

BLACKROCK MUNIYIELD PENNSYLVANIA QUALITY FUND

Form N-Q

June 25, 2012

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 811-07136

Name of Fund: BlackRock MuniYield Pennsylvania Quality Fund (MPA)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

Name and address of agent for service: John M. Perlowski, Chief Executive Officer, BlackRock MuniYield Pennsylvania 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: 07/31/2012

Date of reporting period: 04/30/2012

Item 1 – Schedule of Investments

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Schedule of Investments April 30, 2012 (Unaudited)

BlackRock MuniYield Pennsylvania Quality Fund (MPA)
(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|--|--------------|--------------|
| Municipal Bonds | | |
| Pennsylvania 104.3% | | |
| Corporate 5.7% | | |
| Beaver County IDA, Refunding RB, FirstEnergy, Mandatory Put Bonds, 3.38%, 1/01/35 (a) | \$ 1,200 | \$ 1,223,316 |
| Delaware County IDA Pennsylvania, Refunding RB, Water Facilities, Aqua Pennsylvania, Inc. Project, Series B, AMT (NPFGC), 5.00%, 11/01/36 | 2,520 | 2,596,608 |
| Northumberland County IDA, Refunding RB, Aqua Pennsylvania, Inc. Project, AMT (NPFGC), 5.05%, 10/01/39 | 4,500 | 4,593,195 |
| Pennsylvania Economic Development Financing Authority, RB, Series A, Waste Management, Inc. Project, AMT, 5.10%, 10/01/27 | 1,200 | 1,235,928 |
| Pennsylvania Economic Development Financing Authority, Refunding RB, Amtrak Project, Series A, AMT, 5.00%, 11/01/41 | 865 | 902,359 |
| | | 10,551,406 |
| County/City/Special District/School District 28.6% | | |
| Chambersburg Area School District, GO (NPFGC): | | |
| 5.25%, 3/01/26 | 2,115 | 2,341,263 |
| 5.25%, 3/01/27 | 2,500 | 2,756,375 |
| City of Philadelphia Pennsylvania, GO, Refunding, Series A: | | |
| (AGC), 5.00%, 8/01/24 | 2,000 | 2,225,120 |
| (AGM), 5.25%, 12/15/32 | 5,000 | 5,457,600 |
| City of Pittsburgh Pennsylvania, GO, Refunding, Series B, 5.00%, 9/01/26 | 970 | 1,083,015 |
| Connellsville Area School District, GO, Series B (AGM), 5.00%, 11/15/37 | 1,000 | 1,016,590 |
| County of York Pennsylvania, GO, 5.00%, 3/01/36 | 400 | 438,192 |
| East Stroudsburg Area School District, GO, Series A: | | |
| (AGM), 5.00%, 9/01/25 | 7,000 | 7,732,550 |
| (NPFGC), 7.75%, 9/01/27 | 2,000 | 2,508,860 |
| Falls Township Pennsylvania, RB, Water & Sewer Authority, 5.00%, 12/01/37 | 1,070 | 1,172,324 |
| Lower Merion School District, GO, Refunding, Series A, 3.25%, 11/15/27 | 2,035 | 2,049,448 |
| Marple Newtown School District, GO (AGM), 5.00%, 6/01/31 | 3,500 | 4,067,385 |
| Northeastern School District York County, GO, Series B (NPFGC), 5.00%, 4/01/32 | 1,585 | 1,696,727 |
| Philadelphia Redevelopment Authority, RB: | | |
| Neighborhood Transformation, Series A, 5.50%, 4/15/22 | 1,750 | 1,750,262 |
| Quality Redevelopment Neighborhood, Series B, AMT (NPFGC), 5.00%, | 4,645 | 4,760,800 |

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4/15/27

| Municipal Bonds | Par (000) | Value |
|---|--------------|--------------|
| Pennsylvania (continued) | | |
| County/City/Special District/School District (concluded) | | |
| Philadelphia School District, GO: Series B (NPFGC), 5.63%, 8/01/21 (b) | \$ 3,650 | \$ 3,700,078 |
| Series E, 6.00%, 9/01/38 | 3,300 | 3,740,946 |
| Philadelphia School District, GO, Refunding, Series A (BHAC), 5.00%, 6/01/34 | 1,000 | 1,123,570 |
| Philipsburg Osceola Area School District Pennsylvania, GO (AGM), 5.00%, 4/01/41 | 755 | 790,576 |
| Shaler Area School District Pennsylvania, GO, CAB (Syncora), 4.82%, 9/01/30 (c) | 6,145 | 2,827,806 |
| | | 53,239,487 |
| Education 8.4% | | |
| Adams County IDA, Refunding RB, Gettysburg College, 5.00%, 8/15/26 | 100 | 111,862 |
| Pennsylvania Higher Educational Facilities Authority, RB: Drexel University, Series A (NPFGC), 5.00%, 5/01/37 | 1,500 | 1,588,620 |
| University of Pennsylvania Health System, Series A, 4.00%, 8/15/39 (d) | 7,750 | 7,756,122 |
| University of Pennsylvania Health System, Series A, 5.00%, 8/15/42 (d) | 1,135 | 1,238,932 |
| Pennsylvania Higher Educational Facilities Authority, Refunding RB: Drexel University, Series A, 5.25%, 5/01/41 | 2,750 | 3,018,648 |
| State System Higher Education, Series A1, 5.00%, 6/15/35 | 1,780 | 2,003,515 |
| | | 15,717,699 |
| Health 11.1% | | |
| Allegheny County Hospital Development Authority, RB, Health Center, UPMC Health, Series B (NPFGC), 6.00%, 7/01/26 | 2,000 | 2,561,180 |
| Centre County Hospital Authority, RB, Mount Nittany Medical Center Project, 7.00%, 11/15/46 | 2,020 | 2,375,257 |
| County of Lehigh Pennsylvania, RB, Lehigh Valley Health Network, Series A (AGM), 5.00%, 7/01/33 | 7,995 | 8,414,418 |
| Cumberland County Municipal Authority, RB, Diakon Lutheran, 6.38%, 1/01/39 | 500 | 535,035 |
| Montgomery County Higher Education & Health Authority, Refunding RB Abington Memorial Hospital, Series A, 5.13%, 6/01/33 | 490 | 511,408 |

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Schedule of Investments (continued)

BlackRock MuniYield Pennsylvania Quality Fund (MPA)
(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|---|--------------|------------|
| Municipal Bonds | | |
| Pennsylvania (continued) | | |
| Health (concluded) | | |
| Montgomery County IDA Pennsylvania, RB, Acts Retirement Life Community: 4.50%, 11/15/36 | \$ 295 | \$ 270,373 |
| Series A-1, 6.25%, 11/15/29 | 235 | 259,941 |
| Philadelphia Hospitals & Higher Education Facilities Authority, Refunding RB, Presbyterian Medical Center, 6.65%, 12/01/19 (e) | 3,000 | 3,673,380 |
| South Fork Municipal Authority, Refunding RB, Conemaugh Valley Memorial, Series B (AGC), 5.38%, 7/01/35 | 2,000 | 2,165,280 |
| | | 20,766,272 |
| Housing 3.0% | | |
| Pennsylvania HFA, RB, Series 95-A, AMT, 4.90%, 10/01/37 | 1,000 | 1,009,670 |
| Pennsylvania HFA, Refunding RB, Series 99-A, AMT, 5.15%, 4/01/38 | 800 | 877,760 |
| Pennsylvania HFA, Refunding RB, S/F Mortgage, Series 92-A, AMT, 4.75%, 4/01/31 | 680 | 686,617 |
| Philadelphia Housing Authority Capital Fund Program, RB, Series A (AGM), 5.50%, 12/01/18 | 3,000 | 3,087,630 |
| | | 5,661,677 |
| State 11.1% | | |
| Commonwealth of Pennsylvania, GO: 5.00%, 11/15/30 | 6,355 | 7,425,754 |
| First Series, 5.00%, 6/01/28 | 1,250 | 1,488,950 |
| Pennsylvania Turnpike Commission, RB, Series C of 2003 Pennsylvania Turnpike (NPFGC), 5.00%, 12/01/32 | 3,600 | 3,921,696 |
| State Public School Building Authority, RB (AGM): CAB, Corry Area School District, 4.85%, 12/15/22 (c) | 1,640 | 1,166,056 |
| CAB, Corry Area School District, 4.87%, 12/15/23 (c) | 1,980 | 1,341,351 |
| CAB, Corry Area School District, 4.89%, 12/15/24 (c) | 1,980 | 1,274,823 |
| CAB, Corry Area School District, 4.92%, 12/15/25 (c) | 1,770 | 1,082,886 |
| School District Philadelphia Project, Series B, 5.00%, 6/01/26 | 1,500 | 1,621,800 |
| State Public School Building Authority, Refunding RB, Harrisburg School District Project, Series A (AGC), 5.00%, 11/15/33 | 1,200 | 1,285,920 |
| | | 20,609,236 |
| Transportation 17.9% | | |

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| | | |
|---|----------------------|--------------|
| City of Philadelphia Pennsylvania, ARB, Series A, AMT (AGM), 5.00%, 6/15/37 | 7,500 | 7,721,400 |
| City of Philadelphia Pennsylvania, RB, Series A, 5.00%, 6/15/40 | 2,500 | 2,610,100 |
| | Par (000) | Value |
| Municipal Bonds | | |
| Pennsylvania (concluded) | | |
| Transportation (concluded) | | |
| Delaware River Port Authority, RB, Series D (AGM), 5.00%, 1/01/40 | \$ 1,560 | \$ 1,677,000 |
| Pennsylvania Turnpike Commission, RB: 5.00%, 12/01/37 | 705 | 774,196 |
| 5.25%, 12/01/41 | 1,750 | 1,896,580 |
| 5.00%, 12/01/42 | 1,100 | 1,203,334 |
| Series A (AMBAC), 5.50%, 12/01/31 | 7,800 | 8,528,208 |
| Series A (AMBAC), 5.25%, 12/01/32 | 350 | 380,474 |
| Sub-Series A, 6.00%, 12/01/41 | 700 | 777,245 |
| Sub-Series B (AGM), 5.25%, 6/01/39 | 3,500 | 3,812,550 |
| Southeastern Pennsylvania Transportation Authority, RB, Capital Grant Receipts: | | |
| 5.00%, 6/01/28 | 1,570 | 1,753,188 |
| 5.00%, 6/01/29 | 2,080 | 2,315,851 |
| | | 33,450,126 |
| Utilities 18.5% | | |
| Allegheny County Sanitation Authority, Refunding RB, Series A (NPFGC), 5.00%, 12/01/30 | 5,000 | 5,507,200 |
| City of Philadelphia Pennsylvania, RB: 1998 General Ordinance, 4th Series (AGM), 5.00%, 8/01/32 | 3,300 | 3,336,102 |
| Ninth Series, 5.25%, 8/01/40 | 1,430 | 1,483,182 |
| Series A, 5.25%, 1/01/36 | 700 | 756,266 |
| Series C (AGM), 5.00%, 8/01/40 | 3,000 | 3,261,660 |
| Delaware County IDA Pennsylvania, RB, Pennsylvania Suburban Water Co. Project, Series A, AMT (AMBAC), 5.15%, 9/01/32 | 5,500 | 5,582,115 |
| Lycoming County Water & Sewer Authority, RB (AGM), 5.00%, 11/15/41 | 400 | 421,024 |
| Northampton Boro Municipal Authority, RB (NPFGC), 5.00%, 5/15/34 | 935 | 958,122 |
| Pennsylvania Economic Development Financing Authority, RB: American Water Co. Project, 6.20%, 4/01/39 | 1,300 | 1,502,774 |
| Philadelphia Biosolids Facility, 6.25%, 1/01/32 | 1,420 | 1,552,600 |
| Pennsylvania IDA, Refunding RB, Economic Development (AMBAC), 5.50%, 7/01/20 | 7,000 | 7,117,600 |
| Reading Area Water Authority Pennsylvania, RB (AGM), 5.00%, 12/01/27 | 2,680 | 2,904,825 |
| | | 34,383,470 |

Total Municipal Bonds in Pennsylvania

194,379,373

BLACKROCK MUNIYIELD PENNSYLVANIA QUALITY FUND

APRIL 30, 2012

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Schedule of Investments (continued)

BlackRock MuniYield Pennsylvania Quality Fund (MPA)
(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|--|--------------|-------------|
| Municipal Bonds | | |
| Guam 2.3% | | |
| County/City/Special District/School District 0.4% | | |
| Territory of Guam, RB, Section 30, Series A, 5.63%, 12/01/29 | \$ 805 | \$ 853,598 |
| Transportation 1.4% | | |
| Guam International Airport Authority, Refunding RB, Series C, AMT (NPFGC), 5.00%, 10/01/23 | 2,500 | 2,532,125 |
| Utilities 0.5% | | |
| Guam Power Authority, Refunding RB, Series A (AGM), 5.00%, 10/01/37 | 850 | 917,158 |
| Total Municipal Bonds in Guam | | 4,302,881 |
| Puerto Rico 1.3% | | |
| State 0.8% | | |
| Commonwealth of Puerto Rico, GO, Refunding, Public Improvement, Series A-4 (AGM), 5.25%, 7/01/30 | 1,270 | 1,350,797 |
| Utilities 0.5% | | |
| Puerto Rico Electric Power Authority, Refunding RB, Series A, 5.00%, 7/01/42 (d) | 950 | 948,461 |
| Total Municipal Bonds in Puerto Rico | | 2,299,258 |
| Total Municipal Bonds 107.9% | | 200,981,512 |
| Municipal Bonds Transferred to Tender Option Bond (TOB) Trusts (f) | | |
| Pennsylvania 44.8% | | |
| County/City/Special District/School District 5.0% | | |
| Erie County Conventional Center Authority, RB, 5.00%, 1/15/36 | 8,850 | 9,357,190 |
| Education 9.0% | | |
| Pennsylvania Higher Educational Facilities Authority, RB: Series AE (NPFGC), 4.75%, 6/15/32 | 8,845 | 9,234,794 |
| University of Pennsylvania Health System, 5.75%, 8/15/41 | 4,270 | 4,887,655 |
| University of Pittsburgh Pennsylvania, RB, Capital Project, Series B, 5.00%, 9/15/28 | 2,202 | 2,582,801 |
| | | 16,705,250 |
| Health 9.7% | | |
| Geisinger Authority, RB: 5.13%, 6/01/34 | 2,500 | 2,728,350 |
| 5.25%, 6/01/39 | 3,128 | 3,416,101 |
| 5.13%, 6/01/41 | 6,270 | 6,862,703 |
| Philadelphia Hospitals & Higher Education Facilities Authority, 5.00%, | 4,680 | 5,054,681 |

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| 7/01/41 | | 18,061,835 | |
|--|--------------|------------|--------------|
| | Par (000) | Value | |
| Municipal Bonds Transferred to Tender Option Bond (TOB) Trusts (f) | | | |
| Pennsylvania (concluded) | | | |
| Housing 3.9% | | | |
| Pennsylvania HFA, Refunding RB: | | | |
| AMT, 4.70%, 10/01/37 | \$ 2,950 | \$ | 2,968,615 |
| S/F Mortgage, Series 113, 4.85%, 10/01/37 | 4,120 | | 4,252,334 |
| | | | 7,220,949 |
| State 17.2% | | | |
| Commonwealth of Pennsylvania, GO, First Series, 5.00%, 3/15/28 | | | |
| | 5,203 | | 6,102,807 |
| Pennsylvania Turnpike Commission, RB, Series C of 2003 Pennsylvania Turnpike, 5.00%, 12/01/32 | | | |
| | 10,000 | | 10,893,600 |
| State Public School Building Authority, Refunding RB, School District of Philadelphia Project, Series B (AGM), 5.00%, 6/01/26 | | | |
| | 14,026 | | 15,165,125 |
| | | | 32,161,532 |
| | | | 83,506,756 |
| Puerto Rico 3.0% | | | |
| State 3.0% | | | |
| Puerto Rico Sales Tax Financing Corp., Refunding RB, Series C, 5.25%, 8/01/40 | | | |
| | 5,000 | | 5,471,000 |
| Total Municipal Bonds Transferred to Tender Option Bond (TOB) Trusts 47.8% | | | |
| | | | 88,977,756 |
| Total Long-Term Investments (Cost \$272,408,224) 155.7% | | | |
| | | | 289,959,268 |
| Short-Term Securities | | | |
| Shares | | | |
| BIF Pennsylvania Municipal Money Fund, 0.01% (g)(h) | | | |
| | 74,846 | | 74,846 |
| Total Short-Term Securities (Cost \$74,846) 0.0% | | | |
| | | | 74,846 |
| Total Investments (Cost - \$272,483,070*) 155.7% | | | |
| | | | 290,034,114 |
| Other Assets Less Liabilities 5.5% | | | |
| | | | 10,309,286 |
| Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (25.6%) | | | |
| | | | (47,716,835) |
| VRDP Shares, at Liquidation Value (35.6%) | | | |
| | | | (66,300,000) |
| Net Assets Applicable to Common Shares 100.0% | | | |
| | | \$ | 186,326,565 |

Schedule of Investments (continued)

BlackRock MuniYield Pennsylvania Quality Fund (MPA)

* As of April 30, 2012, gross unrealized appreciation and gross unrealized depreciation based on cost for federal income tax purposes were as follows:

| | | |
|-------------------------------|----|-------------|
| Tax cost | \$ | 224,792,899 |
| Gross unrealized appreciation | \$ | 17,569,613 |
| Gross unrealized depreciation | | (28,300) |
| Net unrealized appreciation | \$ | 17,541,313 |

- (a) Variable rate security. Rate shown is as of report date.
- (b) 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.
- (c) Represents a zero-coupon bond. Rate shown reflects the current yield as of report date.
- (d) When-issued security. Unsettled when-issued transactions were as follows:

| Counterparty | Value | Unrealized Appreciation |
|-------------------------------|--------------|----------------------------|
| Bank of America Merrill Lynch | \$ 8,995,054 | \$ 71,656 |
| Morgan Stanley & Co., Inc. | \$ 948,461 | \$ 10,203 |

- (e) Security is collateralized by Municipal or US Treasury obligations.
- (f) Securities represent bonds transferred to a TOB in exchange for which the Fund acquired residual interest certificates. These securities serve as collateral in a financing transaction.
- (g) Investments in companies considered to be an affiliate of the Fund during the period, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

| Affiliate | Shares Held at July 31, 2011 | Net Activity | Shares Held at April 30, 2012 | Income |
|--|------------------------------------|-----------------|-------------------------------------|--------|
| BIF Pennsylvania Municipal Money Fund | 8,744,788 | (8,669,942) | 74,846 | \$ 1 |

- (h) Represents the current yield as of report date.

For Fund compliance purposes, the Fund's sector classifications refer to any one or more of the sector sub-classifications used by one or more widely recognized market indexes or rating group indexes and/or as defined by Fund management. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

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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 Guaranty Corp. |
| AGM | Assured Guaranty Municipal Corp. |
| AMBAC | American Municipal Bond Assurance Corp. |
| AMT | Alternative Minimum Tax (subject to) |
| ARB | Airport Revenue Bonds |
| BHAC | Berkshire Hathaway Assurance Corp. |
| CAB | Capital Appreciation Bonds |
| GO | General Obligation Bonds |
| HFA | Housing Finance Agency |
| IDA | Industrial Development Authority |
| NPFGC | National Public Finance Guarantee Corp. |
| RB | Revenue Bonds |
| S/F | Single-Family |
| Syncora | Syncora Guarantee |

Financial futures contracts sold as of April 30, 2012 were as follows:

| Contracts | Issue | Exchange | Expiration | Notional Value | Unrealized Depreciation |
|-----------|--------------------------|------------------------|------------|----------------|-------------------------|
| 132 | 10-Year US Treasury Note | Chicago Board of Trade | June 2012 | \$ 17,461,125 | \$ (193,095) |

Fair Value Measurements - Various inputs are used in determining the fair value of investments and derivative financial instruments. These inputs 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 and liabilities

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)

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 and other significant accounting policies, please refer to the Fund's most recent financial statements as contained in its semi-annual report.

Schedule of Investments (concluded)

BlackRock MuniYield Pennsylvania Quality Fund (MPA)

The following tables summarize the inputs used as of April 30, 2012 in determining the fair valuation of the Fund's investments and derivative financial instruments:

| Valuation Inputs | Level 1 | Level 2 | Level 3 | Total |
|------------------------------------|-----------|----------------|---------|----------------|
| Assets: | | | | |
| Investments: | | | | |
| Long-Term Investments ¹ | | \$ 289,959,268 | | \$ 289,959,268 |
| Short-Term Securities | \$ 74,846 | | | 74,846 |
| Total | \$ 74,846 | \$ 289,959,268 | | \$ 290,034,114 |

¹ See above Schedule of Investments for values in each sector.

| Valuation Inputs | Level 1 | Level 2 | Level 3 | Total |
|---|--------------|---------|---------|--------------|
| Derivative Financial Instruments² | | | | |
| Interest rate contracts | \$ (193,095) | | | \$ (193,095) |

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

Certain of the Fund's assets and liabilities are held at carrying amount which approximates fair value. Such assets and liabilities are categorized within the disclosure hierarchy as follows:

| Valuation Inputs | Level 1 | Level 2 | Level 3 | Total |
|--|------------|------------------|---------|------------------|
| Assets: | | | | |
| Cash pledged as collateral for financial futures contracts | \$ 146,000 | | | \$ 146,000 |
| Liabilities: | | | | |
| Bank Overdraft | (5,524) | | | (5,524) |
| TOB trust certificates | | \$ (47,699,902) | | (47,699,902) |
| VRDP shares | | (66,300,000) | | (66,300,000) |
| Total | \$ 140,476 | \$ (113,999,902) | | \$ (113,859,426) |

There were no transfers between levels during the period ended April 30, 2012.

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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 Pennsylvania Quality Fund

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

Date: June 22, 2012

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 Pennsylvania Quality Fund

Date: June 22, 2012

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

Date: June 22, 2012

