\$	250,000
Other Local Revenue	\$	(287,478)
Basic Ed Funding	\$	388,331
Special Ed Funding	\$	3,561
Total Revenues	\$	854,414

Fund Balance Analysis	
Increase in Fund Balance Designation for Future Millage Increases	\$ 1,404,414
Increase (Decrease) in Ending Fund Balance 6/30/21	\$ 1,404,414

West Chester Area School District Budget Forecast Model 2021-22 Projection Changes November 2020

<u>Expenses</u>		
Salaries- Staffing Cost Out Salaries- Headcount Changes	\$ \$	(147,419) 654,712
Benefits	\$	(755,229)
Contracted Services	\$	(960,929)
Tuition- Charter Schools Tuition- CAT	\$ \$	(750,000) (201,429)
Total Expenses	\$	(2,160,294)

Revenues	
State Subsidy- SS & PSERS MA Revenue	\$ 99,865 500,000
Total Revenues	\$ 599,865

	Budget Gap	
Change in Budget Gap		\$ (2,760,159)

Fund Balance Analysis		
Increase in Fund Balance Designation for Future Millage Increases 2021-22 Use of Designation for Future Millage Increases	\$ \$	1,404,414 (1,404,414)
Increase (Decrease) in Ending Fund Balance 6/30/21	\$	_

West Chester Area School District Budget Forecast Model 2020-21 Projection Changes October 2020

<u>Expenses</u>	
Change in Average Teacher Salary	
Budgeted teacher salary	\$ 74,851
Actual teacher salary	\$ 73,927
Decreased avg. teacher salary	\$ (925)
Number of teachers	980.40
Increase in teacher attrition	\$ (906,598)
Benefits- SS & PSERS	\$ (382,222)
Staffing Changes	
Admin- 2 FTE	\$ 141,583
Teacher- 7.75 FTE	\$ 572,931
Benefits- SS & PSERS	\$ 301,238
Supplies- Carryover forfeiture Buildings	\$ (712,162)
Supplies- Carryover forfeiture Departments	\$ (343,669)
Supplies- PPA Adj.	\$ (35,942)
Debt Service	\$ (150,000)
Total Expenses	\$ (1,514,841)

Revenues	
State Subsidy- SS & PSERS	\$ (40,492)
Total Revenues	\$ (40,492)

Fund Balance Analysis		
Decrease in Beginning Fund Balance Designation for Future Millage Increases Increase in Fund Balance Designation for Future Millage Increases	\$ \$	(71,585) 1,474,349
Increase (Decrease) in Ending Fund Balance 6/30/21	\$	1,402,764

West Chester Area School District Budget Forecast Model 2021-22 Projection Changes October 2020

<u>Expenses</u>		
Salaries- Admin Benefits- SS & PSERS	\$ \$	213,000 89,801
Total Expenses	\$	302,801

<u>Revenues</u>	
Current Real Estate- Effect of Act 1 % Increase	\$ 707,793
State Subsidy- SS & PSERS	\$ 44,900
Total Revenues	\$ 752,693

	Budget Gap	
Change in Budget Gap		\$ (449,892)

Fund Balance Analysis		
Increase in Beginning Fund Balance Designation for Future Millage Increases 2021-22 Use of Designation for Future Millage Increases	\$ \$	1,402,764 (1,402,764)
Increase (Decrease) in Ending Fund Balance 6/30/21	\$	-

West Chester Area School District Budget Forecast Model 2019-20 Projection Changes October 2020

<u>Expenses</u>	,	
Salaries	\$	(90,540)
Prof. & Tech Services	\$	143,619
Supplies	\$	18,506
Total Expenses	\$	71,585

	Revenues	
Total Revenues		\$ -

Fund Balance Analysis	
Decrease in Fund Balance Designation for Future Millage Increases	\$ (71,585)
Increase (Decrease) in Ending Fund Balance 6/30/20	\$ (71,585)

West Chester Area School District Budget Forecast Model 2020-21 Projection Changes September 2020

<u>Expenses</u>	
CARES Grant Expenses:	
Salaries	\$ 50,295
Benefits	\$ 21,205
Supplies	\$ 136,919
GEER Special Ed Grant Expenses:	
Prof & Tech Svcs	\$ 101,799
PCCD Federal Grant:	
Supplies	\$ 531,013
Total Expenses	\$ 841,231

Revenues	
State Revenue:	
CARES Grant	\$ 208,419
GEER Special Ed Grant	\$ 101,799
Federal Revenue:	
PCCD Federal Grant	\$ 531,013
Total Revenues	\$ 841,231

Fund Balance Analysis	
Decrease in Beginning Fund Balance Designation for Future Millage Increases	\$ (23,033)
Increase (Decrease) in Ending Fund Balance 6/30/21	\$ (23,033)

West Chester Area School District Budget Forecast Model 2019-20 Projection Changes September 2020

Expenses	
Salaries	\$ 25,550
Benefits	\$ 24,457
Prof. & Tech Services	\$ 62,670
Other Services	\$ (45,566)
Supplies	\$ (12,619)
Other Objects	\$ (403)
Property	\$ (3,687)
Total Expenses	\$ 50,402

Rever	nues	
Local Revenue Federal Revenue	\$ \$	(403) 27,772
Total Revenues	\$	27,369

Fund Balance Analysis	
Decrease in Fund Balance Designation for Future Millage Increases	\$ (23,033)
Increase (Decrease) in Ending Fund Balance 6/30/20	\$ (23,033)

West Chester Area School District Budget Forecast Model 2020-21 Projection Changes August 2020

<u>Expenses</u>		
Debt Service Transfer to Capital Reserve	\$ \$	(1,532,020) 1,465,981
Total Expenses	\$	(66,039)

Revenues	
Rent Subsidy	\$ (66,039)
Total Revenues	\$ (66,039)

Fund Balance Analysis		
Increase in Beginning Fund Balance Designation for Athletic Fund Increase in Beginning Fund Balance Designation for Future Millage Increases	\$ \$	45,327 7,253,813
Increase (Decrease) in Ending Fund Balance 6/30/21	\$	7,299,140

West Chester Area School District Budget Forecast Model 2019-20 Projection Changes August 2020

<u>Expenses</u>	-	
Salaries	\$	(239,963)
Benefits	\$	(2,861,381)
Prof. & Tech Services	\$	(2,185,548)
Purchased Property Services	\$	(298,394)
Other Services	\$	448,218
Supplies	\$	(130,023)
Other Objects	\$	(107,802)
Dues & Fees- Athletics	\$	(14,919)
Property	\$	(140,206)
Debt Service	\$	7,602
Total Expenses	\$	(5,522,416)

Reve	nues	
Local Revenue	\$	2,338,188
State Revenue	\$	(477,130)
Federal Revenue	\$	(84,334)
Total Revenues	\$	1,776,724

Fund Balance Analysis		
Increase in Fund Balance Designation for Athletic Fund	\$	45,327
ncrease in Fund Balance Designation for Future Millage Increases		7,253,813
Increase (Decrease) in Ending Fund Balance 6/30/20	\$	7,299,140

West Chester Area School District Budget Forecast Model Key Expense Assumptions

	Α	В	С	D	E	F	G
		<u> </u>		· · · · · · · · · · · · · · · · · · ·			
5	Staff Changes	/ Student Enrollment					
6					Enrollment As	•	
7	-		2020-21	2021-22	2022-23	2023-24	2024-25
8		KG	808	807	886	860	860
9		1st to 5th Grade	4,417	4,446	4,435	4,471	4,446
10	-	Grades 6-8	2,843	2,788	2,739	2,718	2,826
11		Grades 9-12	3,900	3,860	3,874	3,903	3,861
12		Total	11,968	11,901	11,934	11,952	11,993
13		Student-Teacher Ratio	24.43	24.43	24.43	24.43	24.43
14		tudent-Teacher Ratio	17.5	17.5	17.5	17.5	17.5
	Staff Change /	Student Enrollment	0.00	0.00	0.00	0.00	0.00
26							
27							
28	Salary Increas	es (based on Act 1 Index)			% Increase As		
29		A short in to too !!		2021-22	2022-23	2023-24	2024-25
30		Administration		3.00%	2.60%	2.60%	2.60%
31 32		Teachers		2.85%	2.60%	2.60%	2.60%
33		Non-Bargaining	,	3.00%	2.60%	2.60%	2.60%
34		Support Staff Crafts/Trades		1.75%	5.62%	2.97%	2.60%
35		Crafts/ Frades		3.72%	3.04%	3.90%	2.60%
	Miscellaneous			2021-22	2022-23	2023-24	2024-25
37		Teacher Attrition (vaca	uncios)	750,000			
38		•			750,000	750,000	750,000
39		Teacher Attrition (turno	over)	500,000	500,000	500,000	500,000
40							
41	Benefits - 200				% Increase As	sumptions	
42				2021-22	2022-23	2023-24	2024-25
43		Medical		7.57%	7.57%	7.57%	7.57%
44		Dental		4.30%	4.30%	4.30%	4.30%
45		Vision		2.30%	2.30%	2.30%	2.30%
46		Prescription		10.00%	10.00%	10.00%	10.00%
47		Social Security		7.65%	7.65%	7.65%	7.65%
48		PSERS		34.94%	35.62%	36.12%	36.60%
49		Tuition- Teachers		\$500,000	\$500,000	\$500,000	\$500,000
50		Tuition- Non Teachers		\$100,000	\$100,000	\$100,000	\$100,000
51		Life & Disability		0.00%	0.00%	0.00%	0.00%
52		W/C, Unemp & Other		1.50%	1.50%	1.50%	1.50%
53							
	Monthly Board I		25				
55		Medical		\$1,463.77	\$1,574.58	\$1,693.77	\$1,821.99
56		Dental		\$90.60	\$94.50	\$98.56	\$102.80
57		Vision		\$14.03	\$14.35	\$14.68	\$15.02
58		Prescription	000)	\$352.13	\$387.34	\$426.08	\$468.69
59		Life/AD&D (cost per \$1	,000)	\$0.12	\$0.12	\$0.12	\$0.12
60		Assumes increases in	nalanı ralatad harr	fito proportional to -	olon, inor		
61							

West Chester Area School District Budget Forecast Model Key Expense Assumptions

	А	В	С	D	E	F	G
62							
63			The state of the s				
64	1						
65	Professional a	and Technical Service	s - 300		% Increase A	ssumptions	
66				2021-22	2022-23	2023-24	2024-25
67	1	Special Education Ser	vices	4.00%	4.00%	4.00%	4.00%
68	1	Other categories		3.00%	3.00%	3.00%	3.00%
69					0.0070	0.0070	0.0070
70							
71	Purchased Pr	operty Services - 400			% Increase A	ssumntions	****************
72				2021-22	2022-23	2023-24	2024-25
73		Electricity		3.00%	3.00%	3.00%	3.00%
74		Trash Collection		3.00%	3.00%	3.00%	3.00%
75		Other categories		3.00%	3.00%	3.00%	3.00%
76			***************************************				
77	Other Purchas	sed Services - 500			% Increase A	ssumptions	
78				2021-22	2022-23	2023-24	2024-25
79		Special Ed Tuitions		4.00%	4.00%	4.00%	4.00%
80		Insurances		5.00%	5.00%	5.00%	5.00%
81		Bussing		3.00%	3.00%	3.00%	3.00%
82		Telephone and Postag	e	3.00%	3.00%	3.00%	3.00%
83		Other Categories		3.00%	3.00%	3.00%	3.00%
84		Charter School Enrolln	nent:				
85		Regular Ed		409	421	434	447
86		Special Ed		100	105	110	116
87		Charter School Tuition	Rate:				
88		Regular Ed		\$14,343	\$14,773	\$15,216	\$15,673
89		Special Ed		\$35,381	\$38,919	\$42,811	\$47,092
90		CAT Enrollment:					
91		Full Time		122	128	134	141
92		Academic		22	23	24	25
93		CAT Tuition Rate:					
94		Full Time		\$20,840	21,382	\$21,938	\$22,508
95		Academic		\$10,353	10,622	\$10,898	\$11,182
96							
	Supplies - 600				% Increase As	ssumptions	
98				2021-22	2022-23	2023-24	2024-25
99		Educational/Admin Sup	oplies&Software	4.00%	4.00%	4.00%	4.00%
100		Gas and Oil		3.00%	3.00%	3.00%	3.00%
101		Admin and Other Cate		4.00%	4.00%	4.00%	4.00%
102		Curriculum Proposal	Amount	871,000	2,051,622	2,113,171	2,176,566
103							
	Property - 700				% Increase As	ssumptions	
105				2021-22	2022-23	2023-24	2024-25
106		Equipment Purchases		3.00%	3.00%	3.00%	3.00%
107		Technology Equipment	*	3.00%	3.00%	3.00%	3.00%
108	* Technology Equip	ment for 06-07,07-08 and 08	-09 is paid out of capital	projects fund and begin	ning 2009-10 it is paid	out of capital reserve fu	nd
109							
110							
111	800 Other Obje	ect Dues and Fees			% Increase As	ssumptions	
112				2021-22	2022-23	2023-24	2024-25
113				3.00%	3.00%	3.00%	3.00%
							5.5570

	А		В	С			D		E		
1											
2	West Chester Ar	rea	School Dist	ric	t Budget Fo	ore	cast Model				
3	<u> </u>	Re	venue Ass	ur	nptions						
4											
5	Local 2021-22 2022-23 2023-24								2024-25		
6	Collection Factor		96.50%		96.50%		96.50%		96.50%		
7	Interim Taxes		0.00%		0.00%		0.00%		0.00%		
8	Earned Income tax		1.50%		1.50%		1.50%		1.50%		
9	Transfer Tax		2.00%		2.00%		2.00%		2.00%		
10	Delinquent Taxes		0.00%		0.00%		0.00%		0.00%		
11	Investment Earnings		1.50%		1.50%		1.50%		1.50%		
12	Other		0.00%		0.00%		0.00%		0.00%		
13											
14	<u>State</u>		2021-22		2022-23		2023-24		2024-25		
15	Basic Education		0.0%		0.0%		0.0%		0.0%		
16	Special Education		0.0%		0.0%		0.0%		0.0%		
17	Special Ed Contingency	\$	-	\$	-	\$	- \$		-		
	Transportation		0.0%		0.0%		0.0%		0.0%		
19	Rent	\$	1,077,468	\$	852,206	\$	938,548	\$	876,286		
20	Charter School (Reimb Rate)		0.0%		0.0%		0.0%		0.0%		
	Social Security (Reimb Rate)		50.0%		50.0%		50.0%		50.0%		
	Retirement (Reimb Rate)		50.0%		50.0%		50.0%		50.0%		
23	Other		0.0%		0.0%		0.0%		0.0%		
24											
25	<u>Federal</u>		2021-22		2022-23		2023-24		2024-25		
26	Title I	\$	587,326	\$	587,326	\$	587,326	\$	587,326		
27	Title II	\$	246,367	\$	246,367	\$	246,367	\$	246,367		
28	IDEA	\$	1,572,087	\$	1,572,087	\$	1,572,087	\$	1,572,087		
	Medical Access	\$	1,000,000	\$	500,000	\$	500,000	\$	500,000		
30	Other	\$	142,439	\$	142,439	\$	142,439	\$	142,439		
31											
32	<u>Other</u>		2021-22		2022-23		2023-24		2024-25		
33	To Cap Res		4.0%		4.0%		4.0%		4.0%		

West Chester Area School District Assumptions for Salaries

Additional Headcount Expenses	2020-21	2020-21	2021-22	2022-23	2023-24	2024-25
	Budget	Projected	Forecast	Forecast	Forecast	Forecast
Administrators						
Average New Hire Salary	\$128,915		\$132,782	\$136,235	\$139,777	\$143,411
Additional Headcount	-		1.00	-	-	-
Additional Salary Expense	\$0		\$135,977	\$0	\$0	\$0
Teacher						
Average New Hire Salary	\$57,882	\$54,822	\$56,441	\$57,557	\$58,701	\$59,875
Average Teacher Salary	\$74,851	\$73,927	\$74,780	\$76,258	\$77,774	\$79,329
Headcount Change (Enrollment)	8.40		41.40	-	-	-
Headcount Change (Curricular)	11.60		-	-	-	-
Change Salary Expense	\$1,187,035		\$2,269,630	\$0	\$0	\$0
Non-Bargaining						
Average New Hire Salary	\$69,818		\$71,913	\$73,783	\$75,701	\$77,669
Additional Headcount	2.00		4.00	-	-	-
Additional Salary Expense	\$72,600		\$231,060	\$0	\$0	\$0
Support Staff						
Average New Hire Salary	\$26,817		\$27,286	\$28,820	\$29,676	\$30,447
Additional Headcount	1.00		5.50	-	· <u>-</u>	· -
Additional Salary Expense	\$19,500		\$141,950	\$0	\$0	\$0
Crafts/Trades						
Average New Hire Salary	\$42,882		\$44,478	\$45,830	\$47,617	\$48,855
Additional Headcount	,		0.50	-	. ,	. ,
Additional Salary Expense	\$0		\$15,500	\$0	\$0	\$0

	2020-21 Budget	2020-21 Projected	2021-22 Forecast	2022-23 Forecast	2023-24 Forecast	2024-25 Forecast
Teacher Staffing Changes Detail	5	,	2.85%	2.60%	2.60%	2.60%
Salary before Attrition	72,973,487	7	75,970,565	79,761,440	81,322,238	82,923,616
Attrition - (vacancies)	750,000)	750,000	750,000	750,000	750,000
Estimated Attrition (turnover)	500,000)	500,000	500,000	500,000	500,000
Increase with Attrition	71,723,487	72,576,855	74,720,565	78,511,440	80,072,238	81,673,616
Increase with Attrition			2.95%	1.98%	1.99%	2.00%
Staffing changes Teacher Salary (with attrition & staffing	1,187,035		2,269,630	-	-	-
changes)	72,910,522	72,576,855	76,990,195	78,511,440	80,072,238	81,673,616
Increase with Attrition & Staffing Changes			6.08%	1.98%	1.99%	2.00%

West Chester Area School District Assumptions for Salaries

T	OTAL SALARY EXP	PENSE				
	2020-21	2020-21	2021-22	2022-23	2023-24	2024-25
	Budget	Projected	Forecast	Forecast	Forecast	Forecast
Admin Staff	9,237,294	9,378,877	9,855,528	10,111,772	10,374,678	10,644,419
Total Administration Salaries	9,237,294	9,378,877	9,855,528	10,111,772	10,374,678	10,644,419
Teacher Staff Salaries	72,910,522	72,576,855	76,990,195	78,511,440	80,072,238	81,673,616
Extra Duty Pymnts (123)	1,090,649	1,284,838	1,167,749	1,190,822	1,214,496	1,238,785
Sabbatical Pymnts (124)	300,000	300,000	300,000	300,000	300,000	300,000
Subject Chair Pymnts (125)	421,496	421,496	421,496	421,496	421,496	421,496
Severance Pymnts (127)	392,000	392,000	392,000	399,746	407,692	415,846
Supplemental Contracts (135)	2,167,000	2,167,000	2,167,000	2,167,000	2,167,000	2,167,000
Total Teaching Salaries	77,281,667	77,142,189	81,438,440	82,990,504	84,582,922	86,216,743
Reg Salaries (141)	4,054,914	4,054,914	3,955,602	4,058,448	4,163,967	4,272,230
Overtime (143)	2,000	2,000	2,208	2,208	2,208	2,208
Technical	4,056,914	4,056,914	3,957,810	4,060,656	4,166,175	4,274,438
l Reg Salaries (151)	2,911,088	2,911,088	3,053,321	3,224,918	3,320,698	3,407,036
Overtime (153)	60,830	60,830	56,659	59,843	61,621	63,223
Library/Office Aides (154),(155)	503,231	503,231	560,438	591,935	609,515	625,362
Technology Aides (158)	434,855	434,855	556,180	587,437	604,884	620,611
Instructional Aides (191)	2,341,711	2,191,711	2,420,461	2,556,491	2,632,419	2,700,862
Instructional Aides OT (193)	59,450	59,450	57,750	60,996	62,807	64,440
Office Clerical	6,311,165	6,161,165	6,704,809	7,081,619	7,291,943	7,481,534
Reg Salaries Oper & Maint(161)	5,266,503	5,016,503	5,460,515	5,626,515	5,845,949	5,997,943
Temporary salaries (162)	75,000	75,000	75,000	77,280	80,294	82,382
Overtime (163)	180,000	180,000	192,000	197,837	205,552	210,897
Severance (167)	40,000	40,000	40,000	40,000	40,000	40,000
Reg Salaries Technology (168)	680,689	680,689	636,892	672,685	692,664	710,673
Crafts and Trades	6,242,192	5,992,192	6,404,407	6,614,317	6,864,459	7,041,895
Total Salary Expense	103,129,232	102,731,337	108,360,994	110,858,868	113,280,178	115,659,030
% Increase		-0.39%	5.48%	2.31%	2.18%	2.10%

				020-21 Ac					2021-22 Budg	et		Add	lition/Reduc	tions to 20)21-22 Bude	ıet
POSITIONS FO	inc Acct Prog	ELM Elem	MID Middle	HS High	OTH Other	Total	ELM Elem	MID Middle	HS High	OTH Other	Total	ELM Elem	MID Middle	HS High	OTH Total	Total
School Administration										- Ciner	Total	Lieiii	Middle	iligii	Other	TOTAL
Superintendent 20	360 111 52	_	_	_	1.00	1.00	_			1,00	1.00					
Asst Supt of Curriculum and Secondary Ec 22			-		1.00	1.00	-		-	1.00	1.00	-	-	-	-	- 1
Pupil Services Director 2		-	_	_	1.00	1.00	_	_	_	1.00	1.00	-	-	-	-	- 1
Pupil Services Supervisor 2		_	-	-	1,00	1.00	_	_	_	1.00	1.00	-	-	-	-	
Social Studies/ Fine Arts Supervisor 22		-	-	-	1.00	1.00	-	_	_	1.00	1.00	-	-	_	_	
Social Work Coordinator 2		-	-	-	1.00	1.00	-	-	-	1.00	1.00	-	-	-	_	- 1
Equity / ELD / World Language Supervisor 22		-	-	-	1.00	1.00	-	-	-	1.00	1.00	-	-	-	-	- 1
Language Arts Supervisor 23		-	-	-	1.00	1.00	-	-	-	1.00	1.00	-	-	-	-	-
Mathematics Supervisor 22		-	-	-	1.00	1.00	-	-	-	1.00	1.00	-	-	-	-	-
Science / FCS / Tech Ed / Health & PE Supervisor 23 Assessment / Re-evaluation Supervisor 23		-	-	-	1.00	1.00	-	-	-	1.00	1.00	-	-	-	-	-
Instructional Technology Coordinato 2		· ·	-	-	1.00	1.00	-	-	-	1.00	1.00	-	-	-	-	- 1
Director of Teaching and Learning 23		-	-	-	4.00 1.00	4.00 1.00	-	-	-	4.00	4.00	-	-	-	-	-
Elementary Director of Education 23			-		1.00	1.00	-	-	-	1.00 1.00	1.00	-	-	-	-	- 1
Communications Program Director 23		_	_	-	1.00	1.00	-	_	_	1.00	1.00	-	-	-	-	-
Director of Equity & Assessment 22		_	_	_	1.00	1.00	_	_	-	1.00	1.00	-	-	-	-	- 1
Principals and Asst. Principals 23	380 111 40	10.00	9.00	12.00	-	31.00	11.00	9.00	12.00	-	32.00	1.00	-	-	_	1.00
Coordinator of Nursing Services 24	440 111 18D	-	-	-	1.00	1.00	-	-	-	1.00	1.00	-	_	-	-	1.00
Business Affairs Director / Asst. Director 25	511 111 55	-	-	-	2.00	2.00	-	_	-	2.00	2.00	-	-	_	_	_
Facilities & Operations Director / Asst. Director 26		-	-	-	1.00	1.00	-	-	-	1.00	1.00	-	-	_	_	-
Technology Director 28		-	-	-	1.00	1.00	-	-	-	1.00	1.00	-	~	-	-	- 1
Human Resources Director / Asst. Director 28		-	-	-	2.00	2.00	-	-	-	2.00	2.00	-	-	-	-	- 1
IT Services Coordinator 28		-	-	-	1.00	1.00	-	-	-	1.00	1.00	-	-	-	-	-
Athletic Director 3		-	-	3.00	-	3.00	-	-	3.00	-	3.00	-	-	-	-	-
Special Education Supervisors 12		40.00	-	45.00	3.00	3.00	-	-	-	3.00	3.00		-	-	-	- 1
Teachers School Adm	inistration Total	10.00	9.00	15.00	30.00	64.00	11.00	9.00	15.00	30.00	65.00	1.00	-	-	-	1.00
Full Day KG 1	110 121 08F	32.00	_			32.00	35.00				25.00	2.00				
1st Grade 1		34.00		_	_	34.00	37.00	-	-	-	35.00 37.00	3.00 3.00	-	-	-	3.00
2nd Grade 1		34.00	_	_		34.00	37.00		_	_	37.00	3.00	-	-	-	3.00
3rd Grade 1		32.00	-	-	-	32.00	35.00		_	-	35.00	3.00	-		-	3.00
4th Grade 1	110 121 09	30.00	-	-	-	30.00	34.00	-	_	_	34.00	4.00	_		-	4.00
5th Grade 11	110 121 09	31.00	-	-	-	31.00	34.00	-	-	-	34.00	3.00	-	_	-	3.00
	110 121 01	8.17	7.14	7.40	-	22.71	9.17	7.14	7.40	-	23.71	1.00	-	_	-	1.00
	110 121 02	12.50	4.80	3.60	-	20.90	13.50	4.80	3.60	-	21.90	1.00	-	-	-	1.00
Engl/Lang Arts 1		-	23.60	32.40	-	56.00	-	23.60	32.40	-	56.00	-	-	-	-	- 1
World Language 1			9.60	20.20	-	29.80	-	9.60	20.20	-	29.80	-	-	-	-	-
Instructional Coaches 1		10.00	-	-	-	10.00	11.00		-	-	11.00	1.00	-	-	-	1.00
Computer/Tech Ed 1	110 121 10 11 -	-	4.80	-	-	4.80	-	4.80	-	-	4.80	-	-	-	-	-
Health 1		_	8.28	6.45		14.73		0.00	0.45							1
	110 121 117		25.40	36.40	-	61.80	-	8.28 25.40	6.45 36.40	-	14.73	-	-	-	-	-
Watt	17 -	-	20.40	30.40	-	01.00	-	25.40	36.40	-	61.80	-	-	-	-	-
Phys Ed 1	4	8.30	6.32	12.45	1.40	28.47	9.30	6.32	12.45	1.40	29.47	1.00				4.00
Science 1		-	20.40	39.10	-	59.50	-	20.40	39.10	1.40	59.50	1.00	-	-	-	1.00
Social Studies 1		-	20.00	36.90	-	56.90	-	20.00	36,90	_	56.90	-	_	-	-	: 1
AP Capstone 1		-	-	0.25	-	0.25	-	-	0.25	-	0.25	_	_	_	-	. I
	06A -	1				į										- 1
Reading Specialist/Teacher 1		21.00	12.60	3.00	-	36.60	23.00	12.60	3.00	-	38.60	2.00	-	-	-	2.00
Music -Vocal 1		8.20	3.05	2.60	-	13.85	9.20	3.05	2.60	-	14.85	1.00	-	-	-	1.00
Music -Instrumenta 1		10.00	8.15	3.80	-	21.95	11.00	8.15	3.80	-	22.95	1.00	-	-	-	1.00
Cyber School 1		48.03	19.71	16.80	-	84.54	48.03	19.71	16.80	-	84.54	-	-	-	-	-
TITLE 1 (federal prog) 1		3.40	172.05	224.25	0.60	4.00	3.40	470.05	-	0.60	4.00		-	-	-	-
	Total	322.60	173.85	221.35	2.00	719.80	349.60	173,85	221.35	2.00	746.80	27.00	-	-	•	27.00
	•	-				•					'					1

		2020-21 Actual ELM MID HS OTH							021-22 Budge			Add	lition/Reduc		21-22 Budge	et
POSITIONS Func	Acct Prog	Elem	MID Middle	HS High	OTH Other	Total	ELM Elem	MID Middle	HS High	OTH <i>Other</i>	Total	ELM Elem	MID Middle	HS High	OTH Other	Total
Fam and Cons Science 1340	121 12	-	6.65	6.40	_	13.05	-	6.65	6.40		13.05					
Industrial Arts 1350	121 13	-	6.60	3.60	-	10.20	-	6.60	3.60	-	10.20	-	_	_	_	- 1
	121 03	-	-	5.60	-	5.60	-	-	5.60	-	5.60	-	-	-	-	-
Cyber Vocational Education 1300		-	1.00	1.20	-	2.20	-	1.00	1.20	-	2.20	-	-	-	-	- 1
	Total	-	14.25	16.80	-	31.05	-	14.25	16.80	-	31.05	-	-	-	-	-
Special Education (general) 1291	121 21		-	-	6.00	6.00	_	-	-	6.00	6,00	-	_			.
Autistic 1233	121 21C	7.00	3.00	2.00	-	12.00	7.00	3.00	2.00	-	12.00	-	-	_	-	.
Emotional Support 1231		2.00	1.50	4.50	-	8.00	2.00	1.50	4.50	-	8.00	-	-	-	-	-
Transitional Program 1231	121 21L	-	-	1.00	-	1.00	-	-	1.00	-	1.00	-	-	-	7	- 1
	121 21L	-	-	-	-	- 1	-	-	7.20	-	7.20	-	-	7.20	-	7.20
	121 21F	2.50	2.00	-	-	4.50	2.50	2.00	-	-	4.50	-	-	-	-	-
Learn Supp/ Life Skills 1241		26.50	19.50	20.30	-	66.30	26.50	19.50	20.30	-	66.30	-	-	-	-	-
Multiple Disabilities 1270 Speech & Language Therapist 1225		2.00	1.00	-	40.00	3.00	2.00	1.00	-	-	3.00	-	-	-	-	-
Gifted Program Teachers 1243		8.00	3.50	3.60	13.00	13.00	-	-	-	14.00	14.00	-	-	-	1.00	1.00
Cyber Special Education 1200		6.00	2.40	2.60	1.00	15.10 12.00	9.00 6.00	3.50 2.40	3.60 2.60	1.00	16.10	1.00	-	-	-	1.00
Cyber Openia Education 1200	Total	54.00	32.90	34.00	20.00	140.90	55.00	32.90	41.20	21.00	12.00 150.10	1.00	-	7.20	1.00	
										21.00			-	7.20	1.00	9.20
Guidance Counselors 2120		8.00	9.50	18.50	-	36.00	9.00	9.50	18.50	-	37.00	1.00	-	-	-	1.00
Certified Nurses 2440		8.00	3.00	3.00	-	14.00	9.00	3.00	3.00	-	15.00	1.00	-	-	-	1.00
Psychologists 2140 Case Workers 2160		9.80	3.00	3.00	- 00	15.80	10.80	3.20	3.00	-	17.00	1.00	0.20	-	-	1.20
Librarian 2250		8.30	3.00	3.00	8.00	8.00 14.30	9.30	3.00	3.00	9.00	9.00	1.00	-	-	1.00	1.00
Cyber Support Services 2000		3.70	-	-	-	3.70	3.70	3.00	3.00	-	15.30 3.70	1.00	-	-	-	1.00
Gyber dupport dervices 2000	Total	37.80	18.50	27.50	8.00	91.80	41.80	18.70	27.50	9.00	97.00	4.00	0.20	-	1.00	5.20
Athletic Trainer 3200	121 308	-	_	3.00	_	3.00	-	-	3.00	_	3.00	_			_	
Audio Visual 2220	121 14A	-	-	1.40	-	1.40	-	-	1.40	-	1.40	-	-	-	_	, 1
Cyber Audio Visual 2200	121 05	-	-	0.20	-	0.20	-	-	0.20	-	0.20	-	-	-	-	-
	Total	-	-	4.60	-	4.60	-	-	4.60	-	4.60	-	-	-	-	-
Tea	acher Total	414.40	239.50	304.25	30.00	988.15	446.40	239.70	311.45	32.00	1,029.55	32.00	0.20	7.20	2.00	41.40
Secretarial Staff - Central Office and School Administration																1
Sec to Superintendent 2360		-	-	-	1.00	1.00	-	-	-	1.00	1.00	-	-	-	-	-
Sec to the Prog Dir Professional Devel 2360		-	-	-	1.00	1.00	-	-	-	1.00	1.00	-	-	-	-	-
Sec to Elementary Dir of Education 2360 Sec to Principals and Asst. Principals 2380		10.00			0.95	0.95	-	-	-	0.95	0.95	-	-	-	-	
Sec to Frincipals and Asst, Frincipals 2360 Sec to Technology Dir 2821		10.00	6.00	9.00	1.00	25.00	11.00	6.00	9.00	-	26.00	1.00	-	-	-	1.00
Sec to Technology Dir 2021 Sec for Attendance/Child Acctg 2130		-	3.00	3.00	1.00	1.00 6.00	-	3.00	3.00	1.00	1.00	-	-	-	-	-
Sec for Guidance 2120			3.00	6.00	-	6.00	-	3.00	6.00	-	6.00 6.00	-	-	-	-	- 1
	151 71	_		0.00	2.00	2.00	_		0.00	2.00	2.00	-	-	-	-	- 1
Sec to Curriculum Supv. 2260		_	-	_	2.00	2.00	_		_	2.00	2.00			-	-	
Sec to Special Ed Dir/Supervisors 1291		-	-	-	3.50	3.50	-	-	-	3.50	3.50	_	_			
Sec to Special Ed Dir/Supervisors 1291	151 35	-	-	-	0.50	0.50	-	-	-	0.50	0.50	_	-	_	-	
Sec. Director of Pupil Services 2111		-	-	-	1.00	1.00	-	-	-	1.00	1.00	-	-	-	_	
Sec to Instruct Technology Coordinato: 2829		-	-	-	1.00	1.00	-	-	-	1.00	1.00	-	-	-	-	-
Sec to Gifted 2119		-	-	-	1.00	1.00	-	-	-	1.00	1.00	-	-	-	-	-
	151 35	-	-	-	0.05	0.05	-	-	-	0.05	0.05	-	-	-	-	-
Sec to ELD & Equity Supervisor 2260 Sec to Athletic Director 3200	151 52M	-	-		1.00	1.00	-	-	-	1.00	1.00	-	-	-	- "	-
Sec to Athletic Director 3200	151 30S Total	10.00	9.00	3.00 21.00	16.00	3.00	44.00		3.00	-	3.00	-	-	-	-	
			9.00	21.00	16.00	56.00	11.00	9.00	21.00	16.00	57.00	1.00	-	-	-	1.00
Full Day KG 1110		8.00	-	-	-	8.00	8.00	-	-	-	8.00	-	-	-	-	-
ELD 1110		8.00	2.00	3.00	-	13.00	8.00	2.00	3.00		13.00	-	-	-	-	-
Autistic 1233		-	-		17.00	17.00	-	-	-	17.00	17.00	-	-	-	-	-
Emotional Support 1231 Transitional Program 1231		-	-	-	7.00	7.00	-	-	-	7.00	7.00	-	-	-	-	-
	191 21L 191 21L	-	-	-	1.00	1.00	-	-	-	1.00	1.00	-	-	-	-	-
Life Skills 1211					9.00	9.00	-	-	-	3.00 9.00	3.00 9.00	-	-	-	3.00	3.00
Learn Supp/ Life Skills 1241		_		_	63.00	63.00	-	-	-	63.00	63,00	-	-	-	-	
Table of the state	Total	16.00	2.00	3.00	97.00	118.00	16.00	2.00	3.00	100.00	121.00	-			3.00	3.00
							.0.00	2.00	5.00	, 50.00	1.00	-	-	-	3.00	3,00

			ELM	MID 20	120-21 Act	ual OTH		ELM	MID 20	021-22 Budge	et OTH					21-22 Budge	et
POSITIONS	Func Acct	Prog	Elem	Middle	High	Other	Total	Elem	Middle	High	Other	Total	ELM Elem	MID Middle	HS High	OTH Other	Total
Library Assistant		14	5.00	1.00	3.00	-	9.00	5.50	1.00	3.00	-	9.50	0.50	-		-	0.50
Security Greeter Office Assistant (Dis)		18 40	10.00	-	3.00	-	3.00 10.00	11.00		3.00	-	3.00 11.00	1.00	-	-	-	1.00
		Total	15.00	1.00	6.00	-	22.00	16.50	1.00	6.00	-	23.50	1.50	-	-	-	1.50
RN-LPN (non-public)		18D	-	-	-	3.20	3.20	-	-	-	3.20	3.20	-	-	-	-	-
RN-LPN (District) APT Program Coordinator		18D 21L	4.20	1.00	3.00	1.80	10.00	4.20	1.00	3.00	2.80	11.00	-	-	-	1.00	1.00
Pupil Service Specialis		21	-	-	-	0.60	0.60	-	-	-	0.60	0.60	-	-	-	-	:
Pupil Service Specialis		35 Total	-	-	-	0.40	0.40	-	-	-	0.40	0.40	-	-	-	-	-
D Off (D . f)		Total	4.20	1.00	3.00	6.00	14.20	4.20	1.00	3.00	7.00	15.20	-	-	-	1.00	1.00
Business Office (Professional) Business Office Benefits (Professional)		55 55	-	-	-	5.00 1.00	5.00 1.00	-	-	-	5.00 1.00	5.00 1.00	-	-	-	-	-
Business Office (Hourly Support		55	-	-	-	5.00	5.00	-	-	-	5.00	5.00	-	-	_		.
		Total	-	-	-	11.00	11.00	-	-	-	11.00	11.00		-	-	-	-
Communications Office (Professional)		52	-	-	-	1.00	1.00			-	1.00	1.00	-	-	-	-	
Communications Office (Hourly Suppt		52 Total	-	-	-	2.00	2.00	-	-	-	2.00	2.00	-	-	-	-	-
		Total	•	•	•	3.00	3.00	•	•	•	3.00	3.00	•	-	-	-	-
Transportation Office (Professional) Transportation Office (Hourly Support		75 75	-	-	-	1.00 0.60	1.00 0.60	-	-	-	1.00 0.60	1.00 0.60	-	-	-	-	-
Transportation Office-NP (Professional		75	_	-	-	1.00	1.00	-	-	-	1.00	1.00	-	-	-	-	:
Transportation Office-NP (Hourly Support		75	-	-	-	0.90	0.90	-	,-	-	0.90	0.90	-	-	-	-	-
		Total	-	-	-	3.50	3.50	•	-	-	3.50	3.50	-	-	-	-	-
Human Resources Office (Professional) HR Office (Hourly Support)		54 54	-	-	-	2.00	2.00	-	-	-	2.00	2.00	-	-	-	-	-
The Office (Hourly Support		Total				1.00 3.00	1.00 3.00	-			1.00 3.00	1.00 3.00			-	-	:
Technology Office (Hourly Support	2840 151	50Z	-	-	_	3.00	3.00			_	3.00	3.00	-	_	_	_	.
Technology Office (Professional		10	-	-	-	1.00	1.00	-	-	-	1.00	1.00	-	-	-	-	-
Technology Office (Hourly Support Technology Associate		10 10	-	-	-	11.00 19.00	11.00 19.00	-	-	•	9.00 17.00	9.00 17.00	-	-	-	(2.00)	(2.00)
,		Total	-	-	-	34.00	34.00				30.00	30.00		-	-	(2.00) (4.00)	(2.00) (4.00)
Head Custodians/ Supervisors/ Quality Contro	2610 141	71A	10.00	3.00	3.00	5.00	21.00	11.00	3.00	3.00	5.00	22.00	1.00	_	_	_	1.00
Custodians (Hourly Support	2620 161	71A	24.00	15,50	31.00	7.00	77.50	24.50	15.50	31.00	7.00	78.00	0.50	-	-	-	0.50
Security Services Coordinator		71L	-	-	-	1.00	1.00	-	-	-	1.00	1.00	-	-	-	-	-
Campus Security Officer		71L	-	-	-	-	-	-	-	-	2.00	2.00	-	-	-	2.00	2.00
Maintenance Custodial & Maint Dept (Hourly Support		70 70	-	-	-	1.00 6.00	1.00 6.00	-	-	-	1.00	1.00	-	-	-	-	-
			-	-	-			•	-	-	6.00	6.00	-	-	-	-	-
HVAC Coordinator HVAC Staff (Hourly Support)		70H 70H	-	-	-	1.00 7.00	1.00 7.00	-		-	1.00 7.00	1.00 7.00	-	-	-	-	
Operations (Professional)		71	_	_		2.00	2.00				2.00	2.00					- 1
Facilities Apprentice	2620 161	71	-	-	-	1.00	1.00	-	-	-	1.00	1.00	-	-	-		
Automotive Pool	2650 161	71G	-	-	-	1.00	1.00	-	-	-	1.00	1.00	-	-	-	-	-
Grounds Supervisor / Athletic Turf Coordinato		70F	-	-	-	1.00	1.00	-	-	-	1.00	1.00	-	-	-	-	-
Grounds/Warehouse (Hourly Support Mailroom (Hourly Support		70F 71F	-	-	-	10.00 1.00	10.00 1.00	-	-		10.00 1.00	10.00	-	-	-	-	-
		Total	34.00	18.50	34.00	44.00	130.50	35.50	18.50	34.00	46.00	134.00	1.50		-	2.00	3.50
Secretarial Staff - Central Office and School A	dministration	Total	79.20	31.50	67.00	217.50	395.20	83.20	31.50	67.00	219.50	401.20	4.00	-		2.00	6.00
	Grand	Total	503,60	280.00	386.25	277.50	1,447.35	540.60	280.20	393.45	281.50	1,495.75	37.00	0.20	7.20	4.00	48.40

West Chester Area School District Assumptions for Benefits

	Actual Budget Projection Forecast Forec										
							2024-25 Forecast				
Medical	13,444,708	21,265,797	21,265,797	22,669,582	24,385,669	26,231,664	28,217,401				
Dental	978,154	1,428,060	1,428,060	1,490,798	1,554,903	1,621,764	1,691,499				
Vision	149,383	209,230	209,230	218,767	223,799	228,946	234,212				
Prescription	3,459,632	5,103,577	5,103,577	5,204,954	5,725,450	6,297,995	6,927,794				
Social Security	7,057,077	7,849,447	7,849,538	8,257,334	8,480,703	8,665,934	8,847,916				
Retirement	33,218,932	35,390,415	35,391,141	37,687,641	39,487,929	40,916,800	42,331,205				
Tuition	370,641	600,000	600,000	600,000	600,000	600,000	600,000				
Life & Disability	549,979	552,899	552,899	578,663	592,002	604,932	617,636				
W/C, Unemp & Other	965,754	1,289,778	1,289,778	1,309,124	1,328,761	1,348,693	1,368,923				
Total Benefit Expense	60,194,260	73,689,202	73,690,019	78,016,864	82,379,215	86,516,727	90,836,586				
% Increase			22.42%	5.87%	5.59%	5.02%	4.99%				
* Assume increases in salary i	elated benefits propo	rtional to salary	/ increase								

		В	enefit Cost Sh	naring and Co	bra payments		
	2019-20	2020-21	2020-21	2021-22	2022-23	2023-24	2024-25
	<u>Actual</u>	Budget	Projection	Forecast	Forecast	Forecast	Forecast
Medical	4,025,370	5,890,045	5,890,045	6,335,921	6,815,550	7,331,488	7,886,481
Dental	161,885	88,963	88,963	92,788	96,778	100,939	105,280
Vision	26,332	10,671	10,671	10,916	11,167	11,424	11,687
Prescription	560,011	1,013,778	1,013,778	1,115,155	1,226,671	1,349,338	1,484,272
Social Security	-	-	-	-	-	-	-
Retirement	-	-	-	-	-	-	-
Tuition	-	-	-	-	-	_	-
Life & Disability	174,063	116,852	116,852	116,852	116,852	116,852	116,852
W/C, Unemp & Other							
Total Cost Share	4,947,661	7,120,308	7,120,308	7,671,633	8,267,019	8,910,041	9,604,572

			Ne	t Benefit Cost	is		
,	2019-20	2020-21	2020-21	2021-22	2022-23	2023-24	2024-25
	Actual	<u>Budget</u>	Projection	Forecast	Forecast	Forecast	<u>Forecast</u>
Medical	9,419,338	15,375,752	15,375,752	16,333,660	17,570,119	18,900,177	20,330,920
Dental	816,269	1,339,097	1,339,097	1,398,010	1,458,125	1,520,824	1,586,220
Vision	123,051	198,559	198,559	207,851	212,631	217,522	222,525
Prescription	2,899,621	4,089,799	4,089,799	4,089,799	4,498,779	4,948,657	5,443,522
Social Security	7,057,077	7,849,447	7,849,538	8,257,334	8,480,703	8,665,934	8,847,916
Retirement	33,218,932	35,390,415	35,391,141	37,687,641	39,487,929	40,916,800	42,331,205
Tuition	370,641	600,000	600,000	600,000	600,000	600,000	600,000
Life & Disability	375,916	436,047	436,047	461,811	475,150	488,080	500,784
W/C, Unemp & Other	965,754	1,289,778	1,289,778	1,309,124	1,328,761	1,348,693	1,368,923
Total Benefit Expense	55,246,599	66,568,894	66,569,711	70,345,231	74,112,197	77,606,686	81,232,014
% Increase	technique and a second and a second		20.50%	5.67%	5.35%	4.72%	4.67%

800 QTHER OBJECTS AND OTHER FINANCING USES 900

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DUES AND FEES & PRIOR YEAR REFUNDS o Assume inflationary increase as follows:

	2019-20 Actual \$337,329	\$ 2020-21 Budget 558,585	\$ 2020-21 Projection 558,585	\$ 2021-22 Forecast 499,322	\$ 2022-23 Forecast 514,302	\$ 2023-24 Forecast 529,731	\$	2024-25 Forecast 545,623
	2019-20	2020-21	2020-21	2021-22	2022-23	2023-24		2024-25
DUES/FEES - Athletic Fund	\$116,581	\$131,500	\$131,500	\$ 131,500	\$ 131,500	\$ 131,500	\$	131,500
DEBT SERVICE								
Debt Service Savings to Cap Reserve	\$453,890	\$445,255	\$1,911,236	\$453,967	\$448,506	\$1,104,357	;	\$1,101,147
G/F Contribution to Cap Reserve	\$3,463,200	\$3,626,728	\$3,626,728	\$3,771,797	\$3,922,669	\$4,079,576		\$4,242,759
Transfer for Cap Reserve Facilities	\$1,534,522	\$2,095,558	\$2,095,558	\$2,011,500	\$2,223,177	\$2,289,872		\$2,358,568
,	\$5,451,612	\$6,167,541	\$7,633,522	\$6,237,264	\$6,594,352	\$7,473,805		\$7,702,474

EXISTING DEBT SERVICE (PRIOR TO ACT 1)

	2020-21	Budget	2020-21	Projection	2021-22	2 Budget	2022-23	Budget	2023-2	4 Budget	2024-2	5 Budget
		900		900		900		900		900		900
PRINCIPAL AT 7/1/06	INTEREST	PRINCIPAL										
12/10 GOR 2010AA	\$ 391,500	\$ 3,420,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7/2012 GOR 2012AA	\$ 599,200	\$ 7,360,000	\$ 599,200	\$ 7,360,000	\$ 304,800	\$ 7,620,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
GOB 2014 A	\$ 1,279,250	\$ 1,085,000	\$ 1,279,250	\$ 1,085,000	\$ 1,225,000	\$ 1,185,000	\$ 1,165,750	\$ 14,570,000	\$ 437,250	\$ 8,745,000	\$	\$ -
GOB 2014 AA	\$ 2,179,800	\$ 295,000	\$ 2,179,800	\$ 295,000	\$ 2,170,950	\$ 305,000	\$ 2,161,800	\$ 315,000	\$ 2,152,350	\$ 325,000	\$ 2,142,600	\$ 5,700,000
GOB 2015 AA	\$ 22,950	\$ 755,000	\$ 22,950	\$ 755,000	\$ 7,700	\$ 770,000	\$ -	\$ -	\$ -	\$ -	s -	\$ -
GOB 2016	\$ 416,750	\$ 1,935,000	\$ 416,750	\$ 1,935,000	\$ 320,000	\$ 2,035,000	\$ 218,250	\$ 2,130,000	\$ 111,750	\$ 2,235,000	S -	\$ -
GOB 2016A	\$ 1,248,703	\$ 5,000	\$ 1,248,703	\$ 5,000	\$ 1,248,635	\$ 5,000	\$ 1,248,568	\$ 5,000	\$ 1,248,500	\$ 5,875,000	\$ 954,750	\$ 12,270,000
GOB 2017	\$ 117,115	\$ 615,000	\$ 117,115	\$ 615,000	\$ 104,715	\$ 625,000	\$ 92,065	\$ 640,000	\$ 79,065	\$ 660,000	\$ 65,765	\$ 670,000
TOTAL	\$ 6,255,268	\$ 15,470,000	\$ 5,863,768	\$ 12,050,000	\$ 5,381,800	\$ 12,545,000	\$ 4,886,433	\$ 17,660,000	\$ 4,028,915	\$ 17,840,000	\$ 3,163,115	\$ 18,640,000

Total ACT 1 eligible Debt	\$21,725,268	\$17,913,768	\$17,926,800	\$22,546,433	\$21,868,915	\$21,803,115
Increase in ACT 1 eligible debt	į.		\$13,032	\$4,619,633	(\$677,518)	(\$65,800)

DEBT SERVICE - INCURRED AFTER ACT 1

FINANCING AMOUNT & YEAR		2020-2	21 Ru	daet		2020-21	Pro	iection		2021-2	2 Bı	ıdaşt		2022-2	Ru	daet		2023-2	4 R:	ıdaet		2024-	25 B	ıdaet
Elementary Debt		2020-2	L I DU	uyeı	-	2020-21	F10	Jecuon	-	2021-2	2 01	luget	-	2022-2	טם כ	uyeı	-	2023-2	+ 01	luyet	⊢	2024-	20 D	Juget
-	1.	380.667	\$	050.000	١.	130.667	\$	CEO 000		354,667		650,000		332,133		F00 000		200.000		C4F 000		204 400		675.00
10/09 \$10,000,000 Emmaus 2009	13			650,000	13		60 m	650,000	1		1000	000,000	9			520,000	3	308,000		645,000	12	281,400		675,00
8/2012 \$21,000,000 GOB 2012A	\$	630,000		*	\$	630,000			\$	630,000	\$		\$	630,000	\$	5,000	\$	629,850	\$	5,000	15	629,700	\$	5,00
2013 \$10,000,000 GOB	\$	8,500		850,000	\$	8,500		850,000	\$: : : : : : : : : : : : : : : : : : :	\$		\$	•	\$		\$	-	\$		\$	-	\$	
\$12,000,000 GOB 2014	\$	489,763	\$	-	\$	489,763	\$		\$	489,763	\$		\$	489,763	\$		\$	489,763	\$	-	\$	489,763	\$	5,00
9/2015 \$10,000,000 GOB- 2015A	\$	257,543	\$	5,000	\$		\$		\$		\$	-	\$		\$		\$		\$		\$		\$	
GOB 2016AA	\$	254,412	\$	5,000	\$	254,412	\$	5,000	\$	254,312	\$	5,000	\$	254,175	\$	5,000	\$	254,038	\$	5,000	\$	253,900	\$	5,00
12/2017 \$9,750,000 GOB 2017A	\$	237,475	\$	5,000	\$	237,475	\$	5,000	\$	237,388	\$	5,000	\$	237,300	\$	5,000	\$	237,212	\$	5,000	\$	237,100	\$	5,00
10/2018 \$9,990,000 GOB 2018	\$	336,578	\$	5,000	\$	336,578	\$	5,000	\$	336,452	\$	5,000	\$	336,328	\$	5,000	\$	336,203	\$	5,000	\$	336,053	\$	5,00
8/2019 \$35,000,000 GOB 2019	\$	1,390,000	\$	5,000	\$	1,390,000	\$	5,000	\$	1,389,800	\$	5,000	\$	1,389,600	\$	5,000	\$	1,389,400	\$	5,000	\$	1,389,200	\$	5,00
9/2020 \$16,800,000 GOR 2020	\$		\$		\$	282,023	\$	2,260,000	\$	432,850	\$	4,495,000	\$	208,100	\$	50,000	\$	205,600	\$	55,000	\$	202,850	\$	55,00
10/2021 \$10,000,000 GOB	\$	4	\$		\$		\$		\$	251,220	\$		\$	403,746	\$	5,000	\$	403,610	\$	5,000	\$	403,467	\$	5,00
1/2023 \$10,000,000 GOB	\$		\$		\$		\$		\$		\$		\$	146,721	\$		\$	394,175	\$	5,000	\$	394,046	\$	5,00
12/2023 \$10,000,000 GOB	\$		\$	_	\$	-	\$		\$		\$		\$		\$	-	\$	181,082	\$		\$	397,497	\$	5,00
12/2024 \$10,000,000 GOB	\$		\$		\$		\$		\$	-	\$		\$		\$		\$		\$		\$	179,571	\$	
	s	3,984,938	s	1,525,000	8	3,759,418	s	3,780,000	\$	4,376,452	s	5.165.000	\$	4.427.866	s	600 000	\$	4.828.933	s	735.000	8	5.194.547	\$	775.00
Total Elementary Debt		-11	\$	5,509,938		-11-31119		7,539,418			\$	9,541,452			\$	5,027,866	Ĺ	.,,,	\$	5,563,933		-11,011	\$	5,969,54
Total New Debt	Īŝ	3,984,938	Š	1.525.000	ŝ	3.759.418	\$	3,780,000	s	4.376.452	ŝ	5.165.000	\$	4,427,866	•	600,000	•	4,828,933	Š	735.000		5,194,547	\$	775,00

rc	L	ΑL	DE	BT	S	ER	V	C	E

<u>YEAR</u>	2020-2	2020-21 Budget		2020-21 Projection		2021-22 Budget		2022-23 Budget		2023-24 Budget		2024-25 Budget	
	\$10,240,206	\$16,995,000	\$9,623,186	\$15,830,000	\$9,758,252	\$17,710,000	\$9,314,299	\$18,260,000	\$8,857,848	\$18,575,000	\$8,357,662	\$19,415,000	
Total Debt Service		\$27,235,206		\$25,453,186		\$27,468,252		\$27,574,299		\$27,432,848		\$27,772,662	

Back-End Referendum Exceptions

		BUDGET 2020-21	BUDGET 2021-22	BUDGET 2022-23	BUDGET 2023-24	BUDGET 2024-25
			(\$0	000)		
Retirement (PSERS)		-		-		-
Special Education		-	-	558.1	338.6	340.4
Total		-	-	558.1	338.6	340.4
Index =		2.60%	3.00%	2.60%	2.60%	2.60%
Exception Calculations						
Grandfathered salaries (2011)		85,292,259	85,292,259	85,292,259	85,292,259	85,292,259
Retirement		29,434,359	29,801,115	30,381,103	30,807,564	31,216,967
50%		14,717,179	14,900,558	15,190,551	15,403,782	15,608,483
	14,623,358	14,717,179	14,900,558	15,190,551	15,403,782	15,608,483
State Share of Retirement for Fed. Funded Salaries	(30,671)	(30,868)	(31,252)	(31,860)	(32,308)	(32,737)
Increase		93,624	182,994	289,385	212,783	204,272
Index		379,410	440,589	386,602	394,126	399,658
Total Exception		(285,786)	(257,595)	(97,216)	(181,343)	(195,386)
				2020-21 AFR Est.	2021-22 AFR Est.	2022-23 AFR
Special Education	2017-18 AFR	2018-19 AFR	2019-20 AFR	(1.03)	(1.03)	Est. (1.03)
Expenses	46,461,210	46,309,762	44,074,356	45,396,587	46,758,485	48,161,239
Subsidy	6,454,135	6,128,947	6,125,165	5,902,650	5,899,089	5,899,089
Net Expenses	40,007,075	40,180,815	37,949,192	39,493,937	40,859,396	42,262,150
Net Increase	(1,224,227)	173,739	(2,231,623)	1,544,745	1,365,459	1,402,755
Index	854,313	1,040,184	1,205,424	986,679	1,026,842	1,062,344
Total Exception			-	558,066	338,616	340,410

West Chester Area School District Capital Reserve Fund History and Projection

	ACTUAL 2018-19	BUDGET 2019-20	ACTUAL 2019-20	BUDGET 2020-21	PROJECTED <u>2020-21</u>	BUDGET 2021-22	BUDGET 2022-23	BUDGET 2023-24	BUDGET <u>2024-25</u>
FUND 22									
Revenues Contribution from General Fund Refunding Savings Miscellaneous Revenue	\$ 3,330,000 452,458 126,000	\$ 3,463,200 453,890	\$ 3,463,200 453,890	\$ 3,626,728 445,255	\$ 3,626,728 1,911,236	\$ 3,771,797 453,967	\$ 3,922,669 448,506	\$ 4,079,576 1,104,357	\$ 4,242,759 1,101,147
Sale of Assets Interest Income	620,540	1,300,000 <u>75,000</u>	- 769,782	- 75,000	1,300,000 <u>75,000</u>	- - 75,000	<u></u>	- 	- 75,000
Total Revenues	\$ 4,528,998	\$ 5,292,090	\$ 4,686,872	\$ 4,146,983	\$ 6,912,964	\$ 4,300,764	\$ 4,446,175	<u>\$ 5,258,933</u>	\$ 5,418,906
Expenditures and Fund Transfers Furniture and Fixtures	44,236	60,000	53,867	60,000	60,000	60,000	60,000	60,000	60,000
Technology Admin Building Transition Program Building	5,326,754 205,245	4,035,336 - -	3,237,505 73,706 367,087	4,197,536 - -	2,966,670 - -	3,434,867 - -	3,583,261 - -	4,037,591 - -	4,173,095 - -
Telephone System Total Expenditures	247,296 \$ 5,823,531	\$ 4,095,336	\$ 3,732,165	\$ 4,257,536	\$ 3,026,670	\$ 3,494,867	\$ 3,643,261	\$ 4.097.591	\$ 4,233,095
Excess of Revenues over Expenditures	\$ (1,294,533)	\$ 1,196,754	\$ 954,707	\$ (110,553)	\$ 3,886,294	\$ 805,897	\$ 802,914	\$ 1,161,342	\$ 1,185,811
Fund Balance at July 1	\$ 22,107,841	\$ 22,963,230	\$ 20,813,308	\$ 24,038,759	\$ 21,768,015	\$ 25,654,309	\$ 26,460,206	\$ 27,263,120	\$ 28,424,462
Fund Balance at June 30 Fund Balance for variable rate debt stabilization	\$ 20,813,308 931,416	\$ 24,159,984 931,416	\$ 21,768,015 931,416	\$ 23,928,206 931,416	\$ 25,654,309 931,416	\$ 26,460,206 931,416	\$ 27,263,120 931,416	\$ 28,424,462 931,416	\$ 29,610,273 931,416
Fund Balance for refunding savings	16,479,105	16,932,995	16,932,995	17,378,250	18,844,231	17,832,217	18,280,723	19,385,080	20,486,227
Undesignated Fund Balance at June 30	\$ 3,402,787	\$ 6,295,573	\$ 3,903,604	\$ 5,618,540	\$ 5,878,662	\$ 7,696,573	\$ 8,050,981	\$ 8,107,966	\$ 8,192,630
FUND 27									
Revenues Contribution from General Fund	\$ 1,475,264	\$ 1,534,522	\$ 1,534,522	\$ 2,095,558	\$ 2,095,558	\$ 2,011,500	\$ 2,223,177	\$ 2,289,872	\$ 2,358,568
Expenditures Facilities Projects	\$ 2,084,816	\$ 1,534,522	\$ 1,701,167	\$ 1,694,808	\$ 1,672,998	\$ 2,011,500	\$ 2,223,177	\$ 2,289,872	\$ 2,358,568
Undesignated Fund Balance at July 1	\$ (255,915)	\$	\$ (422,560)	\$	\$	\$ -	\$ -	\$	\$

2020-2021 Capital Budget

	# of Devices		Budget 2020-2021	Projected 2020-2021
	# Of Devices		2020-2021	 2020-2021
Elementary Equipment				
Studnet/Teacher iPad	1,900	\$	133,250	\$ 162,878
		\$	133,250	\$ 162,878
Secondary Equipment				
6th Grade 1:1	950	\$	593,750	\$ 532,748
9th grade 1:1	1,010	\$	858,500	\$ -
Video	9	\$	15,293	\$ 15,293
TV Studio	6	\$	3,720	\$ 3,720
Teacher Laptop	533	\$	703,560	\$ 623,560
		\$	2,174,823	\$ 1,175,321
District				
Projectors - Hardware & Installation		\$	1,128,763	\$ 978,891
Security Camera	30	\$ \$ \$	55,000	\$ 55,000
		\$	1,183,763	\$ 1,033,891
Network				
Network Equipment		\$ \$	725,000	\$ 725,000
		\$	725,000	\$ 725,000
Administration				
Staff (Central + Schools)	320	\$	280,700	\$ 169,580
		\$	280,700	\$ 169,580
Other				
Cost Sharing from Parents		\$ \$	(300,000)	 (300,000)
		\$	(300,000)	\$ (300,000)
Total Fund 22		\$	4,197,536	\$ 2,966,670

2021-2022 Capital Budget

		Budget
	# of Devices	21-22
Elementary Equipment		
Elementary iPad	1,900	796,404.00
Elementary/Special Area Teacher Device	521	561,000.00
		1,357,404.00
Casandam Funium out		
Secondary Equipment 6th Grade 1:1	1.010	631 350 00
	1,010	631,250.00
9th grade 1:1	1,010	858,500.00
Music	36	47,520.00
		1,537,270.00
District		
Security Camera	30	30,000.00
		30,000.00
Network		
Networking		425,000.00
		425,000.00
Administration		
Staff (Central + Schools)	64	85,193.00
		85,193.00
Other		
Cost Sharing from Parents		(330,500.00)
		(330,500.00)
Total Fund 22		3,434,867.00

2021-22 Capital Reserve Fund Project List December 2020

Priority	Project #	Location	Project	Budget
1	G027	District-wide	Emergency Repairs	110,000
2	G109	District-wide	District-wide Roof Survey	50,000
3	G110	Faciltites	Install Automatic Loading Dock Plate	13,000
4	G111	Faciltites	Install new Gas & Diesel Tanks with Containment Dike	95,000
5	G112	East HS	Upgrading Stadium Lights to LED	200,000
6	G113	Henderson HS	Replace 2 Chillers	680,000
7	G114	Henderson HS	LED fixtures in Gymnasium (material only - staff installed)	75,000
8	G115	Rustin HS	Gymnasium Curtain Replacement	48,500
9	G116	Rustin HS	Library Carpet Replacement	52,000
10	G117	Rustin HS	Concrete Paving Replacement at Loading Dock	56,000
11	G118	Peirce MS	Flooring Replacement (Computer, Music, Choir Rooms)	60,000
12	G119	Peirce MS	Select Paving Replacement (Bus Lane alligatoring)	125,000
13	G120	Stetson MS	Flooring Replacement (Computer, Music, Choir Rooms)	60,000
14	G121	Exton ES	Replace Shingles on Roof of old Gym wing and Cafeteria	250,000
15	G122	Hillsdale ES	Replace Drain and Piping from Kindergarten Playground Area	42,000
16	G123	Starkweather ES	Emergency Generator Replacement	95,000

Total Estimated Projects Costs Fund 27

2,011,500

2021-22 Approved Budget

2,011,500

Difference

2021-22 Capital Projects List December 2020

Priority	Project #	School	Project	Budget
1	C069	Rustin HS	Phase 2 - sloped roof replacement	1,311,272

Total Estimated Projects Costs Fund 30

1,311,272

2021-22 Approved Budget

1,311,272

Difference

West Chester Area School District Forecast Model Financial Summary - All Funds

-	Α	0	P	Q	R	s	т	U	V	
1		2018-19	2019-20	2019-20	2020-21	2020-21	2021-22	2022-23	2023-24	W 2024-25
2		Actual	Budget	Actual	Budget	Projected	Estimated	Estimated	Estimated	Estimated
3	Total Revenue	249,522	252,595	255,108	248,488	255,369	250,951	253,400	255,524	257,496
4	Current RE Taxes (0% rate incr.)	173,061	175,470	177,235	176,138	177,346	176,022	176,866	177,710	178,554
5	Revenue (Excl Current R.E.T.)	76,461	77,125	77,873	72,350	78,023	74,930	76,534	77,814	78,942
6	State (Other)	23,383	24,539	23,888	22,602	23,854	23,558	24,382	24,561	24,590
7	PSERS	15,828	16,975	16,603	17,695	17,662	18,844	19,744	20,458	21,166
8	Federal	3,669	2,967	3,617	3,411	5,159	3,548	3,048	3,048	3,048
9	Local (Excl. Current R.E.T.)	33,581	32,644	33,766	28,641	31,347	28,980	29,360	29,746	30,138
11										
12	Expenses	242,559	261,809	238,522	269,816	267,044	278,590	289,674	299,531	309,557
13	Salaries	95,606	99,527	98,130	103,129	102,731	108,361	110,859	113,280	115,659
14	Benefits (without PSERS)	26,471	31,603	22,028	31,178	31,179	32,658	34,624	36,690	38,901
15	PSERS	31,585	33,951	33,219	35,390	35,391	37,688	39,488	40,917	42,331
16	Debt Service	25,572	26,501	26,542	27,235	25,453	27,468	27,574	27,433	27,773
17	Transfer to Capital Reserve	5,258	5,452	5,452	6,168	7,634	6,237	6,594	7,474	7,702
18	Other	58,068	64,777	53,152	66,715	64,656	66,178	70,534	73,737	77,191
19										
20		Net Gap	calculation - 1	No tax increase	no exceptions				Estate (Charles	2-125 BERTHAR
21		Deficit			1		(27,639)	(36,274)	(44,007)	(52,061
22		Change in Fund	d Balance				21,311	_	-	-
23		Cumulative Ga		n R.E. Taxes			(6,327)	(36,274)	(44,007)	(52,061)
24		Prior Year Gap					-	6,327	36,274	44,007
25				no Exceptions	-		(6,327)	(29,946)	(7,734)	(8,054
26		Sup no me	Takes	LACEPHONE	-		(0,527)	(23,340)	(1,134)	(0,034
27		+								
		N- C	14.4.41		2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2					
28	ode la secontra la material de montrata estada en la material de la seconda de la material de la seconda de la		aiculation - Ac	t 1 Tax Increas	e - no exceptio	ns	an introductive state of the	neceppolitus sijus.		nautoni Hatkürili ja
29		Deficit	15-1-				(27,639)	(36,274)	(44,007)	(52,061)
30		Change in Fund					21,311	-	-	
31		Cumulative Ga	p at No Incr. ii	n R.E. Taxes			(6,327)	(36,274)	(44,007)	(52,061)
32		Act 1 Increase					5,333	4,599	4,620	4,642
33		Prior Year Tax						5,333	9,932	14,552
34		Cumulative Ga		dex			(994)	(26,342)	(29,455)	(32,866)
35		Prior Year Gap	elimination				-	994	26,342	29,455
36		Net Gap at Mill	age Index (no	exceptions)			(994)	(25,348)	(3,113)	(3,411)
37										
38										
39		Net Gap ca	culation - Act	1 Tax Increase	- with exception	ons		STORY MAKES	2024000000000	
40		Deficit	oundion 7 tot	T TUX MOTOUSE	With exception	<i>3</i> 110	(27,639)	(36.274)	(44,007)	/E2 064\
41		Change in Fund	Balance				21,311	(36,274)	(44,007)	(52,061)
42		Cumulative Ga		dex			(6,327)	(36,274)	(44,007)	(52,061)
43		Act 1 Increase	, at minage III							
			noronna natina	duded about			5,333	4,599	4,620	4,642
44		Prior Year Tax I					(00.4)	5,333	9,932	14,552
45		Cumulative Ga		aex			(994)	(26,342)	(29,455)	(32,866)
46		Act 1 Exceptio					-	558	339	340
47		Addt'l Revenue					-		558	897
48		Cumulative Ga	p at Millage in	dex and Excep	tions		(994)	(25,784)	(28,558)	(31,629)
49		Prior Year Gap	elimination					994	25,784	28,558
50		Net Gap at Mill	age Index - wit	th exceptions			(994)	(24,790)	(2,775)	(3,071)
51		,	1				1/	(= 1) = 1	1-11-1	(0,0.1)
52										
	Expenses % Increase									
54		2.19%		2.64%		4.69%	5.48%	2.31%	2.18%	2.10%
	Salaries					4.0576	3.40%		∠. 1076	6.03%
	Salaries Repefits (without PSERS)					11 5/10/	1710/			
55	Benefits (without PSERS)	0.99%		-16.78%		41.54%	4.74%	6.02%	5.97%	3.46%
55 56	Benefits (without PSERS) PSERS	0.99% 5.08%		-16.78% 5.17%		6.54%	6.49%	4.78%	5.97% 3.62%	1.24%
55 56 57	Benefits (without PSERS) PSERS Debt Service	0.99% 5.08% 2.88%		-16.78% 5.17% 3.79%		6.54% -4.10%	6.49% 7.92%	4.78% 0.39%	5.97% 3.62% -0.51%	4.68%
55 56 57 58	Benefits (without PSERS) PSERS	0.99% 5.08%		-16.78% 5.17%		6.54%	6.49%	4.78%	5.97% 3.62%	1874
55 56 57 58 59	Benefits (without PSERS) PSERS Debt Service Other	0.99% 5.08% 2.88% -1.97%	######################################	-16.78% 5.17% 3.79% -8.47%	(Specify a option on double	6.54% -4.10% 21.64%	6.49% 7.92% 2.35%	4.78% 0.39% 6.58%	5.97% 3.62% -0.51% 4.54%	9.0%
55 56 57 58 59 60	Benefits (without PSERS) PSERS Debt Service	0.99% 5.08% 2.88%		-16.78% 5.17% 3.79%		6.54% -4.10%	6.49% 7.92%	4.78% 0.39%	5.97% 3.62% -0.51%	
55 56 57 58 59 60 61	Benefits (without PSERS) PSERS Debt Service Other Debt Service % of Budget	0.99% 5.08% 2.88% -1.97%		-16.78% 5.17% 3.79% -8.47%		6.54% -4.10% 21.64%	6.49% 7.92% 2.35% 9.9%	4.78% 0.39% 6.58% 9.5%	5.97% 3.62% -0.51% 4.54% 9.2%	0.40
55 56 57 58 59 60 61 62	Benefits (without PSERS) PSERS Debt Service Other Debt Service % of Budget Act 1 Exceptions	0.99% 5.08% 2.88% -1.97%		-16.78% 5.17% 3.79% -8.47%		6.54% -4.10% 21.64%	6.49% 7.92% 2.35% 9.9%	4.78% 0.39% 6.58%	5.97% 3.62% -0.51% 4.54% 9.2%	340
55 56 57 58 59 60 61 62 64	Benefits (without PSERS) PSERS Debt Service Other Debt Service % of Budget Act 1 Exceptions PSERS	0.99% 5.08% 2.88% -1.97%		-16.78% 5.17% 3.79% -8.47%		6.54% -4.10% 21.64%	6.49% 7.92% 2.35% 9.9%	4.78% 0.39% 6.58% 9.5% 558	5.97% 3.62% -0.51% 4.54% 9.2% 339	
55 56 57 58 59 60 61 62 64 65	Benefits (without PSERS) PSERS Debt Service Other Debt Service % of Budget Act 1 Exceptions	0.99% 5.08% 2.88% -1.97%		-16.78% 5.17% 3.79% -8.47%		6.54% -4.10% 21.64%	6.49% 7.92% 2.35% 9.9%	4.78% 0.39% 6.58% 9.5%	5.97% 3.62% -0.51% 4.54% 9.2%	340 - 340
55 56 57 58 59 60 61 62 64 65 67	Benefits (without PSERS) PSERS Debt Service Other Debt Service % of Budget Act 1 Exceptions PSERS Special Ed	0.99% 5.08% 2.88% -1.97%		-16.78% 5.17% 3.79% -8.47%		6.54% -4.10% 21.64%	6.49% 7.92% 2.35% 9.9%	4.78% 0.39% 6.58% 9.5% 558	5.97% 3.62% -0.51% 4.54% 9.2% 339	
55 56 57 58 59 60 61 62 64 65 67	Benefits (without PSERS) PSERS Debt Service Other Debt Service % of Budget Act 1 Exceptions PSERS Special Ed Fund Balance	0.99% 5.08% 2.88% -1.97% 10.5%		-16.78% 5.17% 3.79% -8.47%		6.54% -4.10% 21.64% 9.5%	6.49% 7.92% 2.35% 9.9%	4.78% 0.39% 6.58% 9.5% 558 - 558	5.97% 3.62% -0.51% 4.54% 9.2% 339	340
55 56 57 58 59 60 61 62 64 65 67 68	Benefits (without PSERS) PSERS Debt Service Other Debt Service % of Budget Act 1 Exceptions PSERS Special Ed Fund Balance Beginning Fund Balance	0.99% 5.08% 2.88% -1.97% 10.5%		-16.78% 5.17% 3.79% -8.47% 11.1%		6.54% -4.10% 21.64% 9.5%	6.49% 7.92% 2.35% 9.9%	4.78% 0.39% 6.58% 9.5% 558	5.97% 3.62% -0.51% 4.54% 9.2% 339	
55 56 57 58 59 60 61 62 64 65 67 68 69 70	Benefits (without PSERS) PSERS Debt Service Other Debt Service % of Budget Act 1 Exceptions PSERS Special Ed Fund Balance Beginning Fund Balance Transfer (to)/from Operating Budget	0.99% 5.08% 2.88% -1.97% 10.5% 31,906 (6.962)		-16.78% 5.17% 3.79% -8.47% 11.1%		6.54% -4.10% 21.64% 9.5% 55,455 11,675	6.49% 7.92% 2.35% 9.9% - - - - - - - - 21,311	4.78% 0.39% 6.58% 9.5% 558 - 558	5.97% 3.62% -0.51% 4.54% 9.2% 339 - 339 - 339	340 22,469
55 56 57 58 59 60 61 62 64 65 67 68 69 70	Benefits (without PSERS) PSERS Debt Service Other Debt Service % of Budget Act 1 Exceptions PSERS Special Ed Fund Balance Beginning Fund Balance	0.99% 5.08% 2.88% -1.97% 10.5%		-16.78% 5.17% 3.79% -8.47% 11.1%		6.54% -4.10% 21.64% 9.5%	6.49% 7.92% 2.35% 9.9%	4.78% 0.39% 6.58% 9.5% 558 - 558	5.97% 3.62% -0.51% 4.54% 9.2% 339	340
55 56 57 58 59 60 61 62 64 65 67 68 69 70 71	Benefits (without PSERS) PSERS Debt Service Other Debt Service % of Budget Act 1 Exceptions PSERS Special Ed Fund Balance Beginning Fund Balance Transfer (to)/from Operating Budget Ending Fund Balance	0.99% 5.08% 2.88% -1.97% 10.5% 31,906 (6.962)		-16.78% 5.17% 3.79% -8.47% 11.1%	dar processor and carry	6.54% -4.10% 21.64% 9.5% 55,455 11,675	6.49% 7.92% 2.35% 9.9% - - - - - - - - 21,311	4.78% 0.39% 6.58% 9.5% 558 - 558	5.97% 3.62% -0.51% 4.54% 9.2% 339 - 339 - 339	340 22,469
55 56 57 58 59 60 61 62 64 65 67 68 69 70 71 72 73	Benefits (without PSERS) PSERS Debt Service Other Debt Service % of Budget Act 1 Exceptions PSERS Special Ed Fund Balance Beginning Fund Balance Transfer (to)/from Operating Budget Ending Fund Balance Fund Balance Fund Balance Fund Balance	0.99% 5.08% 2.88% -1.97% 10.5% 31,906 (6.962) 38,869		-16.78% 5.17% 3.79% -8.47% 11.1% 38,869 (16,587) 55,455		6.54% -4.10% 21.64% 9.5% 55,455 11,675 43,780	6.49% 7.92% 2.35% 9.9% - - - - 43,780 21,311 22,469	4.78% 0.39% 6.58% 9.5% 558 - 558 22,469	5.97% 3.62% -0.51% 4.54% 9.2% 339 -339 22,469	22,469 22,469
55 56 57 58 59 60 61 62 64 65 67 68 69 70 71 72 73 74	Benefits (without PSERS) PSERS Debt Service Other Debt Service % of Budget Act 1 Exceptions PSERS Special Ed Fund Balance Beginning Fund Balance Transfer (to)/from Operating Budget Ending Fund Balance Fund Balance - Designation PSERS Fund Balance - Designation - Health Care Stabilization	0.99% 5.08% 2.88% -1.97% 10.5% 31,906 (6,962) 38,869		-16.78% 5.17% 3.79% -8.47% 11.1% 38,869 (16,587) 55,455	Professional Control of the Control	6.54% 4.10% 21.64% 9.5% 55,455 11,675 43,780	6.49% 7.92% 2.35% 9.9% - - - - - - - - 21,311	4.78% 0.39% 6.58% 9.5% 558 - 558	5.97% 3.62% -0.51% 4.54% 9.2% 339 - 339 - 339	340 22,469
55 56 57 58 59 60 61 62 64 65 67 68 69 70 71 72 73 74 75	Benefits (without PSERS) PSERS Debt Service Other Debt Service % of Budget Act 1 Exceptions PSERS Special Ed Fund Balance Beginning Fund Balance Transfer (to)/from Operating Budget Ending Fund Balance Fund Balance - Designation PSERS Fund Balance - Designation - Health Care Stabilization Fund Balance - Designation - Millage Rate Stabilization	0.99% 5.08% 2.88% -1.97% 10.5% 31,906 (6.962) 38,869		-16.78% 5.17% 3.79% -8.47% 11.1% 38,869 (16.587) 55,455		6.54% 4.10% 21.64% 9.5% 55,455 11,675 43,780	6.49% 7.92% 2.35% 9.9% - - - - 43,780 21,311 22,469	4.78% 0.39% 6.58% 9.5% 558 - 558 22,469 22,469	5.97% 3.62% -0.51% 4.54% 9.2% 339 - 339 - 22,469 -24,159.9	22,469 22,469 22,469 4,159.9
55 56 57 58 59 60 61 62 64 65 67 68 69 70 71 72 73 74 75 76	Benefits (without PSERS) PSERS Debt Service Other Debt Service % of Budget Act 1 Exceptions PSERS Special Ed Fund Balance Beginning Fund Balance Transfer (to)/from Operating Budget Ending Fund Balance Fund Balance - Designation PSERS Fund Balance - Designation - Health Care Stabilization Fund Balance - Designation - Millage Rate Stabilization Fund Balance - Designation - Alternative Education	0.99% 5.08% 2.88% -1.97% 10.5% 31,906 (6.962) 38,869 -4,159.9 13,945.5 1,000.0		-16.78% 5.17% 3.79% -8.47% 11.11% 38,869 (16,587) 55,455 - - 4,159.9 29,486.8 1,000.0		6.54% 4.10% 21.64% 9.5% 55,455 11.675 43,780 4,159.9 16,811.5 1,000.0	6.49% 7.92% 2.35% 9.9% - - - - 43,780 21,311 22,469	4.78% 0.39% 6.58% 9.5% 558 - 558 22,469	5.97% 3.62% -0.51% 4.54% 9.2% 339 -339 22,469	22,469 22,469
55 56 57 58 59 60 61 62 64 65 67 68 69 70 71 72 73 74 75 76 77	Benefits (without PSERS) PSERS Debt Service Other Debt Service % of Budget Act 1 Exceptions PSERS Special Ed Fund Balance Beginning Fund Balance Transfer (to)/from Operating Budget Ending Fund Balance Fund Balance - Designation PSERS Fund Balance - Designation - Health Care Stabilization Fund Balance - Designation - Millage Rate Stabilization Fund Balance - Designation - Millage Rate Stabilization Fund Balance - Designation - Alternative Education Fund Balance - Designation- Alternative Education Fund Balance - Designation- Enrollment Growth	0.99% 5.08% 2.88% -1.97% 10.5% 31,906 (6.962) 38,869 4,159.9 13,945.5 1,000.0 2,500.0		-16.78% 5.17% 3.79% -8.47% 11.1% 38,869 (16,587) 55,455 -4,159.9 29,486.8 1,000.0 3,500.0	Harting to the second of the s	6.54% -4.10% 21.64% 9.5% 55,455 11,675 43,780 4,159.9 16,811.5 1,000.0 4,500.0	6.49% 7.92% 2.35% 9.9% 	4.78% 0.39% 6.58% 9.5% 558 - 558 22,469 4,159.9 - 1,000.0	5.97% 3.62% -0.51% 4.54% 9.2% 339 - 339 - 22,469 22,469 -1,000.0	22,469 - 22,469 - 4,159.9 - 1,000.0
55 56 57 58 59 60 61 62 64 65 67 68 69 70 71 72 73 74 75 76 77 78	Benefits (without PSERS) PSERS Debt Service Other Debt Service % of Budget Act 1 Exceptions PSERS Special Ed Fund Balance Beginning Fund Balance Transfer (to)/from Operating Budget Ending Fund Balance Fund Balance - Designation PSERS Fund Balance - Designation - Health Care Stabilization Fund Balance - Designation - Millage Rate Stabilization Fund Balance - Designation - Alternative Education	0.99% 5.08% 2.88% -1.97% 10.5% 31,906 (6.962) 38,869 -4,159.9 13,945.5 1,000.0		-16.78% 5.17% 3.79% -8.47% 11.11% 38,869 (16,587) 55,455 - - 4,159.9 29,486.8 1,000.0		6.54% 4.10% 21.64% 9.5% 55,455 11.675 43,780 4,159.9 16,811.5 1,000.0	6.49% 7.92% 2.35% 9.9% - - - - 43,780 21,311 22,469	4.78% 0.39% 6.58% 9.5% 558 - 558 22,469 22,469	5.97% 3.62% -0.51% 4.54% 9.2% 339 - 339 - 22,469 -24,159.9	22,469 22,469 22,469 4,159.9
55 56 57 58 59 60 61 62 64 65 67 68 69 70 71 72 73 74 75 76 77 78 79	Benefits (without PSERS) PSERS Debt Service Other Debt Service % of Budget Act 1 Exceptions PSERS Special Ed Fund Balance Beginning Fund Balance Transfer (to)/from Operating Budget Ending Fund Balance Fund Balance - Designation PSERS Fund Balance - Designation - Health Care Stabilization Fund Balance - Designation - Millage Rate Stabilization Fund Balance - Designation - Atheriative Education Fund Balance - Designation - Enrollment Growth Fund Balance - Designation - Enrollment Growth Fund Balance - Designation - Athletic Fund	0.99% 5.08% 2.88% -1.97% 10.5% 31,906 (6.962) 38,869 4,159.9 13,945.5 1,000.0 2,500.0 83.6		-16.78% 5.17% 3.79% -8.47% 11.1% 38,869 (16.587) 55,455 - - - - - - - - - - - - - - - - - -		6.54% 4.10% 21.64% 9.5% 55,455 11,675 43,780 4,159.9 16,811.5 1,000.0 4,500.0 128.9	6.49% 7.92% 2.35% 9.9%	4.78% 0.39% 6.58% 9.5% 558 - 558 22,469 4,159.9 1,000.0	5.97% 3.62% -0.51% 4.54% 9.2% 339 - 339 - 22,469 -22,469 -1,000.0 - 128.9	22,469 22,469 22,469 4,159.9 1,000.0
555 566 577 588 599 601 622 644 655 677 688 699 701 772 773 774 775 766 777 778 799 800	Benefits (without PSERS) PSERS Debt Service Other Debt Service % of Budget Act 1 Exceptions PSERS Special Ed Fund Balance Beginning Fund Balance Transfer (to)/from Operating Budget Ending Fund Balance Fund Balance - Designation PSERS Fund Balance - Designation - Health Care Stabilization Fund Balance - Designation - Millage Rate Stabilization Fund Balance - Designation - Atternative Education Fund Balance - Designation - Atternative Education Fund Balance - Designation - Atternative Education Fund Balance - Designation - Atthetic Fund Year End Unassigned/Undesig. FB	0.99% 5.08% 2.88% -1.97% 10.5% 31,906 (6.962) 38,869 4,159.9 13,945.5 1,000.0 2,500.0 83.6		-16.78% 5.17% 3.79% -8.47% 11.1% 38,869 (16,587) 55,455 -4,159.9 29,486.8 1,000.0 3,500.0		6.54% -4.10% 21.64% 9.5% 55,455 11,675 43,780 4,159.9 16,811.5 1,000.0 4,500.0	6.49% 7.92% 2.35% 9.9% 	4.78% 0.39% 6.58% 9.5% 558 - 558 22,469 4,159.9 - 1,000.0	5.97% 3.62% -0.51% 4.54% 9.2% 339 - 339 - 22,469 22,469 -1,000.0	22,469 - 22,469 - 4,159.9 - 1,000.0
555 566 577 588 599 601 622 644 655 677 688 699 701 772 773 774 775 766 777 788 799 800 811	Benefits (without PSERS) PSERS Debt Service Other Debt Service % of Budget Act 1 Exceptions PSERS Special Ed Fund Balance Beginning Fund Balance Transfer (to)/from Operating Budget Ending Fund Balance Fund Balance - Designation PSERS Fund Balance - Designation - Health Care Stabilization Fund Balance - Designation - Millage Rate Stabilization Fund Balance - Designation - Atheriative Education Fund Balance - Designation - Enrollment Growth Fund Balance - Designation - Enrollment Growth Fund Balance - Designation - Athletic Fund	0.99% 5.08% 2.88% -1.97% 10.5% 31,906 (6.962) 38,869 4,159.9 13,945.5 1,000.0 2,500.0 83.6		-16.78% 5.17% 3.79% -8.47% 11.1% 38,869 (16.587) 55,455 - - - - - - - - - - - - - - - - - -		6.54% 4.10% 21.64% 9.5% 55,455 11,675 43,780 4,159.9 16,811.5 1,000.0 4,500.0 128.9	6.49% 7.92% 2.35% 9.9%	4.78% 0.39% 6.58% 9.5% 558 - 558 22,469 4,159.9 1,000.0	5.97% 3.62% -0.51% 4.54% 9.2% 339 - 339 - 22,469 -22,469 -1,000.0 - 128.9	22,469 22,469 22,469 4,159.9 1,000.0
555 566 577 588 599 601 622 644 655 677 688 699 701 712 73 744 75 76 77 78 79 80 81 82	Benefits (without PSERS) PSERS Debt Service Other Debt Service % of Budget Act 1 Exceptions PSERS Special Ed Fund Balance Beginning Fund Balance Transfer (to)/from Operating Budget Ending Fund Balance Fund Balance - Designation PSERS Fund Balance - Designation - Health Care Stabilization Fund Balance - Designation - Millage Rate Stabilization Fund Balance - Designation - Atherative Education Fund Balance - Designation - Enrollment Growth Fund Balance - Designation - Athletic Fund Year End Unassigned/Undesig. FB % of Expenses	0.99% 5.08% 2.88% -1.97% 10.5% 31,906 (6.962) 38,869 4,159.9 13,945.5 1,000.0 2,500.0 83.6		-16.78% 5.17% 3.79% -8.47% 11.1% 11.1% 38,869 (16,587) 55,455 4,159,9 29,486.8 1,000.0 3,500.0 128.9		6.54% 4.10% 21.64% 9.5% 55,455 11,675 43,780 4,159.9 16,811.5 1,000.0 4,500.0 128.9	6.49% 7.92% 2.35% 9.9%	4.78% 0.39% 6.58% 9.5% 558 	5.97% 3.62% -0.51% 4.54% 9.2% 339 -339 -22,469 22,469 1,000.0 128.9	22,469 - 22,469 - 4,159.9 - 1,000.0 - 128.9
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55 56 57 58 59 60 61 62 64 65 67 78 79 71 72 73 74 75 76 77 78 79 80 81 82 83	Benefits (without PSERS) PSERS Debt Service Other Debt Service % of Budget Act 1 Exceptions PSERS Special Ed Fund Balance Beginning Fund Balance Transfer (to)/from Operating Budget Ending Fund Balance Fund Balance - Designation PSERS Fund Balance - Designation - Health Care Stabilization Fund Balance - Designation - Millage Rate Stabilization Fund Balance - Designation - Atherative Education Fund Balance - Designation - Enrollment Growth Fund Balance - Designation - Athletic Fund Year End Unassigned/Undesig. FB % of Expenses	0.99% 5.08% 2.88% -1.97% 10.5% 31,906 (6.962) 38,869 4,159.9 13,945.5 1,000.0 2,500.0 83.6		-16.78% 5.17% 3.79% -8.47% 11.1% 38,869 (16,587) 55,455 4,159.9 29,486.8 1,000.0 3,500.0 128.9		6.54% 4.10% 21.64% 9.5% 55,455 11,675 43,780 4,159.9 16,811.5 1,000.0 4,500.0 128.9	6.49% 7.92% 2.35% 9.9%	4.78% 0.39% 6.58% 9.5% 558 	5.97% 3.62% -0.51% 4.54% 9.2% 339 -339 -22,469 22,469 1,000.0 128.9	22,469 - 22,469 - 4,159.9 - 1,000.0 - 128.9
55 56 57 58 59 60 61 62 64 65 67 78 71 72 73 74 75 76 77 78 79 80 81 82 83 84	Benefits (without PSERS) PSERS Debt Service Other Debt Service % of Budget Act 1 Exceptions PSERS Special Ed Fund Balance Beginning Fund Balance Transfer (to)/from Operating Budget Ending Fund Balance Fund Balance - Designation PSERS Fund Balance - Designation - Health Care Stabilization Fund Balance - Designation - Millage Rate Stabilization Fund Balance - Designation - Atternative Education Fund Balance - Designation - Atternative Education Fund Balance - Designation - Attletic Fund Year End Unassigned/Undesig. FB % of Expenses Capital Reserves	0.99% 5.08% 2.88% -1.97% 10.5% 31,906 (6.962) 38,869 4,159.9 13,945.5 1,000.0 2,500.0 83.6 17,180 7.1%		-16.78% 5.17% 3.79% -8.47% 11.1% 11.1% 38,869 (16,587) 55,455 4,159.9 29,486.8 1,000.0 3,500.0 128.9 17,180 7.2%		6.54% 4.10% 21.64% 9.5% 55,455 11,675 43,780 4,159.9 16,811.5 1,000.0 4,500.0 128.9 17,180 6.4%	6.49% 7.92% 2.35% 9.9%	4.78% 0.39% 6.58% 9.5% 558 - 558 22,469 22,469 1,000.0 -128.9 17,180 5.9%	5.97% 3.62% -0.51% 4.54% 9.2% 339 - 339 - 22,469 - 22,469 - 1,000.0 - 128.9 - 17,180 - 5.7%	22,469 - 22,469 - 4,159.9 - 1,000.0 - 128.9 - 17,180 - 5.5%
55 56 57 58 59 60 61 62 64 65 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85	Benefits (without PSERS) PSERS Debt Service Other Debt Service % of Budget Act 1 Exceptions PSERS Special Ed Fund Balance Beginning Fund Balance Transfer (to)/from Operating Budget Ending Fund Balance Fund Balance - Designation PSERS Fund Balance - Designation - Health Care Stabilization Fund Balance - Designation - Millage Rate Stabilization Fund Balance - Designation - Athletic Fund Balance - Designation - Athletic Fund Year End Unassigned/Undesig. FB % of Expenses Capital Reserves Beginning Fund Balance	0.99% 5.08% 2.88% -1.97% 10.5% 31,906 (6,962) 38,869 4,159.9 13,945.5 13,945.5 1,000.0 2,500.0 83.6 17,180 7.1%		-16.78% 5.17% 3.79% -8.47% 11.1% 11.1% 38,869 (16.587) 55,455 -4,159.9 29,486.8 1,000.0 3,500.0 128.9 17,180 7.2% 20,813 4,687		6.54% 4.10% 21.64% 9.5% 55,455 11.675 43,780 4,159,9 16,811.5 1,000.0 4,500.0 128.9 17,180 6.4% 21,768 6,913	6.49% 7.92% 2.35% 9.9% 43,780 21,311 22,469 4,159.9 1,000.0 - 128.9 17,180 6.2%	4.78% 0.39% 6.58% 9.5% 558 - 558 22,469 22,469 1,000.0 128.9 17,180 5.9% 26,460 4,446	5.97% 3.62% -0.51% 4.54% 9.2% 339 - 339 - 22,469 - 1,000.0 - 128.9 - 17,180 - 5.7%	22,469 22,469 22,469 4,159.9 1,000.0 128.9 17,180 5.5%
556 577 588 599 601 622 644 655 677 688 699 701 712 73 74 75 76 77 78 79 80 81 82 83 84 85 86	Benefits (without PSERS) PSERS Debt Service Other Debt Service % of Budget Act 1 Exceptions PSERS Special Ed Fund Balance Beginning Fund Balance Transfer (to)/from Operating Budget Ending Fund Balance Fund Balance - Designation PSERS Fund Balance - Designation - Health Care Stabilization Fund Balance - Designation - Millage Rate Stabilization Fund Balance - Designation - Alternative Education Fund Balance - Designation - Enrollment Growth Fund Balance - Designation - Athletic Fund Year End Unassigned/Undesig. FB % of Expenses Capital Reserves Beginning Fund Balance Inflow	0.99% 5.08% 2.88% -1.97% 10.5% 31,906 (6.962) 38,869 4,159.9 13,945.5 1,000.0 2,500.0 83.6 17,180 7.1% 22,108 4,529		-16.78% 5.17% 3.79% -8.47% 11.11% 11.11% 38,869 (16,587) 55,455 -4,159.9 29,486.8 1,000.0 3,500.0 128.9 17,180 7.2%		6.54% 4.10% 21.64% 9.5% 55,455 11,675 43,780 4,159.9 16,811.5 1,000.0 128.9 17,180 6.4% 21,768 6.913 3,027	6.49% 7.92% 2.35% 9.9%	4.78% 0.39% 6.58% 9.5% 558 	5.97% 3.62% -0.51% 4.54% 9.2% 339 - 339 - 22,469 - 4,159.9 - 1,000.0 - 128.9 47,180 5.7%	22,469 22,469 22,469 4,159.9 1,000.0 128.9 17,180 5.5% 28,424 5,419 4,233
556 567 588 59 600 61 62 64 65 67 68 69 70 71 72 73 74 77 78 79 80 81 82 83 84 85 86 87	Benefits (without PSERS) PSERS Debt Service Other Debt Service % of Budget Act 1 Exceptions PSERS Special Ed Fund Balance Beginning Fund Balance Transfer (to)/from Operating Budget Ending Fund Balance Fund Balance - Designation PSERS Fund Balance - Designation - Health Care Stabilization Fund Balance - Designation - Millage Rate Stabilization Fund Balance - Designation - Alternative Education Fund Balance - Designation - Atternative Education Fund Balance - Designation - Atternative Education Fund Balance - Designation - Atthetic Fund Year End Unassigned/Undesig. FB % of Expenses Capital Reserves Beginning Fund Balance Inflow Outflow Year-end Fund Balance	0.99% 5.08% 2.88% -1.97% 10.5% 10.5% 31,906 (6,962) 38,869 4,159.9 13,945.5 1,000.0 2,500.0 83.6 17,180 7.19% 22,108 4,529 5.824 20,813		-16.78% 5.17% 3.79% -8.47% 11.11% 11.11% 38,869 (16,587) 55,455 -4,159,9 29,486.8 1,000.0 3,500.0 128.9 17,180 7.2% 20,813 4,687 3,732 21,768		6.54% 4.10% 21.64% 9.5% 55,455 11.675 43,780 4,159.9 16,811.5 1,000.0 4,500.0 128.9 17,180 6.4% 21,768 6,913 3.027 25,654	6.49% 7.92% 2.35% 9.9%	4.78% 0.39% 6.58% 9.5% 558 - 558 22,469 - 1,000.0 - 128.9 17,180 5.9% 26,460 4.446 3.643 27,263	5.97% 3.62% -0.51% 4.54% 9.2% 339 - 339 - 22,469 -2,469 -1,000.0 -128.9 -1,1,180 -5.7% -1,000.0 -1,000	22,469 - 22,469 - 4,159.9 - 1,000.0 - 128.9 - 17,180 5.5% - 28,424 5,419 4,233 29,610
556 57 58 59 60 61 62 64 65 67 68 69 70 71 72 73 74 75 76 77 78 80 81 82 83 84 85 86 87 88	Benefits (without PSERS) PSERS Debt Service Other Debt Service % of Budget Act 1 Exceptions PSERS Special Ed Fund Balance Beginning Fund Balance Transfer (to)/from Operating Budget Ending Fund Balance Fund Balance - Designation PSERS Fund Balance - Designation - Health Care Stabilization Fund Balance - Designation - Millage Rate Stabilization Fund Balance - Designation - Alternative Education Fund Balance - Designation - Athletic Fund Year End Unassigned/Undesig. FB % of Expenses Capital Reserves Beginning Fund Balance Inflow Outflow Year-end Fund Balance Year-end Fund Balance Year-end Fund Balance	0.99% 5.08% 2.88% -1.97% 10.5% 31,906 (6,962) 38,869 4,159.9 13,945.5 1,000.0 2,500.0 83.6 17,180 -7.1% 22,108 4,529 5,824 20,813 17,411		-16.78% 5.17% 3.79% -8.47% 11.1% 38,869 (16,587) 55,455 4,159,9 29,486,8 1,000,0 3,500.0 128,9 17,180 7.2% 20,813 4,687 3,732 21,768 17,864		6.54% 4.10% 21.64% 9.5% 55,455 11.675 43,780 4,159.9 16,811.5 1,000.0 4,500.0 128.9 17,180 6.4% 21,768 6.913 3.027 25,654 19,776	6.49% 7.92% 2.35% 9.9% 43,780 21,311 22,469 4,159,9 1,000.0 128.9 17,180 6.2% 25,654 4,301 3,495 26,460 18,764	4,78% 0.39% 6.58% 9.5% 558 - 558 22,469 22,469 1,000.0 128.9 17,180 5.9% 26,460 4,446 3,643 27,263 19,212	5.97% 3.62% -0.51% 4.54% 9.2% 339 - 339 - 22,469 -1,000.0 - 128.9 -1,180 -1,7% -1,263	22,469 22,469 22,469 4,159,9 1,000.0 128,9 17,180 5,5% 28,424 5,419 4,233 29,610 21,418
556 567 58 59 60 61 62 64 65 67 68 69 70 71 72 73 74 75 76 77 78 80 81 82 83 84 85 86 87 88 88	Benefits (without PSERS) PSERS Debt Service Other Debt Service % of Budget Act 1 Exceptions PSERS Special Ed Fund Balance Beginning Fund Balance Transfer (to)/from Operating Budget Ending Fund Balance Fund Balance - Designation PSERS Fund Balance - Designation - Health Care Stabilization Fund Balance - Designation - Millage Rate Stabilization Fund Balance - Designation - Alternative Education Fund Balance - Designation - Atternative Education Fund Balance - Designation - Atternative Education Fund Balance - Designation - Atthetic Fund Year End Unassigned/Undesig. FB % of Expenses Capital Reserves Beginning Fund Balance Inflow Outflow Year-end Fund Balance	0.99% 5.08% 2.88% -1.97% 10.5% 10.5% 31,906 (6,962) 38,869 4,159.9 13,945.5 1,000.0 2,500.0 83.6 17,180 7.19% 22,108 4,529 5.824 20,813		-16.78% 5.17% 3.79% -8.47% 11.11% 11.11% 38,869 (16,587) 55,455 -4,159,9 29,486.8 1,000.0 3,500.0 128.9 17,180 7.2% 20,813 4,687 3,732 21,768		6.54% 4.10% 21.64% 9.5% 55,455 11.675 43,780 4,159.9 16,811.5 1,000.0 4,500.0 128.9 17,180 6.4% 21,768 6,913 3.027 25,654	6.49% 7.92% 2.35% 9.9%	4.78% 0.39% 6.58% 9.5% 558 - 558 22,469 - 1,000.0 - 128.9 17,180 5.9% 26,460 4.446 3.643 27,263	5.97% 3.62% -0.51% 4.54% 9.2% 339 - 339 - 22,469 -2,469 -1,000.0 -128.9 -1,1,180 -5.7% -1,000.0 -1,000	22,469 - 22,469 - 4,159.9 - 1,000.0 - 128.9 - 17,180 5.5% - 28,424 5,419 4,233 29,610
556 567 58 59 60 61 62 64 65 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 90 90 90 90 90 90 90 90 9	Benefits (without PSERS) PSERS Debt Service Other Debt Service % of Budget Act 1 Exceptions PSERS Special Ed Fund Balance Beginning Fund Balance Transfer (to)/from Operating Budget Ending Fund Balance Fund Balance - Designation PSERS Fund Balance - Designation - Health Care Stabilization Fund Balance - Designation - Millage Rate Stabilization Fund Balance - Designation - Alternative Education Fund Balance - Designation - Athletic Fund Year End Unassigned/Undesig. FB % of Expenses Capital Reserves Beginning Fund Balance Inflow Outflow Year-end Fund Balance Year-end Fund Balance Year-end Fund Balance	0.99% 5.08% 2.88% -1.97% 10.5% 31,906 (6,962) 38,869 4,159.9 13,945.5 1,000.0 2,500.0 83.6 17,180 -7.1% 22,108 4,529 5,824 20,813 17,411		-16.78% 5.17% 3.79% -8.47% 11.1% 38,869 (16,587) 55,455 4,159,9 29,486,8 1,000,0 3,500.0 128,9 17,180 7.2% 20,813 4,687 3,732 21,768 17,864		6.54% 4.10% 21.64% 9.5% 55,455 11.675 43,780 4,159.9 16,811.5 1,000.0 4,500.0 128.9 17,180 6.4% 21,768 6.913 3.027 25,654 19,776	6.49% 7.92% 2.35% 9.9% 43,780 21,311 22,469 4,159,9 1,000.0 128.9 17,180 6.2% 25,654 4,301 3,495 26,460 18,764	4,78% 0.39% 6.58% 9.5% 558 - 558 22,469 22,469 1,000.0 128.9 17,180 5.9% 26,460 4,446 3,643 27,263 19,212	5.97% 3.62% -0.51% 4.54% 9.2% 339 - 339 - 22,469 -1,000.0 - 128.9 -1,180 -1,7% -1,263	22,469 22,469 2,469 4,159,9 1,000.0 128,9 17,180 5,5% 28,424 5,419 4,233 29,610 21,418

West Chester Area School District

Property and Finance Committee

March 15, 2021

Approval of Contract Award for Henderson High School Chiller Replacement

The Facilities and Operations Department is seeking approval of Johnson Controls, Inc. to furnish and install two (2) new chillers at Henderson High School in the amount of \$339,215.00. Pricing is provided through COSTARS Contract # 008-145 (see attached).

This General Fund Maintenance project was approved by the School Board in December 2020.

If you have any questions feel free to contact me.

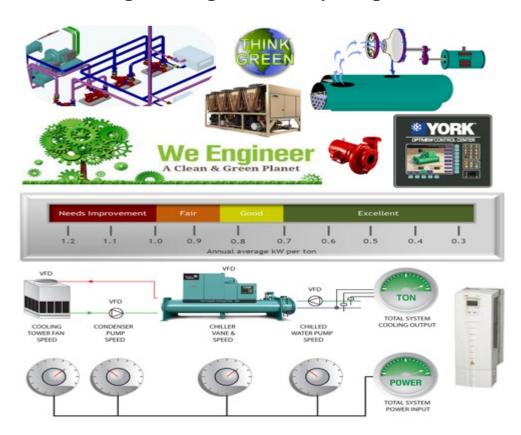
Mark A. Groves Capital Program Manager West Chester Area School District January 26, 2021





York Variable Speed Air Cooled Screw Chiller

Engineering & Turnkey Proposal



Henderson High School March 2021





Current Situation:

- The chillers is rated at a nominal 225 Tons with 25% P.G. Fluid.
- The chiller is over 20 years old and is using constant speed compressor technology.
- The chiller has out dated control technology.
- The manufactures warranty has expired.
- The existing chillers are not operating efficiently compared to current technology chillers.
- The chillers are constant speed opposed to variable speed.
- The current chiller micro panels are outdated compared to current micro panel technology.
- The each chiller uses 500 lbs. of R-134a refrigerant.

Proposed Solution:

• Furnish and install (2) York Air Cooled Variable Speed Drive Chiller with nominal 233 Tons each.

Full Load Efficiency

Intelligent cost reduction, flexible energy consumption

Behind the scenes ...

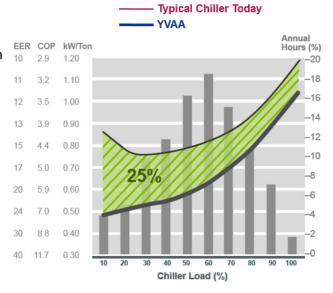
- Typical Chiller Today curve is based on a 10.0 EER
- YVAA can be 'Tailored & Tuned' from 10.0 to 11.6 EER

YVAA Configurations

- Various condenser and evaporator sizes can be selected in combination
- Larger heat exchangers yield higher full load efficiency

Falling Film Evaporator and Microchannel Condenser Coils are key to Full Load Efficiency ...

YVAA Efficiency vs. Ordinary Chiller



Annual Operating Cost

YVAA Options

- Standard YVAA typical selections have 15 17 IPLV
- Combination of optimized compressor, VSD fans & increased unit frame size allow you to configure any point up to 19.8 IPLV

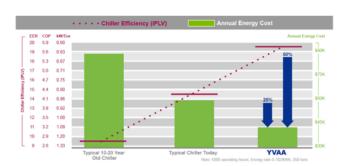
Behind the scenes ...

- Typical 10-20 year old chiller is based on a 9.0 IPLV
- Typical Chiller Today is based on a 14.5 IPLV
- YVAA chiller is based on 19.8 IPLV

Assumptions in this chart

- Electricity rate 0.1022 \$/kWh
- 5000 operating hours annually
- Chiller full load capacity 250 Ton

Let's take a look at the math...



Behind the scenes ...

- Simple Annual Energy Calculation (AEC) based on AHRI 550/590 IPLV formula
- Using the weighting factors at each load point we calculate the average load to be 58% (0.01 x 100%) + (0.42 x 75%) + (0.45 x 50%) + (0.12 x 25%) = 58%
- IPLV needs to be converted to kW/ton. 12 / EER = IPLV in kW/ton.
- AEC (\$) = IPLV (kW/ton) * Full load tonnage (ton) * 58% * Operating hours (hr) * Energy Rate (\$/kWh)

Assumptions in this chart

- AHRI conditions
- Electricity rate 0.1022 \$/kWh
- 5000 operating hours annually
- Chiller full load capacity 250 ton

AHRI 550/590 IPLV

71111111001	41 II (1 3 3 0 / 3 3 0 1 1 EV										
Load %	Air Temperature °F	Energy Efficiency	Operating Time %								
100	95	EER₁	1								
75	80	EER ₂	42								
50	65	EER ₃	45								
25	55	EER ₄	12								
IPLV = I	EER ₁ X 1% + EER ₂ X 42% +	EER ₃ X 45% +	EER₄ X 12%								

Annual Operating Cost

Behind the scenes ...

- AEC (\$) = [12 / IPLV] (kW/ton) * Full load tonnage (ton) * 58% * Operating hours (hr) * Energy Rate (\$/kWh)
- 9.0 IPLV:
 AEC = [12 / 9] (kW/ton) x 250 Ton x 58% x 5000 Hours x 0.1022 \$/kWh = \$ 98,793
- <u>14.5 IPLV</u>: AEC = [12 / <u>14.5</u>] (kW/ton) x <u>250 Ton x 58% x 5000 Hours x 0.1022 \$/kWh = \$ 61,320</u>
- <u>19.8 IPLV</u>: AEC = [12 / 19.8] (kW/ton) x 250 Ton x 58% x 5000 Hours x . 0.1022 \$/kWh = \$ 44,906
- Going from \$98,793 to \$44,906 of annual cost is a <u>55% reduction</u>
- Going from \$61,320 to \$44,906 of annual cost is a 27% reduction





Air Cooled Screw Chiller Performance Datasheet

Unit Tag	Qty	Model No	Net Cooling Capacity (ton.R)	Nominal Power Volts-Ph-Hz	Refrigerant Type
CH-1	1	YVAA0233BSM46BAVNXX	221.1	460-3-60.0	R134a

PIN:								
YVAA0233BS	M46BAVNXXX	SAXLXXXX60	44XOFXXV21	0W1SXGA2BM	XM5R1XXXXX	XB1SXX		
510	520	530	540	550	560	570	580	590

Evaporator	Data		Evaporator Da	ta (Cont.)	Performance Data		
EWT (°F)	54.	00	Fluid Volume (USGAL)	58.12	EER (BtuW·h)	9.548	
LWT (°F)	44 00		Min. Design Flow Rate (USGPM)*	250.0	IPLV.IP (Btu/W·h)	17.98	
Design Flow Rate (USGPM)	555.0		Max. Flow Rate (USGPM)	980.0	NPLV.IP (Btu/W·h)	17.33	
Total Press. Drop (ft H2O)	15	.5	Condenser	Data	Physical Data		
Fluid	Propylene Glycol (%)	1 /5	Ambient Temp. Design (°F)	95.0	Rigging Wt. (lb)	15146	
Fouling Factor (h.ft².F/Btu)	0.000	100	Altitude (ft)	0.000	Operating Wt. (lb)	15607	
Number Passes			Compressor Type	VSD Screw - Semi Hermetic	Refrigerant Charge (lb)	401.2	

Electrical Data					
Circuit	1	2	3	4	
Compressor kW	139.1	120.2			
Compressor RLA	184	159			
Fan QTY/FLA (each) 7 / 2.5 5 / 2.5					
Field Provided Wiring for Water Box Heaters (one connection per chiller): 120-1-60, 6A.					

	(Single Point			
Min. Circuit Ampacity	423				
Max. Fuse / CB Rating (A)	600				
Unit Short Circuit Withstand (STD)	50 [kA]				
Wires Per Phase	3				
Wire Range (Lug Size)	#2 - 600 kcmil				
Displacement Power Factor	0.95		Operating Condition Electrical Data		
Control kVA	2		Compressor kW	259.3	
			Total kW	277.9	

Notes:

Certified in accordance with the AHRI Air-Cooled Water-Chilling Packages Certification Program, which is based on AHRI Standard 550/590 (I-P) and AHRI Standard 551/591 (SI). Certified units may be found in the AHRI Directory at www.ahridirectory.org.

Unit contains freeze protection fluids in the evaporator with a leaving chilled fluid temperature above 32 DEG F [0 DEG C] and is certified when rated per the Standard with water. Auxiliary components included in total KW - Oil heaters, Chiller controls. Auxiliary power is already included in the compressor and fan power



Part Load Rating Data					
Load %	Ambient (°F)	Capacity (ton.R)	Total kW	Unit Efficiency (Btu/W⋅h)	
100	95.0	221.1	277.9	9.548	
75	80.1	165.8	143.7	13.85	
50	65.1	110.5	68.92	19.25	
25	55.0	55.27	28.88	22.97	

	Sound Power Levels (In Accordance with AHRI 370)									
Load %	Ambient (°F)	63 Hz (dB)	125 Hz (dB)	250 Hz (dB)	500 Hz (dB)	1 kHz (dB)	2 kHz (dB)	4 kHz (dB)	8 kHz (dB)	LWA
100	95.0	90	93	96	99	94	90	84	79	99
75	80.1	90	93	95	91	90	84	80	75	94
50	65.1	87	90	90	88	85	81	76	71	90
25	55.0	83	88	87	85	82	76	72	67	87

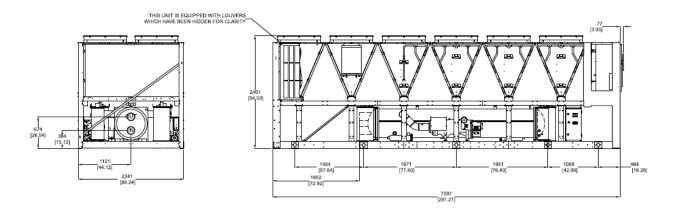
Note: Unit is equipped with Low Sound Kit (Level 1 Reduction) and Ultra Quiet Fans with Variable Speed Control.

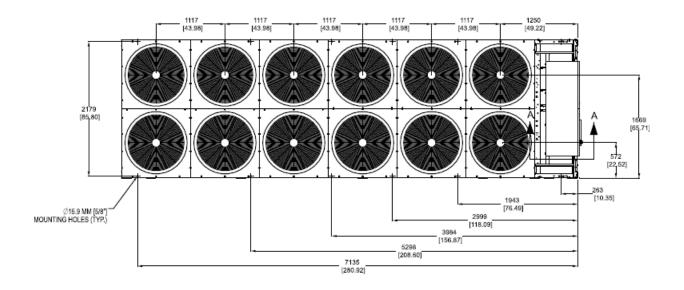
Performance at AHRI Conditions					
Evaporator Da	Conden	ser Data	Performance Data		
EWT (°F)	54.00	Ambient Temp. (°F)	95.0	EER (Btu/W·h)	9.928
LWT (°F)	44.00	Altitude (ft)	0.000	IPLV.IP (Btu/W⋅h)	17.98
Flow Rate (USGPM)	529.2			Net Cooling Capacity (ton.R)	221.1
Pressure Drop (ft H2O)	11.8				
Fluid	Water				
Fouling Factor (h.ft².F/Btu)	0.000100				
Fluid Volume (USGAL)	58.12				

Note: Unit rated at design condition capacity.

Part Load Rating Data at AHRI Conditions					
Load %	Ambient (°F)	Capacity (ton.R)	Total kW	Unit Efficiency (Btu/W⋅h)	
100	95.0	221.1	267.2	9.928	
75	80.0	165.8	140.1	14.20	
50	65.0	110.5	65.58	20.23	
25	55.0	55.27	28.15	23.56	

Drawing:







Johnson Controls COSTARS Contract # 008-145

Johnson Controls is pleased to supply the following Chiller, Options, and Labor Scope

Chiller Details and Scope:

- Quantity (2) YVAA0233BSM46BAVNXX (Nominal 233 Tons)
- High Efficiency Air Cooled VSD Screw Chiller
- Optimized Part Load Efficiency (IPLV)
- R-134a Refrigerant (Fully Charged)
- Voltage Code (460/3/60)
- Single Point Power Supply with Non-Fused Disconnect Switch with lockable handle
- Control Transformer
- BAS/Temperature Reset /Offset
- North American Safety Code (cUL/cETL)
- Suction and filter driers with service valves
- Water Box Heaters 120 Volt
- ASME Pressure Vessel & Associated Codes
- Louver Enclosure Panels on Condenser Coils for Hail Protection
- Ultra-Quiet Sound Condenser Fans with variable speed control
- Optimized Part Load (IPLV) Efficiency
- Low Sound Kit (Level 1 Reduction)
- Thermal Dispersion Flow switch
- 2-Pass Evaporator Rear Piping Connections
- Vibration Isolators 50 mm Deflection
- BACnet/Modbus/N2 (Native)
- Chiller Operational Training Included
- Furnish submittals for equipment being supplied
- Furnish a complete set of IOM and Parts manuals

Install Scope:

- Supply crane for rigging old and new chillers
- Provide labor for rigging
- Provide recovery of old refrigerant (customer to furnish recovery cylinders, customer to keep recovered R-134a if desired)
- Provide EPA documentation paperwork
- Dispose of old chillers
- Provide all pipe, fittings, and miscellaneous material to install the chillers
- Provide main 8" Nibco Isolation valves with manual gear operators
- Provide main 8" Nibco Bypass Valve with manual gear operators
- Provide main 8" VSI ATC Isolation Valves
- Provide a main 8" wye strainers
- Provide flex connectors
- Provide circuit setter balancing valves
- Provide thermometer, wells, gauges

- Provide drains and vents with ball valves
- Provide all labor to install chillers
- Provide pipe insulation, metal jacket, and labor to install
- Provide electrical material and labor for power wiring
- Provide Factory Trained Technicians for the Start Up of Chillers

Price for (2) Chillers & Install\$339,215 *** Includes 5 Year Warranty Labor, Parts and Refrigerant***					
APPROVED & ACCEPTED BY:					
Representative name (printed)	Representative (signature)				
Acceptance Date	Purchase Order Number				

Exclusions:

- Overtime not included
- Quoted price good for 60 days
- Work not specific to this proposal
- Sales Tax
- Permits not included
- Bonds
- Electrical switch gear
- Structural steel
- New Glycol

Johnson Controls-York Technician Credentials:

- Qualified Rigger/Signal person will perform work per OSHA 29 CFR part 1926.1430
- EPA-608 Certified Per 40 CFR, Part 82, Sub Part F (Refrigerant Recovery and Charging Certification)
- Confined Space Trained and Certified
- United Association UA-Star Certified
- United Association of Steamfitters & Servicemen, Safety Program Certification
- Johnson Controls Safety Program Certification
- York Factory Trained & Authorized Technicians
- Our team has over 300 years' experience working on York equipment

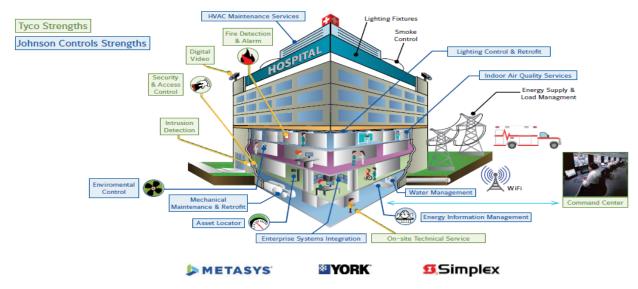
Thank you for the opportunity to offer Johnson Controls/York Maintenance and Energy Services. Please contact me if you have any questions.

Best Regards,

John De Joseph Commercial Customer Service Executive 610 721-4030 Mike Turriziani Account Sales Executive 610 247-6062

Johnson Controls, Inc.

Johnson Controls, Inc. and Tyco International, PLC. merged to form a new global leader in buildings and energy markets.



THE INDUSTRY-LEADING PORTFOLIO OF JOHNSON CONTROLS PRODUCT BRANDS



(IMPORTANT): This proposal incorporates by reference the terms and conditions which are attached to this document. All work is to be performed Monday through Friday during normal Johnson Controls, Inc. (JCI) business hours unless otherwise noted. This proposal, or any accepted alternates, are hereby accepted by Customer, and JCI is authorized to proceed with the work; subject, however, to credit approval by JCI, Milwaukee, Wisconsin.

TERMS AND CONDITIONS

By accepting this proposal, Customer agrees to be bound by the following terms and conditions:

1. SCOPE OF WORK. This proposal is based upon the use of straight time labor only. Plastering, patching, and painting are excluded. Disinfecting of chiller condenser and cooling tower water systems and components for biohazards, such as but not limited to Legionella, are excluded unless otherwise specifically stated in this agreement. In-line duct and piping devices, including, but not limited to valves, dampers, humidifiers, wells, taps, flow meters, orifices, etc., if required hereunder to be furnished by JCI, shall be distributed and installed by others under JCI's supervision but at no additional cost to JCI. Customer agrees to provide

JCI with required field utilities (electricity, toilets, drinking water, project hoist, elevator service, etc.) without charge. JCI agrees to keep the job site clean of debris arising out of its own operations. Customer shall not back charge JCI for any costs or expenses without JCI's written consent.

Unless specifically noted in the statement of the scope of work or services undertaken by JCI under this agreement, JCI's obligations under this agreement expressly exclude any language or provision of the agreement elsewhere contained which may authorize or empower the Customer to change, modify, or alter the scope of work or services to be performed by JCI and shall not operate to compel JCI to perform any work relating to Hazards or Biohazards, such as but not limited to Legionella, without JCI's express written consent.

2. INVOICE AND PAYMENTS. JCI may invoice Customer monthly for all materials delivered to the job site or to an off-site storage facility and for all work performed on-site and off-site. Customer shall pay JCI at the time Customer signs this agreement an advance payment equal to 10% of the contract price, which advance payment shall be credited against the final payment (but not any progress payment) due hereunder. Payment is due to JCI upon Customer's receipt of

JCI's invoice and shall be paid by Customer within 30 days. Invoicing disputes must be identified by Customer in writing within 21 days of the date of the invoice.

Payment of any disputed amounts are due and payable upon resolution of such dispute. All other amounts remain due within 30 days. Failure to make payments when due will give JCI, without prejudice to any other right or remedy, the right to: (i) stop performing any services, withhold deliveries of equipment and other materials, terminate or suspend any unpaid software licenses, and/or terminate this agreement; and (ii) charge Customer interest on the amounts unpaid at a rate equal to the lesser of one and one half (1.5) percent per month or the maximum rate permitted under applicable law, until payment is made in full. Customer will pay all of JCI's reasonable collection costs (including legal fees and expenses). In the event of Customer's default, the balance of any outstanding amounts will be immediately due and payable. Lien waivers will be furnished upon request, as the work progresses, to the extent payments are received.

- 3. MATERIALS. If the materials or equipment included in this proposal become temporarily or permanently unavailable for reasons beyond the control and without the fault of JCI, then in the case of such temporary unavailability, the time for performance of the work shall be extended to the extent thereof, and in the case of permanent unavailability, JCI shall (a) be excused from furnishing said materials or equipment, and (b) be reimbursed for the difference between the cost of the materials or equipment permanently unavailable and the cost of a reasonably available substitute therefore.
- **4. EQUIPMENT WARRANTY**. JCI warrants that equipment manufactured or labeled by JCI shall be free from defects in material and workmanship arising from normal usage for a period of one year. Only if JCI installs or furnishes a piece of equipment under this agreement, and that equipment is covered by a warranty from a manufacturer other than JCI, JCI will transfer the benefits of that manufacturer's warranty to Customer. All transportation charges incurred in connection with the warranty for equipment and/or materials not installed by JCI shall be borne by Customer. These warranties shall not extend to any equipment that has

been abused, altered, misused or repaired by Customer or third parties without the supervision of and prior written approval of JCI, or if JCI serial numbers or warranty date decals have been removed or altered. Customer must promptly report any failure of the equipment to JCI in writing.

5. LIMITED WARRANTY. JCI warrants its workmanship or that of its agents (Technicians) in relation to installation of equipment for a period of ninety (90) days from date of installation. Customer shall bear all labor costs associated with replacement of failed equipment still under JCI's equipment warranty or the original manufacturer's warranty, but outside the terms of this express labor warranty. All warranty labor shall be executed on normal business days during JCI normal business hours. These warranties do not extend to any equipment which has been repaired by others, abused, altered, or misused in any way, or which has not been properly and reasonably maintained. THESE WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO THOSE OF MERCHANTABILITY AND FITNESS FOR A SPECIFIC PURPOSE. UNDER NO CIRCUMSTANCES SHALL JCI BE LIABLE FOR ANY SPECIAL, INDIRECT, OR CONSEQUENTIAL DAMAGES ARISING FROM OR RELATING TO ANY DEFECT IN MATERIAL OR WORKMANSHIP OF

EQUIPMENT OR THE PERFORMANCE OF SERVICES. JCI makes no and specifically disclaims all representations or warranties that the services, products, software or third party product or software will be secure from cyber threats, hacking or other similar malicious activity.

- **6. LIABILITY.** To the maximum extent permitted by law, in no event shall JCI and its affiliates and their respective personnel, suppliers and vendors ("JCI Parties") be liable to you or any third party under any cause of action or theory of liability even if advised of the possibility of such damages, for any: (a) special, incidental, consequential, punitive, or indirect damages; (b) lost profits, revenues, data, customer opportunities, business, anticipated savings, or goodwill; (c) business interruption; or (d) data loss or other losses arising from viruses, ransomware, cyberattacks or failures or interruptions to network systems. In any case, the entire aggregate liability of the JCI Parties under this proposal for all damages, losses, and causes of action (whether in contract, tort (including negligence), or otherwise) shall be limited to the amounts payable to JCI hereunder.
- 7. TAXES. The price of this proposal does not include duties, sales, use, excise, or other taxes, unless required by federal, state, or local law. Customer shall pay, in addition to the stated price, all taxes not legally required to be paid by JCI or, alternatively, shall provide JCI with acceptable tax exemption certificates. JCI shall provide Customer with any tax payment certificate upon request and after completion and acceptance of the work.
- 8. DELAYS. JCI shall not be liable for any delay in the performance of the work resulting from or attributed to acts of circumstance beyond JCI's control, including

but not limited to; acts of God, fire, riots, labor disputes, conditions of the premises, acts or omissions of the Customer, Owner, or other Contractors or delays caused by suppliers or subcontractors of JCI, etc.

- 9. COMPLIANCE WITH LAWS. JCI shall comply with all applicable federal, state, and local laws and regulations, and shall obtain all temporary licenses and permits required for the prosecution of the work. Licenses and permits a permanent nature shall be procured and paid for by the Customer.
- 10. PRICING; PAYMENT. JCI may increase prices upon notice to the Customer to reflect increases in material and labor costs. Customer shall pay all invoices when due in accordance with the payment terms provided for herein, and such payment is a condition precedent to JCI's obligation to provide products or perform services hereunder. In issuing any purchase order related to or arising out of this proposal and notwithstanding any language to the contrary therein, Customer acknowledges and agrees that any and all JCI invoices for an amount greater than \$25,000 shall be paid via wire transfer, check or money order, and that

Customer shall not make, nor will JCI accept, payment in excess of \$25,000 in the form of a credit card, debit card, or other similar payment device.

- 11. DISPUTES. All disputes involving more than \$15,000.00 shall be resolved by arbitration in accordance with the rules of the American Arbitration Association. The prevailing party shall recover all legal costs and attorneys' fees incurred as a result. Nothing here shall limit any rights under construction lien laws.
- 12. INSURANCE. Insurance coverage in excess of JCI's standard limits will be furnished when requested and required. No credit will be given or premium paid by JCI for insurance afforded by others.
- 13. INDEMNITY. The Parties hereto agree to indemnify each other from any and all liabilities, claims, expenses, losses or damages, including attorney's fees which may arise in connection with the execution of the work herein specified and which are caused, by the negligent act or omission of the indemnifying Party.
- 14. CUSTOMER RESPONSIBILITIES. Customer is solely responsible for the establishment, operation, maintenance, access, security and other aspects of its computer network ("Network") and shall supply Johnson Controls secure Network access for providing its services. Products networked, connected to the internet, or otherwise connected to computers or other devices must be appropriately protected by Customer and/or end user against unauthorized access. Customer is responsible to take appropriate measures, including performing back-ups, to protect information, including without limit data, software, or files (collectively "Data") prior to receiving the service or products.
- 15. FORCE MAJEURE. JCI shall not be liable, nor in breach or default of its obligations under this proposal, for delays, interruption, failure to render services, or any other failure by JCI to perform an obligation under this proposal, where such delay, interruption or failure is caused, in whole or in part, directly or indirectly, by a Force Majeure Event. A "Force Majeure Event" is a condition or event that is beyond the reasonable control of JCI, whether foreseeable or unforeseeable, including, without limitation, acts of God, severe weather (including but not limited to hurricanes, tornados, severe snowstorms or severe rainstorms), wildfires, floods, earthquakes, seismic disturbances, or other natural disasters, acts or omissions of any governmental authority (including change of any applicable law or regulation), epidemics, pandemics, disease, viruses, quarantines, or other public health risks and/or responses thereto, condemnation, strikes, lock-outs, labor disputes, an increase of 5% or more in tariffs or other excise taxes for materials to be used on the project, fires, explosions or other casualties, thefts, vandalism, civil disturbances, insurrection, mob violence, riots, war or other armed conflict (or the serious threat of same), acts of terrorism, electrical power outages, interruptions or degradations in telecommunications, computer, network, or electronic communications systems, data breach, cyber-attacks, ransomware, unavailability or shortage of parts, materials, supplies, or transportation, or any other cause or casualty beyond the reasonable control of JCI. If JCI's performance of the work is delayed, impacted, or prevented by a Force Majeure Event or its continued effects, JCI shall be excused from performance under this proposal. Without limiting the generality of the foregoing, if JCI is delayed in achieving one or more of the scheduled milestones set forth in this proposal due to a Force Majeure Event, JCI will be entitled to extend the relevant completion date by the amount of time that JCI was delayed as a result of the Force Majeure Event, plus such additional time as may be reasonably necessary to overcome the effect of the delay. To the extent that the Force Majeure Event directly or indirectly increases JCI's cost to perform the services, Purchaser is obligated to reimburse JCI for such increased costs, including, without limitation, costs incurred by JCI for additional labor, inventory storage, expedited shipping fees, trailer and equipment rental fees, subcontractor fees or other costs and expenses incurred by JCI in connection with the Force Majeure Event.
- 16. OCCUPATIONAL SAFETY AND HEALTH. The Parties hereto agree to notify each other immediately upon becoming aware of an inspection under, or any alleged violation of the, Occupational Safety and Health Act relating in any way to the project or project site.
- 17. ONE-YEAR CLAIMS LIMITATION. No claim or cause of action, whether known or unknown, shall be brought against JCI more than one year after the claim first arose. Except as provided for herein, JCI's claims must also be brought within one year. Claims for unpaid contract amounts are not subject to the one-year limitation.
- 18. JCI CONNECTED EQUIPMENT SERVICES. Certain equipment sold hereunder includes by default JCI's Connected Equipment Services. Connected

Equipment Services is a data-analytics and monitoring Software platform that uses a cellular or network connection to gather equipment performance data to assist JCI in advising Customer on (and Customer in better understanding) such equipment's health, performance or potential malfunction. If Customer's equipment includes Connected Equipment Services, such services will be on by default and the remote connection will continue to connect to Customer's Equipment through the full equipment lifecycle, unless Customer specifically requests in writing that JCI disable the remote connection or JCI discontinues or removes such remote connection. For more information on whether your particular equipment includes Connected Equipment Services, a subscription to such services and the cost, if any, of such subscription, please see your applicable order, quote, proposal, or purchase documentation or talk to your JCI sales representative. If Customer's equipment includes Connected Equipment Services, JCI will provide a cellular modem or other gateway device ("Gateway Device") owned by JCI or Customer will supply a network connection suitable to establish a remote connection with Customer's applicable equipment to permit JCI to use Connected Equipment Services to perform first-year and extended warranty services as well as other services, including troubleshooting, quarterly health reports, remote diagnostic and monitoring and aftermarket services. For certain subscriptions, Customer will be able to access equipment information from a mobile or smart device using Connected Equipment Service's mobile or web app. Any Gateway Devices provided hereunder shall remain JCI's property, and JCI may upon reasonable notice access and remove such Gateway Device and discontinue services in accordance with the Software Terms. If Customer does not permit JCI to connect via a connection validated by JCI for the equipment and a service representative must therefore be dispatched to the Customer site, then the Customer will pay JCI at JCI's then-current standard applicable contract regular time and/or overtime rate for services performed by the service representative. JCI disclaims any obligation to advise Customer of any possible equipment error or malfunction. Customer acknowledges that, while Connected Equipment Services generally improve equipment performance and services, Connected Equipment Services does not prevent all potential malfunction, insure against all loss or guarantee a certain level of performance and that JCI shall not be responsible for any injury, loss, or damage caused by any act or omission of JCI related to or arising from the monitoring of the equipment under Connected Equipment Services.

19. SOFTWARE AND DIGTAL SERVICES. Use, implementation, and deployment of the software and hosted software products ("Software") offered under these terms shall be subject to, and governed by, JCI's standard terms for such Software and Software related professional services in effect from time to time at https://www.johnsoncontrols.com/techterms (collectively, the "Software Terms"). Applicable Software Terms are incorporated herein by this reference. Other than the right to use the Software as set forth in the Software Terms, JCI and its licensors reserve all right, title, and interest (including all intellectual property rights) in and to the Software and improvements to the Software. The Software that is licensed hereunder is licensed subject to the Software Terms and not sold. If there is a conflict between the other terms herein and the Software Terms, the Software Terms shall take precedence and govern with respect to rights and responsibilities relating to the Software, its implementation and deployment and any improvements thereto.

- **20. ENTIRE AGREEMENT.** This proposal, upon acceptance, shall constitute the entire agreement between the parties and supersedes any prior representations or understandings.
- 21. CHANGES. No change or modification of any of the terms and conditions stated herein shall be binding upon JCI unless accepted by JCI in writing.

West Chester Area School District Property and Finance Committee March 15, 2021

Approval of Revised Board Policy 707, School District Facility Use, First Reading

Attached for Board approval is a copy of the first reading of Revised Board Policy 707, School District Facility Use. The policy received minor revisions to reflect current terminology and policy references to other Board policies.

Kevin Campbell Director of Facilities and Operations March 10, 2021



Book Policy Manual

Section 700 Property

Title School District Facility Use

Code 707

Status First Reading

Adopted July 1, 2015

Last Reviewed May 27, 2015

Purpose

The Board recognizes the needs of the community to use the district's facilities for educational, recreational, social, cultural, and civic purposes when they are not scheduled for school district programs or maintenance. It shall be the policy of the Board to permit the use of school facilities beyond the legal requirements by responsible groups located in the school district.

To establish policy guidelines for the administration to follow in managing the use by outside groups of any school district facility, including but not limited to: buildings, athletic fields, tennis courts, basketball courts, tracks, and any and all other outside areas of district property including parking lots, roads and driveways, sidewalks, and other miscellaneous outside areas.

It is the intent of the Board to permit the use of the school district's facilities with preference given by Group Type and residency requirements. Usage will only be permitted to the extent that it does not interfere with any school district use and is not detrimental to the school district in any way.

The school district retains the right to allow the administration to deny or cancel the use of any facility when the administration deems that use is not in the best interests of the school district. The school district will deny or cancel the use of any facility by any group it determines is engaged in any activity which is fraudulent or unlawful in nature. The granting of use of any school district facility does not obligate the school district to make the facility available in any contractual manner.

Authority

The Board authorizes the Superintendent, the Director of Facilities and Operations, or their designee to revoke any permit Facility Use Approval Letter. School facility availability is affected by convenience, requirements, and activities. The school district may assign necessary employees to staff buildings. The user and/or sponsoring organization will pay all expenses as listed in accordance with the chart in 707-AG-1.

School, school-related, community or civic/service, and other organizations or individuals that provide educational, recreational, social, cultural, and civic programs are eligible to use the school facilities. Governmental agencies may use school facilities for public hearings, meetings, recreational activities, and elections in accordance with this policy.

When there is a question regarding a Request for Use eligibility, the request shall be resolved by the Director of Facilities and Operations. If eligibility is contested, the request shall be referred to the Superintendent. The Superintendent will review the request and recommend action by the Board.

SECTION 1 - CATEGORIES OF USER GROUPS

All users of school district facilities will fall into one (1) of the following category types:

Type 1 - Scholastic Activities, Student Organizations, And School District-Sponsored Activities

School organizations such as classes, clubs, athletic teams, CCIU, and school-sponsored events whose primary purpose and function is to support the school district's programs shall be allowed free use of school facilities outside of regular school hours for regular meetings, approved social functions, and athletic contests under the conditions and procedures established by the administration. No fees are required for groups using school district facilities during regularly scheduled custodial staffing hours. Activities and events may be held Mondays through Fridays no earlier than 7:00 AM and shall conclude by 11:00 P.M. Exceptions will be considered on a case-by-case basis by the Director of Facilities and Operations or his/her designee.

If admission for any event is charged, the proceeds should exclusively benefit the sponsoring Type 1 organization or the school district; otherwise, fees will be charged for school district staff labor, as required for the event.

Type 2 - School-Related Parent Organizations And Booster Groups

PTOs, booster groups, and other such school-related parent organizations shall be allowed use of school facilities outside of regular school hours for meetings. Rental fees for the use of facilities will only be charged if an admission for an event or registration fee is collected, or use occurs outside of normal custodial staffing hours. Fees will be in accordance with the fee schedule in 707-AG-1.

Type 3 - Emergency Service Organizations (Federal, State, Municipal) And Voter Services

Emergency service organizations (federal, state, municipal) and voter services shall be allowed free use of school facilities outside of regular school hours for regularly scheduled meetings and approved functions under the conditions and procedures established by the administration. No fees are required for groups using school district facilities during regularly scheduled custodial staffing hours. Fees for use of facilities outside normal custodial staffing hours will be in accordance with the fee schedule in 707-AG-1.

Type 4 – Municipality-Sponsored Recreation

Recreation camps, leagues, etc., sponsored or run by a municipality within the boundaries of the West Chester Area School District, shall be allowed use of school facilities outside of regular school hours for events and approved functions under the conditions and procedures established by the administration. Fees are required for groups using school district facilities in accordance with the fee schedule in 707-AG-1.

<u>Type 5A & 5B - Nonprofit Continuing Education, Nonprofit Cultural Education, Nonprofit Performance Groups, Girl Scouts, And Boy Scouts</u>

Nonprofit continuing education (Chester County Night School, colleges and universities, etc.), nonprofit cultural education (Huaxia Chinese School, etc.), nonprofit performance groups (such as Chester County Concert Band, Chester County Pops, etc.), and the Girl Scouts and Boy Scouts of America shall be allowed use of school facilities outside of regular school hours for regular meetings, events, and approved functions under the conditions and procedures established by the administration. Fees are required for groups using school district facilities in accordance with the fee schedule in 707-AG-1.

Type 5A groups are those whose membership is composed of at least sixty percent (60%) West Chester Area School District residents.

Type 5B groups are those whose membership is not composed of at least sixty percent (60%) West Chester Area School District residents.

Nonprofit groups are any group with an IRS letter showing 50l (c) 3 tax exempt status.

Type 6A & 6B - Nonschool-Related, Nonprofit Community Groups And Activities

Organized groups which are nonprofit, and charge a fee, tuition, registration, membership fee, admission cost, etc., such as YMCA, recreational sports clubs, religious groups, homeowner groups, etc., shall be allowed use of school facilities outside of regular school hours for regular meetings, events, and approved functions under the conditions and procedures established by the administration. Fees are required for groups using school district facilities in accordance with the fee schedule in 707-AG-1.

Type 6A groups are those whose membership is composed of at least sixty percent (60%) of West Chester Area School District residents.

Type 6B groups are those whose membership is not composed of at least sixty percent (60%) of West Chester Area School District residents.

Nonprofit groups are any group with an IRS letter showing 50l (c) 3 tax exempt status.

Type 7 - Nonschool-Related Community, For-Profit Organizations And Activities

Organized groups which are for-profit and/or charge a fee, tuition, registration, membership fee, admission cost, etc., such as a private individual or private enterprise group shall be allowed use of school facilities outside of regular school hours for regular meetings, events, and approved functions under the conditions and procedures established by the administration. Fees are required for groups using school district facilities in accordance with the fee schedule in 707-AG-1.

For-profit groups are any groups that are not a nonprofit group. A nonprofit group is any group with an IRS letter showing 501 (c) 3 tax exempt status.

Type 8 - Others

Any other entity not included in the classes listed in Type 1-7, or any entity that charges an entry/gate fee (P.I.A.A. for a non-ChesMont activity), tuition, registration, admission cost, etc., such as a special interest group, political party, etc., shall be allowed use of school facilities outside of regular school hours for regular meetings, events, and approved functions under the conditions and procedures established by the administration. Fees for this group type will be determined on an individual basis, by facility use and staffing requirements per event, by the Director of Facilities and Operations or his/her designee.

Kitchen Use

Groups will not be permitted to use kitchens unless special arrangements are made with the school district and the school district's cafeteria service vendor. Any group wishing to use the food service facilities must contact the school district's cafeteria service vendor to obtain contracted services. Special fees will be charged for kitchen use in accordance with the fee schedule in 707-AG-1 and the school district's cafeteria service vendor. A cafeteria employee must be present at all times. This requirement cannot be waived due to the importance of guaranteeing sanitation of all kitchen equipment for the next use by the school, and safety of all food supplies and equipment.

Cooking Labs

No group will be allowed to utilize a cooking lab without school district staff present. School district staff presence required for cooking lab rental must be arranged by the rental group.

SECTION 2 - PERMITS Facility Use Approval Letter

A permit Facility Use Approval Letter is required for the use of any building or part thereof, or for the use of any outside facility. Any group or individual using a facility without a Facility Use Permit Approval Letter is trespassing and will be removed and/or prosecuted at the discretion of the administration.

- 1. Permits for the use of the building, or parts thereof, are called Building Use Permits, 707 AG 2.
- 2. Permits for the use of any outside facilities are called Field Use Permits, 707 AG 3.
- 1. A Facility Use Approval letter may be obtained by submitting a Request for Facility Use on the district website and printing the notification of approval. The notification of approval is the Facility Use Approval Letter.
- 3. Building Use Applications (707 AG 4) and Field Use Applications (707 AG 5) for permits are available at the Operational Services Office, 1181 McDermott Drive, West Chester, PA, 19380, or via
- 2. Application for a Facility Use Approval Letter is available on the school district website at: https://www.wcasd.net/Page/569. Applications are to be submitted to the Operational Services Office when completed. Applications should be made at least twenty (20) ten (10) days prior to a requested facility use and will not be accepted prior to 180 calendar days before the first date requested on the application.
- **3**. Approval process The following requirements must be met before a Facility Use **Approval Letter** Permit-will be issued:
 - a. The application must be completely filled out and signed by a person authorized to represent the requesting group.
 - b. The application and intended use must be in compliance with this policy.
 - c. The application must be approved by both the principal and the Director of Facilities and Operations, or their designees.
 - d. An acceptable certificate of insurance must be in the possession of the school district.
- 4. The issuance of a Facility Use **Approval Letter** Permit-does not imply a contractual agreement between the end user and the school district. The school district may revoke the Facility Use **Approval Letter** Permit at any time if it is deemed in the best interest of the school district and will return any fees which may have been collected. The school district may revoke any Facility Use **Approval Letter** Permit when, in the school district's opinion, the user group violates this policy, school district building or field rules and regulations, or the use is fraudulent or illegal or negatively impacts the school district in any way. Any group under investigation or that has been convicted of fraudulent or illegal activity will be denied a permit. **an Approval Letter.**
- 5. Use of school district facilities is automatically cancelled when the facilities are closed by school authorities because of local, state, or national disasters or emergencies, school construction, or normal weather-related school closings.
- 6. The school district is authorized to curtail the use of school district athletic fields in case of inclement weather or other field maintenance work.
- 7. All activities begin no earlier than 7:00 AM and shall terminate by 11:00 P.M. (Exceptions will be considered on a case-by-case basis by the Director of Facilities and Operations.)
- 8. All buildings are to be used "as is". Any special accommodations such as setting up chairs, tables, or using PA systems, lighting systems, etc., shall require prior approval by the school district, and the costs for school district personnel labor will be borne by the outside group.

- 9. Field Use Application Seasons:
 - a. Warm Weather Season: March 15th to November 30th.
 - b. Cold Weather Season: December 1st to March 14th.
 - c. The season dates are for administrative purposes only. They do not mean that fields and outside facilities will be available for the full extent of these seasons. Prior to the beginning of each season, there will be a one (1) month open application period. All applications received during that time period will be processed together.
 - i. Warm Weather Season Open Application Period: January 15th February 15th.
 - ii. Cold Weather Season Open Application Period: October 1st to October 30th.
 - d. Once all applications have been received, use will be granted according to the priority determined by this policy (lowest category type has higher priority).

SECTION 3 - INSURANCE REQUIREMENTS

All user groups, except Type 1 and Type 2, are required to have liability, casualty, or other insurance coverage protecting the school district as a named insured and must provide evidence of the same which is acceptable to the school district covering the duration of the Facility Use Permit Approval Letter. All user groups, except Type 1, will defend, indemnify, and hold harmless the school district from any and all loss, damage, liability, claim, demand, suit, or proceeding of whatever kind arising out of, or relating to such use of the school district's facilities. This evidence must be submitted before any Facility Use Permit Approval Letter is issued and no later than ten (10) calendar days prior to the first event on the application. Failure to do so will automatically void the application. The insurance requirements, including types and limits, will be established by the Director of Business Affairs, who will review and revise as necessary on a three (3) year cycle beginning in 2015.

Determination as to whether a group's insurance is acceptable will be made by the Director of Facilities and Operations or his/her designee.

SECTION 4 - FEE SCHEDULE

Facility use fees will be in accordance with 707-AG-1. The fee schedule is compatible with individual, group and organization category types listed in this policy and includes: (1) building space use fees; (2) field use fees; and (3) custodial/grounds/maintenance technical service staffing fees.

- 1. Type 2 and 3 groups will not be charged a facility use fee for using a building when custodial staff is normally scheduled to work, provided no admission or entrance fees are charged.
- 2. All facility use fees must be paid within twenty (20) days after receipt of invoice from the school district. Failure to pay all fees within that period will void other use dates or applications by group.
- 3. A user has until seven (7) three (3) days prior to the indoor event to cancel in order to receive a fee refund. If the school district cancels the event at any time, a full refund will be made.
- 4. A user has until—seven (7) three (3) days prior to the outdoor event to cancel in order to receive a fee refund if the user falls into the 1-59 Hours Group Hour Use Range (see 707-AG-1-School District Facility Use Fee Schedule). User groups that fall into hour use ranges above the 1-59 Hours range will not be due a refund. The school district will endeavor to reschedule all events canceled due to inclement weather.
- 5. The school district retains the right to require documentation establishing the nonprofit status of any group. Specifically, the group must be registered with the Internal Revenue Service as a nonprofit organization. Failure to provide such documentation will result in the requirement to pay building use fees.

Misrepresentation of this status will result in denial of any Facility Use Permits Approval

Letter for either a temporary or permanent time period at the discretion of the school district.

- 6. The school district retains the right to charge for labor and materials required to restore an area to its original condition if it is left messy, damaged, or in disarray after their use.
- 7. It is absolutely mandatory that a school district employee be in the building at all times when an outside group is there. In some special cases, more than one (1) person may be required by the school district. The applicant group will be notified and billed accordingly.
- 8. School district-owned equipment may not be used unless specifically requested on the application and approved by the school district. An additional fee may be charged for the use, set up, and operation of school district-owned equipment. School district personnel charges will be assessed in accordance with 707-AG-1 for the set up and operation of school district-owned equipment. Damage to school district-owned equipment during a group's facility use event will be charged to the user group for repair or replacement at the school district's discretion.
- 9. Fees will be determined by the administration and Board and documented as per school district 707-AG-1. The fee schedule will be reviewed every three (3) years starting in 2015 by the administration and revised as deemed appropriate, and by school district personnel association agreement revisions.
 - Regular custodial hours are Monday through Friday 7:00 AM to 11:00 PM on regularly scheduled school days.
- 10. A personnel fee will be assessed to users for: a) use of the buildings during non-regularly scheduled custodial hours; b) for the set up/tear down of school district-owned equipment and/or labor to operate that equipment for an event; c) clean up after an event, if required; d) parking attendants when needed for events; and e) other requests by the user group.
- 11. Fees may be waived by the Superintendent or his/her designee under special circumstances.

SECTION 5 - RESTRICTIONS ON FACILITY USE

The issuance of a Facility Use Permit Approval Letter does not remove certain restrictions which may be imposed by the school district. All building and fields exist primarily for use by students. Therefore, the school district will impose certain restrictions as needed regarding how buildings and fields are used by outside groups. This will include, but not be limited to the following:

- 1. No user groups will be given permission to use any school district facility during regular school hours that would in any way disrupt the learning environment at the schools. This also applies when summer school is in session.
- 2. If the school district closes schools early for the day due to inclement weather, the building use is automatically cancelled and a refund will be made, if appropriate.
- 3. The school district will apply the following priority order to user types when scheduling facility uses: Type 1, Type 2, Type 3, Type 4, Type 5A, Type 5B, Type 6A, Type 6B, Type 7, then Type 8.
- 4. If a conflict in schedule arises between two (2) applicants of the same Type, priority of use will be granted to an activity that involves school age children over adult participants.
- 5. Type 5A and 6A User Groups must meet a Residency Requirement of at least sixty percent (60%) West Chester Area School District residents.
- 6. Classrooms at elementary schools will not be permitted for use.
- 7. No use will be permitted which, in the opinion of the administration, has the potential to damage the buildings, fields, or other outside areas, or interferes with the school district's operations in

any way.

8. The administration will maintain a set of School District Facility Use Rules, which will be imposed upon user groups and will address conduct by the group on all school district property.

- 9. The school district may take fields, buildings, or sections thereof out of use due to maintenance work or renovation work.
- 10. The school district may cancel use of fields due to wet or other conditions that would cause damage to the field surface.
- 11. The school district retains the right to exclude a limited number of fields and other outside facilities from outside use.
- 12. The school district may require school district personnel be present during certain field or outside facility events because of utilities, use of school district items, or for the purposes of opening facilities and locking up. In these instances, the user group will pay a labor fee per the fee schedule in 707-AG-1 in addition to any other applicable facility use fees.
- 13. The school district reserves the right to relocate or offer alternative space to the user.
- 14. The possession, use or distribution of alcohol alcoholic beverages, tobacco and vaping products, including the product marketed as Juul and other e-cigarettes as defined in the law, nonprescription drugs, and firearms are PROHIBITED on school district property. School district property includes all buildings, fields, parking lots, and ancillary areas within the school district's property boundaries.
- 15. All decorations and any temporary materials must be fireproof and must be approved by school building representatives. Open flame decorations will not be used anywhere in the buildings. No objects will be permanently fastened to walls, ceilings, and/or floors. Removal of all decorations, user belongings and trash will be completed immediately after the activity ends.

SECTION 6 - USER GROUP RESPONSIBILITIES

Outside user groups will be responsible for the safety and welfare of all of their members and spectators and will assume the following responsibilities:

1. Buildings:

- a. Determination as to whether the building is safe for their planned use.
- b. Reimbursement to the school district for the cost of any damage which, in the school district's determination, resulted from the group's use.
- c. Conduct and behavior of its members and spectators.
- d. Enforcement of all School District Facility Use Rules among its members and spectators.
- 2. Fields and other outside areas:
 - a. Determination as to whether the field or outside facility is safe for their use.
 - b. Determination as to whether the field is not too wet to play on without damaging it.
 - c. Reimbursement to the school district for the cost of any damage which, in the school district's sole determination, resulted from the group's use.
 - d. Conduct and behavior of all its members and spectators.

e. Enforcement of all school district Field Rules among its members and spectators.

f. All field users must obtain proper training (by attending the annual training session for all coaches) and abide by the school district's field status indicator flags flown at each of the secondary building fields. Tampering with, removing, or disregarding the field status flag will be considered vandalism, and organizations may at the discretion of the administration be penalized, charged for damages, and/or the organization permit may be revoked.

Legal

24 P.S. 511
24 P.S. 775
24 P.S. 779
22 PA Code 403.1
61 PA Code 901.1
61 PA Code 901.701
10 P.S. 328.101 et seq
35 P.S. 1223.5
20 U.S.C. 7181 et seq
20 U.S.C. 7905
Pol. 000