

BLACKROCK MUNIYIELD INVESTMENT QUALITY FUND

Form N-Q

December 23, 2013

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED

MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number 811-07156

Name of Fund: BlackRock MuniYield Investment Quality Fund (MFT)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

Name and address of agent for service: John M. Perlowski, Chief Executive Officer, BlackRock MuniYield

Investment Quality Fund, 55 East 52nd Street, New York, NY 10055

Registrant's telephone number, including area code: (800) 882-0052, Option 4

Date of fiscal year end: 07/31/2014

Date of reporting period: 10/31/2013

Item 1 Schedule of Investments

Schedule of Investments October 31, 2013 (Unaudited)

BlackRock MuniYield Investment Quality Fund (MFT)

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|--|----------------------|--------------|
| Municipal Bonds | | |
| Alabama 5.0% | | |
| City of Birmingham Alabama Special Care Facilities Financing Authority, RB, Children s Hospital, (AGC): 6.13%, 6/01/34 | \$ 1,500 | \$ 1,689,915 |
| 6.00%, 6/01/39 | 2,985 | 3,350,632 |
| City of Madison Alabama, GO, Refunding, 5.00%, 4/01/37 | 375 | 388,084 |
| City of Selma Alabama IDB, RB, Gulf Opportunity Zone, International Paper Co. Project, Series A, 5.38%, 12/01/35 | 350 | 342,111 |
| | | 5,770,742 |
| California 19.1% | | |
| California Educational Facilities Authority, RB, University of Southern California, Series A, 5.25%, 10/01/38 | 1,960 | 2,099,199 |
| California Health Facilities Financing Authority, RB, Sutter Health, Series B, 6.00%, 8/15/42 | 1,150 | 1,326,341 |
| California State Public Works Board, LRB, Department of Corrections and Rehabilitation, Series F, 5.25%, 9/01/33 | 490 | 518,910 |
| City & County of San Francisco Airports Commission, Refunding ARB, Second Series A, AMT: 5.50%, 5/01/28 | 720 | 787,392 |
| 5.25%, 5/01/33 | 560 | 582,949 |
| City of San Jose California, Refunding ARB, Series A-1, AMT: 5.50%, 3/01/30 | 1,600 | 1,698,896 |
| 6.25%, 3/01/34 | 1,250 | 1,387,725 |
| County of Sacramento California, ARB, Senior Series A (AGC), 5.50%, 7/01/41 | 1,400 | 1,541,372 |
| Kern Community College District, GO, Safety, Repair & Improvement, Series C, 5.50%, 11/01/33 | 970 | 1,088,961 |
| Los Angeles Community College District California, GO, Election of 2001, Series A (NPFGC), 5.00%, 8/01/32 | 2,780 | 2,932,872 |
| Redondo Beach Unified School District, GO, Election of 2008, Series E, 5.50%, 8/01/34 | 1,000 | 1,066,770 |
| | Par (000) | Value |
| Municipal Bonds | | |
| California (concluded) | | |
| San Diego Public Facilities Financing Authority Water, Refunding RB, Series B (AGC), 5.38%, 8/01/34 | \$ 1,020 | \$ 1,114,819 |
| State of California, GO, Various Purposes (AGC), 5.50%, 11/01/39 | 3,450 | 3,744,699 |
| University of California Medical Center, Refunding RB, Series J, 5.25%, 5/15/38 | 2,235 | 2,344,359 |
| | | 22,235,264 |
| Colorado 2.2% | | |
| City & County of Denver Colorado Airport System, ARB, Series A, AMT: 5.50%, 11/15/28 | 500 | 537,510 |
| 5.50%, 11/15/30 | 225 | 237,978 |
| 5.50%, 11/15/31 | 270 | 283,595 |
| Colorado Health Facilities Authority, RB, Hospital, NCMC, Inc. Project, Series B (AGM), 6.00%, 5/15/26 | 1,300 | 1,456,117 |
| | | 2,515,200 |
| Florida 17.3% | | |
| City of Jacksonville Florida, Refunding RB, Series A, 5.25%, 10/01/33 | 270 | 288,498 |
| County of Hillsborough Florida Aviation Authority, Refunding RB, Tampa International Airport, Series A, AMT, 5.50%, 10/01/29 | 1,170 | 1,236,807 |
| County of Lee Florida, Refunding ARB, Series A, AMT, 5.38%, 10/01/32 | 1,000 | 1,025,490 |
| County of Manatee Florida Housing Finance Authority, RB, Series A, AMT (Ginnie Mae, Fannie Mae & Freddie Mac), 5.90%, 9/01/40 | 155 | 158,269 |
| County of Miami-Dade Florida, RB, Seaport: Series A, 6.00%, 10/01/38 | 1,840 | 2,014,046 |
| Series A, 5.50%, 10/01/42 | 2,125 | 2,217,310 |
| Series B, AMT, 6.00%, 10/01/26 | 590 | 653,171 |
| Series B, AMT, 6.00%, 10/01/27 | 775 | 853,128 |
| Series B, AMT, 6.25%, 10/01/38 | 310 | 331,238 |
| Series B, AMT, 6.00%, 10/01/42 | 410 | 428,036 |

Schedule of Investments (continued)

BlackRock MuniYield Investment Quality Fund (MFT)

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|--|----------------------|--------------|
| Municipal Bonds | | |
| Florida (concluded) | | |
| County of Miami-Dade Florida, Refunding RB: Expressway Authority, Series A, 5.00%, 7/01/33 | \$ 1,370 | \$ 1,407,730 |
| Seaport, Series D, AMT, 6.00%, 10/01/26 | 735 | 813,696 |
| Transit System Sales Surtax, 5.00%, 7/01/42 | 2,660 | 2,700,964 |
| Water & Sewer System, Series B, 5.25%, 10/01/29 | 1,890 | 2,057,548 |
| County of Miami-Dade Florida Aviation, Refunding ARB, Series A, AMT: 5.00%, 10/01/31 | 2,165 | 2,192,885 |
| 5.00%, 10/01/32 | 1,000 | 1,005,680 |
| Reedy Creek Improvement District, GO, Series A, 5.25%, 6/01/32 | 710 | 761,915 |
| | | 20,146,411 |
| Illinois 17.7% | | |
| Chicago Transit Authority, Refunding RB, Federal Transit Administration, Section 5309 (AGM), 5.00%, 6/01/28 | 3,000 | 3,081,810 |
| City of Chicago Illinois, GARB, O Hare International Airport Third Lien: Series A, 5.75%, 1/01/39 | 770 | 802,017 |
| Series C, 6.50%, 1/01/41 | 3,680 | 4,138,307 |
| City of Chicago Illinois, Refunding RB, Sales Tax, Series A, 5.25%, 1/01/38 | 525 | 547,979 |
| City of Chicago Illinois Transit Authority, RB: Federal Transit Administration Section 5309, Series A (AGC), 6.00%, 6/01/26 | 1,400 | 1,525,076 |
| Sales Tax Receipts, 5.25%, 12/01/36 | 425 | 435,952 |
| Sales Tax Receipts, 5.25%, 12/01/40 | 2,355 | 2,393,646 |
| City of Chicago Illinois Wastewater Transmission Revenue, RB, Wastewater Transmission, Second Lien, 5.00%, 1/01/42 | 1,375 | 1,332,499 |
| County of Cook Illinois Community College District No. 508, GO, City College of Chicago: 5.50%, 12/01/38 | 470 | 493,350 |
| 5.25%, 12/01/43 | 1,000 | 1,007,740 |
| Illinois Finance Authority, RB, Carle Foundation, Series A, 6.00%, 8/15/41 | 1,555 | 1,681,235 |
| | Par (000) | Value |
| Municipal Bonds | | |
| Illinois (concluded) | | |
| Railsplitter Tobacco Settlement Authority, RB: 5.50%, 6/01/23 | \$ 940 | \$ 1,033,633 |
| 6.00%, 6/01/28 | 270 | 289,494 |
| State of Illinois, GO, Various Purposes: 5.50%, 7/01/33 | 1,500 | 1,531,455 |
| 5.50%, 7/01/38 | 280 | 281,019 |
| | | 20,575,212 |
| Indiana 4.2% | | |
| Indiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges East End Crossing Project, AMT, 5.00%, 7/01/40 | 375 | 341,595 |
| Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC), 5.50%, 1/01/38 | 4,310 | 4,545,024 |
| | | 4,886,619 |
| Louisiana 1.9% | | |
| New Orleans Aviation Board Louisiana, Refunding GARB, Restructuring (AGC): Series A-1, 6.00%, 1/01/23 | 375 | 428,261 |
| Series A-2, 6.00%, 1/01/23 | 160 | 182,725 |
| Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A: 5.50%, 5/15/28 | 755 | 786,454 |
| 5.50%, 5/15/29 | 805 | 831,114 |
| | | 2,228,554 |
| Massachusetts 3.5% | | |
| Massachusetts HFA, Refunding, HRB, Series C, AMT, 5.35%, 12/01/42 | 1,910 | 1,908,969 |
| Massachusetts School Building Authority, RB, Senior Series B, 5.00%, 10/15/41 | 2,035 | 2,125,903 |

Edgar Filing: BLACKROCK MUNIYIELD INVESTMENT QUALITY FUND - Form N-Q

| | | |
|---|-------|-----------|
| | | 4,034,872 |
| Michigan 5.6% | | |
| City of Detroit Michigan, RB, Water Supply System, Second Lien, Series B (AGM), 6.25%, 7/01/36 | 1,800 | 1,825,128 |
| City of Detroit Michigan, Refunding RB, Sewage Disposal System Senior Lien: Series B (AGM), 7.50%, 7/01/33 | 660 | 708,523 |

Schedule of Investments (continued)

BlackRock MuniYield Investment Quality Fund (MFT)

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|---|--------------|--------------|
| Municipal Bonds | | |
| Michigan (concluded) | | |
| City of Detroit Michigan, Refunding RB, Sewage Disposal System Senior Lien (concluded): | | |
| Series C-1 (AGM), 7.00%, 7/01/27 | \$ 2,285 | \$ 2,412,983 |
| Royal Oak Hospital Finance Authority, Refunding RB, William Beaumont Hospital, 8.25%, 9/01/39 | 1,265 | 1,521,643 |
| | | 6,468,277 |
| Minnesota 2.9% | | |
| City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series B (AGC), 6.50%, 11/15/38 | | |
| | 3,000 | 3,438,690 |
| Mississippi 1.5% | | |
| Mississippi Development Bank, RB, Jackson Water & Sewer System Project (AGM), 6.88%, 12/01/40 | | |
| | 1,190 | 1,423,157 |
| Mississippi State University Educational Building Corp., Refunding RB, 5.25%, 8/01/38 | 260 | 279,271 |
| | | 1,702,428 |
| Nevada 4.4% | | |
| County of Clark Nevada, ARB: | | |
| Las Vegas-McCarran International Airport, Series A (AGM), 5.25%, 7/01/39 | 2,375 | 2,455,631 |
| Subordinate Lien, Series A-2 (NPFGC), 5.00%, 7/01/36 | 1,000 | 1,001,560 |
| County of Clark Nevada Water Reclamation District, GO, Series A, 5.25%, 7/01/34 | 1,500 | 1,668,420 |
| | | 5,125,611 |
| New Jersey 6.1% | | |
| New Jersey EDA, RB, School Facilities Construction, (AGC): | | |
| 6.00%, 12/15/18 (a) | 330 | 409,566 |
| 6.00%, 12/15/34 | 670 | 754,319 |
| New Jersey Health Care Facilities Financing Authority, RB, Virtua Health, Series A (AGC), 5.50%, 7/01/38 | 1,400 | 1,445,220 |
| New Jersey Transportation Trust Fund Authority, RB: | | |
| Transportation Program, Series AA, 5.50%, 6/15/39 | 1,600 | 1,712,144 |
| | Par (000) | Value |
| Municipal Bonds | | |
| New Jersey (concluded) | | |
| New Jersey Transportation Trust Fund Authority, RB (concluded): | | |
| Transportation System, Series A, 5.50%, 6/15/41 | \$ 1,195 | \$ 1,257,929 |
| Rutgers The State University of New Jersey, Refunding RB: | | |
| Series J, 5.00%, 5/01/32 | 845 | 916,808 |
| Series L, 5.00%, 5/01/32 | 520 | 564,190 |
| | | 7,060,176 |
| New York 5.6% | | |
| City of New York New York Municipal Water Finance Authority, Refunding RB, Water & Sewer System, 2nd General Resolution, Series FF-2, 5.50%, 6/15/40 | | |
| | 1,545 | 1,654,154 |
| City of New York New York Transitional Finance Authority Building Aid, BARB, Fiscal 2009, Series S-4 (AGC), 5.50%, 1/15/29 | | |
| | 2,000 | 2,242,840 |
| Port Authority of New York & New Jersey, Refunding ARB, Consolidated, 166th Series, 5.25%, 7/15/36 | 2,500 | 2,679,250 |
| | | 6,576,244 |
| Ohio 2.1% | | |
| Ohio Higher Educational Facility Commission, Refunding RB, Kenyon College Project, 5.00%, 7/01/37 | | |
| | 190 | 193,783 |
| Ohio State Turnpike Commission, RB, Junior Lien, Infrastructure Projects, Series A-1: | | |
| 5.25%, 2/15/30 | 585 | 631,338 |
| 5.25%, 2/15/31 | 1,500 | 1,611,645 |
| | | 2,436,766 |
| Pennsylvania 2.7% | | |
| Pennsylvania Higher Educational Facilities Authority, RB, Temple University, 1st Series, 5.00%, 4/01/42 | | |
| | 1,000 | 1,025,510 |
| Pennsylvania Turnpike Commission, RB, Sub-Series A, 6.00%, 12/01/41 | 2,000 | 2,168,660 |
| | | 3,194,170 |

Schedule of Investments (continued)

BlackRock MuniYield Investment Quality Fund (MFT)

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|--|----------------------|--------------------|
| Municipal Bonds | | |
| South Carolina 3.7% | | |
| County of Charleston South Carolina Airport District, ARB, Series A, AMT: | | |
| 6.00%, 7/01/38 | \$ 1,155 | \$ 1,235,284 |
| 5.50%, 7/01/41 | 1,000 | 1,030,920 |
| County of Charleston South Carolina Airport District, RB, Series A, AMT, 5.50%, 7/01/26 | 1,810 | 1,999,833 |
| | | 4,266,037 |
| Texas 22.4% | | |
| Austin Community College District Public Facility Corp., RB, Educational Facilities Project, Round Rock Campus, 5.25%, 8/01/33 | | |
| | 2,250 | 2,404,935 |
| City of Beaumont Texas, GO, Certificates of Obligation, 5.25%, 3/01/37 | 930 | 1,006,948 |
| City of Houston Texas Utility System, Refunding RB, Combined 1st Lien, Series A, (AGC): | | |
| 6.00%, 11/15/35 | 2,700 | 3,069,387 |
| 6.00%, 11/15/36 | 2,055 | 2,350,694 |
| 5.38%, 11/15/38 | 1,000 | 1,067,180 |
| County of Tarrant Texas Cultural Education Facilities Finance Corp., Refunding RB, Christus Health, Series A (AGC), 6.50%, 7/01/37 | | |
| | 1,100 | 1,205,105 |
| Dallas-Fort Worth International Airport, ARB, Joint Improvement AMT: | | |
| Series A, 5.00%, 11/01/38 | 875 | 833,053 |
| Series H, 5.00%, 11/01/37 | 980 | 940,339 |
| Dallas-Fort Worth International Airport, Refunding RB, Joint Revenue, Series E, 5.50%, 11/01/27 | 2,500 | 2,729,000 |
| Frisco Texas ISD, GO, School Building (AGC), 5.50%, 8/15/41 | 1,210 | 1,360,633 |
| Lower Colorado River Authority, Refunding RB, 5.50%, 5/15/33 | 730 | 783,166 |
| North Texas Tollway Authority, RB, Special Projects, Series A, 5.50%, 9/01/41 | 2,750 | 2,969,230 |
| North Texas Tollway Authority, Refunding RB, 1st Tier: | | |
| (AGM), 6.00%, 1/01/43 | 1,000 | 1,083,940 |
| Series K-1 (AGC), 5.75%, 1/01/38 | 1,400 | 1,531,670 |
| | Par (000) | Value |
| Municipal Bonds | | |
| Texas (concluded) | | |
| Red River Education Financing Corp., RB, Texas Christian University Project, 5.25%, 3/15/38 | \$ 420 | \$ 454,532 |
| Waco Educational Finance Corp., Refunding RB, Baylor University, 5.00%, 3/01/43 | 2,225 | 2,268,899 |
| | | 26,058,711 |
| Virginia 1.4% | | |
| City of Lexington Virginia IDA, RB, Washington & Lee University, 5.00%, 1/01/43 | 380 | 398,400 |
| Virginia Public School Authority, RB, School Financing, 6.50%, 12/01/18 (a) | 1,000 | 1,266,700 |
| | | 1,665,100 |
| Washington 1.6% | | |
| City of Seattle Washington Municipal Light & Power, Refunding RB, Series A, 5.25%, 2/01/36 | 1,000 | 1,072,730 |
| State of Washington, GO, Various Purposes, Series B, 5.25%, 2/01/36 | 725 | 780,086 |
| | | 1,852,816 |
| Total Municipal Bonds 130.9% | | 152,237,900 |
| Municipal Bonds Transferred to Tender Option Bond (TOB) Trusts (b) | | |
| Alabama 1.3% | | |
| City of Mobile Alabama Board of Water and Sewer Commissioners, RB, (NPFGC), 5.00%, 1/01/31 | 1,500 | 1,570,739 |
| California 0.9% | | |
| University of California, Refunding RB, Limited Project, Series G, 5.00%, 5/15/37 | 1,000 | 1,048,938 |
| District of Columbia 0.7% | | |
| District of Columbia Water & Sewer Authority, Refunding RB, Senior Lien, Series A, 6.00%, 10/01/35 (c) | 760 | 850,116 |
| Florida 2.6% | | |
| County of Hillsborough Florida Aviation Authority, RB, Tempa International Airport, Series A, AMT (AGC), 5.50%, 10/01/38 | 2,499 | 2,661,327 |

Schedule of Investments (continued)

BlackRock MuniYield Investment Quality Fund (MFT)

(Percentages shown are based on Net Assets)

| Municipal Bonds Transferred to Tender Option Bond (TOB) Trusts (b) | Par (000) | Value |
|--|--------------|--------------|
| Florida (concluded) | | |
| County of Lee Florida Housing Finance Authority, RB, Multi-County Program, Series A-2, AMT (Ginnie Mae), 6.00%, 9/01/40 | \$ 315 | \$ 329,673 |
| | | 2,991,000 |
| Kentucky 1.0% | | |
| Kentucky State Property & Building Commission, Refunding RB, Project No. 93 (AGC), 5.25%, 2/01/27 | 1,002 | 1,112,069 |
| Nevada 7.8% | | |
| County of Clark Nevada Water Reclamation District, GO: Limited Tax, 6.00%, 7/01/38 | 2,010 | 2,279,581 |
| Series B, 5.50%, 7/01/29 | 1,994 | 2,286,558 |
| Las Vegas Valley Water District, GO, Refunding, Series C, 5.00%, 6/01/28 | 4,200 | 4,537,848 |
| | | 9,103,987 |
| New Jersey 2.3% | | |
| New Jersey Housing & Mortgage Finance Agency, RB, S/F Housing, Series CC, 5.25%, 10/01/29 | 1,610 | 1,679,650 |
| New Jersey Transportation Trust Fund Authority, RB, Transportation System, Series B, 5.25%, 6/15/36 (c) | 1,000 | 1,051,411 |
| | | 2,731,061 |
| New York 14.7% | | |
| City of New York New York Transitional Finance Authority, BARB, Series S-3, 5.25%, 1/15/39 | 1,000 | 1,096,100 |
| Hudson Yards Infrastructure Corp., RB, Senior Series A, 5.75%, 2/15/47 (c) | 1,000 | 1,059,206 |
| New York Liberty Development Corp., Refunding RB, 4 World Trade Center Project, 5.75%, 11/15/51 (c) | 1,770 | 1,889,528 |
| New York Liberty Development Corp., RB, 1 World Trade Center Port Authority Construction, 5.25%, 12/15/43 | 3,000 | 3,130,770 |
| | Par | |
| Municipal Bonds Transferred to Tender Option Bond (TOB) Trusts (b) | | |
| New York (concluded) | | |
| New York Municipal Water Finance Authority, Refunding RB, Second General Resolution: Fiscal 2012, Series BB, 5.25%, 6/15/44 | \$ 2,999 | \$ 3,164,860 |
| Water & Sewer System, Series FF-2, 5.50%, 6/15/40 | 1,095 | 1,172,190 |
| New York State Dormitory Authority, ERB, Series B, 5.25%, 3/15/38 | 3,250 | 3,442,887 |
| New York State Thruway Authority, Refunding RB, General, Series G (AGM), 5.00%, 1/01/32 | 2,000 | 2,084,920 |
| | | 17,040,461 |
| Texas 2.5% | | |
| City of San Antonio Texas Public Service Board, Refunding RB, Electric and Gas System, Series A, 5.25%, 2/01/31 (c) | 2,609 | 2,885,266 |
| Utah 0.9% | | |
| City of Riverton Utah, RB, IHC Health Services, Inc., 5.00%, 8/15/41 | 1,005 | 1,018,131 |
| Total Municipal Bonds Transferred to Tender Option Bond (TOB) Trusts 34.7% | | |
| | | 40,351,768 |
| Total Long-Term Investments | | |
| (Cost \$185,157,830) 165.6% | | 192,589,668 |
| Short-Term Securities | | |
| FPI Institutional Tax-Exempt Fund, 0.03% (d)(e) | 2,301,667 | 2,301,667 |
| Total Short-Term Securities | | |
| (Cost \$2,301,667) 2.0% | | 2,301,667 |
| Total Investments (Cost \$187,459,497*) 167.6% | | 194,891,335 |

Edgar Filing: BLACKROCK MUNIYIELD INVESTMENT QUALITY FUND - Form N-Q

| | |
|--|----------------|
| Liabilities in Excess of Other Assets (0.2)% | (257,159) |
| Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (18.8%) | (21,840,947) |
| VMTP Shares, at Liquidation Value (48.6%) | (56,500,000) |
| Net Assets Applicable to Common Shares 100.0% | \$ 116,293,229 |

BLACKROCK MUNIYIELD INVESTMENT QUALITY FUND

OCTOBER 31, 2013

5

Schedule of Investments (continued)

BlackRock MuniYield Investment Quality Fund (MFT)

* As of October 31, 2013, gross unrealized appreciation and depreciation based on cost for federal income tax purposes were as follows:

| | |
|-------------------------------|----------------|
| Tax cost | \$ 165,927,673 |
| Gross unrealized appreciation | \$ 8,765,248 |
| Gross unrealized depreciation | (1,635,831) |
| Net unrealized appreciation | \$ 7,129,417 |

Notes to Schedule of Investments

- (a) US government securities, held in escrow, are used to pay interest on this security, as well as to retire the bond in full at the date indicated, typically at a premium to par.
- (b) Represent bonds transferred to a TOB. In exchange the Fund acquired residual interest certificates. These bonds serve as collateral in a financing transaction.
- (c) All or a portion of security is subject to a recourse agreement, which may require the Fund to pay the liquidity provider in the event there is a shortfall between the TOB trust certificates and proceeds received from the sale of the security contributed to the TOB trust. In the case of a shortfall, the aggregate maximum potential amount the Fund could ultimately be required to pay under the agreements, which expire from October 1, 2016 to November 15, 2019 is \$4,647,047.
- (d) Represents the current yield as of report date.
- (e) Investments in issuers considered to be an affiliate of the Fund during the period ended October 31, 2013, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

| Affiliate | Shares Held | | Shares Held | | Income |
|-----------------------------------|-------------|-------------|----------------|--------|--------|
| | at July 31, | Net | at October 31, | | |
| FFI Institutional Tax-Exempt Fund | 8,162,312 | (5,860,645) | 2,301,667 | \$ 218 | |

Portfolio Abbreviations

To simplify the listings of portfolio holdings in the Schedule of Investments, the names and descriptions of many of the securities have been abbreviated according to the following list:

| | |
|-------------|--------------------------------------|
| AGC | Assured Guarantee Corp. |
| AGM | Assured Guaranty Municipal Corp. |
| AMT | Alternative Minimum Tax (subject to) |
| ARB | Airport Revenue Bonds |
| BARB | Building Aid Revenue Bonds |
| EDA | Economic Development Authority |
| ERB | Education Revenue Bonds |

Edgar Filing: BLACKROCK MUNIYIELD INVESTMENT QUALITY FUND - Form N-Q

| | |
|--------------------|--|
| Fannie Mae | Federal National Mortgage Association |
| Freddie Mac | Federal Home Loan Mortgage Corp. |
| GARB | General Airport Revenue Bonds |
| Ginnie Mae | Government National Mortgage Association |
| GO | General Obligation Bonds |
| HFA | Housing Finance Agency |
| HRB | Housing Revenue Bonds |
| IDA | Industrial Development Authority |
| IDB | Industrial Development Board |
| ISD | Independent School District |
| LRB | Lease Revenue Bonds |
| NPFGC | National Public Finance Guarantee Corp. |
| RB | Revenue Bonds |
| S/F | Single Family |

Schedule of Investments (continued)

BlackRock MuniYield Investment Quality Fund (MFT)

Financial futures contracts as of October 31, 2013 were as follows:

Contracts

| Sold | Issue | Exchange | Expiration | Notional Value | Unrealized Depreciation |
|------|--------------------------|------------------------|---------------|----------------|-------------------------|
| (72) | 10-Year US Treasury Note | Chicago Board of Trade | December 2013 | \$ 9,169,875 | \$ (5,703) |

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

Level 1 unadjusted price quotations in active markets/exchanges for identical assets or liabilities that the 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 the Fund's own assumptions used in determining the fair value of investments and derivative financial instruments)

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.

Changes in valuation techniques may result in transfers into or out of an assigned level within the disclosure hierarchy. In accordance with the Fund's policy, transfers between different levels of the fair value disclosure 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 investment and derivative financial instrument and is not necessarily an indication of the risks associated with investing in those securities. For information about the Fund's policy regarding valuation of investments and derivative financial instruments, please refer to the Fund's most recent financial statements as contained in its annual report.

The following tables summarize the Fund's investments and derivative financial instruments categorized in the disclosure hierarchy as of October 31, 2013:

| | Level 1 | Level 2 | Level 3 | Total |
|------------------------------------|--------------|----------------|---------|----------------|
| Assets: | | | | |
| Investments: | | | | |
| Long-Term Investments ¹ | | \$ 192,589,668 | | \$ 192,589,668 |
| Short-Term Securities | \$ 2,301,667 | | | 2,301,667 |
| Total | \$ 2,301,667 | \$ 192,589,668 | | \$ 194,891,335 |

¹ See above Schedule of Investments for values in each state or political subdivision.

| | Level 1 | Level 2 | Level 3 | Total |
|---|------------|---------|---------|------------|
| Derivative Financial Instruments ² | | | | |
| Liabilities: | | | | |
| Interest rate contracts | \$ (5,703) | | | \$ (5,703) |

² Derivative financial instruments are financial futures contracts, which are valued at the unrealized appreciation/depreciation on the instrument.

Schedule of Investments (concluded)

BlackRock MuniYield Investment Quality Fund (MFT)

Certain of the Fund's assets and/or liabilities are held at carrying amount, which approximates fair value for financial reporting purposes. As of October 31, 2013, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

| | Level 1 | Level 2 | Level 3 | Total |
|--|------------|-----------------|---------|-----------------|
| Assets: | | | | |
| Cash pledged for financial futures contracts | \$ 128,000 | | | \$ 128,000 |
| Liabilities: | | | | |
| TOB trust certificates | | \$ (21,834,245) | | (21,834,245) |
| VMTP Shares | | (56,500,000) | | (56,500,000) |
| Total | \$ 128,000 | \$ (78,334,245) | | \$ (78,206,245) |

There were no transfers between levels during the period ended October 31, 2013.

Item 2 Controls and Procedures

- 2(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.
- 2(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 registrant's last fiscal quarter that have materially affected, or are reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 3 Exhibits

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 Investment Quality Fund

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

Date: December 23, 2013

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 Investment Quality Fund

Date: December 23, 2013

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

Date: December 23, 2013