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= "1%">¹

Based on average Common Shares outstanding.

- ² Distributions for annual periods determined in accordance with federal income tax regulations.
- ³ Total returns based on market price, which can be significantly greater or less than the net asset value, may result in substantially different returns. Where applicable, excludes the effects of any sales charges and assumes the reinvestment of distributions.
- ⁴ Aggregate total return.
- ⁵ Annualized.
- ⁶ Includes reorganization costs associated with the Fund's reorganization. Without these costs, total expenses, total expenses after fees waived and/or reimbursed and/or paid indirectly and total expenses after fees waived and/or reimbursed and/or paid indirectly and excluding interest expense, fees and amortization of offering costs would have been 1.52%, 1.50% and 0.95%, respectively.
- ⁷ Interest expense, fees and amortization of offering costs related to TOB Trusts and/or VRDP Shares. See Note 4 and Note 10 of the Notes to Financial Statements for details.
- ⁸ For the six months ended January 31, 2017 and the years ended July 31, 2016, July 31, 2015, July 31, 2014, July 31, 2013 and July 31, 2012, the total expense ratio after fees waived and/or paid indirectly and excluding interest expense, fees, amortization of offering costs, liquidity and remarketing fees was 0.90%, 0.89%, 1.01%, 0.95%, 0.93% and 1.01%, respectively.

See Notes to Financial Statements.

Financial Highlights

BlackRock MuniYield Investment Quality Fund (MFT)

	Six Months Ended January 31, 2017 (Unaudited)		Year Ended July 31,				
	2016	2015	2014	2013	2012		
Per Share Operating Performance							
Net asset value, beginning of period	\$ 15.55	\$ 14.95	\$ 14.83	\$ 13.61	\$ 15.73	\$ 13.40	
Net investment income ¹	0.39	0.83	0.84	0.85	0.84	0.87	
Net realized and unrealized gain (loss)	(1.16)	0.62	0.13	1.22	(2.11)	2.32	
Distributions to AMPS Shareholders from net investment income						(0.01)	
Net increase (decrease) from investment operations	(0.77)	1.45	0.97	2.07	(1.27)	3.18	
Distributions to Common Shareholders from net investment income ²	(0.43)	(0.85)	(0.85)	(0.85)	(0.85)	(0.85)	
Net asset value, end of period	\$ 14.35	\$ 15.55	\$ 14.95	\$ 14.83	\$ 13.61	\$ 15.73	
Market price, end of period	\$ 14.41	\$ 16.09	\$ 13.37	\$ 13.26	\$ 12.20	\$ 15.47	
Total Return Applicable to Common Shareholders³							
Based on net asset value	(4.97)% ⁴	10.31%	7.25%	16.40%	(8.41)%	24.51%	
Based on market price	(7.78)% ⁴	27.63%	7.27%	16.10%	(16.52)%	32.43%	
Ratios to Average Net Assets Applicable to Common Shareholders							
Total expenses	2.00% ⁶	1.61%	1.56%	1.67%	1.72%	1.58% ⁵	
Total expenses after fees waived and/or paid indirectly	2.00% ⁶	1.61%	1.56%	1.67%	1.72%	1.58% ⁵	
Total expenses after fees waived and/or paid indirectly and excluding interest expense, fees and amortization of offering costs ⁷	1.00% ⁶	0.96%	0.98%	1.00%	1.00%	1.08% ^{5,8}	
Net investment income	5.25% ⁶	5.45%	5.52%	6.04%	5.36%	5.94% ⁵	
Distributions to AMPS Shareholders						0.08%	
Net investment income to Common Shareholders	5.25% ⁶	5.45%	5.52%	6.04%	5.36%	5.86%	
Supplemental Data							
Net assets applicable to Common Shareholders, end of period (000)	\$ 121,639	\$ 131,739	\$ 126,696	\$ 125,647	\$ 115,287	\$ 133,160	
VMTP Shares outstanding at \$100,000 liquidation value, end of period (000)	\$ 56,500	\$ 56,500	\$ 56,500	\$ 56,500	\$ 56,500	\$ 56,500	
Asset coverage per VMTP Shares at \$100,000 liquidation value, end of period	\$ 315,289	\$ 333,167	\$ 324,240	\$ 322,384	\$ 304,049	\$ 335,681	
Borrowings outstanding, end of period (000)	\$ 25,821	\$ 21,953	\$ 19,488	\$ 20,284	\$ 28,192	\$ 34,106	
Portfolio turnover rate	20%	21%	13%	32%	51%	43%	

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- ¹ Based on average Common Shares outstanding.
- ² Distributions for annual periods determined in accordance with federal income tax regulations.
- ³ Total returns based on market price, which can be significantly greater or less than the net asset value, may result in substantially different returns. Where applicable, excludes the effects of any sales charges and assumes the reinvestment of distributions.
- ⁴ Aggregate total return.
- ⁵ Does not reflect the effect of distributions to AMPS Shareholders.
- ⁶ Annualized.
- ⁷ Interest expense, fees and amortization of offering costs related to TOBs and/or VMTP Shares. See Note 4 and Note 10 of the Notes to Financial Statements for details.
- ⁸ For the year ended July 31, 2012, the total expense ratio after fees waived and/or paid indirectly and excluding interest expense, fees, amortization of offering costs, liquidity and remarketing fees was 1.05%.

See Notes to Financial Statements.

50 SEMI-ANNUAL REPORT JANUARY 31, 2017

Financial Highlights

BlackRock MuniYield Michigan Quality Fund, Inc.
(MIY)

	Six Months Ended January 31, 2017 (Unaudited)		Year Ended July 31,			
	2016	2015	2014	2013	2012	
Per Share Operating Performance						
Net asset value, beginning of period	\$ 16.36	\$ 15.48	\$ 15.24	\$ 14.16	\$ 16.18	\$ 14.63
Net investment income ¹	0.38	0.79	0.83	0.86	0.90	0.87
Net realized and unrealized gain (loss)	(1.22)	0.92	0.27	1.12	(2.00)	1.61
Net increase (decrease) from investment operations	(0.84)	1.71	1.10	1.98	(1.10)	2.48
Distributions to Common Shareholders from net investment income ²	(0.39)	(0.83)	(0.86)	(0.90)	(0.92)	(0.93)
Net asset value, end of period	\$ 15.13	\$ 16.36	\$ 15.48	\$ 15.24	\$ 14.16	\$ 16.18
Market price, end of period	\$ 13.70	\$ 15.38	\$ 13.22	\$ 13.47	\$ 12.57	\$ 16.05
Total Return Applicable to Common Shareholders³						
Based on net asset value	(4.98)% ⁴	11.99%	8.08%	15.24%	(7.09)%	17.60%
Based on market price	(8.48)% ⁴	23.28%	4.43%	14.74%	(16.86)%	27.46%
Ratios to Average Net Assets Applicable to Common Shareholders						
Total expenses	1.82% ⁵	1.54% ⁶	1.52% ⁷	1.54%	1.50%	1.72%
Total expenses after fees waived and/or reimbursed and/or paid indirectly	1.82% ⁵	1.54% ⁶	1.48% ⁷	1.54%	1.50%	1.72%
Total expenses after fees waived and/or reimbursed and/or paid indirectly and excluding interest expense, fees and amortization of offering costs ⁸	0.89% ⁵	0.93% ⁶	0.93% ⁷	0.93%	0.89%	1.38% ⁹
Net investment income to Common Shareholders	4.77% ⁵	5.02%	5.30%	5.94%	5.62%	5.65%
Supplemental Data						
Net assets applicable to Common Shareholders, end of period (000)	\$ 447,435	\$ 483,968	\$ 282,534	\$ 278,143	\$ 258,341	\$ 294,804
VRDP Shares outstanding at \$100,000 liquidation value, end of period (000)	\$ 231,900	\$ 231,900	\$ 144,600	\$ 144,600	\$ 144,600	\$ 144,600
Asset coverage per VRDP Shares at \$100,000 liquidation value, end of period	\$ 292,943	\$ 308,697	\$ 295,390	\$ 292,354	\$ 278,659	\$ 303,876
Borrowings outstanding, end of period (000)	\$ 57,722	\$ 51,227	\$ 23,487	\$ 23,487	\$ 34,876	\$ 29,568
Portfolio turnover rate	6%	19%	19%	16%	17%	19%

¹ Based on average Common Shares outstanding.

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- ² Distributions for annual periods determined in accordance with federal income tax regulations.
- ³ Total returns based on market price, which can be significantly greater or less than the net asset value, may result in substantially different returns. Where applicable, excludes the effects of any sales charges and assumes the reinvestment of distributions.
- ⁴ Aggregate total return.
- ⁵ Annualized.
- ⁶ Includes reorganization costs associated with the Fund's reorganization. Without these costs total expenses, total expenses after fees waived and/or reimbursed and/or paid indirectly and total expenses after fees waived and/or reimbursed and/or paid indirectly and excluding interest expense, fees and amortization of offering costs would have been 1.49%, 1.49% and 0.88%, respectively.
- ⁷ Includes reorganization costs associated with the Fund's reorganization. Without these costs total expenses, total expenses after fees waived and/or reimbursed and/or paid indirectly and total expenses after fees waived and/or reimbursed and/or paid indirectly and excluding interest expense, fees and amortization of offering costs would have been 1.48%, 1.48% and 0.92%, respectively.
- ⁸ Interest expense, fees and amortization of offering costs related to TOBs and/or VRDP Shares. See Note 4 and Note 10 of the Notes to Financial Statements for details.
- ⁹ For the year ended July 31, 2012, the total expense ratio after fees waived and paid indirectly and excluding interest expense, fees, amortization of offering costs, liquidity and remarketing fees was 0.98%.

See Notes to Financial Statements.

Financial Highlights

BlackRock MuniYield Pennsylvania Quality Fund (MPA)

	Six Months Ended January 31, 2017 (Unaudited)		Year Ended July 31,			
	2016	2015	2014	2013	2012	
Per Share Operating Performance						
Net asset value, beginning of period	\$ 16.76	\$ 15.77	\$ 15.77	\$ 14.59	\$ 16.57	\$ 14.97
Net investment income ¹	0.38	0.80	0.81	0.87	0.90	0.85
Net realized and unrealized gain (loss)	(1.47)	1.02	0.07	1.20	(1.99)	1.66
Net increase (decrease) from investment operations	(1.09)	1.82	0.88	2.07	(1.09)	2.51
Distributions to Common Shareholders from net investment income ²	(0.37)	(0.83)	(0.88)	(0.89)	(0.89)	(0.91)
Net asset value, end of period	\$ 15.30	\$ 16.76	\$ 15.77	\$ 15.77	\$ 14.59	\$ 16.57
Market price, end of period	\$ 14.45	\$ 16.07	\$ 13.50	\$ 13.89	\$ 13.07	\$ 15.98
Total Return Applicable to Common Shareholders³						
Based on net asset value	(6.41)% ⁴	12.38%	6.33%	15.39%	(6.78)%	17.34%
Based on market price	(7.82)% ⁴	25.87%	3.34%	13.45%	(13.42)%	21.53%
Ratios to Average Net Assets Applicable to Common Shareholders						
Total expenses	1.85% ⁵	1.46%	1.54% ⁶	1.48%	1.53%	1.65%
Total expenses after fees waived and/or reimbursed and/or paid indirectly	1.84% ⁵	1.46%	1.45% ⁶	1.48%	1.53%	1.65%
Total expenses after fees waived and/or reimbursed and/or paid indirectly and excluding interest expense, fees and amortization of offering costs ⁷	0.94% ⁵	0.89%	0.96% ⁶	0.95%	0.94%	1.28% ⁸
Net investment income to Common Shareholders	4.73% ⁵	4.98%	5.05%	5.79%	5.46%	5.38%
Supplemental Data						
Net assets applicable to Common Shareholders, end of period (000)	\$ 204,298	\$ 223,738	\$ 210,549	\$ 181,459	\$ 167,857	\$ 190,562
VRDP Shares outstanding at \$100,000 liquidation value, end of period (000)	\$ 82,600	\$ 82,600	\$ 82,600	\$ 66,300	\$ 66,300	\$ 66,300
Asset coverage per VRDP Shares at \$100,000 liquidation value, end of period	\$ 347,334	\$ 370,869	\$ 354,901	\$ 373,693	\$ 353,178	\$ 387,425
Borrowings outstanding, end of period (000)	\$ 52,083	\$ 48,710	\$ 28,468	\$ 37,066	\$ 53,010	\$ 50,860
Portfolio turnover rate	4%	17%	21%	16%	8%	23%

¹ Based on average Common Shares outstanding.

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- ² Distributions for annual periods determined in accordance with federal income tax regulations.
- ³ Total returns based on market price, which can be significantly greater or less than the net asset value, may result in substantially different returns. Where applicable, excludes the effects of any sales charges and assumes the reinvestment of distributions.
- ⁴ Aggregate total return.
- ⁵ Annualized.
- ⁶ Includes reorganization costs associated with the Fund's reorganization. Without these costs total expenses, total expenses after fees waived and/or reimbursed, and total expenses after fees waived and/or reimbursed and/or paid indirectly and excluding interest expense, fees and amortization of offering costs would have been 1.40%, 1.40% and 0.91%, respectively.
- ⁷ Interest expense, fees and amortization of offering costs related to TOBs and/or VRDP Shares. See Note 4 and Note 10 of the Notes to Financial Statements for details.
- ⁸ For the year ended July 31, 2012, the total expense ratio after fees waived and/or reimbursed and/or paid indirectly and excluding interest expense, fees, amortization of offering costs, liquidity and remarketing fees was 0.99%.

See Notes to Financial Statements.

Notes to Financial Statements (Unaudited)

1. Organization:

The following are registered under the Investment Company Act of 1940, as amended (the 1940 Act), as closed-end management investment companies and are referred to herein collectively as the Funds , or individually, a Fund :

Fund Name	Herein Referred To As	Organized	Diversification Classification
BlackRock MuniHoldings California Quality Fund, Inc.	MUC	Maryland	Non-diversified
BlackRock MuniHoldings New Jersey Quality Fund, Inc.	MUJ	Maryland	Non-diversified
BlackRock MuniYield Investment Quality Fund, Inc.	MFT	Massachusetts	Non-diversified
BlackRock MuniYield Michigan Quality Fund, Inc.	MIY	Maryland	Non-diversified
BlackRock MuniYield Pennsylvania Quality Fund, Inc.	MPA	Massachusetts	Non-diversified

The Boards of Directors of the Funds are collectively referred to throughout this report as the Board of Directors or the Board, and the directors thereof are collectively referred to throughout this report as Directors. The Funds determine and make available for publication the NAVs of their Common Shares on a daily basis.

The Funds, together with certain other registered investment companies advised by BlackRock Advisors, LLC (the Manager) or its affiliates, are included in a complex of closed-end funds referred to as the Closed-End Complex.

Reorganization: The Board and shareholders of MIY and the Board and shareholders of BlackRock MuniYield Michigan Quality Fund II, Inc. (MYM) approved the reorganizations of MYM into MIY. As a result, MIY acquired substantially all of the assets and assumed substantially all of the liabilities of MYM in exchange for an equal aggregate value of newly-issued Common Shares and Preferred Shares of MIY.

Each MYM Common Shareholder received Common Shares of MIY in an amount equal to the aggregate of such Common Shareholder s MYM Common Shares, as determined at the close of business on September 11, 2015, less the costs of MYM s reorganization. Cash was distributed for any fractional Common Shares.

Each MYM VRDP Shareholder received on a one-for-one basis one newly issued VRDP Share of MIY, par value \$0.10 per share and with a liquidation preference of \$100,000 per share, in exchange for each MYM VRDP Share held by such MYM VRDP Shareholder.

The reorganizations were accomplished by a tax-free exchange of Common Shares and VRDP Shares of MIY in the following amounts and at the following conversion ratios:

Target Fund	Shares Prior to Reorganization	Conversion Ratio	Shares of MIY
MYM Common Shares	12,098,420	0.93643508	11,329,360
MYM VRDP Shares	873	1	873

MYM s common net assets and composition of common net assets on September 11, 2015, the valuation date of the reorganization, were as follows:

	MYM
Net assets Applicable to Common Shares	\$ 173,278,358
Paid-in-capital	\$ 162,329,528
Undistributed net investment income	\$ 63,895
Accumulated net realized loss	\$ (4,955,955)
Net unrealized appreciation (depreciation)	\$ 15,840,890

For financial reporting purposes, assets received and shares issued by MIY were recorded at fair value. However, the cost basis of the investments received from MYM was carried forward to align ongoing reporting of MIY s realized and unrealized gains and losses with amounts distributable to shareholders for tax purposes.

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The net assets of MIY before the acquisition were \$279,109,521. The aggregate net assets of MIY immediately after the acquisition amounted to \$452,388,270. MYM's fair value and cost of investments and derivative financial instruments prior to the reorganization were as follows:

	Fair Value of Investments and Derivative Financial Instruments	Cost of Investments	TOB Trust Certificates	Preferred Shares Value
MIY	\$ 268,842,773	\$ 253,001,883	\$ 14,792,998	\$ 87,300,000

The purpose of these transactions was to combine two funds managed by the Manager with the same or substantially similar (but not identical) investment objectives, investment policies, strategies, risks and restrictions. Each reorganization was a tax-free event and was effective on September 14, 2015.

Notes to Financial Statements (continued)

Assuming the acquisition had been completed on August 1, 2015, the beginning of the fiscal reporting period of MIY, the pro forma results of operations for the year ended January 31, 2016, are as follows:

Net investment income/loss: \$23,313,730

Net realized and change in unrealized gain/loss on investments: \$27,369,663

Net increase/decrease in net assets applicable to Common Shareholders resulting from operations: \$50,683,393

Because the combined investment portfolios have been managed as a single integrated portfolio since the acquisition was completed, it is not practicable to separate the amounts of revenue and earnings of MYM that have been included in MIY's Statement of Operations since September 14, 2015.

Reorganization costs incurred in connection with MYM's reorganization were expensed by MIY.

2. Significant Accounting Policies:

The financial statements are prepared in conformity with accounting principles generally accepted in the United States of America (U.S. GAAP), which may require management to make estimates and assumptions that affect the reported amounts of assets and liabilities in the financial statements, disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of increases and decreases in net assets from operations during the reporting period. Actual results could differ from those estimates. Each Fund is considered an investment company under U.S. GAAP and follows the accounting and reporting guidance applicable to investment companies. Below is a summary of significant accounting policies:

Segregation and Collateralization: In cases where a Fund enters into certain investments (e.g., futures contracts) or certain borrowings (e.g., TOB Trust transactions) that would be treated as senior securities for 1940 Act purposes, a Fund may segregate or designate on its books and records cash or liquid assets having a market value at least equal to the amount of its future obligations under such investments or borrowings. Doing so allows the investment or borrowing to be excluded from treatment as a senior security. Furthermore, if required by an exchange or counterparty agreement, the Funds may be required to deliver/deposit cash and/or securities to/with an exchange, or broker-dealer or custodian as collateral for certain investments or obligations.

Investment Transactions and Investment Income: For financial reporting purposes, investment transactions are recorded on the dates the transactions are entered into (the trade dates). Realized gains and losses on investment transactions are determined on the identified cost basis. Interest income, including amortization and accretion of premiums and discounts on debt securities, is recognized on the accrual basis.

Distributions: Distributions from net investment income are declared monthly and paid monthly. Distributions of capital gains are recorded on the ex-dividend date and made at least annually. The character and timing of distributions are determined in accordance with federal income tax regulations, which may differ from U.S. GAAP. Distributions to Preferred Shareholders are accrued and determined as described in Note 10.

Deferred Compensation Plan: Under the Deferred Compensation Plan (the Plan) approved by each Fund's Board, the independent Directors (Independent Directors) may defer a portion of their annual complex-wide compensation. Deferred amounts earn an approximate return as though equivalent dollar amounts had been invested in common shares of certain other BlackRock Closed-End Funds selected by the Independent Directors. This has the same economic effect for the Independent Directors as if the Independent Directors had invested the deferred amounts directly in certain other BlackRock Closed-End Funds.

The Plan is not funded and obligations thereunder represent general unsecured claims against the general assets of each Fund, if applicable. Deferred compensation liabilities are included in officer's and directors' fees payable in the Statements of Assets and Liabilities and will remain as a liability of the Funds until such amounts are distributed in accordance with the Plan.

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Recent Accounting Standards: In November 2016, the Financial Accounting Standards Board issued Accounting Standards Update Restricted Cash which will require entities to include the total of cash, cash equivalents, restricted cash, and restricted cash equivalents in the beginning and ending cash balances in the Statements of Cash Flows. The guidance will be applied retrospectively and is effective for fiscal years beginning after December 15, 2017, and interim periods within those years. Management is evaluating the impact, if any, of this guidance on the Funds presentation in the Statements of Cash Flows.

Indemnifications: In the normal course of business, a Fund enters into contracts that contain a variety of representations that provide general indemnification. A Fund's maximum exposure under these arrangements is unknown because it involves future potential claims against a Fund, which cannot be predicted with any certainty.

Other: Expenses directly related to a Fund are charged to that Fund. Other operating expenses shared by several funds, including other funds managed by the Manager, are prorated among those funds on the basis of relative net assets or other appropriate methods.

Through May 31, 2016, the Funds had an arrangement with their custodian whereby credits were earned on uninvested cash balances, which could be used to reduce custody fees and/or overdraft charges. Credits previously earned have been utilized until December 31, 2016. Under current arrangements effective June 1, 2016, the Funds no longer earn credits on uninvested cash, and may incur charges on uninvested cash balances and overdrafts, subject to certain conditions.

Notes to Financial Statements (continued)

3. Investment Valuation and Fair Value Measurements:

Investment Valuation Policies: The Funds' investments are valued at fair value (also referred to as "market value" within the financial statements) as of the close of trading on the New York Stock Exchange ("NYSE") (generally 4:00 p.m., Eastern time). U.S. GAAP defines fair value as the price the Funds would receive to sell an asset or pay to transfer a liability in an orderly transaction between market participants at the measurement date. The Funds determine the fair values of their financial instruments using various independent dealers or pricing services under policies approved by the Board. The BlackRock Global Valuation Methodologies Committee (the "Global Valuation Committee") is the committee formed by management to develop global pricing policies and procedures and to oversee the pricing function for all financial instruments.

Fair Value Inputs and Methodologies: The following methods and inputs are used to establish the fair value of each Fund's assets and liabilities:

Municipal investments (including commitments to purchase such investments on a "when-issued" basis) are valued on the basis of prices provided by dealers or pricing services. In determining the value of a particular investments, pricing services may use certain information with respect to transactions in such investments, quotations from dealers, pricing matrixes, market transactions in comparable investments and information with respect to various relationships between investments.

Investments in open-end U.S. mutual funds are valued at NAV each business day.

Futures contracts traded on exchanges are valued at their last sale price.

If events (e.g., a company announcement, market volatility or a natural disaster) occur that are expected to materially affect the value of such investments, or in the event that the application of these methods of valuation results in a price for an investment that is deemed not to be representative of the market value of such investment, or if a price is not available, the investment will be valued by the Global Valuation Committee, or its delegate, in accordance with a policy approved by the Board as reflecting fair value ("Fair Valued Investments"). The fair valuation approaches that may be used by the Global Valuation Committee will include Market approach, Income approach and Cost approach. Valuation techniques such as discounted cash flow, use of market comparables and matrix pricing are types of valuation approaches and typically used in determining fair value. When determining the price for Fair Valued Investments, the Global Valuation Committee, or its delegate, seeks to determine the price that each Fund might reasonably expect to receive or pay from the current sale or purchase of that asset or liability in an arm's-length transaction. Fair value determinations shall be based upon all available factors that the Global Valuation Committee, or its delegate, deems relevant and consistent with the principles of fair value measurement. The pricing of all Fair Valued Investments is subsequently reported to the Board or a committee thereof on a quarterly basis.

Fair Value Hierarchy: Various inputs are used in determining the fair value of investments and derivative financial instruments. These inputs to valuation techniques are categorized into a fair value hierarchy consisting of three broad levels for financial statement purposes as follows:

Level 1 — unadjusted price quotations in active markets/exchanges for identical assets or liabilities that each Fund has the ability to access

Level 2 — other observable inputs (including, but not limited to, quoted prices for similar assets or liabilities in markets that are active, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable for the assets or liabilities (such as interest rates, yield curves, volatilities, prepayment speeds, loss severities, credit risks and default rates) or other market corroborated inputs)

Level 3 — unobservable inputs based on the best information available in the circumstances, to the extent observable inputs are not available (including each Fund's own assumptions used in determining the fair value of investments and derivative financial instruments)

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The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). Accordingly, the degree of judgment exercised in determining fair value is greatest for instruments categorized in Level 3. The inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, for disclosure purposes, the fair value hierarchy classification is determined based on the lowest level input that is significant to the fair value measurement in its entirety. Investments classified within Level 3 have significant unobservable inputs used by the Global Valuation Committee in determining the price for Fair Valued Investments. Level 3 investments include equity or debt issued by Private Companies. There may not be a secondary market, and/or there are a limited number of investors. Level 3 investments may also be adjusted to reflect illiquidity and/or non-transferability, with the amount of such discount estimated by the Global Valuation Committee in the absence of market information.

Changes in valuation techniques may result in transfers into or out of an assigned level within the hierarchy. In accordance with each Fund's policy, transfers between different levels of the fair value hierarchy are deemed to have occurred as of the beginning of the reporting period. The categorization of a value determined for investments and derivative financial instruments is based on the pricing transparency of the investments and derivative financial instruments and is not necessarily an indication of the risks associated with investing in those securities.

4. Securities and Other Investments:

Zero-Coupon Bonds: Zero-coupon bonds are normally issued at a significant discount from face value and do not provide for periodic interest payments. These bonds may experience greater volatility in market value than other debt obligations of similar maturity which provide for regular interest payments.

Notes to Financial Statements (continued)

Forward Commitments and When-Issued Delayed Delivery Securities: Certain Funds may purchase securities on a when-issued basis and may purchase or sell securities on a forward commitment basis. Settlement of such transactions normally occurs within a month or more after the purchase or sale commitment is made. A Fund may purchase securities under such conditions with the intention of actually acquiring them, but may enter into a separate agreement to sell the securities before the settlement date. Since the value of securities purchased may fluctuate prior to settlement, a Fund may be required to pay more at settlement than the security is worth. In addition, a Fund is not entitled to any of the interest earned prior to settlement. When purchasing a security on a delayed delivery basis, a Fund assumes the rights and risks of ownership of the security, including the risk of price and yield fluctuations. In the event of default by the counterparty, a Fund's maximum amount of loss is the unrealized appreciation of unsettled when-issued transactions.

Municipal Bonds Transferred to TOB Trusts: The Funds leverage their assets through the use of TOB Trust transactions. The Funds transfer municipal bonds into a special purpose trust (a TOB Trust). A TOB Trust generally issues two classes of beneficial interests: short-term floating rate interests (TOB Trust Certificates), which are sold to third party investors, and residual inverse floating rate interests (TOB Residuals), which are generally issued to the participating fund that contributed the municipal bonds to the TOB Trust. The TOB Trust Certificates have interest rates that generally reset weekly and their holders have the option to tender such certificates to the TOB Trust for redemption at par and any accrued interest at each reset date. The TOB Residuals held by a Fund generally provide the Fund with the right to cause the holders of a proportional share of the TOB Trust Certificates to tender their certificates to the TOB Trust at par plus accrued interest. The Funds may withdraw a corresponding share of the municipal bonds from the TOB Trust. Other funds managed by the investment adviser may also contribute municipal bonds to a TOB Trust into which a Fund has contributed bonds. If multiple BlackRock advised funds participate in the same TOB Trust, the economic rights and obligations under the TOB Residuals will be shared among the funds ratably in proportion to their participation in the TOB Trust.

TOB Trusts are generally supported by a liquidity facility provided by a third party bank or other financial institution (the Liquidity Provider) that allows the holders of the TOB Trust Certificates to tender their certificates in exchange for payment of par plus accrued interest on any business day. The tendered TOB Trust Certificates may be purchased by the Liquidity Provider and are usually remarketed by a Remarketing Agent, which is typically an affiliated entity of the Liquidity Provider. The Remarketing Agent may also purchase the tendered TOB Trust Certificates for its own account in the event of a failed remarketing.

The TOB Trust may be collapsed without the consent of a Fund, upon the occurrence of tender option termination events (TOTEs) or mandatory termination events (MTEs), as defined in the TOB Trust agreements. TOTEs include the bankruptcy or default of the issuer of the municipal bonds held in the TOB Trust, a substantial downgrade in the credit quality of the issuer of the municipal bonds held in the TOB Trust, failure of any scheduled payment of principal or interest on the municipal bonds, and/or a judgment or ruling that interest on the municipal bond is subject to federal income taxation. MTEs may include, among other things, a failed remarketing of the TOB Trust Certificates, the inability of the TOB Trust to obtain renewal of the liquidity support agreement and a substantial decline in the market value of the municipal bonds held in the TOB Trust. Upon the occurrence of a TOTE or an MTE, the TOB Trust would be liquidated with the proceeds applied first to any accrued fees owed to the trustee of the TOB Trust, the Remarketing Agent and the Liquidity Provider. In the case of an MTE, after the payment of fees, the TOB Trust Certificates holders would be paid before the TOB Residuals holders (i.e., the Funds). In contrast, in the case of a TOTE, after payment of fees, the TOB Trust Certificates holders and the TOB Residuals holders would be paid pro rata in proportion to the respective face values of their certificates. During the six months ended January 31, 2017, no TOB Trusts in which a Fund participated were terminated without the consent of a Fund.

While a Fund's investment policies and restrictions expressly permit investments in inverse floating rate securities, such as TOB Residuals, they generally restrict the ability of a Fund to borrow money for purposes of making investments. The Funds' management believes that a Fund's restrictions on borrowings do not apply to the Funds' TOB Trust transactions. Each Fund's transfer of the municipal bonds to a TOB Trust is considered a secured borrowing for financial reporting purposes. The cash received by the TOB Trust from the sale of the TOB Trust Certificates, less certain transaction expenses, is paid to a Fund. A Fund typically invests the cash received in additional municipal bonds. The municipal bonds deposited into a TOB Trust are presented in a Fund's Schedule of Investments and the TOB Trust Certificates are shown in Other Liabilities in the Statements of Assets and Liabilities. Any loans drawn by the TOB Trust pursuant to the liquidity facility to purchase tendered TOB Trust Certificates would be shown as Loan for TOB Trust Certificates.

Volcker Rule Impact: On December 10, 2013, regulators published final rules implementing section 619 of the Dodd-Frank Wall Street Reform and Consumer Protection Act (the Volcker Rule), which precludes banking entities and their affiliates from sponsoring and investing in TOB Trusts. Banking entities subject to the Volcker Rule were required to fully comply by July 21, 2015, with respect to investments in and relationships with TOB Trusts established after December 31, 2013 (Non-Legacy TOB Trusts), and by July 21, 2017, with respect to investments in and relationships with TOB Trusts established prior to December 31, 2013 (Legacy TOB Trusts).

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As a result, a new structure for TOB Trusts has been designed in which no banking entity would sponsor the TOB Trust. Specifically, a Fund establishes, structures and sponsors the TOB Trusts in which it holds TOB Residuals. In such a structure, certain responsibilities that previously belonged to a third party bank are performed by, or on behalf of, the Funds. The Funds have restructured any Non-Legacy TOB Trusts and are in the process of restructuring Legacy TOB Trusts in conformity with regulatory guidelines. Until all restructurings are completed, a Fund may, for a period of time, hold TOB Residuals in both Legacy TOB Trusts and new or restructured non-bank sponsored TOB Trusts.

Notes to Financial Statements (continued)

Under the new TOB Trust structure, the Liquidity Provider or Remarketing Agent will no longer purchase the tendered TOB Trust Certificates even in the event of failed remarketing. This may increase the likelihood that a TOB Trust will need to be collapsed and liquidated in order to purchase the tendered TOB Trust Certificates. The TOB Trust may draw upon a loan from the Liquidity Provider to purchase the tendered TOB Trust Certificates. Any loans made by the Liquidity Provider will be secured by the purchased TOB Trust Certificates held by the TOB Trust and will be subject to an increased interest rate based on the number of days the loan is outstanding.

Accounting for TOB Trusts: The municipal bonds deposited into a TOB Trust are presented in a Fund's Schedule of Investments and the TOB Trust Certificates are shown in Other Liabilities in the Statements of Assets and Liabilities. Any loans drawn by the TOB Trust pursuant to the liquidity facility to purchase tendered TOB Trust Certificates are shown as Loan for TOB Trust Certificates. The carrying amount of a Fund's payable to the holder of the TOB Trust Certificates or liquidity provider, as reported in the Statements of Assets and Liabilities as TOB Trust Certificates or Loan for TOB Trust Certificates, approximates its fair value.

Interest income, including amortization and accretion of premiums and discounts, from the underlying municipal bonds is recorded by a Fund on an accrual basis. Interest expense incurred on the TOB Trust transaction and other expenses related to remarketing, administration, trustee, liquidity and other services to a TOB Trust are shown as interest expense, fees and amortization of offering costs in the Statements of Operations. Fees paid upon creation of the TOB Trust are recorded as debt issuance costs and are amortized to interest expense, fees and amortization of offering costs in the Statements of Operations to the expected maturity of the TOB Trust. In connection with the restructurings of the TOB Trusts to non-bank sponsored TOB Trusts, a Fund incurred non-recurring, legal and restructuring fees, which are recorded as interest expense, fees and amortization of deferred offering costs in the Statements of Operations.

For the six months ended January 31, 2017, the following table is a summary of each Fund's TOB Trusts:

	Underlying Municipal Bonds Transferred to TOB Trusts ¹	Liability for TOB Trust Certificates ²	Range of Interest Rates on TOB Trust Certificates at Period End	Average TOB Trust Certificates Outstanding	Daily Weighted Average Rate of Interest and Other Expenses on TOB Trusts
MUC	\$ 376,902,532	\$ 179,415,265	0.67% - 0.86%	\$ 177,178,929	1.29%
MUJ	\$ 98,365,753	\$ 55,088,706	0.69% - 0.86%	\$ 55,088,706	1.35%
MFT	\$ 46,716,693	\$ 25,820,715	0.67% - 1.01%	\$ 24,312,679	1.33%
MIY	\$ 111,081,733	\$ 57,062,222	0.69% - 0.86%	\$ 50,650,199	1.35%
MPA	\$ 92,004,950	\$ 52,082,674	0.69% - 0.81%	\$ 50,566,816	1.29%

¹ The municipal bonds transferred to a TOB Trust are generally high grade municipal bonds. In certain cases, when municipal bonds transferred are lower grade municipal bonds, the TOB Trust transaction may include a credit enhancement feature that provides for the timely payment of principal and interest on the bonds to the TOB Trust by a credit enhancement provider in the event of default of the municipal bond. The TOB Trust would be responsible for the payment of the credit enhancement fee and the Funds, as TOB Residuals holders, would be responsible for reimbursement of any payments of principal and interest made by the credit enhancement provider. The maximum potential amounts owed by the Funds, for such reimbursements, as applicable, are included in the maximum potential amounts disclosed for recourse TOB Trusts.

² The Funds may invest in TOB Trusts that are structured on a non-recourse or recourse basis. When a Fund invests in TOB Trusts on a non-recourse basis, the Liquidity Provider may be required to make a payment under the liquidity facility. In such an event, the Liquidity Provider will typically either (i) fund the full amount owed under the liquidity facility and be subsequently reimbursed from only the proceeds of the liquidation of all or a portion of the municipal bonds held in the TOB Trust or the remarketing of the TOB Trust Certificates, or (ii) liquidate all or a portion of the municipal bonds held in the TOB Trust and then fund the balance, if any, of the amount owed under the liquidity facility over the liquidation proceeds (the "Liquidation Shortfall"). If a Fund invests in a TOB Trust on a recourse basis, a Fund will usually enter into a reimbursement agreement with the Liquidity Provider where a Fund is required to reimburse the Liquidity Provider the amount of any Liquidation Shortfall. As a result, if a Fund invests in a recourse TOB Trust, a Fund will bear the risk of loss with respect to any Liquidation Shortfall. If multiple funds participate in any such TOB Trust, these losses will be shared ratably, including the maximum potential amounts owed by a Fund at January 31, 2017, in proportion to their participation in the TOB Trust. The recourse TOB Trusts are identified in the Schedules of Investments including the maximum potential amounts owed by a Fund at January 31, 2017.

For the six months ended January 31, 2017, the following table is a summary of each Fund's Loan for TOB Trust Certificates:

	Loan Outstanding at Period End	Range of Interest Rates on Loans at Period End	Average Loans Outstanding	Daily Weighted Average Rate of Interest and Other Expenses on Loans
MUC			\$ 323,133	0.78%
MIY	\$ 659,835	0.50% - 0.50%	\$ 3,102,692	0.81%

5. Derivative Financial Instruments:

The Funds engage in various portfolio investment strategies using derivative contracts both to increase the returns of the Funds and/or to manage their exposure to certain risks such as credit risk, equity risk, interest rate risk, foreign currency exchange rate risk, commodity price risk or other risks (e.g., inflation risk). Derivative financial instruments categorized by risk exposure are included in the Schedules of Investments. These contracts may be transacted on an exchange or over-the-counter (OTC).

Notes to Financial Statements (continued)

Futures Contracts: Certain Funds invest in long and/or short positions in futures and options on futures contracts to gain exposure to, or manage exposure to changes in interest rates (interest rate risk), changes in the value of equity securities (equity risk) or foreign currencies (foreign currency exchange rate risk).

Futures contracts are agreements between the Funds and a counterparty to buy or sell a specific quantity of an underlying instrument at a specified price and on a specified date. Depending on the terms of a contract, it is settled either through physical delivery of the underlying instrument on the settlement date or by payment of a cash amount on the settlement date. Upon entering into a futures contract, the Funds are required to deposit initial margin with the broker in the form of cash or securities in an amount that varies depending on a contract's size and risk profile. The initial margin deposit must then be maintained at an established level over the life of the contract.

Securities deposited as initial margin are designated in the Schedules of Investments and cash deposited, if any, is shown as cash pledged for futures contracts in the Statements of Assets and Liabilities. Pursuant to the contract, the Funds agree to receive from or pay to the broker an amount of cash equal to the daily fluctuation in market value of the contract (variation margin). Variation margin is recorded as unrealized appreciation (depreciation) and, if any, shown as variation margin receivable (or payable) on futures contracts in the Statements of Assets and Liabilities. When the contract is closed, a realized gain or loss is recorded in the Statements of Operations equal to the difference between the value of the contract at the time it was opened and the value at the time it was closed. The use of futures contracts involves the risk of an imperfect correlation in the movements in the price of futures contracts and interest, foreign currency exchange rates or underlying assets.

6. Investment Advisory Agreement and Other Transactions with Affiliates:

The PNC Financial Services Group, Inc. is the largest stockholder and an affiliate of BlackRock, Inc. (BlackRock) for 1940 Act purposes.

Investment Advisory: Each Fund entered into an Investment Advisory Agreement with the Manager, the Funds' investment adviser, an indirect, wholly-owned subsidiary of BlackRock, to provide investment advisory and administration services. The Manager is responsible for the management of each Fund's portfolio and provides the personnel, facilities, equipment and certain other services necessary to the operations of each Fund.

For such services, each Fund pays the Manager a monthly fee at an annual rate equal to the following percentages of the average daily value of each Fund's net assets:

	MUC	MUJ	MFT	MIY	MPA
Investment advisory fees	0.55%	0.50%	0.50%	0.49%	0.49%

For purposes of calculating these fees, net assets mean the total assets of each Fund minus the sum of its accrued liabilities (which does not include liabilities represented by TOB Trusts and the liquidation preference of preferred shares). It is understood that the liquidation preference of any outstanding preferred stock (other than accumulated dividends) and TOB Trusts is not considered a liability in determining a Fund's NAV.

Waivers: The Manager voluntarily agreed to waive its investment advisory fees by the amount of investment advisory fees each Fund pays to the Manager indirectly through its investment in affiliated money market funds (the affiliated money market fund waiver). These amounts are included in fees waived by the Manager in the Statements of Operations. For the six months ended January 31, 2017, the amounts waived were as follows:

	MUC	MUJ	MFT	MIY	MPA
Amounts waived	\$ 3,447	\$ 2,573	\$ 257	\$ 1,750	\$ 1,685

Effective September 1, 2016, the Manager voluntarily agreed to waive its investment advisory fee with respect to any portion of the Fund's assets invested in affiliated equity or fixed-income mutual funds or affiliated exchange-traded funds that have a contractual management fee. Prior to September 1, 2016, the Manager did not waive such fees. On December 2, 2016, the Manager entered into a Master Advisory Fee Agreement (Agreement), contractually committing to this arrangement through June 30, 2017. The Agreement can be renewed for annual periods thereafter, and may be terminated on 90 days' notice, each subject to approval by a majority of the Fund's independent directors.

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The Manager, for MUC, voluntarily agreed to waive its investment advisory fee on the proceeds of the Preferred Shares and TOB Trusts that exceed 35% of total assets minus the sum of its accrued liabilities (which does not include liabilities represented by TOB Trusts and the liquidation preference of preferred shares). This amount is included in fees waived by the Manager in the Statements of Operations. For the six months ended January 31, 2017, the waiver was \$225,177.

Officers and Directors:

Certain officers and/or directors of the Funds are officers and/or directors of BlackRock or its affiliates. The Funds reimburse the Manager for a portion of the compensation paid to the Funds Chief Compliance Officer, which is included in Officer and Directors in the Statements of Operations.

Notes to Financial Statements (continued)

7. Purchases and Sales:

For the six months ended January 31, 2017, purchases and sales of investments, excluding short-term securities, were as follows:

	MUC	MUJ	MFT	MIY	MPA
Purchases	\$ 62,045,098	\$ 40,537,551	\$ 45,699,741	\$ 54,631,284	\$ 13,567,665
Sales	\$ 57,915,559	\$ 25,354,320	\$ 41,843,572	\$ 45,592,131	\$ 22,246,091

8. Income Tax Information:

It is the Funds' policy to comply with the requirements of the Internal Revenue Code of 1986, as amended, applicable to regulated investment companies, and to distribute substantially all of their taxable income to their shareholders. Therefore, no federal income tax provision is required.

Each Fund files U.S. federal and various state and local tax returns. No income tax returns are currently under examination. The statute of limitations on each Fund's U.S. federal tax returns generally remains open for each of the four years ended July 31, 2016. The statutes of limitations on each Fund's state and local tax returns may remain open for an additional year depending upon the jurisdiction.

Management has analyzed tax laws and regulations and their application to the Funds as of January 31, 2017, inclusive of the open tax return years, and does not believe that there are any uncertain tax positions that require recognition of a tax liability in the Funds' financial statements.

As of July 31, 2016, the Funds had capital loss carryforwards available to offset future realized capital gains through the indicated expiration dates as follows:

Expires July 31,	MUC	MUJ	MFT	MIY	MPA
No expiration date ¹	\$ 715,648	\$ 7,192,954	\$ 6,705,444	\$ 6,581,843	\$ 2,596,823
2017	6,504,940			2,031,132	1,653,517
2018			4,616,682		893,908
2019					50,303
Total	\$ 7,220,588	\$ 7,192,954	\$ 11,322,126	\$ 8,612,975	\$ 5,194,551

¹ Must be utilized prior to losses subject to expiration.

As of January 31, 2017, gross unrealized appreciation and depreciation based on cost for federal income tax purposes were as follows:

	MUC	MUJ	MFT	MIY	MPA
Tax cost	\$ 820,156,648	\$ 655,283,870	\$ 164,649,500	\$ 641,430,622	\$ 271,947,598
Gross unrealized appreciation	\$ 48,199,215	\$ 40,193,385	\$ 14,303,721	\$ 34,625,527	\$ 16,567,515
Gross unrealized depreciation	(5,823,947)	(6,778,630)	(734,341)	(3,490,126)	(5,551,136)
Net unrealized appreciation	\$ 42,375,268	\$ 33,414,755	\$ 13,569,380	\$ 31,135,401	\$ 11,016,379

9. Principal Risks:

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Many municipalities insure repayment of their bonds, which may reduce the potential for loss due to credit risk. The market value of these bonds may fluctuate for other reasons, including market perception of the value of such insurance, and there is no guarantee that the insurer will meet its obligation.

Inventories of municipal bonds held by brokers and dealers may decrease, which would lessen their ability to make a market in these securities. Such a reduction in market making capacity could potentially decrease a Fund's ability to buy or sell bonds. As a result, a Fund may sell a security at a lower price, sell other securities to raise cash, or give up an investment opportunity, any of which could have a negative impact on performance. If a Fund needed to sell large blocks of bonds, those sales could further reduce the bonds' prices and impact performance.

In the normal course of business, the Funds invest in securities and enter into transactions where risks exist due to fluctuations in the market (market risk) or failure of the issuer to meet all its obligations, including the ability to pay principal and interest when due (issuer credit risk). The value of securities held by the Funds may decline in response to certain events, including those directly involving the issuers of securities owned by the Funds. Changes arising from the general economy, the overall market and local, regional or global political and/or social instability, as well as currency, interest rate and price fluctuations, may also affect the securities' value.

Each Fund may be exposed to prepayment risk, which is the risk that borrowers may exercise their option to prepay principal earlier than scheduled during periods of declining interest rates, which would force each Fund to reinvest in lower yielding securities. Each Fund may also be exposed to reinvestment risk, which is the risk that income from each Fund's portfolio will decline if each Fund invests the proceeds from matured, traded or called fixed income securities at market interest rates that are below each Fund portfolio's current earnings rate.

The Funds may hold a significant amount of bonds subject to calls by the issuers at defined dates and prices. When bonds are called by issuers and the Funds reinvest the proceeds received, such investments may be in securities with lower yields than the bonds originally held, and correspondingly, could adversely impact the yield and total return performance of a Fund.

Notes to Financial Statements (continued)

It is possible that regulators could take positions that could limit the market for non-bank sponsored TOB Trust transactions or the Funds' ability to hold TOB Residuals. Under the new TOB Trust structure, the Funds will have certain additional duties and responsibilities, which may give rise to certain additional risks including, but not limited to, compliance, securities law and operational risks.

There can be no assurance that the Funds can successfully enter into restructured TOB Trust transactions in order to refinance their existing TOB Residuals holdings prior to the compliance date for the Volcker Rule, which may require that the Funds unwind existing TOB Trusts. There can be no assurance that alternative forms of leverage will be available to the Funds and any alternative forms of leverage may be more or less advantageous to the Funds than existing TOB leverage.

Should short-term interest rates rise, the Funds' investments in TOB Trust transactions may adversely affect the Funds' net investment income and dividends to Common Shareholders. Also, fluctuations in the market value of municipal bonds deposited into the TOB Trust may adversely affect the Funds' NAVs per share.

The SEC and various federal banking and housing agencies have adopted credit risk retention rules for securitizations (the Risk Retention Rules), which take effect in December 2016. The Risk Retention Rules would require the sponsor of a TOB Trust to retain at least 5% of the credit risk of the underlying assets supporting the TOB Trust's municipal bonds. The Risk Retention Rules may adversely affect the Funds' ability to engage in TOB Trust transactions or increase the costs of such transactions in certain circumstances.

TOB Trust transactions constitute an important component of the municipal bond market. Accordingly, implementation of the Volcker Rule and Risk Retention Rules may adversely impact the municipal market, including through reduced demand for and liquidity of municipal bonds and increased financing costs for municipal issuers. Any such developments could adversely affect the Funds. The ultimate impact of these rules on the TOB Trust market and the overall municipal market is not yet certain.

Counterparty Credit Risk: Similar to issuer credit risk, the Funds may be exposed to counterparty credit risk, or the risk that an entity may fail to or be unable to perform on its commitments related to unsettled or open transactions. The Funds manage counterparty credit risk by entering into transactions only with counterparties that the Manager believes have the financial resources to honor their obligations and by monitoring the financial stability of those counterparties. Financial assets, which potentially expose the Funds to market, issuer and counterparty credit risks, consist principally of financial instruments and receivables due from counterparties. The extent of the Funds' exposure to market, issuer and counterparty credit risks with respect to these financial assets is approximately their value recorded in the Statements of Assets and Liabilities, less any collateral held by the Funds.

A derivative contract may suffer a mark-to-market loss if the value of the contract decreases due to an unfavorable change in the market rates or values of the underlying instrument. Losses can also occur if the counterparty does not perform under the contract.

With exchange-traded futures, there is less counterparty credit risk to the Funds since the exchange or clearinghouse, as counterparty to such instruments, guarantees against a possible default. The clearinghouse stands between the buyer and the seller of the contract; therefore, credit risk is limited to failure of the clearinghouse. While offset rights may exist under applicable law, a Fund does not have a contractual right of offset against a clearing broker or clearinghouse in the event of a default (including the bankruptcy or insolvency). Additionally, credit risk exists in exchange-traded futures with respect to initial and variation margin that is held in a clearing broker's customer accounts. While clearing brokers are required to segregate customer margin from their own assets, in the event that a clearing broker becomes insolvent or goes into bankruptcy and at that time there is a shortfall in the aggregate amount of margin held by the clearing broker for all its clients, typically the shortfall would be allocated on a pro rata basis across all the clearing broker's customers, potentially resulting in losses to the Funds.

Concentration Risk: MUC, MUJ, MIY and MPA invest a substantial amount of their assets in issuers located in a single state or limited number of states. This may subject each Fund to the risk that economic, political or social issues impacting a particular state or group of states could have an adverse and disproportionate impact on the income from, or the value or liquidity of, the Funds' respective portfolios. Investment percentages in specific states or U.S. territories are presented in the Schedules of Investments.

As of period end, MUC invested a significant portion of its assets in securities in the county, city, special district and school district sector, MFT invested a significant portion of its assets in securities in the transportation sector and MIY invested a significant portion of its assets in securities in the health sector. Changes in economic conditions affecting such sectors would have a greater impact on the Funds and could affect the value, income and/or liquidity of positions in such securities.

The Funds invest a significant portion of their assets in fixed income securities and/or use derivatives tied to the fixed income markets. Changes in market interest rates or economic conditions may affect the value and/or liquidity of such investments. Interest rate risk is the risk that prices

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of bonds and other fixed income securities will increase as interest rates fall and decrease as interest rates rise. The Funds may be subject to a greater risk of rising interest rates due to the current period of historically low rates.

Notes to Financial Statements (continued)

10. Capital Share Transactions:

Common Shares

MFT and MPA are authorized to issue an unlimited number of Common Shares and 1 million Preferred Shares. The par value for each Fund's Common Shares is \$0.10. The par value for each Fund's Preferred Shares outstanding is \$0.05. The Board is authorized, however, to reclassify any unissued Common Shares to Preferred Shares without approval of Common Shareholders.

MUC, MUJ and MIY are authorized to issue 200 million shares, all of which were initially classified as Common Shares. The par value for each Fund's Common Shares is \$0.10. The par value for each Fund's Preferred Shares outstanding is \$0.10. The Board is authorized, however, to reclassify any unissued Common Shares to Preferred Shares without approval of Common Shareholders.

For the six months ended January 31, 2017, Common Shares issued and outstanding increased by 950 for MFT. For the year ended July 31, 2016, Common Shares issued and outstanding increased by 11,329,360 due to the reorganization for MIY.

Preferred Shares

Each Fund's Preferred Shares rank prior to the Fund's Common Shares as to the payment of dividends by the Fund and distribution of assets upon dissolution or liquidation of a Fund. The 1940 Act prohibits the declaration of any dividend on a Fund's Common Shares or the repurchase of a Fund's Common Shares if a Fund fails to maintain asset coverage of at least 200% of the liquidation preference of the Fund's outstanding Preferred Shares. In addition, pursuant to the Preferred Shares governing instruments, a Fund is restricted from declaring and paying dividends on classes of shares ranking junior to or on parity with the Fund's Preferred Shares or repurchasing such shares if a Fund fails to declare and pay dividends on the Preferred Shares, redeem any Preferred Shares required to be redeemed under the Preferred Shares governing instruments or comply with the basic maintenance amount requirement of the ratings agencies rating the Preferred Shares.

The holders of Preferred Shares have voting rights equal to the voting rights of the holders of Common Shares (one vote per share) and will vote together with holders of Common Shares (one vote per share) as a single class on certain matters. However, the holders of Preferred Shares, voting as a separate class, are also entitled to elect two Directors to the Board of each Fund. The holders of Preferred Shares are also entitled to elect the full Board of Directors if dividends on the Preferred Shares are not paid for a period of two years. The holders of Preferred Shares are also generally entitled to a separate class vote to amend the Preferred Share governing documents. In addition, the 1940 Act requires the approval of the holders of a majority of any outstanding Preferred Shares, voting as a separate class, to (a) adopt any plan of reorganization that would adversely affect the Preferred Shares, (b) change a Fund's sub-classification as a closed-end investment company or change its fundamental investment restrictions or (c) change its business so as to cease to be an investment company.

VRDP Shares

MUJ, MIY and MPA (collectively, the VRDP Funds), have issued Series W-7 VRDP Shares, \$100,000 liquidation preference per share, in privately negotiated offerings. The VRDP Shares were offered to qualified institutional buyers as defined pursuant to Rule 144A under the Securities Act of 1933, as amended, (the Securities Act). The VRDP Shares include a liquidity feature and are currently in a special rate period, each as described below.

As of the period end, the VRDP Shares outstanding of each Fund were as follows:

	Issue Date	Shares Issued	Aggregate Principal	Maturity Date
MUJ	6/30/11	1,727	\$ 172,700,000	7/01/41
	4/13/15	644	\$ 64,400,000	7/01/41
MIY	4/21/11	1,446	\$ 144,600,000	5/01/41
	9/14/15	873	\$ 87,300,000	5/01/41
MPA	5/19/11	663	\$ 66,300,000	6/01/41
	4/13/15	163	\$ 16,300,000	7/01/42

Redemption Terms: Each VRDP Fund is required to redeem its VRDP Shares on the maturity date, unless earlier redeemed or repurchased. Six months prior to the maturity date, VRDP Fund is required to begin to segregate liquid assets with the Fund's custodian to fund the redemption. In addition, VRDP Funds are required to redeem certain of their outstanding VRDP Shares if they fail to comply with certain asset coverage, basic

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maintenance amount or leverage requirements.

Subject to certain conditions, the VRDP Shares may also be redeemed, in whole or in part, at any time at the option of VRDP Funds. The redemption price per VRDP Share is equal to the liquidation preference per share plus any outstanding unpaid dividends. In the event of an optional redemption of the VRDP Shares during the period commencing on the date of issuance and ending on the initial termination date of the fee agreement, VRDP Funds must pay the respective liquidity provider fees on such redeemed VRDP Shares for the remaining term of the fee agreement up to such initial termination date.

Liquidity Feature: The VRDP Funds entered into a fee agreement with the liquidity provider that requires an initial commitment and a per annum liquidity fee payable to the liquidity provider. These fees, if applicable, are shown as liquidity fees in the Statements of Operations.

Notes to Financial Statements (continued)

The fee agreements between VRDP Funds and the liquidity provider are for a 364 day term and are scheduled to expire, unless renewed or terminated in advance as follows:

	MUJ	MIY	MPA
Expiration date	4/19/17	7/06/17	7/06/17

In the event the fee agreement is not renewed or is terminated in advance, and the VRDP Funds do not enter into a fee agreement with an alternate liquidity provider, the VRDP Shares will be subject to mandatory purchase by the liquidity provider prior to the termination of the fee agreement. In the event of such mandatory purchase, VRDP Funds are required to redeem the VRDP Shares six months after the purchase date. Immediately after such mandatory purchase, VRDP Funds are required to begin to segregate liquid assets with their custodian to fund the redemption. There is no assurance the VRDP Funds will replace such redeemed VRDP Shares with any other preferred shares or other form of leverage.

Remarketing: The VRDP Funds may incur remarketing fees of 0.10% on the aggregate principal amount of all the Funds' VRDP Shares, which, if any, are included in remarketing fees on Preferred Shares in the Statements of Operations. During any special rate period (as described below), the VRDP Funds may incur no remarketing fees.

Dividends: Dividends on the VRDP Shares are payable monthly at a variable rate set weekly by the remarketing agent. Such dividend rates are generally based upon a spread over a base rate and cannot exceed a maximum rate. In the event of a failed remarketing, the dividend rate of the VRDP Shares will be reset to a maximum rate. The maximum rate is determined based on, among other things, the long-term preferred share rating assigned to the VRDP Shares and the length of time that the VRDP Shares fail to be remarketed. At the date of issuance, the VRDP Shares were assigned long-term ratings of Aaa from Moody's and AAA from Fitch. Subsequent to the issuance of the VRDP Shares, Moody's completed a review of its methodology for rating securities issued by registered closed-end funds. As of period end, the VRDP Shares were assigned a long-term rating of Aa2 from Moody's under its new ratings methodology. The VRDP Shares continue to be assigned a long-term rating of AAA from Fitch.

For the six months ended January 31, 2017, the annualized dividend rates for the VRDP Shares were as follows:

	MUJ	MIY	MPA
Rate	1.53%	1.54%	1.54%

Ratings: The short-term ratings on the VRDP Shares are directly related to the short-term ratings of the liquidity provider for such VRDP Shares. Changes in the credit quality of the liquidity provider could cause a change in the short-term credit ratings of the VRDP Shares as rated by Moody's, Fitch and/or S&P. A change in the short-term credit rating of the liquidity provider or the VRDP Shares may adversely affect the dividend rate paid on such shares, although the dividend rate paid on the VRDP Shares is not directly based upon either short-term rating. The liquidity provider may be terminated prior to the scheduled termination date if the liquidity provider fails to maintain short-term debt ratings in one of the two highest rating categories.

Special Rate Period: On June 21, 2012, MIY and MPA commenced a three year term ending June 24, 2015 (the "special rate period") with respect to their VRDP Shares, during which the VRDP Shares will not be subject to any remarketing and the dividend rate will be based on a predetermined methodology. In June 2015, the special rate period was extended to June 22, 2016. In June 2016, the special rate period was extended to June 21, 2017. On April 17, 2014, MUJ commenced a three-year term ending April 19, 2017 ("special rate period") with respect to their VRDP Shares, during which the VRDP Shares will not be subject to any remarketing and the dividend rate will be based on a predetermined methodology. The implementation of the special rate period resulted in a mandatory tender of the VRDP Shares prior to the commencement of the special rate period. The mandatory tender event was not the result of a failed remarketing. The short-term ratings on the VRDP Shares for MIY and MPA were withdrawn by Moody's, Fitch and/or S&P at the commencement of the special rate period. Prior to June 21, 2017 for MIY and MPA and April 19, 2017 for MUJ, the holder of the VRDP Shares and VRDP Funds may mutually agree to extend the special rate period. If the special rate period is not extended, the VRDP Shares will revert to remarketable securities upon the termination of the special rate period and will be remarketed and available for purchase by qualified institutional investors.

During the special rate period, the liquidity and fee agreements remain in effect and the VRDP Shares remain subject to mandatory redemption by MUJ on the maturity date. The VRDP Shares will not be remarketed or subject to optional or mandatory tender events during the special rate

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period. During the special rate period, MUJ will be required to comply with the same asset coverage, basic maintenance amount and leverage requirements for the VRDP Shares as is required when the VRDP Shares are not in a special rate period. MUJ will pay a nominal fee at the annual rate of 0.01% to the liquidity provider and remarketing agent during the special rate period. MUJ will also pay dividends monthly based on the sum of the Securities Industry and Financial Markets Association (SIFMA) Municipal Swap Index rate and a percentage per annum based on the long-term ratings assigned to the VRDP Shares.

If VRDP Funds redeem the VRDP Shares prior to the end of the special rate period and the VRDP Shares have long-term ratings above A1/A+ and its equivalent by all ratings agencies then rating the VRDP Shares, then such redemption may be subject to a redemption premium payable to the holder of the VRDP Shares based on the time remaining in the special rate period, subject to certain exceptions for redemptions that are required to comply with minimum asset coverage requirements.

Notes to Financial Statements (continued)

For the six months ended January 31, 2017, the VRDP Shares issued and outstanding remained constant. For the year ended July 31, 2016, the VRDP Shares issued and outstanding for MUJ and MPA remained constant, and the VRDP Shares issued and outstanding increased by 873 due to the reorganization of MIY.

VMTP Shares

MUC and MFT (collectively, the VMTP Funds/Trusts), have issued Series W-7 VMTP Shares, \$100,000 liquidation preference per share, in privately negotiated offerings and sale of VMTP Shares exempt from registration under the Securities Act. The VMTP Shares are subject to certain restrictions on transfer, and VMTP Funds may also be required to register the VMTP Shares for sale under the Securities Act under certain circumstances. In addition, amendments to the VMTP governing documents generally require the consent of the holders of VMTP Shares.

As of period end, the VMTP Shares outstanding of each Fund were as follows:

	Issue Date	Shares Issued	Aggregate Principal	Term Redemption Date
MUC	3/22/12	2,540	\$ 254,000,000	3/30/19
MFT	12/16/11	565	\$ 56,500,000	1/2/19

Redemption Terms: Each VMTP Fund is required to redeem its VMTP Shares on the term redemption date, unless earlier redeemed or repurchased or unless extended. In September 2015, the term redemption date for MUC's VMTP Shares was extended until March 30, 2019. There is no assurance that the term of a Fund's VMTP Shares will be extended further or that a Fund's VMTP Shares will be replaced with any other preferred shares or other form of leverage upon the redemption or repurchase of the VMTP Shares. Six months prior to the term redemption date, each VMTP Fund is required to begin to segregate liquid assets with the Fund's custodian to fund the redemption. In addition, each VMTP Fund is required to redeem certain of its outstanding VMTP Shares if it fails to comply with certain asset coverage, basic maintenance amount or leverage requirements.

Subject to certain conditions, a Fund's VMTP Shares may be redeemed, in whole or in part, at any time at the option of the Fund. The redemption price per VMTP Share is equal to the liquidation preference per share plus any outstanding unpaid dividends and applicable redemption premium. If the Fund redeems the VMTP Shares prior to the term redemption date and the VMTP Shares have long-term ratings above A1/A+ or its equivalent by the ratings agencies then rating the VMTP Shares, then such redemption may be subject to a prescribed redemption premium (up to 3% of the liquidation preference) payable to the holder of the VMTP Shares based on the time remaining until the term redemption date, subject to certain exceptions for redemptions that are required to comply with minimum asset coverage requirements.

Dividends: Dividends on the VMTP Shares are declared daily and payable monthly at a variable rate set weekly at a fixed rate spread to the SIFMA Municipal Swap Index. The fixed spread is determined based on the long-term preferred share rating assigned to the VMTP Shares by the ratings agencies then rating the VMTP Shares. At the date of issuance, the VMTP Shares were assigned long-term ratings of Aaa from Moody's and AAA from Fitch. Subsequent to the issuance of the VMTP Shares, Moody's completed a review of its methodology for rating securities issued by registered closed-end funds. As of period end, the VMTP Shares were assigned a long-term rating of Aa1 for MFT and Aa2 for MUC from Moody's under its new rating methodology. The VMTP Shares continue to be assigned a long-term rating of AAA from Fitch. The dividend rate on the VMTP Shares is subject to a step-up spread if the Funds fail to comply with certain provisions, including, among other things, the timely payment of dividends, redemptions or gross-up payments, and complying with certain asset coverage and leverage requirements.

For the six months ended January 31, 2017, the average annualized dividend rates for the VMTP Shares were as follows:

	MUC	MFT
Rate	1.56%	1.65%

For the six months ended January 31, 2017, VMTP Shares issued and outstanding of each Fund remained constant.

Offering Costs: The Funds incurred costs in connection with the issuance of VRDP Shares and/or VMTP Shares, which were recorded as a direct deduction from the carrying value of the related debt liability and will be amortized over the life of the VRDP Shares with the exception

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of upfront fees paid to the liquidity provider which were amortized over the life of the liquidity agreement and VMTP Shares. Amortization of these costs is included in interest expense, fees and amortization of offering costs in the Statements of Operations.

Financial Reporting: The VRDP and VMTP Shares are considered debt of the issuer; therefore, the liquidation preference, which approximates fair value, of the VRDP and VMTP Shares is recorded as a liability in the Statements of Assets and Liabilities net of offerings costs. Unpaid dividends are included in interest expense and fees payable in the Statements of Assets and Liabilities, and the dividends accrued and paid on the VRDP and VMTP Shares are included as a component of interest expense, fees and amortization of offering costs in the Statements of Operations. The VRDP and VMTP Shares are treated as equity for tax purposes. Dividends paid to holders of the VRDP and VMTP Shares are generally classified as tax-exempt income for tax-reporting purposes.

Notes to Financial Statements (concluded)
11. Subsequent Events:

Management's evaluation of the impact of all subsequent events on the Funds' financial statements was completed through the date the financial statements were issued and the following items were noted:

	Common Dividend Per Share		Preferred Shares ³		
	Paid ¹	Declared ²	Shares	Series	Declared
MUC	\$ 0.0615	\$ 0.0615	VMTP	W-7	\$ 306,505
MUJ	\$ 0.0675	\$ 0.0675	VRDP	W-7	\$ 278,815
MFT	\$ 0.0710	\$ 0.0670	VMTP	W-7	\$ 71,657
MIY	\$ 0.0640	\$ 0.0640	VRDP	W-7	\$ 276,268
MPA	\$ 0.0623	\$ 0.0623	VRDP	W-7	\$ 98,403

¹ Net investment income dividend paid on March 1, 2017 to Common Shareholders of record on February 15, 2017.

² Net investment income dividend declared on March 1, 2017, payable to Common Shareholders of record on March 15, 2017.

³ Dividends declared for period February 1, 2017 to February 28, 2017.

Officers and Directors

Richard E. Cavanagh, Chair of the Board and Director

Karen P. Robards, Vice Chair of the Board and Director

Michael J. Castellano, Director

Cynthia L. Egan, Director

Frank J. Fabozzi, Director

Jerrold B. Harris, Director

R. Glenn Hubbard, Director

W. Carl Kester, Director

Catherine A. Lynch, Director

Barbara G. Novick, Director

John M. Perlowski, Director, President and Chief Executive Officer

Jonathan Diorio, Vice President

Neal J. Andrews, Chief Financial Officer

Jay M. Fife, Treasurer

Charles Park, Chief Compliance Officer

Janey Ahn, Secretary

Investment Adviser	Accounting Agent and Custodian	VRDP Tender and Paying Agent and VMTP Redemption and Paying Agent	Independent Registered Public Accounting Firm	Address of the Funds
BlackRock Advisors, LLC Wilmington, DE 19809	State Street Bank and Trust Company Boston, MA 02110	The Bank of New York Mellon New York, NY 10289	Deloitte & Touche LLP Boston, MA 02116	100 Bellevue Parkway Wilmington, DE 19809
	Transfer Agent	VRDP Liquidity Providers	Legal Counsel	
	Computershare Trust Company, N.A. Canton, MA 02021	Citibank, N.A. ¹ New York, NY 10179	Skadden, Arps, Slate, Meagher & Flom LLP Boston, MA 02116	

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Bank of America, N.A.²

New York, NY 10036

VRDP Remarketing Agents

Citigroup Global Markets Inc.¹

New York, NY 10179

Merrill Lynch, Pierce,
Fenner & Smith Incorporated²

New York, NY 10036

¹ For MIY and MPA.

² For MUJ.

Additional Information

Fund Certification

Certain Funds are listed for trading on the NYSE and have filed with the NYSE their annual chief executive officer certification regarding compliance with the NYSE's listing standards. The Funds filed with the SEC the certification of its chief executive officer and chief financial officer required by section 302 of the Sarbanes-Oxley Act.

Dividend Policy

Each Fund's dividend policy is to distribute all or a portion of its net investment income to its shareholders on a monthly basis. In order to provide shareholders with a more stable level of distributions, the Funds may at times pay out less than the entire amount of net investment income earned in any particular month and may at times in any particular month pay out such accumulated but undistributed income in addition to net investment income earned in that month. As a result, the distributions paid by the Funds for any particular month may be more or less than the amount of net investment income earned by the Funds during such month. The Funds' current accumulated but undistributed net investment income, if any, is disclosed in the Statements of Assets and Liabilities, which comprises part of the financial information included in this report.

General Information

The Funds do not make available copies of their Statements of Additional Information because the Funds' shares are not continuously offered, which means that the Statement of Additional Information of each Fund has not been updated after completion of the respective Fund's offerings and the information contained in each Fund's Statement of Additional Information may have become outdated.

During the period, there were no material changes in the Funds' investment objectives or policies or to the Funds' charters or by-laws that would delay or prevent a change of control of the Funds that were not approved by the shareholders or in the principal risk factors associated with investment in the Funds. Except as disclosed on page 68 there have been no changes in the persons who are primarily responsible for the day-to-day management of the Funds' portfolios.

Effective September 26, 2016, BlackRock implemented a new methodology for calculating effective duration for BlackRock's municipal bond portfolios. The new methodology replaces the model previously used by BlackRock to evaluate municipal bond duration and is a common indicator of an investment's sensitivity to interest rate movements. The new methodology is applied to the Funds' duration reported for any periods after September 26, 2016.

Quarterly performance, semi-annual and annual reports, current net asset value and other information regarding the Funds, including each Fund's effective duration and additional information about the new methodology, may be found on BlackRock's website, which can be accessed at <http://www.blackrock.com>. Any reference to BlackRock's website in this report is intended to allow investors public access to information regarding the Funds and does not, and is not intended to, incorporate BlackRock's website in this report.

Electronic Delivery

Shareholders can sign up for e-mail notifications of quarterly statements, annual and semi-annual shareholder reports by enrolling in the electronic delivery program. Electronic copies of shareholder reports are available on BlackRock's website.

To enroll in electronic delivery:

Shareholders Who Hold Accounts with Investment Advisers, Banks or Brokerages:

Please contact your financial advisor. Please note that not all investment advisers, banks or brokerages may offer this service.

Householding

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The Funds will mail only one copy of shareholder documents, including annual and semi-annual reports and proxy statements, to shareholders with multiple accounts at the same address. This practice is commonly called "householding" and is intended to reduce expenses and eliminate duplicate mailings of shareholder documents. Mailings of your shareholder documents may be householded indefinitely unless you instruct us otherwise. If you do not want the mailing of these documents to be combined with those for other members of your household, please call the Funds at (800) 882-0052.

Additional Information (concluded)

General Information (concluded)

Availability of Quarterly Schedule of Investments

The Funds file their complete schedule of portfolio holdings with the SEC for the first and third quarters of each fiscal year on Form N-Q. The Funds' Forms N-Q are available on the SEC's website at <http://www.sec.gov> and may also be reviewed and copied at the SEC's Public Reference Room in Washington, D.C. Information on the operation of the Public Reference Room or how to access documents on the SEC's website without charge may be obtained by calling (800) SEC-0330. The Funds' Forms N-Q may also be obtained upon request and without charge by calling (800) 882-0052.

Availability of Proxy Voting Policies and Procedures

A description of the policies and procedures that the Funds use to determine how to vote proxies relating to portfolio securities is available upon request and without charge (1) by calling (800) 882-0052; (2) at <http://www.blackrock.com>; and (3) on the SEC's website at <http://www.sec.gov>.

Availability of Proxy Voting Record

Information about how the Funds voted proxies relating to securities held in the Funds' portfolios during the most recent 12-month period ended June 30 is available upon request and without charge (1) at <http://www.blackrock.com>; or by calling (800) 882-0052; and (2) on the SEC's website at <http://www.sec.gov>.

Availability of Fund Updates

BlackRock will update performance and certain other data for the Funds on a monthly basis on its website in the Closed-end Funds section of <http://www.blackrock.com> as well as certain other material information as necessary from time to time. Investors and others are advised to check the website for updated performance information and the release of other material information about the Funds. This reference to BlackRock's website is intended to allow investors public access to information regarding the Funds and does not, and is not intended to, incorporate BlackRock's website in this report.

BlackRock Privacy Principles

BlackRock is committed to maintaining the privacy of its current and former fund investors and individual clients (collectively, "Clients") and to safeguarding their non-public personal information. The following information is provided to help you understand what personal information BlackRock collects, how we protect that information and why in certain cases we share such information with select parties.

If you are located in a jurisdiction where specific laws, rules or regulations require BlackRock to provide you with additional or different privacy-related rights beyond what is set forth below, then BlackRock will comply with those specific laws, rules or regulations.

BlackRock obtains or verifies personal non-public information from and about you from different sources, including the following:

(i) information we receive from you or, if applicable, your financial intermediary, on applications, forms or other documents; (ii) information about your transactions with us, our affiliates, or others; (iii) information we receive from a consumer reporting agency; and (iv) from visits to our websites.

BlackRock does not sell or disclose to non-affiliated third parties any non-public personal information about its Clients, except as permitted by law or as is necessary to respond to regulatory requests or to service Client accounts. These non-affiliated third parties are required to protect the confidentiality and security of this information and to use it only for its intended purpose.

We may share information with our affiliates to service your account or to provide you with information about other BlackRock products or services that may be of interest to you. In addition, BlackRock restricts access to non-public personal information about its Clients to those BlackRock employees with a legitimate business need for the information. BlackRock maintains physical, electronic and procedural safeguards that are designed to protect the non-public personal information of its Clients, including procedures relating to the proper storage and disposal of such information.

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This report is intended for current holders. It is not a prospectus. Past performance results shown in this report should not be considered a representation of future performance. The Funds have leveraged their Common Shares, which creates risks for Common Shareholders, including the likelihood of greater volatility of net asset value and market price of the Common Shares, and the risk that fluctuations in short-term interest rates may reduce the Common Shares yield. Statements and other information herein are as dated and are subject to change.

MQUAL5-1/17-SAR

Item 2 Code of Ethics Not Applicable to this semi-annual report

Item 3 Audit Committee Financial Expert Not Applicable to this semi-annual report

Item 4 Principal Accountant Fees and Services Not Applicable to this semi-annual report

Item 5 Audit Committee of Listed Registrants Not Applicable to this semi-annual report

Item 6 Investments

(a) The registrant's Schedule of Investments is included as part of the Report to Stockholders filed under Item 1 of this Form.

(b) Not Applicable due to no such divestments during the semi-annual period covered since the previous Form N-CSR filing.

Item 7 Disclosure of Proxy Voting Policies and Procedures for Closed-End Management Investment Companies
Not Applicable to this semi-annual report

Item 8 Portfolio Managers of Closed-End Management Investment Companies

(a) Not Applicable to this semi-annual report.

(b) As of the date of this filing, there have been no changes in any of the portfolio managers identified in the most recent annual report on Form N-CSR.

Item 9 Purchases of Equity Securities by Closed-End Management Investment Company and Affiliated Purchasers
Not Applicable

Item 10 Submission of Matters to a Vote of Security Holders There have been no material changes to these procedures.

Item 11 Controls and Procedures

(a) The registrant's principal executive and principal financial officers, or persons performing similar functions, have concluded that the registrant's disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended (the 1940 Act)) are effective as of a date within 90 days of the filing of this report based on the evaluation of these controls and procedures required by Rule 30a-3(b) under the 1940 Act and Rule 13a-15(b) under the Securities Exchange Act of 1934, as amended.

(b) There were no changes in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the 1940 Act) that occurred during the second fiscal quarter of the period covered by this report that have

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materially affected, or are reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 12 Exhibits attached hereto

(a)(1) Code of Ethics Not Applicable to this semi-annual report

(a)(2) Certifications Attached hereto

(a)(3) Not Applicable

(b) Certifications Attached hereto

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

BlackRock MuniYield Michigan Quality Fund, Inc.

By: /s/ John M. Perlowski
John M. Perlowski
Chief Executive Officer (principal executive officer) of
BlackRock MuniYield Michigan Quality Fund, Inc.

Date: April 5, 2017

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

By: /s/ John M. Perlowski
John M. Perlowski
Chief Executive Officer (principal executive officer) of
BlackRock MuniYield Michigan Quality Fund, Inc.

Date: April 5, 2017

By: /s/ Neal J. Andrews
Neal J. Andrews
Chief Financial Officer (principal financial officer) of
BlackRock MuniYield Michigan Quality Fund, Inc.

Date: April 5, 2017