

# This report was reviewed and accepted by the Prince William County Investment Oversight Committee on August 24, 2023

Chair	Michelle L. Attreed, CFO
Standing Member	Timothy M. Leclerc, Deputy Finance Director
Appointed by County Executive	
	SCIE
	Quintin Haynes, Deputy County Executive - General Government
	Dave Sinclair, Budget Director
	Wade Hugh, Deputy County Executive - Community Development
Citizen Members Appointed by	the Board of County Surjervisors
	Mr. Bill Brogdon
	Mr. Todd Hewitt
	IVIT-TOUG NEWILL

#### **EXECUTIVE SUMMARY**

This report reflects the FY 2023 fourth quarter performance of the County's investment management program for the quarter ended June 30, 2023, prepared in accordance with the County's Investment Policy reporting guidelines. Prince William County's *Principles of Sound Financial Management* and Investment Policy adopted by the Board of County Supervisors (BOCS) require that the County's investment program meet four criteria, listed below in order of importance:

- **Legality -** "Investment instruments shall, at a minimum, be limited to security, issuers and maturities in compliance with the Code of Virginia (1950) as amended"
- **Safety -** "The next objective is the preservation of capital and the protection of investment principal. The County will employ mechanisms to control risks and diversify its investments regarding specific security types or individual financial institutions"
- **Liquidity -** "The investment portfolio will remain sufficiently liquid to enable the County to meet operating requirements which might be reasonably anticipated"
- **Yield -** "The County will maximize yield on the portfolio but will avoid unreasonable investment risk to preserve the purchasing power of the portfolio"

The County's General Portfolio's performance during the quarter was consistent with prevailing market conditions. Attempting to curtail above target inflation, the Federal Reserve has raised the Federal Funds rate to a range of 5.25% - 5.50%. While a camp of investors believes the Federal Reserve's financial tightening campaign has come to an end, some market observers have suggested interest rates may need to be higher to achieve the Fed's 2.0% target. Treasury Management has attempted to mitigate interest rate risk and grow investment income by leveraging rising interest rates on cash/cash equivalents, while balancing potential downside risks to economic conditions through select purchases of longer duration fixed income instruments.

# INVESTMENT PORTFOLIO STRUCTURE

The County's General Portfolio is comprised of all funds except certain restricted and special funds, i.e., bond proceeds, escrow, pension funds and self-insurance funds. All general fund interest income is earned from securities in the general portfolio. Bond proceeds are invested in accordance with the requirements and restrictions outlined in the bond documents as directed by the Debt Management Team and reported and provided as an attachment to this report.

#### **INVESTMENT STRATEGY**

The current investment strategy addresses the requirements of legality, safety, and liquidity by investing in a diversified portfolio of specific security types and financial institutions while maintaining sufficient liquidity to meet anticipated operating requirements. Furthermore, the County seeks to match its cash flow needs to the maturity structure of the portfolio to enhance yield. The current investment strategy attempts to:

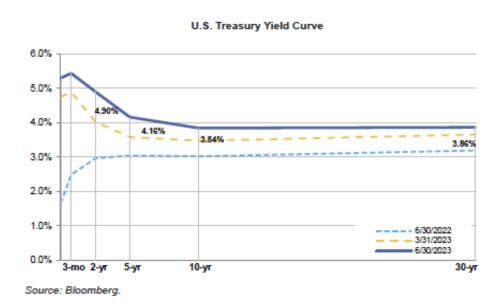
- (1) Avoid the premature sale of investments to meet day-to-day operating requirements.
- (2) Maintain higher balances in short-term investments when longer-term interest rates are not favorable.
- (3) Further diversify short-term investment options to reduce dependency on money market funds.

#### **EXCEPTIONS TO INVESTMENT POLICY**

In accordance with Section 60-17 of the Investment Policy, specific exceptions to the policy guidelines are to be included as part of this report. There were no exceptions to the Investment Policy during the quarter ended June 30, 2023.

#### MARKET COMMENTARY

A confluence of factors ranging from a resilient U.S. economy, an unexpected increase in the supply of Treasury securities and a Federal Reserve intent to hold interest rates high for an undefined timeframe have led the bond market to reconsider the shape of the Treasury yield curve. The fallout from the current backdrop has triggered interest rates on intermediate to long-term Treasury securities to push through levels not seen in over a decade. Bank of America Corp. strategists suggest investors should prepare for the return of the "5% world" that existed before the global financial crisis shepherded in an era of uncharacteristically low U.S. interest rates, while BlackRock Inc. and Pacific Investment Management Co. suggest inflation could remain persistently above the Federal Reserve's 2.0% target, leaving room for long-term yields to advance higher. "The market is coming more to the view that there is going to be long-term inflation pressures despite recent progress," said Jean Boivin, head of BlackRock Investment Institute. "Macro uncertainty is going to remain the story for the next few years, and that requires greater compensation to own long-dated bonds." For now, the market's pivot is noteworthy given the positioning of longer dated Treasuries over the first half of this year has generally been skewed toward an economy that would fall into recession, prompting the Federal Reserve to cut the Federal Funds rate. While some policy makers may quietly welcome the recent tightening of financial conditions as a mechanism to suppress demand, achieving a rate structure that balances a gradual slowdown in consumption without sparking a recession or, worse, a profound financial system disruption is a formidable challenge. The stakes are high. Rising interest rates stand to not only have an undesirable impact on consumer spending, the primary driver of economic growth, but also increase the U.S. government's financing costs, deepening a deficit that has recently forced the Treasury Department to announce the need for additional funding of approximately \$300 billion for the quarter ending September 30. Though debate will continue about the role structural elements may have in forming the future shape of the yield curve, inflation has yet to be supplanted as the primary driver of interest rates. The Federal Open Market Committee (FOMC) July meeting minutes highlighted policy makers' concern surrounding the risk inflation poses. Despite expectations for a spending slowdown, "most" FOMC members acknowledged substantial upside risks to inflation, while "several" believed significant disinflation had yet to materialize in a key subset of core inflation. BlackRock's Boivin believes a meaningful policy shift is underway at the world's central banks. For years, he opined, central bank officials have kept interest rates well below the rate that is considered neutral to spur their economies and fend off the risk of deflation. "This has been flipped now," he said. "So even if the long-term neutral rate is not changed, central banks will hold policy above that neutral rate to stave off inflationary pressure."



#### **PORTFOLIO HIGHLIGHTS**

#### Portfolio Performance

Investment performance is presented on both a total return basis, which includes the impact of adjusting investments to market value, and on an earnings yield basis. Total return is made up of two primary components. The first is the earnings/yield income component which is comprised of coupon interest rates, principal value invested, and the time-period of the investments being measured. That component of total return remains relatively stable and moves slowly as new investments are added to the portfolio or investments are removed from the portfolio as securities mature. The second component of total return is determined by the change in market value<sup>1</sup> of the securities at the end of the period being measured. This portion of the total return can be volatile given changes in the economic environment, Federal Reserve Board (FRB) rate policies, and significant geopolitical events.

The target federal funds rate is a significant driver behind the average yield and return characteristics of the portfolio. In addition, factors such as prevailing interest rates at the time assets are purchased or sold, market volatility, the portfolio's duration, and cash flow requirements can impact overall portfolio yield and total return performance.

While inflationary pressure continued to ease during the quarter, signs of resilient economic growth and communication from Federal Reserve officials that interest rates will need to remain high for an extended period of time led Treasury yields to rise sharply in the latter portion of the guarter as the market began to reprice the timeline for future interest rate cuts. The selloff in Treasuries, spanning a maturity horizon of 1-30 years, triggered a total return decline of -0.71% General Portfolio assets. Federal agency securities, normally the primary driver of cumulative total return, fell -2.48%. Municipal and corporate holdings, two sectors that also contribute prominently to the profile of portfolio returns, declined -1.43% and -0.75%, respectively. Provided interest rates hold near current levels, the quarterly earnings yield on portfolio assets should roughly align with Q4 and Q3 results over the remainder of calendar year 2023.

Quarterly Change	FY 2023 Q4	FY 2023 Q3
Total Return	-0.71%	7.51%
Earnings Yield	2.35%	2.51%

Annual Change	FY 2023 Q4	FY 2022 Q4
Total Return	-0.71%	-7.18%
Earnings Yield	2.35%	1.16%

<sup>&</sup>lt;sup>1</sup> A change in market value will not impact future cash flow.

# Investment Earnings

On a total return basis, the General Portfolio's value declined by -\$3.1 million versus a \$36.2 million gain the previous quarter. Investment earnings received and allocated to the General Fund through May were \$20.2 million. Treasury Management estimates investment earnings for June will be \$1.5 million, raising FY 2023 investment earnings to a projected \$21.7 million.

#### Market Value

The amortized value of the County's portfolio at quarter end was \$1.936 billion and the market value was \$1.797 billion. This represents an unrealized marked-to-market loss of \$139 million, a decrease of 7.2%.

# > Investment Activity

Funds available to invest flowed into a mixture of federal agency, corporate, and municipal securities. Federal agency securities purchased generated a weighted yield-to-maturity of 4.74%, while purchases of corporate and municipal bonds contributed 4.82% and 4.26%, respectively. On a weighted basis, total purchases produced a yield-to-maturity of 4.53%, an increase of 3 basis points compared to the prior quarter.

Transactions	Par Value (millions)	Yield
Purchase	\$41.9	4.53%
Mature/Call	\$7.0	1.36%

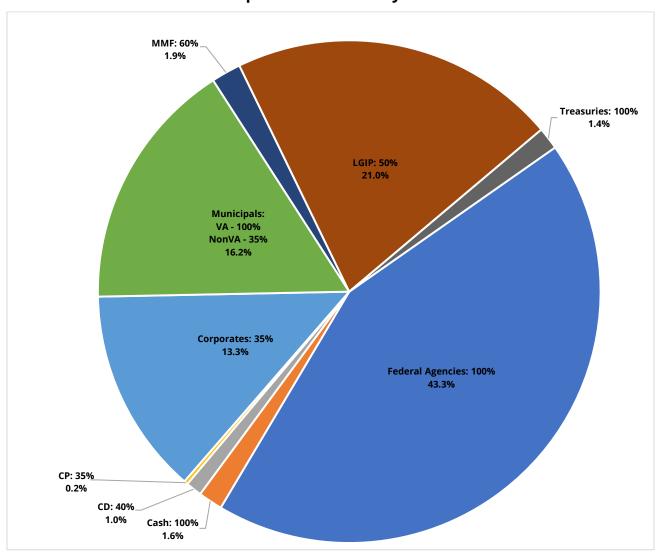
# > Maturity

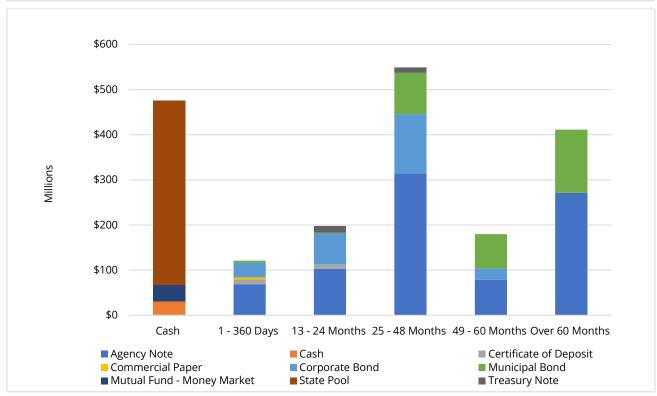
The weighted average maturity (WAM) of assets on June 30, 2023, was 2.8 years, while the WAM on a callable life basis was 471 days. The portfolio's duration at quarter end was 2.7 years.

# Portfolio Composition

Investments held by the County are diversified to control the risk of loss resulting from over-concentration of assets in a specific security or class of securities. The pie chart on the next page presents the investment guideline limits for each asset category and the percentage of assets held on June 30, 2023, by investment type, while the bar chart displays the maturity distribution of holdings by investment category.

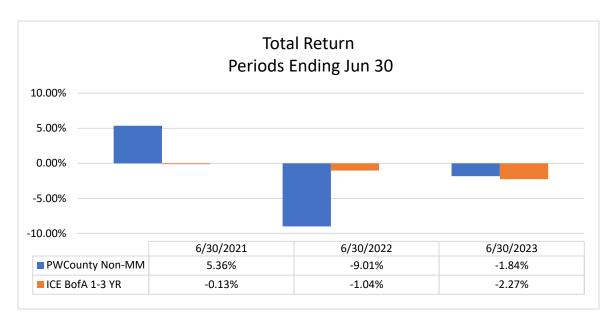
# **Portfolio Composition & Maturity Distribution**

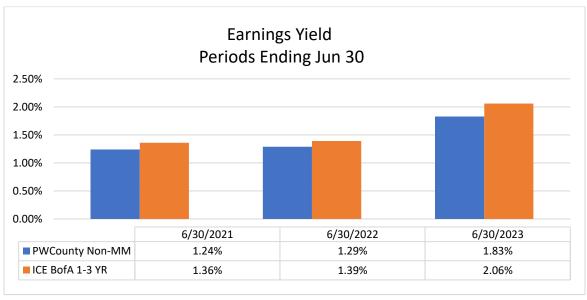




# > Performance Benchmarks (QTR)

For the quarter ended June 30, total return on non-money market holdings of -1.84% outperformed the ICE BofA 1-3 year Treasury index by 43 basis points while the earnings yield of 1.83% for the same group of assets underperformed the benchmark by 23 basis points. The County's cash/cash equivalents yield of 5.05% trailed the Virginia Local Government Investment Pool's (LGIP) yield on assets of 5.15%. A combination of resilient U.S. economic growth, higher than anticipated Treasury supply and a Federal Reserve currently committed to holding the Federal Funds rate above 5.0% through the remainder of this year has recently led the market to reprice intermediate to longer term Treasury yields higher. Furthermore, if inflationary pressure remains persistent the totality of the current backdrop will present headwinds to the return profile of non-money market assets over the foreseeable future. Provided funds available to invest are disbursed within the current interest rate environment, the yield earned on non-money market instruments should continue to generate results akin to Q4.





# Performance Benchmarks (FYTD)

With the Federal Funds rate currently in a range of 5.25% - 5.50% and clear communication from Federal Reserve officials interest rates will need to remain high for an extended timeframe to quell inflation, income generation on the County's cash accounts should remain stable through the second half of 2023. The presence of a rising interest rate environment through most of FY 2023 led Treasury Management to retain a defensive posture to mitigate a steeper decline in the portfolio's total return performance. On a fiscal year-to-date basis, the County's total return on General Portfolio assets was 0.41% versus -5.63% for the same period one year prior. The table below provides year-over-year average returns for the County's General Portfolio, the ICE BofA Treasury Index, Virginia LGIP, and select government securities.

Performance Benchmarks (FYTD)	Jul-2022 to Jun-2023	Jul-2021 to Jun-2022
PWC General Portfolio		
Total Return	0.41%	-5.63%
Earnings Yield	2.17%	0.92%
ICE BofA Index		
Total Return 1-3 Yr. Treasury	-0.04%	-3.29%
Earnings Yield 1-3 Yr. Treasury	1.86%	1.27%
Virginia LGIP	3.98%	0.31%
90 Day U.S. Treasury Bill	4.24%	0.38%
2 Yr. U.S. Treasury Note	4.09%	1.23%

#### Attachment A

			Р	rince W	<mark>/illiam (</mark> 30/2023	Coun	ty						
CUSIP	Invest Number	Security Description	Purchase Date		Yield	Yield Call	Original Unit Cost	Original Par Val/Shares	Original Princ/Cost	Orig Prem Discount	Ending Unit Price	Ending Par Val/Shares	Ending Amor Val/Cost
3133EMHL9	21-0079	FFCB 0.31 11/30/23	12/03/20	11/30/21	0.3335	0.3808	0.999300	10,000,000.00	9,993,000.00	7,000.00	1.000000	10,000,000.00	10,000,000.00
3135GA6J5	21-0081	FNMA 0.32 12/07/23	12/07/20	12/07/21	0.3200	0.3200	1.000000	10,000,000.00	10,000,000.00	0.00	1.000000	10,000,000.00	10,000,000.00
3135GA5A5	21-0071	FNMA 0.35 02/23/24	11/27/20	11/23/22	0.3500 (	0.3500	1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3130ATUQ8	23-0021	FHLB 4.75 03/08/24	11/17/22	Open	4.7397 4	1.7397	1.000169	5,000,000.00	5,000,845.00	-845.00	1.000068	5,000,000.00	5,000,341.79
3130ATA49	23-0012	FHLB 3.90 03/15/24	09/15/22	12/15/22	3.9000 3	3.9000	1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3134GY6Z0	23-0025	FHMLC 5.05 03/22/24	12/22/22	06/22/23	5.0500 5	5.0500	1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3134GWYD2	21-0056	FHLMC 0.375 04/08/24	11/04/20	10/08/21	0.3750	0.3750	1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3134GWYD2	21-0075	FHLMC 0.375 04/08/24	11/27/20	10/08/21	0.3750	0.3750	1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3134GXRX4	22-0085	FHLMC 3.00 05/17/24	05/20/22	06/17/22	3.0000 3	3.0000	1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3134GXXL3	22-0098	FHLMC 3.03 06/28/24	06/28/22	12/28/22	3.0300 3	3.0300	1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3134GXB78	22-0100	FHLMC 3.71 06/28/24	06/28/22	12/28/22	3.7100 3	3.7100	1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3133EL4J0	21-0025	FFCB 0.47 08/19/24	08/19/20	08/13/23	0.4700	0.4700	1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3130ASWC9	23-0006	FHLB 3.60 08/28/24	08/30/22	02/28/23		3.6000	1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3133EMCY6	21-0051	FFCB 0.43 10/15/24	10/15/20	08/13/23	0.4300	0.4300	1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3134GXDZ4	21-0069	FHLMC 0.45 11/15/24	11/25/20	11/25/22	0.4500	0.4500	1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3134GXDZ4	21-0072	FHLMC 0.45 11/15/24	11/27/20	11/25/22	0.4500	0.4500	1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3130APRA5	22-0041	FHLB 1.10 11/15/24	11/15/21	08/13/23	1.1000 1	1.1000	1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3130ANHV5	22-0010	FHLB 0.55 12/19/24	08/19/21	11/19/21	0.5500	0.5500	1.000000	4,060,000.00	4,060,000.00	0.00	1.000000	4,060,000.00	4,060,000.00
3130AQAE3	22-0048	FHLB 1.20 12/27/24	12/27/21	08/13/23	1.2000 1		1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3133EN5Q9	23-0029	FFCB 4.50 01/10/25	01/10/23	Open	4.5292 4	1.5292	0.999448	7,000,000.00	6,996,136.00	3,864.00	0.999575	7,000,000.00	6,997,023.11
3134GYFG2	23-0034	FHLMC 5.125 01/27/25	01/27/23	04/27/23	5.1250 5	5.1250	1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3133EPAG0	23-0037	FFCB 4.25 02/10/25	02/10/23	Open	4.3994 4		0.997169	5,000,000.00	4,985,845.00	14,155.00	0.997705	5,000,000.00	4,988,527.21
3137EAEP0	21-0078	FHLMC 1.50 02/12/25	12/02/20	Open	0.4051	0.4051	1.045490	10,000,000.00	10,454,900.00	-454,900.00	1.017594	10,000,000.00	10,175,942.88
3130AMHQ8	21-0141	FHLB 0.625 02/27/25	05/27/21	08/27/21	0.6250		1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3130AQYP2	22-0071	FHLB 2.05 02/27/25	02/28/22	05/27/22	2.0500 2	2.0500	1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3130AK2L9	21-0037	FHLB 0.55 03/04/25	09/04/20	08/13/23			1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3133ENSV3	22-0075	FFCB 2.62 03/28/25	03/28/22	08/13/23	2.6200 2	2.6200	1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3130ANBU3	22-0007	FHLB 0.70 04/29/25	07/29/21	10/29/21	0.7000		1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3130ANKD1	22-0011	FHLB 0.65 05/23/25	08/23/21	11/23/21	0.6500		1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3133EN4B3	23-0027	FFCB 4.25 06/13/25	12/13/22	Open	4.2960 4		0.998920	4,725,000.00	4,719,897.00	5,103.00	0.999148	4,725,000.00	4,720,974.56
3136G4ZR7	21-0010	FNMA 0.70 07/21/25	07/21/20	07/21/21	0.7000		1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3134GWAU0	21-0015	FHLMC 0.50 07/23/25	07/23/20	07/23/21	0.5304 (		0.998500	5,000,000.00	4,992,500.00	7,500.00	1.000000	5,000,000.00	5,000,000.00
3133EL2U7	21-0021	FFCB 0.68 08/04/25	08/04/20	08/13/23			1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3130AQ5Y5	22-0052	FHLB 1.30 09/30/25	12/30/21	03/30/22			1.000000	4,650,000.00	4,650,000.00	0.00	1.000000	4,650,000.00	4,650,000.00
3133EMCP5	21-0046	FFCB 0.52 10/14/25	10/14/20	08/13/23			0.999000	5,000,000.00	4,995,000.00	5,000.00	1.000000	5,000,000.00	5,000,000.00
3134GWXX9	21-0044	FHLMC 0.55 10/15/25	10/15/20	10/15/21	0.5500 (		1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3135GA2Z3	21-0090	FNMA 0.56 11/17/25	12/10/20	11/17/22			0.999700	9,000,000.00	8,997,300.00	2,700.00	1.000000	9,000,000.00	9,000,000.00
3133ENEG1	22-0045	FFCB 1.05 11/17/25	11/17/21	Open	1.1154 1		0.997447	5,000,000.00	4,987,235.25	12,764.75	0.998469	5,000,000.00	4,992,344.52
3135GA4P3	21-0074	FNMA 0.65 11/18/25	11/18/20	11/18/23			1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3134GXFA7	21-0076	FHLMC 0.65 11/26/25	11/30/20	11/26/21	0.6500		1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3133EMJT0	21-0082	FFCB 0.60 12/09/25	12/09/20	08/13/23			1.000000	10,000,000.00	10,000,000.00	0.00	1.000000	10,000,000.00	10,000,000.00
3130AKJW7	21-0088	FHLB 0.60 12/15/25	12/15/20	08/13/23			1.000000	10,000,000.00	10,000,000.00	0.00	1.000000	10,000,000.00	10,000,000.00
3133EN6A3	23-0032	FFCB 4.00 01/13/26	01/13/23	Open	4.0270 4		0.999244	5,000,000.00	4,996,220.00	3,780.00	0.999356	5,000,000.00	4,996,779.09
3133ENLD0	22-0063	FFCB 1.53 01/26/26	01/26/22	08/13/23	1.5300 1		1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3130AKXQ4	21-0119	FHLB 0.60 02/12/26	02/12/21	05/12/21	0.6000 (		1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3134GYKA9	23-0041	FHLMC 5.40 02/23/26	02/23/23	02/23/24			1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3130ANPT1	22-0014	FHLB 1.35 02/25/26	08/25/21	08/28/23			1.019000	7,000,000.00	7,133,000.00	-133,000.00	1.001503	7,000,000.00	7,010,517.96
3133EPCF0	23-0042	FFCB 4.50 03/02/26	03/07/23	Open	4.7274 4		0.993730	7,000,000.00	6,956,110.00	43,890.00	0.994361	7,000,000.00	6,960,524.17
3133EPEH4	23-0045	FFCB 3.875 03/30/26	03/31/23	Open	4.1613 4		0.992010	3,825,000.00	3,794,438.25	30,561.75	0.992643	3,825,000.00	3,796,859.79
3133EPFJ9	23-0047	FFCB 4.14 04/10/26	04/10/23	04/10/25			1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3130AN3J7	22-0003	FHLB 1.00 04/13/26	07/13/21	10/13/21			1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3130AM7K2	21-0137	FHLB 0.75 04/30/26	04/30/21	07/30/21	0.7500 (		1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3130AJTE9	21-0008	FHLB 0.89 07/15/26	07/15/20	08/13/23			1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3130AN6D7	22-0004	FHLB 1.125 07/29/26	07/29/21	10/29/21			1.000000	4,400,000.00	4,400,000.00	0.00	1.000000	4,400,000.00	4,400,000.00
3133EL3X0	21-0023	FFCB 0.70 08/13/26	08/13/20	08/13/23	0.7300 1	1.4040	0.998240	7,000,000.00	6,987,680.00	12,320.00	1.000000	7,000,000.00	7,000,000.00

		Prince William County												
Name														
\$3390FF   2-985 FHE 10 002556   602924   0987   10905   500000000	CUSIP													
1398-144   21-004   Peter   100	3130ANDE1		*** ***											
					•									
1935   1935														
15000000000   15000000000   15000000000   15000000000   150000000000														
1948/000    1948					- 1									
1988-00-44   1988					•									
133ENR#S   20.016   FICE   3.00 019428   109422   109422   12094														
1939APPOSS   1939APP   1920APS   1											0.00			
1839-1867   2000   File 2   125	3130APDQ5	22-0040	FHLB 1.25 10/28/26	10/28/21	01/28/22	1.2500	1.2500	1.000000			0.00	1.000000		
\$1345KNJ7   24-098   FHLNG 0.72 1221/28   1022/27   010270   010270   010000000   01000000000   0100000000	3130A9YY1	20-0050	FHLB 2.125 12/11/26	12/20/19	Open	2.0061	2.0061	1.007700	8,000,000.00	8,061,600.00	-61,600.00	1.003937	8,000,000.00	8,031,499.63
1330AHMS	3133EMKK7	21-0087	FFCB 0.75 12/16/26	12/16/20	08/13/23	0.7500	0.7500	1.000000	10,000,000.00	10,000,000.00	0.00	1.000000	10,000,000.00	10,000,000.00
1335EMNSZ    20.005   PHLB 205 912777   101770   101372   2500   25000   1000000   10000000   10000000   10000000   10000000   10000000   10000000   100000000	3134GXJD7	21-0089	FHLMC 0.72 12/21/26	12/21/20	12/21/21	0.7200	0.7200	1.000000	10,000,000.00	10,000,000.00	0.00	1.000000	10,000,000.00	10,000,000.00
STANDAMON   21-0126   FFCB 0.70 0.12727   01-272   01-2	3133EMMB5	21-0103	FFCB 0.64 01/05/27	01/06/21	08/13/23	0.6400	0.6400	1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
1938    1946	3130AHX32	20-0065	FHLB 2.05 01/27/27	01/27/20	08/13/23	2.0500	2.0500	1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
STANDAMYTES   21-0006   PH.LMC 0.75 0.304.277   0.000.000   0.00000   0.00000   0.00000   0.000000   0.0000000   0.00000000	3133EMNW8	21-0126	FFCB 0.70 01/27/27	01/27/21	08/13/23	0.7000	0.7000	1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
1335ERBUGS   24-046   FFCE   13-0 03/9027   04/9527   04/9527   04/9527   04/9527   04/9528   25/90   05/900   05/9000   05/9000   05/9000   05/90000000   05/90000000   05/900000000   05/900000000   05/900000000   05/90000000   05/900000000   05/900000000   05/9000000	3130AL5A8	21-0124	FHLB 0.90 02/26/27	02/26/21	05/26/21	0.9000	0.9000	1.000000	10,000,000.00	10,000,000.00	0.00	1.000000	10,000,000.00	10,000,000.00
1338-PEPS   24-0047   FFCS 827 040587   040587   040587   040587   040587   040587   040598   0405000   05000000   050000000   050000000   050000000   0405800000   04059000   04059000   04059000   04059000   0405900   0405900   0405900   0405900   0405900   04059000   04059	3134GWT63	21-0040	FHLMC 0.75 03/04/27	09/24/20	03/24/21	0.7500	0.7500	1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
1335EMEZ3 14-0917 15-00-09-09-09-09-09-09-09-09-09-09-09-09-	3133EMUQ3	21-0132	FFCB 1.30 03/30/27	03/30/21	08/13/23	1.3000	1.3000	1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
1335BMETS   21-0096   FFCB 07-904/727   12/16/20   0811932   7090   07000   1,0000000   6,738.000.00   6,738.000.00   0.000.000.00   1,0000.00	3133EPED3	23-0046	FFCB 5.27 04/05/27	04/05/23	04/05/24	5.2700	5.2700	1.000000		5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
1339ABAYC    21-008  FFLB 0.75 062/127   12/21/20   08/13/23   07/00 0.7500   10,0000.00   10,000.00   10,000.00   10,000.		21-0017												
1336A17V5		21-0095							6,738,000.00	6,738,000.00			6,738,000.00	6,738,000.00
1398A42A0		21-0094								10,000,000.00				
13135CHYS   21-005														
135GOSYS   21-012   FNMA 0.75 1000/27   11/10/20   Open   0.8601   0.98250   7.000,000.00   6.948.410.00   51.590.00   0.98357   7.000,000.00   2.987.75.88   313GOSYS   21-011   FNMA 0.75 1000/27   0.12/121   Open   0.8110   0.8110   0.98020   4.053,000.00   4.038.89.66   16.130.44   0.98745   4.053,000.00   4.042.646.26   313GGA842   21-004   FNMA 0.875 121/427   121/422   0.975 0.875														
\$135GO5056   \$21-0112														
1315CDDYS   21-1013   FANA 0.75 10/08/27   121-1421   121-1422					•									
1335EAB42   21-0084   FNMA 0.875 12/14/27   12/14/20   12/14/22   0.8750   0.8750   1.000000   10.000,000.00   0.000   0.000   0.0000   0.000   0.000,000.					•									
\$135ENND5   \$29.049   FFCB 178 12/14/27   \$14/421   \$08/13/23   \$17800   \$17800   \$1,000000   \$0,000,00000   \$0,000,00000   \$0,000,000000   \$133END5/25   \$21-0105   FNMA 1.02 01/19/28   \$01/19/21   \$07/19/21   \$1,0200   \$1,00000   \$7,000,00000   \$7,000,00000   \$0,000   \$0,000,00000   \$7,0														
313GACQ2   21-0405   FHLMC   0.85 12/810/27   0.9730/20   0.980/21   0.8500   0.8500   1.00000   7.000,000.00   7.000,000.00   0.000   1.000000   7.000,000.00   0.000   7.000,000.00   0.000   0.000   7.000,000.00   0.000   0.000   0.00000   0.000   0.000000   0.000000   0.0000000   0.0000000   0.0000000   0.00000000														
313SEMUS9														
313EMUS9   21-0131   FFCB 1.50 03/30/28   03/30/21   08/13/23   1.5000   1.50000   0.5000.00.00   5.000.00.00   0.00   0.000.00   0.5000.00.00   0.000.00.00   0.000.00.00   0.000.00														
3133EMLU4 21-007 FFCB 0.95 06/29/28 11/207 21-008 11/207 22-009 FFLB 1.12 09/01/28 109/01/20 109														
3138LESU4   21-0036   FFCB 1.12 09/01/28   09/01/20   08/13/23   1.1200   1.1200   1.00000   1.0000,000.00   0.00   1.0000,000.00   1.0000,0														
3130APD77   22-0029														
3134GWDS2 21-0016 FHLMC 1.15 01/29/29 07/29/20 01/29/21 1.1500 1.1500 1.00000 5,000,000.00 5,000														
3134GWAF3 21-0011 FHLMC 1.20 04/27/29 07/27/20 01/27/21 1.2000 1.2000 6,660,000.00 6,660,000.00 6,660,000.00 6,660,000.00 6,660,000.00 6,660,000.00 6,660,000.00 6,660,000.00 6,660,000.00 6,660,000.00 6,660,000.00 6,000,000.00														
3133EMN65 22-0002 FFCB 1.61 07/06/29 07/07/21 08/13/23 1.6141 1.6415 0.999690 5,000,000.00 4,998,450.00 1,550.00 1.000000 5,000,000.00 0.00 1.000000 7,000,000.00 0.00 1.000000 0.00 1.000000 0.00 1.000000 0.00 1.000000 0.00 1.000000 0.00 0.00 0.000000 0.00 0.000000														
3134GWAB2 21-0005 FHLMC 1.25 07/20/29 07/20/20 10/20/20 1.2500 1.2500 1.00000 7,000,000.00 7,000														
3133EL4P6 21-0032 FFCB 1.14 08/20/29 08/13/23 1.1400 1.1400 1.00000 7,000,000.00 7,000,000.00 0.00 1.000000 7,000,000.00 7														
3133ELBN0 21-0039 FFCB 1.23 09/10/29 09/10/20 08/13/23 1.230 1.2300 1.00000 7,000,000.00 7,000,0														
3133ELEN0 20-046 FFCB 2.25 12/18/29 12/18/19 12/18/24 2.2870 2.3201 0.996710 7,000,000.00 6,976,970.00 23,030.00 0.998997 7,000,000.00 6,992,981.12 3133ELEN0 20-0049 FFCB 2.25 12/18/29 12/18/24 2.3081 2.3601 0.994840 5,000,000.00 4,974,200.00 25,800.00 0.998426 5,000,000.00 4,992,128.00 3130AHY64 20-0066 FHLB 2.37 01/28/30 01/28/20 08/13/23 2.3700 1.000000 9,000,000.00 0.00 1.000000 9,900,000.00 9,900,000.00 3130AHYJ6 20-0068 FHLB 2.23 01/30/30 01/30/20 08/13/23 2.2500 2.2500 1.000000 10,000,000.00 0.00 1.000000 5,000,000.00 5,000,000.00 3133ELMB7 21-0067 FFCB 2.12 02/05/30 11/19/20 02/05/25 1.4507 0.7308 1.057500 6,000,000.00 6,345,000.00 -345,000.00 1.021979 6,000,000.00 6,131,874.26 3133ELMB7 21-0068 FFCB 2.12 02/05/30 11/124/20 02/05/25 1.4505 0.7382 1.057000 6,000,000.00 6,345,000.00 -345,000.00 1.021979 6,000,000.00 6,131,874.26 3133ELMB7 21-0068 FFCB 2.12 02/05/30 11/124/20 02/05/25 1.4505 0.7382 1.057000 6,000,000.00 6,345,000.00 -345,000.00 1.021979 6,000,000.00 6,131,874.26 3133ELNNO 20-009 FFCB 2.08 02/19/30 02/11/21 02/11/22 1.2500 1.2500 1.000000 7,500,000.00 7,500,000.00 7,500,000.00 7,500,000.00 3133ELNNO 20-0091 FFCB 2.08 02/19/30 02/19/20 02/19/25 2.0800 2.0800 1.000000 7,000,000.00 6,000,000.00 6,000,000.00 6,000,000.00 3133ELNNO 3133ELNNO 32-0095 FFCB 2.08 02/19/30 02/19/20 02/19/25 2.0800 2.0800 1.000000 7,000,000.00 6,000,000.00 6,000,000.00 6,000,000.00 3133ELNNO 3133ELNNO 32-0095 FFCB 2.08 02/19/30 02/19/20 02/19/25 2.0800 2.0800 1.000000 7,000,000.00 6,000,000.00 6,000,000.00 6,000,000.00 6,000,000.00 6,000,000.00 6,000,000.00 6,000,000.00 7														
3133ELEN0 20-0049 FFCB 2.25 12/18/29 12/19/19 12/18/24 2.3081 2.3601 0.994840 5,000,000.00 4,974,200.00 25,800.00 0.998426 5,000,000.00 4,992,128.00 3130AHY64 20-0066 FHLB 2.37 01/28/30 01/28/20 08/13/23 2.3700 2.3700 1.000000 9,900,000.00 0.00 1.000000 9,900,000.00 0.00 3130AHYJ6 20-0067 FHLB 2.23 01/30/30 01/30/20 08/13/23 2.2300 2.2300 1.000000 10,000,000.00 10,000,000.00 0.00														
3130AHYJ6 20-0067 FHLB 2.23 01/30/30 01/30/20 08/13/23 2.2300 2.2300 1.000000 10,000,000.00 10,000,000.00 0.00	3133ELEN0	20-0049		12/19/19	12/18/24	2.3081	2.3601	0.994840	5,000,000.00	4,974,200.00	25,800.00	0.998426		4,992,128.00
3130AHY72 20-0068 FHLB 2.25 01/30/30 01/30/20 08/13/23 2.250 2.250 1.00000 5,000,000.00 5,000,00	3130AHY64	20-0066	FHLB 2.37 01/28/30	01/28/20	08/13/23	2.3700	2.3700	1.000000	9,900,000.00	9,900,000.00	0.00	1.000000	9,900,000.00	9,900,000.00
3133ELMB7 21-0067 FFCB 2.12 02/05/30 11/19/20 02/05/25 1.4507 0.7308 1.057500 6,000,000.00 6,345,000.00 -345,000.00 1.021979 6,000,000.00 6,131,874.26 3133ELMB7 21-0068 FFCB 2.12 02/05/30 11/24/20 02/05/25 1.4555 0.7382 1.057000 6,000,000.00 6,342,000.00 -342,000.00 1.021861 6,000,000.00 6,131,165.79 3130AL3Q5 21-0122 FHLB 1.25 02/11/30 02/11/21 02/11/22 1.2500 1.2500 1.000000 7,500,000.00 0 0.00 1.000000 7,500,000.00 0 0.00 1.000000 7,500,000.00 0 0.00 1.000000 7,500,000.00 0 0.00 1.000000 0 0.00 0 0	3130AHYJ6	20-0067	FHLB 2.23 01/30/30	01/30/20	08/13/23	2.2300	2.2300	1.000000	10,000,000.00	10,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3132LMB7 21-068 FCB 2.12 02/05/30 11/24/20 02/05/25 1.455 0.7382 1.05700 6,000,000.00 6,342,000.00 -342,000.00 1.021861 6,000,000.00 6,131,165.79 (3130AL3Q5 21-0122 FHLB 1.25 02/11/30 02/11/21 02/11/22 1.2500 1.2500 1.00000 7,500,000.00 7,500,000.00 0.00 1.00000 7,500,000.00 (3133ELNNO 3133ELNNO 320-0091 FFCB 2.08 02/19/30 02/19/25 2.080 2.080 2.0800 1.00000 8,000,000.00 0.00 1.00000 8,000,000.00 (3130AJ7L7 20-0095 FHLB 2.15 02/28/30 02/19/20 08/13/23 1.6800 1.6800 1.00000 7,000,000.00 0.00 1.00000 0.00 1.00000 7,000,000.00 0.00 0.00 0.00 0.00	3130AHY72	20-0068	FHLB 2.25 01/30/30	01/30/20	08/13/23	2.2500	2.2500	1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3130AL3Q5 21-0122 FHLB 1.25 02/11/30 02/11/21 02/11/22 1.250 1.2500 1.00000 7,500,000.00 7,000,000.00 7,000,0	3133ELMB7	21-0067	FFCB 2.12 02/05/30	11/19/20	02/05/25	1.4507	0.7308	1.057500	6,000,000.00	6,345,000.00	-345,000.00	1.021979	6,000,000.00	6,131,874.26
3133ELNN0         20-0090         FFCB         2.08         02/19/30         02/19/20         2.0800         2.0900         1.00000         8,000,000.00         8,000,000.00         0.00         1.00000         8,000,000.00         0.00         1.00000         8,000,000.00         0.00         1.00000         8,000,000.00         0.00         1.00000         8,000,000.00         0.00         1.00000         5,000,000.00         5,000,000.00         5,000,000.00         5,000,000.00         5,000,000.00         5,000,000.00         6,000,000.00         6,000,000.00         6,000,000.00         6,000,000.00         6,000,000.00         7,000,0	3133ELMB7	21-0068	FFCB 2.12 02/05/30	11/24/20	02/05/25	1.4555	0.7382	1.057000	6,000,000.00	6,342,000.00	-342,000.00	1.021861	6,000,000.00	6,131,165.79
313ELNNO 20-091 FCB 2.08 02/19/30 02/19/20 02/19/25 2.080 2.0800 1.00000 5,000,000.	3130AL3Q5	21-0122	FHLB 1.25 02/11/30	02/11/21	02/11/22	1.2500	1.2500	1.000000	7,500,000.00	7,500,000.00	0.00	1.000000	7,500,000.00	7,500,000.00
3130AJ7L7 20-0095 FHLB 2.15 02/28/30 02/28/20 08/13/23 2.1500 2.1500 1.00000 6,000,000.00 6,000,000.00 6,000,000.00 6,000,000.00 6,000,000.00 6,000,000.00 6,000,000.00 6,000,000.00 6,000,000.00 6,000,000.00 7,000,	3133ELNN0	20-0090	FFCB 2.08 02/19/30	02/19/20	02/19/25	2.0800	2.0800	1.000000	8,000,000.00	8,000,000.00	0.00	1.000000	8,000,000.00	8,000,000.00
3133ELXP4 20-0137 FFCB 1.68 04/29/30 04/29/20 08/13/23 1.6800 1.6800 1.00000 7,000,000.00 0.00 1.00000 7,000,000.00 7,000,000.00 7,000,000.00 7,000,000.00	3133ELNN0	20-0091	FFCB 2.08 02/19/30	02/19/20	02/19/25	2.0800	2.0800	1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
	3130AJ7L7	20-0095	FHLB 2.15 02/28/30	02/28/20	08/13/23	2.1500	2.1500	1.000000	6,000,000.00	6,000,000.00	0.00	1.000000	6,000,000.00	
3133ELB86 20-0147 FFCB 1.40 05/28/30 06/02/20 08/13/23 1.4000 1.4000 1.00000 7,000,000.00 0.00 1.00000 7,000,000.00 7,000,000.00 7,000,000.00	3133ELXP4	20-0137	FFCB 1.68 04/29/30	04/29/20	08/13/23	1.6800	1.6800	1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
	3133ELB86	20-0147	FFCB 1.40 05/28/30	06/02/20	08/13/23	1.4000	1.4000	1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00

Prince William County													
2125					30/2023	-							
CUSIP	Invest Number	Security Description	Purchase Date	Call Date	Yield Matur	Yield Call	Original Unit Cost	Original Par Val/Shares	Original Princ/Cost	Orig Prem Discount	Ending Unit Price	Ending Par Val/Shares	Ending Amor Val/Cost
3133ELD84	20-0148	FFCB 1.28 06/03/30	06/03/20	06/03/25	1.2800		1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
	21-0007	FFCB 1.25 06/17/30	07/10/20	08/13/23	1.2500		1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3133EMAZ5	21-0043	FFCB 1.25 06/24/30	09/28/20	08/13/23	1.2637		0.998750	7,000,000.00	6,991,250.00	8,750.00	1.000000	7,000,000.00	7,000,000.00
3134GWAN6	21-0009	FHLMC 1.30 07/22/30	07/22/20	07/22/21	1.3000		1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3134GV7L6	21-0014	FHLMC 1.35 07/29/30	07/29/20	01/29/21	1.3500		1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3134GWGG5	21-0018	FHLMC 1.15 07/29/30	07/29/20	07/29/21	1.1872		0.996500	7,000,000.00	6,975,500.00	24,500.00	1.000000	7,000,000.00	7,000,000.00
3135G05Q2	21-0096	FNMA 0.875 08/05/30	12/16/20	Open	1.1020		0.979300	10,000,000.00	9,793,000.00	207,000.00	0.984551	10,000,000.00	9,845,511.19
3136G4J79	21-0024	FNMA 1.10 08/12/30	08/13/20	08/12/22	1.1329	1.2577	0.996900	7,000,000.00	6,978,300.00	21,700.00	1.000000	7,000,000.00	7,000,000.00
3134GWKG0	21-0022	FHLMC 1.25 08/19/30	08/19/20	02/19/21	1.2500	1.2500	1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3134GWRV0	21-0027	FHLMC 1.30 08/26/30	08/26/20	02/26/21	1.3000	1.3000	1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3133EL6L3	21-0038	FFCB 1.32 09/09/30	09/09/20	08/13/23	1.3200	1.3200	1.000000	7,800,000.00	7,800,000.00	0.00	1.000000	7,800,000.00	7,800,000.00
3133EMFG2	21-0057	FFCB 1.37 11/04/30	11/05/20	08/13/23	1.3764	1.6081	0.999400	7,000,000.00	6,995,800.00	4,200.00	1.000000	7,000,000.00	7,000,000.00
3133EMKC5	21-0085	FFCB 1.43 12/11/30	12/11/20	08/13/23	1.4354	1.6250	0.999500	9,370,000.00	9,365,315.00	4,685.00	1.000000	9,370,000.00	9,370,000.00
3135GABJ9	21-0091	FNMA 1.30 12/30/30	12/30/20	12/30/21	1.3032		0.999700	10,000,000.00	9,997,000.00	3,000.00	1.000000	10,000,000.00	10,000,000.00
3133EMNB4	21-0106	FFCB 1.38 01/14/31	01/14/21	08/13/23	1.4015	1.5824	0.998000	10,000,000.00	9,980,000.00	20,000.00	1.000000	10,000,000.00	10,000,000.00
3130AKTE6	21-0111	FHLB 1.00 01/27/31	01/27/21	07/27/21	1.4816		1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3130AL3L6	21-0123	FHLB 1.50 02/18/31	02/18/21	05/18/21	1.5000		1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3133EPNL5	23-0053	FFCB 5.18 06/23/33	06/23/23	06/23/26			1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
Agency Note Total					1.4553		1.002538	841,411,000.00	843,546,698.56		1.001025	836,411,000.00	837,268,585.59
John Marshall Bank ICS	AR-0339	Cash	08/30/13	Open	5.2000		1.000000	1,000,000.00	1,000,000.00	0.00	1.000000	30,374,790.12	30,374,790.12
Cash Total			40/04/00		5.2000		1.000000	1,000,000.00	1,000,000.00	0.00	1.000000	30,374,790.12	30,374,790.12
JMB060324	23-0023	John Marshall Bank CD 4.75 06/03/24	12/01/22	Open	4.7500		1.000000	10,000,000.00	10,000,000.00	0.00	1.000000	10,000,000.00	10,000,000.00
JMB120224	23-0024	John Marshall Bank CD 4.79 12/02/24	12/01/22	Open	4.7900		1.000000	10,000,000.00	10,000,000.00	0.00	1.000000	10,000,000.00	10,000,000.00
Certificate of Deposit Total	22 0020	Taylata Candit Burata Bina 0.00 00/00/02	00/40/00	0	4.7700		<b>1.000000</b> 0.974650	20,000,000.00	20,000,000.00	0.00	1.000000	20,000,000.00	20,000,000.00
8923A1V99 Commercial Paper Total	23-0038	Toyota Credit Puerto Rico 0.00 08/09/23	02/10/23	Open	5.2741 <b>5.2741</b>		0.974650 0.974650	5,000,000.00 <b>5,000,000.00</b>	4,873,250.00 <b>4,873,250.00</b>	126,750.00 <b>126,750.00</b>	0.994396 <b>0.994396</b>	5,000,000.00 <b>5,000,000.00</b>	4,971,981.11 <b>4,971,981.11</b>
741531FA0	20-0029	PRICOA Global Funding 1 3.45 09/01/23	11/26/19	Open	2.0889		1.049000	6,850,000.00	7,185,650.00	-335,650.00	1.002245	6,850,000.00	6,865,378.57
89236TFN0	20-0029	Toyota Motor Credit Corp 3.45 09/01/23	12/06/19	Open	1.9532		1.054390	5,000,000.00	5,271,950.00	-271,950.00	1.002243	5,000,000.00	5,016,264.84
637639AC9	21-0098	National Secs Clearing 0.40 12/07/23	01/06/21	Open	0.3194		1.002340	2,000,000.00	2,004,680.00	-4,680.00	1.000349	2,000,000.00	2,000,697.40
59217GCT4	20-0040	Met Life Global Funding I 3.60 01/11/24	12/13/19	Open	2.1260		1.057270	5,667,000.00	5,991,549.09	-324,549.09	1.007693	5,667,000.00	5,710,597.33
037833CG3	20-0028	Apple Inc 3.00 02/09/24	11/25/19	12/09/23	2.0023		1.040030	5,000,000.00	5,200,150.00	-200,150.00	1.004517	5,000,000.00	5,022,584.02
57629WBV1	20-0038	Mass Mutual Global Funding 3.60 04/09/24	12/11/19	Open	2.1729		1.058620	2,100,000.00	2,223,102.00	-123,102.00	1.010860	2,100,000.00	2,122,806.79
57629WBV1	20-0061	Mass Mutual Global Funding 3.60 04/09/24	01/22/20	Open	2.0000		1.064330	3,000,000.00	3,192,990.00	-192,990.00	1.012191	3,000,000.00	3,036,571.87
64952WDG5	20-0057	New York Life Global Fdg 2.875 04/10/24	12/20/19	Open	2.1282		1.030550	3,090,000.00	3,184,399.50	-94,399.50	1.005705	3,090,000.00	3,107,628.66
822582CC4	20-0031	Shell International Finance 2.00 11/07/24	12/02/19	10/07/24	2.0341	2.0348	0.998400	5,000,000.00	4,992,000.00	8,000.00	0.999574	1,666,600.00	1,665,889.31
822582CC4	20-0123	Shell International Finance 2.00 11/07/24	03/12/20	10/07/24	1.9440	1.9432	1.002470	10,000,000.00	10,024,700.00	-24,700.00	1.000714	3,333,400.00	3,335,780.56
637639AG0	23-0022	National Secs Clearing 5.05 11/21/24	11/21/22	Open	4.9772	4.9772	1.001370	4,000,000.00	4,005,480.00	-5,480.00	1.000965	4,000,000.00	4,003,859.48
74153WCQ0	22-0051	PRICOA Global Funding I 1.15 12/06/24	12/16/21	Open	1.2641	1.2641	0.996680	4,660,000.00	4,644,528.80	15,471.20	0.998387	4,660,000.00	4,652,483.51
64952WEK5	22-0060	New York Life Global Fdg 1.45 01/14/25	01/14/22	Open	1.4473	1.4473	1.000078	5,000,000.00	5,000,390.00	-390.00	1.000040	5,000,000.00	5,000,201.79
037833AZ3	22-0074	Apple Inc 2.50 02/09/25	03/24/22	Open	2.5292	2.5292	0.999180	5,000,000.00	4,995,900.00	4,100.00	0.999543	5,000,000.00	4,997,716.33
30231GAF9	22-0077	Exxon Mobil Corporation 2.709 03/06/25	03/31/22	12/06/24	2.8253	2.8366	0.996740	7,000,000.00	6,977,180.00	22,820.00	0.998248	7,000,000.00	6,987,733.74
12572QAG0	23-0005	CME Group Inc 3.00 03/15/25	08/03/22	Open	3.1391	3.1391	0.996510	3,250,000.00	3,238,657.50	11,342.50	0.997708	3,250,000.00	3,242,551.40
341081FZ5	22-0062	Florida Power & Light Co 2.85 04/01/25	01/19/22	Open	1.6201		1.038190	5,000,000.00	5,190,950.00	-190,950.00	1.021131	5,000,000.00	5,105,654.49
90327QD89	22-0096	USAA Cap Corp 3.375 05/01/25	06/08/22	Open	3.4741		0.997300	6,404,000.00	6,386,709.20	17,290.80	0.998256	6,404,000.00	6,392,831.01
78014RDN7	21-0140	Royal Bank of Canada 0.75 06/11/25	06/11/21	Open	0.8221		1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
	22-0072	Precision Castparts Corp 3.25 06/15/25	03/01/22	03/15/25	2.1862		1.033560	5,000,000.00	5,167,800.00	-167,800.00	1.019116	5,000,000.00	5,095,582.08
40139LAG8	21-0139	Guardian Life Global Funding 1.10 06/23/25	06/10/21	Open	0.9043		1.007740	5,000,000.00	5,038,700.00	-38,700.00	1.003828	5,000,000.00	5,019,141.50
64952WDQ3	22-0019	New York Life Global Fdg 0.95 06/24/25	09/07/21	Open	0.8061		1.005370	5,930,000.00	5,961,844.10	-31,844.10	1.002823	5,930,000.00	5,946,737.44
59217GFC8	23-0014	Met Life Global Funding I 4.05 08/25/25	09/12/22	Open	4.2404		0.994750	5,000,000.00	4,973,750.00	26,250.00	0.996129	5,000,000.00	4,980,644.35
46632FSS5	23-0011	JP Morgan Chase Bank NA 3.80 08/26/25	08/26/22	08/26/23	3.8000		1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
023135CN4	23-0026	Amazon.com Inc 4.60 12/01/25	12/08/22	Open	4.5301		1.001920	5,000,000.00	5,009,600.00	-9,600.00	1.001584	5,000,000.00	5,007,917.66
637639AE5	21-0099 21-0104	National Secs Clearing 0.75 12/07/25	12/31/20	Open	0.6703		1.003860	3,404,000.00	3,417,139.44	-13,139.44	1.001920	3,404,000.00	3,410,536.12
637639AE5 40139LBC6	21-0104	National Secs Clearing 0.75 12/07/25 Guardian Life Global Funding 0.875 12/10/25	01/08/21 10/14/21	Open Open	0.7118 1.2000		1.001840 0.986860	2,100,000.00 5,000,000.00	2,103,864.00 4,934,300.00	-3,864.00 65,700.00	1.000920 0.992202	2,100,000.00 5,000,000.00	2,101,931.21 4,961,012.42
92826CAD4	22-0033	Visa Inc 3.15 12/14/25	03/09/22	09/14/25			1.031870	5,000,000.00	5,159,350.00	-159,350.00	1.020284	5,000,000.00	5,101,419.54
320200AD4	22-0000	VISα IIIC 3.13 12/14/23	03/08/22	03/14/23	2.2013	2.2023	1.031070	3,000,000.00	J, 1J8,JJU.UU	- 135,330.00	1.020204	3,000,000.00	5, 101,418.54

			Pı	rince W	illiam	Coun	ty						
21/2/2					30/202								
CUSIP	Invest Number	Security Description	Purchase Date	Call Date	Yield Matur	Yield Call	Original Unit Cost	Original Par Val/Shares	Original Princ/Cost	Orig Prem Discount	Ending Unit Price	Ending Par Val/Shares	Ending Amor Val/Cost
64952WDW0	21-0117	New York Life Global Fdg 0.85 01/15/26	01/26/21	Open	0.7641		1.004180	2,793,000.00	2,804,674.74	-11,674.74	1.002156	2,793,000.00	2,799,020.41
64952WDW0	21-0121	New York Life Global Fdg 0.85 01/15/26	02/03/21	Open	0.7802		1.003380	7,000,000.00	7,023,660.00	-23,660.00	1.001750	7,000,000.00	7,012,251.64
037833EB2	21-0125	Apple Inc 0.70 02/08/26	02/09/21	Open	0.6951		1.000240	7,000,000.00	7,001,680.00	-1,680.00	1.000126	7,000,000.00	7,000,882.36
037833BY5	21-0127	Apple Inc 3.25 02/23/26	03/01/21	11/23/25	1.1996	1.1001	1.098790	5,000,000.00	5,493,950.00	-493,950.00	1.050674	5,000,000.00	5,253,371.35
30231GAT9	23-0010	Exxon Mobil Corporation 3.043 03/01/26	08/18/22	12/01/25	3.3050	3.3248	0.991315	5,000,000.00	4,956,575.00	43,425.00	0.993539	5,000,000.00	4,967,693.70
57629WCH1	22-0066	Mass Mutual Global Funding 3.40 03/08/26	01/31/22	Open	2.0897	2.0897	1.051250	4,000,000.00	4,205,000.00	-205,000.00	1.034048	4,000,000.00	4,136,190.43
78014REJ5	22-0086	Royal Bank of Canada 3.35 04/29/26	04/29/22	Open	3.3500	3.3500	1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
64952WCH4	22-0089	New York Life Global Fdg 2.35 07/14/26	03/11/22	Open	2.5480	2.5480	0.991894	5,000,000.00	4,959,470.00	40,530.00	0.994250	5,000,000.00	4,971,251.68
594918BR4	22-0093	Microsoft Corp 2.40 08/08/26	05/20/22	05/08/26	3.2378		0.967200	5,000,000.00	4,836,000.00	164,000.00	0.976016	5,000,000.00	4,880,078.72
0641595B8	22-0016	Bank of Nova Scotia 1.07 08/18/26	08/18/21	Open	1.1945		1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
74153WCP2	22-0037	PRICOA Global Funding I 1.20 09/01/26	10/21/21	Open	1.4591		0.987880	5,000,000.00	4,939,400.00	60,600.00	0.992012	5,000,000.00	4,960,058.95
58989V2D5	22-0021	Met Tower Global Funding 1.25 09/14/26	09/14/21	Open	1.1990		1.002470	6,000,000.00	6,014,820.00	-14,820.00	1.001599	6,000,000.00	6,009,593.65
59217GBY4	22-0058	Met Life Global Funding I 3.45 12/18/26	01/12/22	Open	2.0071		1.067440	5,000,000.00	5,337,200.00	-337,200.00	1.048047	5,000,000.00	5,240,236.07
59217GER6	22-0057	Met Life Global Funding I 1.875 01/11/27	01/11/22	Open	1.8540		1.001000	5,000,000.00	5,005,000.00	-5,000.00	1.000715	5,000,000.00	5,003,575.27
66815L2F5	22-0073	Northwestern Mutual FLBL 1.75 01/11/27	03/23/22	Open	2.8890		0.949275	5,000,000.00	4,746,375.00	253,625.00	0.962060	5,000,000.00	4,810,299.89
594918BY9	23-0017	Microsoft Corp 3.30 02/06/27	10/07/22	11/06/26	4.3060		0.960600	5,000,000.00	4,803,000.00	197,000.00	0.967227	5,000,000.00	4,836,136.03
09247XAN1 64952WEQ2	23-0035 22-0090	Blackrock Inc 3.20 03/15/27	01/31/23 05/13/22	Open Open	4.1550 3.6679		0.964130 0.981390	6,868,000.00 5,000,000.00	6,621,644.84	246,355.16 93,050.00	0.967523 0.985427	6,868,000.00	6,644,950.56
78014RET3	22-0090	New York Life Global Fdg 3.25 04/07/27 Royal Bank of Canada 3.54 05/31/27	05/13/22	Open	3.5400		1.000000	5,000,000.00	4,906,950.00 5,000,000.00	0.00	1.000000	5,000,000.00 5,000,000.00	4,927,135.62 5,000,000.00
74368CBP8	23-0094	Protective Life Global 4.714 07/06/27	07/06/22	Open	4.6581		1.000000	5,000,000.00	5,012,350.00	-12,350.00	1.000000	5,000,000.00	5,010,133.66
194162AN3	23-0002	Colgate-Palmolive Co 3.10 08/15/27	08/18/22	07/15/27	3.2845		0.991560	5,000,000.00	4,957,800.00	42,200.00	0.992971	5,000,000.00	4,964,855.11
637639AH8	23-0009	National Secs Clearing 5.10 11/21/27	02/13/23	Open	4.6813		1.017650	5,000,000.00	5,088,250.00	-88,250.00	1.016436	5,000,000.00	5,082,180.88
6944PL2S7	23-0040	Pacific Life GF II 4.90 04/04/28	04/24/23	Open	4.8630		1.001570	5,000,000.00	5,007,850.00	-7,850.00	1.001533	5,000,000.00	5,007,663.35
341081GN1	23-0043	Florida Power & Light Co 4.40 05/15/28	06/13/23	Open	4.6821		0.987700	5,000,000.00	4,938,500.00	61,500.00	0.987815	5,000,000.00	4,939,076.08
Corporate Bond Total	20 0002	1 1011dd 1 0 Wor d Eight 00 4.40 00/10/20	00/10/20	Орон	2.4519		1.007568	267,116,000.00			1.000905	257,116,000.00	257,348,788.83
157411TN9	22-0092	CA Chaffey Joint Union High Sch 2.615 08/01/27	05/17/22	02/01/27	3.4514		0.960430	6,035,000.00	5,796,195.05	238,804.95	0.969310	6,035,000.00	5,849,784.40
172217K34	20-0116	City of Cincinnati OH GO 1.73 12/01/29	03/19/20	Open	1.7300		1.000000	7,420,000.00	7,420,000.00	0.00	1.000000	7,420,000.00	7,420,000.00
172217K42	20-0117	City of Cincinnati OH GO 1.83 12/01/30	03/19/20	Open	1.8300	1.8300	1.000000	7,115,000.00	7,115,000.00	0.00	1.000000	7,115,000.00	7,115,000.00
172217J93	20-0115	City of Cincinnati OH GO 2.00 12/01/27	03/19/20	Open	1.5203	1.5203	1.034740	5,405,000.00	5,592,769.70	-187,769.70	1.020414	5,405,000.00	5,515,337.82
3954606Z6	23-0019	City of Greensboro NC 4.75 04/01/28	11/16/22	Open	4.6021	4.6021	1.007020	3,920,000.00	3,947,518.40	-27,518.40	1.006243	3,920,000.00	3,944,471.61
4423313F9	23-0036	City of Houston TX GO LTD 3.725 03/01/30	01/25/23	03/01/28	4.2883	4.4819	0.965800	5,575,000.00	5,384,335.00	190,665.00	0.968453	5,575,000.00	5,399,124.79
64966QCC2	20-0045	City of New York NY 2.39 08/01/26	12/16/19	Open	2.4171	2.4171	0.998340	7,000,000.00	6,988,380.00	11,620.00	0.999200	7,000,000.00	6,994,399.93
64966QCD0	20-0043	City of New York NY 2.49 08/01/27	12/16/19	Open	2.4891	2.4891	1.000050	7,000,000.00	7,000,350.00	-350.00	1.000035	7,000,000.00	7,000,242.11
64966QCE8	20-0044	City of New York NY 2.63 08/01/28	12/16/19	Open	2.5991	2.5991	1.002360	6,940,000.00	6,956,378.40	-16,378.40	1.001462	6,940,000.00	6,950,146.25
79623PER2	22-0079	City of San Antonio TX 1.095 02/01/26	04/01/22	Open	2.8134	2.8134	0.937960	10,000,000.00	9,379,600.00	620,400.00	0.957479	10,000,000.00	9,574,785.75
44256PYR8	21-0049	Howard County MD 0.65 08/15/25	10/20/20	Open	0.6401		1.000470	7,295,000.00	7,298,428.65	-3,428.65	1.000208	7,295,000.00	7,296,518.83
44256PYD9	20-0141	Howard County MD 1.99 08/15/29	05/07/20	Open	1.7393		1.021390	1,375,000.00	1,404,411.25	-29,411.25	1.014497	1,375,000.00	1,394,933.27
44256PXN8	20-0142	Howard County MD 1.99 08/15/29	05/07/20	Open	1.7393		1.021390	1,905,000.00	1,945,747.95	-40,747.95	1.014497	1,905,000.00	1,932,616.65
534366CW7	22-0099	Lincoln Nebraska W. Haymarket 3.00 12/15/27	06/16/22	Open	3.9571		0.953130	4,000,000.00	3,812,520.00	187,480.00	0.961258	4,000,000.00	3,845,030.63
61334PDD2	21-0020	Montgomery County MD 1.25 11/01/27	08/05/20	Open	0.9902		1.018110	5,000,000.00	5,090,550.00	-90,550.00	1.010993	5,000,000.00	5,054,965.76
61334PDE0	21-0080	Montgomery County MD 1.25 11/01/28	12/04/20	Open	1.0841		1.012540	5,000,000.00	5,062,700.00	-62,700.00	1.008575	5,000,000.00	5,042,876.39
13063DRD2	20-0056	State of California 2.375 10/01/26	01/02/20	Open		2.3412	1.002090	8,000,000.00	8,016,720.00	-16,720.00	1.001052	8,000,000.00	8,008,414.16
13063DRE0	20-0060	State of California 2.50 10/01/29	01/21/20	Open	2.3562		1.012390	5,000,000.00	5,061,950.00	-61,950.00	1.008312	5,000,000.00	5,041,560.59
13063DRE0	20-0098	State of California 2.50 10/01/29	02/24/20	Open	2.0571		1.038410	5,000,000.00	5,192,050.00	-192,050.00	1.025850	5,000,000.00	5,129,250.84
13063DC63	22-0065	State of California 3.00 08/01/28	01/28/22	Open	2.0000		1.060740	5,000,000.00	5,303,700.00	-303,700.00	1.048103	5,000,000.00	5,240,516.01
13063DC63	23-0001 23-0048	State of California 3.00 08/01/28	07/25/22	Open	3.7342		0.960760	5,000,000.00	4,803,800.00	196,200.00	0.966297	5,000,000.00	4,831,486.71
3733842W5 419792KL9	23-0048	State of Georgia 4.25 02/01/29 State of Hawaii 2.802 10/01/27	04/11/23 04/25/22	02/01/25 10/01/26	4.1826 3.4214		1.003390 0.969510	7,000,000.00 5,725,000.00	7,023,730.00 5,550,444.75	-23,730.00 174,555.25	1.003016 0.977207	7,000,000.00 5,725,000.00	7,021,111.78 5,594,507.55
574193TT5	21-0100	State of Maryland GO 1.09 08/01/27	04/25/22	Open	0.8471		1.015480	7,350,000.00	7,463,778.00	-113,778.00	1.009727	7,350,000.00	7,421,494.49
574193115 574193TT5	21-0100	State of Maryland GO 1.09 08/01/27 State of Maryland GO 1.09 08/01/27	01/07/21	Open	0.8521		1.015460	5,000,000.00	5,075,800.00	-75,800.00	1.009727	5,000,000.00	5,047,633.30
574193115 574193WE4	23-0043	State of Maryland GO 1.09 06/01/27 State of Maryland GO 4.00 03/15/26	03/29/23	Open	4.0000		1.000000	5,000,000.00	5,000,000.00	0.00	1.009327	5,000,000.00	5,000,000.00
574193WE4	23-0043	State of Maryland GO 4.00 03/15/27	03/29/23	Open	4.0500		1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
605581LQ8	23-0044	State of Mississippi 3.971 11/01/29	12/29/22	Open	4.6620		0.959880	5,000,000.00	4,799,400.00	200,600.00	0.962486	5,000,000.00	4,812,429.20
649791PR5	22-0082	State of New York 2.26 02/15/26	04/21/22	Open	3.1001		0.969960	5,000,000.00	4,849,800.00	150,200.00	0.979004	5,000,000.00	4,895,022.03
70914PME9	23-0031	State of Pennsylvania 4.65 02/15/26	12/20/22	08/13/23				5,000,000.00	5,005,350.00	-5,350.00	1.000000	3,845,000.00	3,845,000.00
	20 3001	Simojirama 1.00 OE/10/20	, _0,	30, .0,20		3.0020		5,555,555.50	5,555,555.50	3,000.00		5,5.0,000.00	0,0.0,000.00

			P	rince W		Coun	ty						
CUSIP	Invest	Security	Purchase		0/2023 Yield	Yield	Original	Original	Original	Orig Prem	Ending	Ending	Ending
	Number	Description	Date	Date		Call	Unit Cost	Par Val/Shares	Princ/Cost	Discount	Unit Price	Par Val/Shares	Amor Val/Cost
882724RE9	21-0083	State of Texas GO 2.326 10/01/29	12/08/20	Open	1.2159 1	1.2159	1.092510	4,000,000.00	4,370,040.00	-370,040.00	1.066613	4,000,000.00	4,266,452.96
882724QJ9	20-0092	State of Texas GO 2.604 04/01/30	02/19/20	04/01/29	2.1125 2	2.0653	1.044560	2,075,000.00	2,167,462.00	-92,462.00	1.029065	2,075,000.00	2,135,309.62
8827237S2	22-0095	State of Texas GO 3.451 10/01/28	06/02/22	10/01/27	3.3638 3	3.3492	1.004900	7,980,000.00	8,019,102.00	-39,102.00	1.004001	7,980,000.00	8,011,925.44
882830AG7	23-0039	State of Texas GO 5.00 04/01/28	02/13/23	Open	4.1131 4		1.040620	6,450,000.00	6,711,999.00	-261,999.00	1.037908	6,450,000.00	6,694,509.80
882724XN2	22-0042	State of Texas GO 5.00 10/01/27	11/18/21	Open	1.5176 1		1.194870	5,000,000.00	5,974,350.00	-974,350.00	1.142790	5,000,000.00	5,713,951.36
93974D5X2	23-0030	State of Washington GO 3.55 08/01/30	01/13/23	08/01/28	4.2830 4		0.953120	5,735,000.00	5,466,143.20	268,856.80	0.956653	5,735,000.00	5,486,402.41
97705MZF5	20-0158	State of Wisconsin 1.875 05/01/25	02/11/20	Open	1.8750 1		1.000000	680,000.00	680,000.00	0.00	1.000000	680,000.00	680,000.00
97705MZP3	20-0159	State of Wisconsin 1.875 05/01/25	02/11/20	Open	1.8750 1		1.000000	1,320,000.00	1,320,000.00	0.00	1.000000	1,320,000.00	1,320,000.00
97705MQL2	20-0072	State of Wisconsin 2.038 05/01/26	02/11/20	Open	2.0380 2		1.000000	1,000,000.00	1,000,000.00	0.00	1.000000	1,000,000.00	1,000,000.00
97705MQP3	20-0073	State of Wisconsin 2.267 05/01/29	02/11/20	Open	2.2670 2		1.000000	1,000,000.00	1,000,000.00	0.00	1.000000	1,000,000.00	1,000,000.00
938429V95	23-0004	Washington Cnty OR Sch Dist 1.593 06/15/28	07/18/22	Open	3.5703 3		0.895500 0.994580	7,000,000.00	6,268,500.00	731,500.00	0.910925 0.995987	7,000,000.00	6,376,471.75
041431VM6 16532LNX0	21-0062 20-0130	VA Arlington County 1.403 08/01/30 VA City of Chesapeake 1.877 08/01/28	11/17/20 04/23/20	Open Open	1.4629 1 1.7003 1		1.013590	3,020,000.00 1,000,000.00	3,003,631.60 1,013,590.00	16,368.40 -13,590.00	1.008572	3,020,000.00 1,000,000.00	3,007,879.59 1,008,572.11
655867J75	21-0054	VA City of Norfolk 1.304 10/01/29	10/15/20	Open	1.7003 1		0.996120	3,750,000.00	3,735,450.00	14,550.00	0.997244	3,750,000.00	3,739,664.90
655867J75	21-0034	VA City of Norfolk 1.304 10/01/29  VA City of Norfolk 1.304 10/01/29	01/11/21	Open	1.2151 1		1.007330	2,000,000.00	2,014,660.00	-14,660.00	1.005333	2,000,000.00	2,010,665.34
655867J83	21-0113	VA City of Norfolk 1.414 10/01/30	10/15/20	Open	1.4170 1		0.999720	4,380,000.00	4,378,773.60	1,226.40	0.999791	4,380,000.00	4,379,084.76
655867G45	21-0033	VA City of Norfolk 1.55 09/01/26	01/11/21	Open	0.7161 0		1.046000	6,950,000.00	7,269,700.00	-319,700.00	1.026061	6,950,000.00	7,131,120.79
765433LU9	20-0132	VA City of Richmond Rev Bond 2.495 01/15/29	04/27/20	Open	1.7634 1		1.058880	3,675,000.00	3,891,384.00	-216,384.00	1.038443	3,675,000.00	3,816,277.38
765433LV7	20-0133	VA City of Richmond Rev Bond 2.595 01/15/30	04/27/20	Open	1.8644 1		1.064670	1,500,000.00	1,597,005.00	-97,005.00	1.044780	1,500,000.00	1,567,170.49
86481ACV4	22-0023	VA City of Suffolk VA GO Unitd 0.85 02/01/26	10/05/21	Open	0.8500 0		1.000000	5,600,000.00	5,600,000.00	0.00	1.000000	5,600,000.00	5,600,000.00
30382AKG6	21-0041	VA Fairfax County 1.233 10/01/29	09/18/20	Open	1.1740 1		1.005040	3,250,000.00	3,266,380.00	-16,380.00	1.003544	3,250,000.00	3,261,516.51
426056X36	21-0002	VA Henrico County 1.28 08/01/28	07/02/20	Open	1.2800 1		1.000000	1,540,000.00	1,540,000.00	0.00	1.000000	1,540,000.00	1,540,000.00
426056X44	21-0003	VA Henrico County 1.33 08/01/29	07/02/20	Open	1.3300 1		1.000000	1,975,000.00	1,975,000.00	0.00	1.000000	1,975,000.00	1,975,000.00
928077JU1	17-0123	VA St Port Auth Fac Rev 2.616 07/01/23	11/17/16	Open	2.6160 2	2.6160	1.000000	225,000.00	225,000.00	0.00	1.000000	225,000.00	225,000.00
92817SXW3	23-0050	VA Virginia Public School Auth 4.25 12/15/30	04/25/23	Open	4.3345 4	1.3345	0.994510	9,875,000.00	9,820,786.25	54,213.75	0.994667	9,875,000.00	9,822,335.66
92818NVD7	21-0063	VA Virginia Resources Authority 1.005 11/01/26	11/18/20	Open	1.0050 1	1.0050	1.000000	1,175,000.00	1,175,000.00	0.00	1.000000	1,175,000.00	1,175,000.00
92818NVE5	21-0064	VA Virginia Resources Authority 1.185 11/01/27	11/18/20	Open	1.1850 1	1.1850	1.000000	2,000,000.00	2,000,000.00	0.00	1.000000	2,000,000.00	2,000,000.00
92818NVF2	21-0065	VA Virginia Resources Authority 1.413 11/01/28	11/18/20	Open	1.4130 1	1.4130	1.000000	2,045,000.00	2,045,000.00	0.00	1.000000	2,045,000.00	2,045,000.00
92818NVH8	21-0066	VA Virginia Resources Authority 1.613 11/01/30	11/18/20	Open	1.6130 1	1.6130	1.000000	1,805,000.00	1,805,000.00	0.00	1.000000	1,805,000.00	1,805,000.00
92818NHL5	21-0061	VA Virginia Resources Authority 2.257 11/01/25	11/16/20	Open	0.7301 0	0.7301	1.074220	3,500,000.00	3,759,770.00	-259,770.00	1.035259	3,500,000.00	3,623,406.37
92778WKR6	21-0107	VA Virginia St Clg Bldg Auth 0.61 09/01/25	02/09/21	Open	0.6100 0	0.6100	1.000000	6,000,000.00	6,000,000.00	0.00	1.000000	6,000,000.00	6,000,000.00
92778WKS4	21-0108	VA Virginia St Clg Bldg Auth 0.77 09/01/26	02/09/21	Open	0.7700 0		1.000000	6,000,000.00	6,000,000.00	0.00	1.000000	6,000,000.00	6,000,000.00
92778WKT2	21-0109	VA Virginia St Clg Bldg Auth 0.94 09/01/27	02/09/21	Open	0.9400 0		1.000000	6,000,000.00	6,000,000.00	0.00	1.000000	6,000,000.00	6,000,000.00
92778WKU9	21-0110	VA Virginia St Clg Bldg Auth 1.13 09/01/28	02/09/21	Open	1.1300 1		1.000000	6,000,000.00	6,000,000.00	0.00	1.000000	6,000,000.00	6,000,000.00
92778WKV7	21-0116	VA Virginia St Clg Bldg Auth 1.33 09/01/29	02/09/21	Open	1.3300 1		1.000000	6,000,000.00	6,000,000.00	0.00	1.000000	6,000,000.00	6,000,000.00
92778VLH9	22-0091	VA Virginia St Clg Bldg Auth 2.91 02/01/24	06/01/22	Open	2.9100 2		1.000000	3,485,000.00	3,485,000.00	0.00	1.000000	3,485,000.00	3,485,000.00
928172R98	17-0070	VA Virginia St Public Bldg Auth 2.00 08/01/23	10/05/16	Open	2.0104 2		0.999350	625,000.00	624,593.75	406.25	0.999991	625,000.00	624,994.63
928173AY9 928173AZ6	22-0080 22-0081	VA Virginia St Public Bldg Auth 2.75 08/01/25 VA Virginia St Public Bldg Auth 2.80 08/01/26	04/26/22 04/26/22	Open Open	2.7500 2 2.8000 2		1.000000	5,000,000.00 5,055,000.00	5,000,000.00 5,055,000.00	0.00	1.000000 1.000000	5,000,000.00 5,055,000.00	5,000,000.00 5,055,000.00
Municipal Bond Total	22-0001	VA VIIGIIIIA SI Public Bidg Adili 2.60 06/01/20	04/20/22	Open	2.3372 2		1.000000	314,730,000.00	315,599,727.55	-869,727.55	1.000000	313,575,000.00	313,801,372.72
Allspring General Pool	AR-0208	Mutual Fund - Money Market	05/01/02	Open	4.9600 4		1.002763	6,007,268.98	6,007,268.98	0.00	1.000722	145,825.08	145,825.08
WELLS FARGO SWEEP GP	AR-0350	Mutual Fund - Money Market	10/01/18	Open	4.9600 4		1.000000	0.00	0.00	0.00	1.000000	26,249,524.00	26,249,524.00
First American Govt Oblig. GP			12/20/21	Open	4.9300 4		1.000000	10,139,565.92	10,139,565.92	0.00	1.000000	10,524,336.69	10,524,336.69
Mutual Fund - Money Market Total	/	matadri and money manter	12/20/21	оро	4.9515 4		1.000000	16,146,834.90	16,146,834.90	0.00	1.000000	36,919,685.77	36,919,685.77
LGIP General Pool	AR-0084	State Pool	08/25/93	Open	5.2700 5		1.000000	0.00	0.00	0.00	1.000000	408,202,801.93	408,202,801.93
State Pool Total					5.2700 5		0.000000	0.00	0.00	0.00	1.000000	408,202,801.93	408,202,801.93
912828J27	22-0053	US Treasury Note 2.00 02/15/25	12/30/21	Open	1.0253 1	1.0253	1.029922	5,000,000.00	5,149,609.38	-149,609.38	1.015659	5,000,000.00	5,078,294.73
912828J27	22-0056	US Treasury Note 2.00 02/15/25	01/07/22	Open	1.1752 1	1.1752	1.025078	5,000,000.00	5,125,390.63	-125,390.63	1.013229	5,000,000.00	5,066,145.53
912828XB1	21-0143	US Treasury Note 2.125 05/15/25	06/18/21	Open	0.6368 0	0.6368	1.057344	5,000,000.00	5,286,718.75	-286,718.75	1.027652	5,000,000.00	5,138,261.76
912828P46	22-0030	US Treasury Note 1.625 02/15/26	10/12/21	Open	0.9313 0	0.9313	1.029453	5,000,000.00	5,147,265.63	-147,265.63	1.017943	5,000,000.00	5,089,713.87
9128286L9	22-0028	US Treasury Note 2.25 03/31/26	09/29/21	Open	0.9203 0	0.9203	1.058516	7,000,000.00	7,409,609.38	-409,609.38	1.036004	7,000,000.00	7,252,025.82
Treasury Note Total					0.9357 0	0.9357	1.041429	27,000,000.00	28,118,593.77	-1,118,593.77	1.023127	27,000,000.00	27,624,441.71
100 - POOLED INVESTMENTS Total					2.6866 2	2.6889	1.004033	1,492,403,834.90	1,498,422,567.99	-6,018,733.09	1.000989	1,934,599,277.82	1,936,512,447.78

# Attachment B Investment Statistics

			FY 2023			FY 2022	FY 2021	FY 2020
	Q1	Q2	Q3	Q4	YTD			
Portfolio Return & Earnings (\$ In Millions)								
Total Return	(41.0)	15.3	36.2	(3.1)	7.5	(89.1)	0.0	37.6
Earnings - General Fund	3.6	6.1	6.8	5.2 <sup>1</sup>	21.7 <sup>1</sup>	7.6	7.8	11.2
General Fund Participation as a								
Percent of Earnings	52.3%	59.6%	57.1%	52.9% <sup>1</sup>	55.8% <sup>1</sup>	52.8%	52.5%	49.7%
Average Composition (\$ In Millions)								
Government Agency Securities	758.1	776.1	808.0	832.2	793.6	725.1	603.0	534.7
Cash Accounts	29.3	29.5	29.8	30.1	29.7	63.2	90.5	44.7
Certificates of Deposit	0.0	6.7	20.0	20.0	11.6	24.5	5.0	7.6
Commercial Paper	14.7	19.4	12.7	4.8	12.9	1.5	6.2	4.2
Corporate Bonds	227.5	246.6	253.5	253.4	245.2	166.1	175.4	187.3
Municipal Bonds	259.9	262.8	283.2	310.4	280.2	210.4	161.0	70.4
Money Market	32.9	34.4	46.5	25.4	34.8	35.5	57.9	107.1
LGIP	354.1	470.7	455.3	228.8	377.2	335.7	324.9	263.1
Treasury Securities	28.0	27.9	27.8	27.7	27.8	19.6	1.8	0.1
Average Invested Balances (\$ In Millions)								
High	1,727.1	2,071.6	2,046.9	1,792.4	2,073.6	1,792.1	1,613.7	1,406.7
Low	1,673.9	1,708.6	1,859.6	1,686.9	1,675.9	1,461.8	1,297.0	1,106.3
Comparative Performance (%)								
PWC Total Return	-9.60	3.26	7.51	-0.71	0.41	-5.63	0.00	3.08
PWC Earnings Yield	1.59	2.19	2.51	2.35	2.17	0.92	1.04	1.85
ICE BofA 1-3 Yr U.S. Treas. Total Return	-6.75	2.95	6.45	-2.27	-0.04	-3.29	0.09	4.15
ICE BofA 1-3 Yr U.S. Treas. Earnings Yield	1.46	1.83	2.10	2.06	1.86	1.27	1.53	2.10
VA LGIP	2.58	3.77	4.73	5.15	3.98	0.31	0.19	1.60
U.S. Treasury (90-Day)	2.75	4.19	4.78	5.27	4.24	0.38	0.07	1.22
U.S. Treasury (2 Year)	3.38	4.39	4.34	4.26	4.09	1.23	0.15	1.14

<sup>1</sup> Actuals were not available at the time this report was published. Data provided are estimates.

# July 26

Recent indicators suggest that economic activity has been expanding at a moderate pace. Job gains have been robust in recent months, and the unemployment rate has remained low. Inflation remains elevated.

The U.S. banking system is sound and resilient. Tighter credit conditions for households and businesses are likely to weigh on economic activity, hiring, and inflation. The extent of these effects remains uncertain. The Committee remains highly attentive to inflation risks

The Committee seeks to achieve maximum employment and inflation at the rate of 2 percent over the longer run. In support of these goals, the Committee decided to raise the target range for the federal funds rate to 5-1/4 to 5-1/2 percent. The Committee will continue to assess additional information and its implications for monetary policy. In determining the extent of additional policy firming that may be appropriate to return inflation to 2 percent over time, the Committee will take into account the cumulative tightening of monetary policy, the lags with which monetary policy affects economic activity and inflation, and economic and financial developments. In addition, the Committee will continue reducing its holdings of Treasury securities and agency debt and agency mortgage-backed securities, as described in its previously announced plans. The Committee is strongly committed to returning inflation to its 2 percent objective.

In assessing the appropriate stance of monetary policy, the Committee will continue to monitor the implications of incoming information for the economic outlook. The Committee would be prepared to adjust the stance of monetary policy as appropriate if risks emerge that could impede the attainment of the Committee's goals. The Committee's assessments will take into account a wide range of information, including readings on labor market conditions, inflation pressures and inflation expectations, and financial and international developments.

Voting for the monetary policy action were Jerome H. Powell, Chair; John C. Williams, Vice Chair; Michael S. Barr; Michelle W. Bowman; Lisa D. Cook; Austan D. Goolsbee; Patrick Harker; Philip N. Jefferson; Neel Kashkari; Lorie K. Logan; and Christopher J. Waller.

#### June 14

Recent indicators suggest that economic activity has continued to expand at a modest pace. Job gains have been robust in recent months, and the unemployment rate has remained low. Inflation remains elevated.

The U.S. banking system is sound and resilient. Tighter credit conditions for households and businesses are likely to weigh on economic activity, hiring, and inflation. The extent of these effects remains uncertain. The Committee remains highly attentive to inflation risks.

The Committee seeks to achieve maximum employment and inflation at the rate of 2 percent over the longer run. In support of these goals, the Committee decided to maintain the target range for the federal funds rate at 5 to 5-1/4 percent. Holding the target range steady at this meeting allows the Committee to assess additional information and its implications for monetary policy. In determining the extent of additional policy firming that may be appropriate to return inflation to 2 percent over time, the Committee will take into account the cumulative tightening of monetary policy, the lags with which monetary policy affects economic activity and inflation, and economic and financial developments. In addition, the Committee will continue reducing its holdings of Treasury securities and agency debt and agency mortgage-backed securities, as described in its previously announced plans. The Committee is strongly committed to returning inflation to its 2 percent objective.

In assessing the appropriate stance of monetary policy, the Committee will continue to monitor the implications of incoming information for the economic outlook. The Committee would be prepared to adjust the stance of monetary policy as appropriate if risks emerge that could impede the attainment of the Committee's goals. The Committee's assessments will take into account a wide range of information, including readings on labor market conditions, inflation pressures and inflation expectations, and financial and international developments.

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#### **Account Statement**

For the Month Ending June 30, 2023

# **Consolidated Summary Statement**

# **Prince William County**

Portfolio Summary			
	Cash Dividends	Closing	Current
Portfolio Holdings	and Income	Market Value	Yield
SNAP Fund	83,742.18	20,112,021.63	5.32 %
SNAP Managed Account	96,605.35	8,634,677.95	* N/A
Total	\$180,347.53	\$28,746,699.58	

<sup>\*</sup> Not Applicable

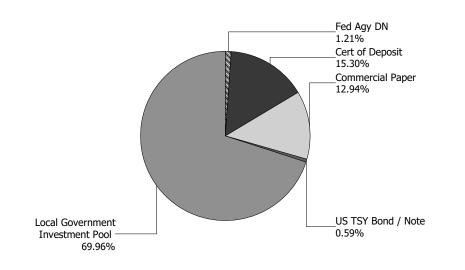
Investment Allocation		
Investment Type	Closing Market Value	Percent
Federal Agency Discount Note	348,400.94	1.21
Certificate of Deposit	4,397,525.71	15.30
Commercial Paper	3,719,787.25	12.94
U.S. Treasury Bond / Note	168,964.05	0.59
Local Government Investment Pool	20,112,021.63	69.96
Total	\$28,746,699,58	100.00%

## **Maturity Distribution (Fixed Income Holdings)**

Portfolio Holdings	Closing Market Value	Percent
Under 30 days	22,311,852.68	77.62
31 to 60 days	1,885,830.99	6.56
61 to 90 days	4,549,015.91	15.82
91 to 180 days	0.00	0.00
181 days to 1 year	0.00	0.00
1 to 2 years	0.00	0.00
2 to 3 years	0.00	0.00
3 to 4 years	0.00	0.00
4 to 5 years	0.00	0.00
Over 5 years	0.00	0.00
Total	\$28,746,699.58	100.00%

Weighted Average Days to Maturity 13

## **Sector Allocation**



#### **Commonly Used Acronyms**

**APY** Annual Percentage Yield

**CUSIP** Committee on Uniform Securities Identification Procedures

**DK** Don't Know

DTC Depository Trust CompanyDVP Delivery vs. Payment

FDIC Federal Deposit Insurance Company
FINRA Financial Industry Regulatory Authority
FOMC Federal Open Market Committee or 'The Fed'

NRSROs Nationally Recognized Statistical Rating Organizations

**QPD** Qualified Public Depository **REPOS** Repurchase Agreements

**SEC** Securities and Exchange Commission

**SIFMA** Securities Industry and Financial Markets Association

**SNAP** Virginia State Non-Arbitrage Program

YTC Yield to Call YTM Yield to Maturity YTW Yield to Worst

#### **Definitions**

**ABA Transit Number -** A unique number assigned by the ABA that identifies a specific federal or state chartered bank or savings institution (also referred to as ABA routing number).

Accrued Interest - The amount of interest that accumulates on a fixed-income security from one interest payment to the next.

**Agency Bonds** – The informal name that refers to securities issued by agencies of the United States Government and U.S. Government Sponsored Enterprises.

Annual Percentage Yield – The effective annual rate of return taking into account the effect of compounding interest.

Ask - The lowest price at which a seller is willing to sell his or her securities.

**Asset Allocation** – The diversification of assets across different asset classes, such as stocks, bonds and cash, to meet goals given risk tolerance, tax status and time horizon.

Asset Class – The categorization of an asset. Examples of representative asset classes include equities, bonds, money markets and cash.

**Basis Point** - A unit that is equal to 1/100th of 1% and is used to denote the change in a financial instrument. One basis point on a \$1,000,000 bond is equal to \$100.

**Benchmark** – A standard index used for measuring the performance of an investment. The goal of most money managers and investors is to outperform their respective benchmark.

**Bid** – The price a broker is willing to pay for a security.

**Bond** - A debt instrument issued by corporations and governments in which the issuer promises to pay to the bondholder principal and interest according to the terms and conditions of the bond.

**Book Entry** - Most bonds are issued in book entry form, which means that there is no physical bond certificate. Bond ownership is evidenced by a trade confirmation issued by the broker/dealer, and by the monthly statements that the brokerage firm provides.

**Bullet** - A bond that is not able to be redeemed prior to maturity is said to be non-callable. A slang term for a non-callable bond is a "bullet". A bullet usually carries a lower interest rate since the investor is protected against the possibility of the bond being called when interest rates fall.

**Call Date** - The date after which a bond issuer can redeem a callable bond. The list of dates on which a specified bond can be called is a call schedule.

**Call Protection** – A period of time during which a bond issuer cannot call, or buy back, a bond. For example, if the first call on a bond is in 3 years from now, a buyer will have 3 years of call protection, and they are assured that they can own the bond for at least 3 years.

**Call Risk** – Risk to a bond holder that a bond may be redeemed before scheduled maturity. The main risk of having a bond called before maturity is that the investor will be unable to replace the bond's yield with another similar quality bond paying the same yield.

**Callable Bond** - A callable bond can be redeemed by the issuer before it matures if that provision is included in the terms of the bond agreement. Bonds are typically called when interest rates fall, since issuers can save money by paying off existing debt and offering new bonds at lower rates.

Certificate of Deposit – A deposit of funds, in a bank or savings and loan association, for a specified term that earns interest at a specified rate or rate formula.

**Commercial Paper** – Commercial paper consists of unsecured, short-term promissory notes issued by companies or commercial bank holdings. CP maturities are generally limited to a maximum of 270 days.

**Corporate Bond** - The debt of corporations. The bonds are fully taxable, and issued in maturities ranging from less than one year up to 30 years.

**Covered Bonds - A** corporate bond with one important enhancement: Recourse to a pool of assets that secures or "covers" the bond if the originator (usually a financial institution) becomes insolvent. This enhancement typically (although not always) results in the bonds being assigned AAA credit ratings.

For the investor, one major advantage to a covered bond is that the debt and the underlying asset pool remain on the issuer's financials, and issuers must ensure that the pool consistently backs the covered bond. In the event of default, the investor has recourse to both the pool and the issuer. Another advantage is that the interest is paid from an identifiable source of projected cash flow versus out of other financing operations.

**Coupon** – Interest rate on a debt security the issuer promises to pay to the holder until maturity.

**Credit Ratings** - A financial indicator to potential investors used to assess the credit worthiness of a bond issuer. NRSROs are agencies that study the financial strength of bond issuers, and assign credit ratings. The three major NRSROs are Moody's Investors Service, Inc., Standard & Poor's Inc. and Fitch Ratings.

**Current Yield** - The rate of return an investor will get, without taking into account the value of the premium or discount of the purchase price. It is calculated by dividing the coupon by the price. The current yield is not a good indication of your return on investment. Yield to maturity and yield to call take into account the value of the discount or premium paid for the bond, and as such they offer a much better indication of the value of the bond.

**CUSIP** - A CUSIP number identifies a company or issuer and the type of security.

**Dated Date** - The date a bond is issued and starts to accrue interest.

**Default Risk** - The event in which companies will be unable to make the required payments on their debt obligations. Default risk is a component in virtually all forms of credit extensions. To mitigate the impact of default risk, lenders often charge rates of return that correspond to the debtor's level of default risk.

**Delivery vs. Payment** – The simultaneous exchange of securities and cash. The safest method of settling either the purchase or sale of a security.

**Discount** – The amount by which the price for a security is less than its par.

**Diversification** – The investment of funds in several different asset classes and a variety of securities within each class to help reduce the impact of volatility in a portfolio and assist in managing risk.

**DK** – "don't know". A security is said to be 'DK'd" when it is delivered to the purchaser or more typically the purchaser's correspondent but is rejected because the purchaser either doesn't know or doesn't agree with one or more of the aspects of the trade.

**Duration** – A measure of the average timing of cash flows from an asset or a liability or from an asset portfolio or a liability portfolio. Essentially, duration is a more accurate measure of maturity because it reflects the timing of cash flows from period interest and/or principal payments in addition to the cash flows represented by the funds transferred at maturity. Duration is computed by summing the present values of all of the future cash flows after multiplying each by the time until receipt, and then dividing that product by the sum of the present value of the future cash flows without weighting them for the time of receipt.

Earnings Yield – The result of coupon interest rates, principal value invested and the time period of investments being measured.

**Extraordinary Redemption** - Some municipal bonds are issued with an extraordinary redemption provision which gives the issuer the right to call the bonds under certain circumstances. The circumstances could range from natural disasters to cancelled projects to almost anything else.

**General Obligation Bonds** - Municipal bond backed by the full faith and credit of a municipality. A GO bond is repaid with general revenue and borrowings.

Government Obligations - Bonds, notes and other evidences of indebtedness of the: U.S. Government or agency thereof, Commonwealth of Virginia, and Virginia political subdivisions. The principal and interest of which are unconditionally guaranteed. Such securities will include, but not be limited to: U.S. Treasury Bills, Notes and Bonds, State and Local Government Securities (SLGS), Government National Mortgage Association (GNMA), Small Business Administration (SBA), Federal Housing Administration (FHA), Farmers Home Administration (FHMA), General Services Administration (GSA) and Export-Import Bank.

Government Sponsored Enterprises (GSEs) – U.S. Government sponsored corporations which carry the implicit backing of the U.S. Government, but are not direct obligations of the U.S. Government. For this reason, these securities will offer a yield premium over Treasuries. Examples of GSEs include: Federal National Mortgage Association (FNMA), Federal Farm Credit Bank (FFCB), Federal Home Loan Bank or its District Banks (FHLB) and Federal Home Loan Mortgage Corporation (FHLMC).

**High Yield Bonds** – A bond that has a rating of BB or lower and that pays a higher yield to compensate for its greater risk. Also known as non-investment grade, speculative-grade, or junk bonds

**Interest Rate** – Rate of interest charged for the use of money, usually expressed at an annual rate.

**Interest Payment Dates** - Most bonds pay interest semi-annually (twice per year). The interest payment dates are usually the same month and day as the maturity date of the bond, and the six month anniversary.

**Investment Grade** – A rating that indicates that a municipal or corporate bond has a relatively low risk of default. Bonds that are rated at or above 'Baa' by Moody's or 'BBB' by S&P are said to be investment grade bonds

**Issuer** – A legal entity that develops, registers and sells securities for the purpose of financing its operations. The issuer is a company in the case of a corporate bond, or a state, city, or county in the case of a municipal bond. The U.S. government is the issuer of Treasury bonds.

**Laddered Bond Portfolio** - A portfolio in which asset classes and investment maturities are staggered, in order to receive regular income and to smooth-out the effect of interest rate fluctuations. This also enables the investor to diversify in terms of default risk and reinvestment risk.

**Liquidity** – The ability to rapidly buy or sell an asset without substantially affecting the asset's price.

Liquidity Risk - The ability to easily convert securities to cash and is determined by how active the secondary market is for a particular security.

**Market Risk** – The possibility for an investor to experience losses due to factors that affect the overall performance of the financial markets. Market risk, also called "systemic risk", cannot be eliminated through diversification, though it can be hedged against.

Mark to Market – When an investment is marked to the market, its value is adjusted to reflect the current market price.

**Maturity Date** - The date at which a debt instrument is due and payable.

**Municipal Bonds** - Bonds that are issued by state, county, or city governments to finance general governmental activities or special projects. They are generally exempt from federal tax, and are generally state tax-free for residents of the state in which they are issued.

**Par Value** - The face value, or named value, of a stock or bond. With bonds, par value, is the amount you pay to purchase at issue and the amount you receive when the bond is redeemed at maturity. Par is also the basis on which the interest you earn on a bond is figured.

**Premium** - Amount by which a bond sells above its face (par) value.

Principal - Basic amount invested, exclusive of earnings

**Realized Gain -** The amount by which the sale price of an asset exceeds its purchase price.

Rebalancing - The systematic practice of restoring your portfolio to its intended asset allocation

**Repurchase Agreement** – A form of secured, short-term borrowing in which a security is sold with a simultaneous agreement to buy it back from the purchaser at a future date. Rates paid on repos are short-term money market interest rates and are completely unrelated to the coupon rate paid on the instrument being purchased.

**Revenue Bonds** - The interest and principal payments for municipal bonds are typically either guaranteed by the issuer or by the revenue from a specific project. If they are guaranteed by a specific project, the bondholder is relying on revenue from the project to pay principal and interest, and the bonds are known as revenue bonds.

**Reverse Repurchase Agreement** - The mirror image of a REPO. In a reverse REPO, an investor (governmental entity) owns securities, such as a Treasury note, U.S. government agency bond or other security, that a bank or dealer purchases under an agreement and sells back to an investor on a specified date, at an agreed-upon interest rate.

**Secondary Market** - A market where investors purchase securities or assets from other investors, rather than from issuing companies themselves.

**Settlement Date -** Date by which an executed order must be settled, either by a buyer paying for the securities with cash or by a seller delivering the securities and receiving the proceeds of the sale for them.

**SNAP** - The Treasury Board, an agency of the Commonwealth of Virginia, is responsible for implementing and supervising SNAP, which provides assistance to local governments in the investment of bond proceeds and the preparation of rebate calculations in compliance with treasury arbitrage rebate calculations.

**Spread** - The difference between the yield of the bond and the yield of a Treasury bond with a comparable maturity. Since the Treasury yield is considered risk-free, the spread reflects the risk premium of the bond.

**Step-Up Bond** - A bond that pays an initial coupon rate for the first period, and then a higher coupon rate for the following periods.

**STRIPS** - Separate trading of registered interest and principal of securities.

**Taxable Equivalent Yield** - Pretax yield that a taxable bond would have to pay to equal the tax-free yield of a municipal bond in an investor's tax bracket.

**Total Return** – The return on investment, including income from dividends and interest, as well as appreciation or depreciation in the price of the security, over a given time period.

Trade Date - Day on which a security trade actually takes place.

**Treasury Bills** - Securities issued by the U.S. Government in 3 month, 6 month and 1 year maturities, and they are sold at a discount to par. The bonds do not pay period interest, and the return an investor receives is based on the amount that the purchase price is discounted from par.

**Treasury Bonds and Notes** - Securities issued by the U.S. Government in maturities of two, five, ten and 30 years. They all pay interest semi-annually. The issues that mature in ten years or less are called notes, and the 30 year issue is called a bond. The 30 year US Treasury bond is also know as the 'long bond'

**Treasury Inflation Protection Securities** (**TIPS**) – Bonds issued by the U.S. Treasury that hedge the purchaser against the impact of inflation by semi-annually increasing the par value of the issue by the amount of inflation. These securities represent a real, inflation-adjusted yield. Because of this the coupon on TIPS is significantly lower than a non-TIP security.

**Treasury STRIPS** - These zero-coupon bonds come about when the bond's coupons are separated from the bond or note; an investor's return is determined by the difference between the purchase price and the bond's trading value, or face value if held to maturity. Treasury STRIPS are a direct obligation of the U.S. Treasury.

Variable/Floating- Rate Securities - Variable- or floating-rate debt may include corporate, municipal, or asset-backed securities and also senior bank loans. They can be linked to nearly any type of benchmark and pay interest based on a wide range of formulas. The most basic type pays a coupon equal to some widely followed interest rate, such as the one- or three-month LIBOR (London Interbank Offered Rate), plus a fixed spread above that rate.

**Yield to Call** - The calculated yield based on price paid, coupon rate and amount of time until first call date. The yield is based on the security being called and not maturing and will fluctuate with market price.

Yield Curve - A curve that shows the relationship between the yields on short-term and long-term bonds of the same investment quality.

**Yield to Maturity** - The calculated return on investment that an investor will get if they hold the bond to maturity. It takes into account the present value of all future cash flows, as well as any premium or discount to par that the investor pays.

**Yield to Worst** - The return if the worst possible bond repayment takes place, or the lowest potential yield that can be received on a bond without the issuer actually defaulting

**Zero Coupon Bonds** - Bonds that do not pay interest during the life of the bond. They are bought at a discount to the maturity value. For example, a zero coupon bond is bought at \$700 today to get back \$1,000 in 5 years. The difference between the purchase amount and the future amount received is the return. Zero Coupon Bonds are similar to savings bonds.