BLACKROCK MUNIYIELD PENNSYLVANIA 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 811-07136

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: 07/31/2014

Date of reporting period: 10/31/2013

Item 1 Schedule of Investments

Schedule of Investments October 31, 2013 (Unaudited)

BlackRock MuniYield Pennsylvania Quality Fund (MPA)

(Percentages shown are based on Net Assets)

	Par	
Municipal Bonds	(000)	Value
Pennsylvania 117.3%		
Corporate 10.4%		
County of Beaver IDA, Refunding RB, First Energy, Nuclear Energy Corp. Project, Mandatory Put		
Bonds,		
Series A, 3.38%, 1/01/35 (a)	\$ 1,200	\$ 1,220,160
County of Delaware Pennsylvania IDA, Refunding RB, Water Facilities, Aqua Pennsylvania, Inc.		
Project, Series B, AMT (NPFGC), 5.00%, 11/01/36	2,520	2,536,178
County of Northumberland Pennsylvania IDA, Refunding RB, Aqua Pennsylvania, Inc. Project,		
AMT (NPFGC), 5.05%, 10/01/39	4,500	4,509,405
Pennsylvania Economic Development Financing Authority, RB:		
American Water Co. Project, 6.20%, 4/01/39	1,300	1,415,154
Aqua Pennsylvania, Inc. Project, Series B, 4.50%, 12/01/42	3,630	3,493,113
Vaste Management, Inc. Project, Series A, AMT, 5.10%, 10/01/27	1,200	1,228,944
ennsylvania Economic Development Financing Authority, Refunding RB, Amtrak Project, Series		
A, AMT, 5.00%, 11/01/41	3,365	3,218,555
		17,621,509
County/City/Special District/School District 31.1%		17,021,007
Chambersburg Area School District, GO, (NPFGC):		
.25%, 3/01/26	2,115	2,248,330
.25%, 3/01/27	2,500	2,640,525
	2,300	2,040,323
City of Philadelphia Pennsylvania, GO, Refunding, Series A:	5,000	5 004 000
AGM), 5.25%, 12/15/32		5,094,000
AGC), 5.00%, 8/01/24	2,000	2,151,860
City of Pittsburgh Pennsylvania, GO, Series B, 5.00%, 9/01/26	970	1,063,712
County of Lycoming Pennsylvania, GO, Series A, (AGM):	645	577.100
.00%, 8/15/38	645	576,108
.00%, 8/15/42	140	123,130
County of Lycoming Pennsylvania Water & Sewer Authority, RB, (AGM), 5.00%, 11/15/41	400	402,268
7 11 1D 1	Par	** *
Municipal Bonds	(000)	Value
Pennsylvania (continued)		
County/City/Special District/School District (continued)		
County of York Pennsylvania, GO, Refunding, 5.00%, 3/01/36	\$ 400	\$ 412,816
ast Stroudsburg Area School District, GO, Refunding, Series A (AGM), 5.00%, 9/01/25	3,000	3,261,750
East Stroudsburg Area School District, GO, Series A (NPFGC), 7.75%, 9/01/27	2,000	2,368,540
alls Township Authority, RB, Water & Sewer Authority, 5.00%, 12/01/37	1,070	1,105,149
ower Merion School District, GO, Refunding, Series A, 3.25%, 11/15/27	2,035	1,963,795
Marple Newtown School District, GO, (AGM), 5.00%, 6/01/31	3,500	3,772,965
Jortheastern School District York County, GO, Series B (NPFGC), 5.00%, 4/01/32	1,585	1,635,181
hiladelphia Redevelopment Authority, RB, Quality Redevelopment Neighborhood, Series B,		
MT (NPFGC), 5.00%, 4/15/27	4,645	4,822,903
hiladelphia School District, GO, Refunding, (BHAC), 5.00%, 12/06/13	1,000	1,007,540
hiladelphia School District, GO, Series E, 6.00%, 9/01/38	3,300	3,542,253
hilipsburg-Osceola Pennsylvania Area School District, GO (AGM):		
.00%, 4/01/41	755	763,328
eries A, 4.00%, 4/01/35	600	545,172
eries A, 4.00%, 4/01/38	595	510,111
eries A, 4.00%, 4/01/41	225	192,209
haler Area School District Pennsylvania, GO, CAB (Syncora), 4.78%, 9/01/30 (b)	6,145	2,774,529
tate Public School Building Authority, RB (AGM):		
Community College, Allegheny County Project, 5.00%, 7/15/34	1,880	1,946,702
Corry Area School District, CAB, 3.58%, 12/15/22 (b)	1,640	1,187,065
Corry Area School District, CAB, 3.76%, 12/15/23 (b)	1,980	1,358,557
Corry Area School District, CAB, 3.93%, 12/15/24 (b)	1,980	1,284,822
•		1,083,877
Corry Area School District, CAB, 4.09%, 12/15/25 (b)	1,770	1 083 877

BLACKROCK MUNIYIELD PENNSYLVANIA QUALITY FUND

OCTOBER 31, 2013

BlackRock MuniYield Pennsylvania Quality Fund (MPA)

(Percentages shown are based on Net Assets)

	Par		
Municipal Bonds	(000)	Value	
Pennsylvania (continued)			
County/City/Special District/School District (concluded)			
State Public School Building Authority, Refunding RB:			
Harrisburg School District Project, Series A (AGC), 5.00%, 11/15/33	\$ 1,200	\$ 1,232,064	
School District Philadelphia Project, Series B (AGM), 5.00%, 6/01/26	1,500	1,558,485	
		52,629,746	
Education 7.3%			
County of Adams Pennsylvania IDA, Refunding RB, Gettysburg College, 5.00%, 8/15/26	100	107,350	
East Hempfield Township IDA, RB, Student Services, Inc., Student Housing Project at			
Millersville University of Pennsylvania, 5.00%, 7/01/35	385	357,553	
Pennsylvania Higher Educational Facilities Authority, RB:			
Drexel University, Series A (NPFGC), 5.00%, 5/01/37	1,500	1,514,520	
Shippensburg University Student Services, Student Housing, 5.00%, 10/01/44	1,195	1,082,025	
Pennsylvania Higher Educational Facilities Authority, Refunding RB:			
Drexel University, Series A, 5.25%, 5/01/41	2,750	2,851,722	
La Salle University, 5.00%, 5/01/37	765	733,375	
State System of Higher Education, Series AL, 5.00%, 6/15/35	1,780	1,851,058	
Thomas Jefferson University, 4.00%, 3/01/37	375	333,608	
Thomas Jefferson University, 5.00%, 3/01/42	310	314,625	
Widener University, Series A, 5.25%, 7/15/33 (c)	1,360	1,342,578	
Widener University, Series A, 5.50%, 7/15/38 (c)	1,020	1,005,006	
Swarthmore Borough Authority, Refunding RB, Swarthmore College Project, 5.00%, 9/15/38	830	877,667	
		12,371,087	
	Par		
M - 11 - 1D - 1			
Municipal Bonds	(000)	Value	
Pennsylvania (continued)	(000)	Value	
	(000)	Value	
Pennsylvania (continued)	(000)		
Pennsylvania (continued) Health 21.7% Allegheny County Hospital Development Authority, RB, Health Center, UPMC Health, Series B (NPFGC), 6.00%, 7/01/26	\$ 2,000	\$ 2,401,000	
Pennsylvania (continued) Health 21.7% Allegheny County Hospital Development Authority, RB, Health Center, UPMC Health, Series B (NPFGC), 6.00%, 7/01/26 Centre County Hospital Authority, RB, Mount Nittany Medical Center Project, 7.00%, 11/15/46			
Pennsylvania (continued) Health 21.7% Allegheny County Hospital Development Authority, RB, Health Center, UPMC Health, Series B (NPFGC), 6.00%, 7/01/26 Centre County Hospital Authority, RB, Mount Nittany Medical Center Project, 7.00%, 11/15/46 County of Berks Pennsylvania Municipal Authority, Refunding RB, Reading Hospital &	\$ 2,000 2,020	\$ 2,401,000 2,297,588	
Pennsylvania (continued) Health 21.7% Allegheny County Hospital Development Authority, RB, Health Center, UPMC Health, Series B (NPFGC), 6.00%, 7/01/26 Centre County Hospital Authority, RB, Mount Nittany Medical Center Project, 7.00%, 11/15/46 County of Berks Pennsylvania Municipal Authority, Refunding RB, Reading Hospital & Medical Center, Series A, 5.00%, 11/01/40	\$ 2,000	\$ 2,401,000	
Pennsylvania (continued) Health 21.7% Allegheny County Hospital Development Authority, RB, Health Center, UPMC Health, Series B (NPFGC), 6.00%, 7/01/26 Centre County Hospital Authority, RB, Mount Nittany Medical Center Project, 7.00%, 11/15/46 County of Berks Pennsylvania Municipal Authority, Refunding RB, Reading Hospital & Medical Center, Series A, 5.00%, 11/01/40 County of Cumberland Pennsylvania Municipal Authority, Refunding RB, Diakon Lutheran,	\$ 2,000 2,020 765	\$ 2,401,000 2,297,588 759,393	
Pennsylvania (continued) Health 21.7% Allegheny County Hospital Development Authority, RB, Health Center, UPMC Health, Series B (NPFGC), 6.00%, 7/01/26 Centre County Hospital Authority, RB, Mount Nittany Medical Center Project, 7.00%, 11/15/46 County of Berks Pennsylvania Municipal Authority, Refunding RB, Reading Hospital & Medical Center, Series A, 5.00%, 11/01/40 County of Cumberland Pennsylvania Municipal Authority, Refunding RB, Diakon Lutheran, 6.38%, 1/01/39	\$ 2,000 2,020	\$ 2,401,000 2,297,588	
Pennsylvania (continued) Health 21.7% Allegheny County Hospital Development Authority, RB, Health Center, UPMC Health, Series B (NPFGC), 6.00%, 7/01/26 Centre County Hospital Authority, RB, Mount Nittany Medical Center Project, 7.00%, 11/15/46 County of Berks Pennsylvania Municipal Authority, Refunding RB, Reading Hospital & Medical Center, Series A, 5.00%, 11/01/40 County of Cumberland Pennsylvania Municipal Authority, Refunding RB, Diakon Lutheran, 6.38%, 1/01/39 County of Lehigh Pennsylvania, RB, Lehigh Valley Health Network, Series A (AGM), 5.00%,	\$ 2,000 2,020 765 500	\$ 2,401,000 2,297,588 759,393 527,435	
Pennsylvania (continued) Health 21.7% Allegheny County Hospital Development Authority, RB, Health Center, UPMC Health, Series B (NPFGC), 6.00%, 7/01/26 Centre County Hospital Authority, RB, Mount Nittany Medical Center Project, 7.00%, 11/15/46 County of Berks Pennsylvania Municipal Authority, Refunding RB, Reading Hospital & Medical Center, Series A, 5.00%, 11/01/40 County of Cumberland Pennsylvania Municipal Authority, Refunding RB, Diakon Lutheran, 6.38%, 1/01/39 County of Lehigh Pennsylvania, RB, Lehigh Valley Health Network, Series A (AGM), 5.00%, 7/01/33	\$ 2,000 2,020 765	\$ 2,401,000 2,297,588 759,393	
Pennsylvania (continued) Health 21.7% Allegheny County Hospital Development Authority, RB, Health Center, UPMC Health, Series B (NPFGC), 6.00%, 7/01/26 Centre County Hospital Authority, RB, Mount Nittany Medical Center Project, 7.00%, 11/15/46 County of Berks Pennsylvania Municipal Authority, Refunding RB, Reading Hospital & Medical Center, Series A, 5.00%, 11/01/40 County of Cumberland Pennsylvania Municipal Authority, Refunding RB, Diakon Lutheran, 6.38%, 1/01/39 County of Lehigh Pennsylvania, RB, Lehigh Valley Health Network, Series A (AGM), 5.00%, 7/01/33 County of Montgomery Pennsylvania Higher Education & Health Authority, Refunding RB,	\$ 2,000 2,020 765 500 7,995	\$ 2,401,000 2,297,588 759,393 527,435 8,067,275	
Pennsylvania (continued) Health 21.7% Allegheny County Hospital Development Authority, RB, Health Center, UPMC Health, Series B (NPFGC), 6.00%, 7/01/26 Centre County Hospital Authority, RB, Mount Nittany Medical Center Project, 7.00%, 11/15/46 County of Berks Pennsylvania Municipal Authority, Refunding RB, Reading Hospital & Medical Center, Series A, 5.00%, 11/01/40 County of Cumberland Pennsylvania Municipal Authority, Refunding RB, Diakon Lutheran, 6.38%, 1/01/39 County of Lehigh Pennsylvania, RB, Lehigh Valley Health Network, Series A (AGM), 5.00%, 7/01/33 County of Montgomery Pennsylvania Higher Education & Health Authority, Refunding RB, Abington Memorial Hospital, Series A, 5.13%, 6/01/33	\$ 2,000 2,020 765 500	\$ 2,401,000 2,297,588 759,393 527,435	
Pennsylvania (continued) Health 21.7% Allegheny County Hospital Development Authority, RB, Health Center, UPMC Health, Series B (NPFGC), 6.00%, 7/01/26 Centre County Hospital Authority, RB, Mount Nittany Medical Center Project, 7.00%, 11/15/46 County of Berks Pennsylvania Municipal Authority, Refunding RB, Reading Hospital & Medical Center, Series A, 5.00%, 11/01/40 County of Cumberland Pennsylvania Municipal Authority, Refunding RB, Diakon Lutheran, 6.38%, 1/01/39 County of Lehigh Pennsylvania, RB, Lehigh Valley Health Network, Series A (AGM), 5.00%, 7/01/33 County of Montgomery Pennsylvania Higher Education & Health Authority, Refunding RB, Abington Memorial Hospital, Series A, 5.13%, 6/01/33 County of Montgomery Pennsylvania IDA, RB, Acts Retirement-Life Community:	\$ 2,000 2,020 765 500 7,995 490	\$ 2,401,000 2,297,588 759,393 527,435 8,067,275 497,938	
Pennsylvania (continued) Health 21.7% Allegheny County Hospital Development Authority, RB, Health Center, UPMC Health, Series B (NPFGC), 6.00%, 7/01/26 Centre County Hospital Authority, RB, Mount Nittany Medical Center Project, 7.00%, 11/15/46 County of Berks Pennsylvania Municipal Authority, Refunding RB, Reading Hospital & Medical Center, Series A, 5.00%, 11/01/40 County of Cumberland Pennsylvania Municipal Authority, Refunding RB, Diakon Lutheran, 6.38%, 1/01/39 County of Lehigh Pennsylvania, RB, Lehigh Valley Health Network, Series A (AGM), 5.00%, 7/01/33 County of Montgomery Pennsylvania Higher Education & Health Authority, Refunding RB, Abington Memorial Hospital, Series A, 5.13%, 6/01/33 County of Montgomery Pennsylvania IDA, RB, Acts Retirement-Life Community: Series A, 4.50%, 11/15/36	\$ 2,000 2,020 765 500 7,995 490	\$ 2,401,000 2,297,588 759,393 527,435 8,067,275 497,938 251,921	
Pennsylvania (continued) Health 21.7% Allegheny County Hospital Development Authority, RB, Health Center, UPMC Health, Series B (NPFGC), 6.00%, 7/01/26 Centre County Hospital Authority, RB, Mount Nittany Medical Center Project, 7.00%, 11/15/46 County of Berks Pennsylvania Municipal Authority, Refunding RB, Reading Hospital & Medical Center, Series A, 5.00%, 11/01/40 County of Cumberland Pennsylvania Municipal Authority, Refunding RB, Diakon Lutheran, 6.38%, 1/01/39 County of Lehigh Pennsylvania, RB, Lehigh Valley Health Network, Series A (AGM), 5.00%, 7/01/33 County of Montgomery Pennsylvania Higher Education & Health Authority, Refunding RB, Abington Memorial Hospital, Series A, 5.13%, 6/01/33 County of Montgomery Pennsylvania IDA, RB, Acts Retirement-Life Community: Series A, 4.50%, 11/15/36 Series A-1, 6.25%, 11/15/29	\$ 2,000 2,020 765 500 7,995 490	\$ 2,401,000 2,297,588 759,393 527,435 8,067,275 497,938	
Pennsylvania (continued) Health 21.7% Allegheny County Hospital Development Authority, RB, Health Center, UPMC Health, Series B (NPFGC), 6.00%, 7/01/26 Centre County Hospital Authority, RB, Mount Nittany Medical Center Project, 7.00%, 11/15/46 County of Berks Pennsylvania Municipal Authority, Refunding RB, Reading Hospital & Medical Center, Series A, 5.00%, 11/01/40 County of Cumberland Pennsylvania Municipal Authority, Refunding RB, Diakon Lutheran, 6.38%, 1/01/39 County of Lehigh Pennsylvania, RB, Lehigh Valley Health Network, Series A (AGM), 5.00%, 7/01/33 County of Montgomery Pennsylvania Higher Education & Health Authority, Refunding RB, Abington Memorial Hospital, Series A, 5.13%, 6/01/33 County of Montgomery Pennsylvania IDA, RB, Acts Retirement-Life Community: Series A, 4.50%, 11/15/36 Series A-1, 6.25%, 11/15/29 County of Montgomery Pennsylvania IDA, Refunding RB, Acts Retirement-Life Communities:	\$ 2,000 2,020 765 500 7,995 490 295 235	\$ 2,401,000 2,297,588 759,393 527,435 8,067,275 497,938 251,921 249,516	
Pennsylvania (continued) Health 21.7% Allegheny County Hospital Development Authority, RB, Health Center, UPMC Health, Series B (NPFGC), 6.00%, 7/01/26 Centre County Hospital Authority, RB, Mount Nittany Medical Center Project, 7.00%, 11/15/46 County of Berks Pennsylvania Municipal Authority, Refunding RB, Reading Hospital & Medical Center, Series A, 5.00%, 11/01/40 County of Cumberland Pennsylvania Municipal Authority, Refunding RB, Diakon Lutheran, 6.38%, 1/01/39 County of Lehigh Pennsylvania, RB, Lehigh Valley Health Network, Series A (AGM), 5.00%, 7/01/33 County of Montgomery Pennsylvania Higher Education & Health Authority, Refunding RB, Abington Memorial Hospital, Series A, 5.13%, 6/01/33 County of Montgomery Pennsylvania IDA, RB, Acts Retirement-Life Community: Series A, 4.50%, 11/15/36 Series A-1, 6.25%, 11/15/29 County of Montgomery Pennsylvania IDA, Refunding RB, Acts Retirement-Life Communities: 5.00%, 11/15/27	\$ 2,000 2,020 765 500 7,995 490 295 235 690	\$ 2,401,000 2,297,588 759,393 527,435 8,067,275 497,938 251,921 249,516 691,056	
Pennsylvania (continued) Health 21.7% Allegheny County Hospital Development Authority, RB, Health Center, UPMC Health, Series B (NPFGC), 6.00%, 7/01/26 Centre County Hospital Authority, RB, Mount Nittany Medical Center Project, 7.00%, 11/15/46 County of Berks Pennsylvania Municipal Authority, Refunding RB, Reading Hospital & Medical Center, Series A, 5.00%, 11/01/40 County of Cumberland Pennsylvania Municipal Authority, Refunding RB, Diakon Lutheran, 6.38%, 1/01/39 County of Lehigh Pennsylvania, RB, Lehigh Valley Health Network, Series A (AGM), 5.00%, 7/01/33 County of Montgomery Pennsylvania Higher Education & Health Authority, Refunding RB, Abington Memorial Hospital, Series A, 5.13%, 6/01/33 County of Montgomery Pennsylvania IDA, RB, Acts Retirement-Life Community: Series A, 4.50%, 11/15/36 Series A-1, 6.25%, 11/15/29 County of Montgomery Pennsylvania IDA, Refunding RB, Acts Retirement-Life Communities: 5.00%, 11/15/27 5.00%, 11/15/28	\$ 2,000 2,020 765 500 7,995 490 295 235 690 445	\$ 2,401,000 2,297,588 759,393 527,435 8,067,275 497,938 251,921 249,516 691,056 438,979	
Pennsylvania (continued) Health 21.7% Allegheny County Hospital Development Authority, RB, Health Center, UPMC Health, Series B (NPFGC), 6.00%, 7/01/26 Centre County Hospital Authority, RB, Mount Nittany Medical Center Project, 7.00%, 11/15/46 County of Berks Pennsylvania Municipal Authority, Refunding RB, Reading Hospital & Medical Center, Series A, 5.00%, 11/01/40 County of Cumberland Pennsylvania Municipal Authority, Refunding RB, Diakon Lutheran, 6.38%, 1/01/39 County of Lehigh Pennsylvania, RB, Lehigh Valley Health Network, Series A (AGM), 5.00%, 7/01/33 County of Montgomery Pennsylvania Higher Education & Health Authority, Refunding RB, Abington Memorial Hospital, Series A, 5.13%, 6/01/33 County of Montgomery Pennsylvania IDA, RB, Acts Retirement-Life Community: Series A, 4.50%, 11/15/29 County of Montgomery Pennsylvania IDA, Refunding RB, Acts Retirement-Life Communities: 5.00%, 11/15/27 5.00%, 11/15/28 5.00%, 11/15/29	\$ 2,000 2,020 765 500 7,995 490 295 235 690 445 150	\$ 2,401,000 2,297,588 759,393 527,435 8,067,275 497,938 251,921 249,516 691,056 438,979 147,079	
Pennsylvania (continued) Health 21.7% Allegheny County Hospital Development Authority, RB, Health Center, UPMC Health, Series B (NPFGC), 6.00%, 7/01/26 Centre County Hospital Authority, RB, Mount Nittany Medical Center Project, 7.00%, 11/15/46 County of Berks Pennsylvania Municipal Authority, Refunding RB, Reading Hospital & Medical Center, Series A, 5.00%, 11/01/40 County of Cumberland Pennsylvania Municipal Authority, Refunding RB, Diakon Lutheran, 6.38%, 1/01/39 County of Lehigh Pennsylvania, RB, Lehigh Valley Health Network, Series A (AGM), 5.00%, 7/01/33 County of Montgomery Pennsylvania Higher Education & Health Authority, Refunding RB, Abington Memorial Hospital, Series A, 5.13%, 6/01/33 County of Montgomery Pennsylvania IDA, RB, Acts Retirement-Life Community: Series A, 4.50%, 11/15/29 County of Montgomery Pennsylvania IDA, Refunding RB, Acts Retirement-Life Communities: 5.00%, 11/15/27 5.00%, 11/15/28 5.00%, 11/15/29 Geisinger Authority Pennsylvania, RB, Health System, Series A-1, 5.13%, 6/01/41	\$ 2,000 2,020 765 500 7,995 490 295 235 690 445	\$ 2,401,000 2,297,588 759,393 527,435 8,067,275 497,938 251,921 249,516 691,056 438,979	
Pennsylvania (continued) Health 21.7% Allegheny County Hospital Development Authority, RB, Health Center, UPMC Health, Series B (NPFGC), 6.00%, 7/01/26 Centre County Hospital Authority, RB, Mount Nittany Medical Center Project, 7.00%, 11/15/46 County of Berks Pennsylvania Municipal Authority, Refunding RB, Reading Hospital & Medical Center, Series A, 5.00%, 11/01/40 County of Cumberland Pennsylvania Municipal Authority, Refunding RB, Diakon Lutheran, 6.38%, 1/01/39 County of Lehigh Pennsylvania, RB, Lehigh Valley Health Network, Series A (AGM), 5.00%, 7/01/33 County of Montgomery Pennsylvania Higher Education & Health Authority, Refunding RB, Abington Memorial Hospital, Series A, 5.13%, 6/01/33 County of Montgomery Pennsylvania IDA, RB, Acts Retirement-Life Community: Series A, 4.50%, 11/15/29 County of Montgomery Pennsylvania IDA, Refunding RB, Acts Retirement-Life Communities: 5.00%, 11/15/27 5.00%, 11/15/28 5.00%, 11/15/29 Geisinger Authority Pennsylvania, RB, Health System, Series A-1, 5.13%, 6/01/41 Pennsylvania Higher Educational Facilities Authority, RB, University of Pennsylvania Health	\$ 2,000 2,020 765 500 7,995 490 295 235 690 445 150	\$ 2,401,000 2,297,588 759,393 527,435 8,067,275 497,938 251,921 249,516 691,056 438,979 147,079	
Pennsylvania (continued) Health 21.7% Allegheny County Hospital Development Authority, RB, Health Center, UPMC Health, Series B (NPFGC), 6.00%, 7/01/26 Centre County Hospital Authority, RB, Mount Nittany Medical Center Project, 7.00%, 11/15/46 County of Berks Pennsylvania Municipal Authority, Refunding RB, Reading Hospital & Medical Center, Series A, 5.00%, 11/01/40 County of Cumberland Pennsylvania Municipal Authority, Refunding RB, Diakon Lutheran, 6.38%, 1/01/39 County of Lehigh Pennsylvania, RB, Lehigh Valley Health Network, Series A (AGM), 5.00%, 7/01/33 County of Montgomery Pennsylvania Higher Education & Health Authority, Refunding RB, Abington Memorial Hospital, Series A, 5.13%, 6/01/33 County of Montgomery Pennsylvania IDA, RB, Acts Retirement-Life Community: Series A, 4.50%, 11/15/36 Series A-1, 6.25%, 11/15/29 County of Montgomery Pennsylvania IDA, Refunding RB, Acts Retirement-Life Communities: 5.00%, 11/15/27 5.00%, 11/15/29 Geisinger Authority Pennsylvania, RB, Health System, Series A-1, 5.13%, 6/01/41 Pennsylvania Higher Educational Facilities Authority, RB, University of Pennsylvania Health System, Series A,	\$ 2,000 2,020 765 500 7,995 490 295 235 690 445 150 6,270	\$ 2,401,000 2,297,588 759,393 527,435 8,067,275 497,938 251,921 249,516 691,056 438,979 147,079 6,394,021	
Pennsylvania (continued) Health 21.7% Allegheny County Hospital Development Authority, RB, Health Center, UPMC Health, Series B (NPFGC), 6.00%, 7/01/26 Centre County Hospital Authority, RB, Mount Nittany Medical Center Project, 7.00%, 11/15/46 County of Berks Pennsylvania Municipal Authority, Refunding RB, Reading Hospital & Medical Center, Series A, 5.00%, 11/01/40 County of Cumberland Pennsylvania Municipal Authority, Refunding RB, Diakon Lutheran, 6.38%, 1/01/39 County of Lehigh Pennsylvania, RB, Lehigh Valley Health Network, Series A (AGM), 5.00%, 7/01/33 County of Montgomery Pennsylvania Higher Education & Health Authority, Refunding RB, Abington Memorial Hospital, Series A, 5.13%, 6/01/33 County of Montgomery Pennsylvania IDA, RB, Acts Retirement-Life Community: Series A, 4.50%, 11/15/29 County of Montgomery Pennsylvania IDA, Refunding RB, Acts Retirement-Life Communities: 5.00%, 11/15/27 5.00%, 11/15/29 Geisinger Authority Pennsylvania, RB, Health System, Series A-1, 5.13%, 6/01/41 Pennsylvania Higher Educational Facilities Authority, RB, University of Pennsylvania Health System, Series A, 4.00%, 8/15/39	\$ 2,000 2,020 765 500 7,995 490 295 235 690 445 150	\$ 2,401,000 2,297,588 759,393 527,435 8,067,275 497,938 251,921 249,516 691,056 438,979 147,079	
Pennsylvania (continued) Health 21.7% Allegheny County Hospital Development Authority, RB, Health Center, UPMC Health, Series B (NPFGC), 6.00%, 7/01/26 Centre County Hospital Authority, RB, Mount Nittany Medical Center Project, 7.00%, 11/15/46 County of Berks Pennsylvania Municipal Authority, Refunding RB, Reading Hospital & Medical Center, Series A, 5.00%, 11/01/40 County of Cumberland Pennsylvania Municipal Authority, Refunding RB, Diakon Lutheran, 6.38%, 1/01/39 County of Lehigh Pennsylvania, RB, Lehigh Valley Health Network, Series A (AGM), 5.00%, 7/01/33 County of Montgomery Pennsylvania Higher Education & Health Authority, Refunding RB, Abington Memorial Hospital, Series A, 5.13%, 6/01/33 County of Montgomery Pennsylvania IDA, RB, Acts Retirement-Life Community: Series A, 4.50%, 11/15/36 Series A-1, 6.25%, 11/15/29 County of Montgomery Pennsylvania IDA, Refunding RB, Acts Retirement-Life Communities: 5.00%, 11/15/27 5.00%, 11/15/28 5.00%, 11/15/29 Geisinger Authority Pennsylvania, RB, Health System, Series A-1, 5.13%, 6/01/41 Pennsylvania Higher Educational Facilities Authority, RB, University of Pennsylvania Health System, Series A, 4.00%, 8/15/39 Philadelphia Hospitals & Higher Education Facilities Authority, Refunding RB, Presbyterian	\$ 2,000 2,020 765 500 7,995 490 295 235 690 445 150 6,270	\$ 2,401,000 2,297,588 759,393 527,435 8,067,275 497,938 251,921 249,516 691,056 438,979 147,079 6,394,021	
Pennsylvania (continued) Health 21.7% Allegheny County Hospital Development Authority, RB, Health Center, UPMC Health, Series B (NPFGC), 6.00%, 7/01/26 Centre County Hospital Authority, RB, Mount Nittany Medical Center Project, 7.00%, 11/15/46 County of Berks Pennsylvania Municipal Authority, Refunding RB, Reading Hospital & Medical Center, Series A, 5.00%, 11/01/40 County of Cumberland Pennsylvania Municipal Authority, Refunding RB, Diakon Lutheran, 6.38%, 1/01/39 County of Lehigh Pennsylvania, RB, Lehigh Valley Health Network, Series A (AGM), 5.00%, 7/01/33 County of Montgomery Pennsylvania Higher Education & Health Authority, Refunding RB, Abington Memorial Hospital, Series A, 5.13%, 6/01/33 County of Montgomery Pennsylvania IDA, RB, Acts Retirement-Life Community: Series A, 4.50%, 11/15/29 County of Montgomery Pennsylvania IDA, Refunding RB, Acts Retirement-Life Communities: 5.00%, 11/15/27 5.00%, 11/15/29 Geisinger Authority Pennsylvania, RB, Health System, Series A-1, 5.13%, 6/01/41 Pennsylvania Higher Educational Facilities Authority, RB, University of Pennsylvania Health System, Series A, 4.00%, 8/15/39	\$ 2,000 2,020 765 500 7,995 490 295 235 690 445 150 6,270	\$ 2,401,000 2,297,588 759,393 527,435 8,067,275 497,938 251,921 249,516 691,056 438,979 147,079 6,394,021	

BlackRock MuniYield Pennsylvania Quality Fund (MPA)

(Percentages shown are based on Net Assets)

	Par	
Municipal Bonds	(000)	Value
Pennsylvania (continued)		
Health (concluded)		
Saint Mary Hospital Authority, Refunding RB, Catholic Health East, Series A:		
5.00%, 11/15/26	\$ 1,325	\$ 1,403,095
5.00%, 11/15/27	945	993,337
South Fork Municipal Authority, Refunding RB, Conemaugh Valley Memorial Hospital,		
Series B (AGC),		
5.38%, 7/01/35	2,000	2,062,500
		36,771,341
Housing 9.6%		30,771,311
Pennsylvania HFA, RB, S/F Mortgage, Series 114-C:		
3.65%, 10/01/37	1,915	1,575,203
3.70%, 10/01/42	3,435	2,786,575
Pennsylvania HFA, Refunding RB, S/F Mortgage:	5,455	2,700,373
Series 92-A, AMT, 4.75%, 4/01/31	600	600,630
Series 96-A, AMT, 4.75%, 4/01/31	2,735	2,621,169
Series 99-A, AMT, 4.70%, 10/01/37 Series 99-A, AMT, 5.15%, 4/01/38	855	
		874,152 724,350
Series 110-B, 4.75%, 10/01/39	705	724,359
Series 113, 4.85%, 10/01/37	4,125	4,078,759
Philadelphia Housing Authority, RB, Capital Fund Program, Series A (AGM), 5.50%, 12/01/18	3,000	3,011,670
		16,272,517
State 7.5%		
Commonwealth of Pennsylvania, GO, 1st Series:		
5.00%, 11/15/24	1,000	1,159,920
5.00%, 4/01/26	1,540	1,778,731
5.00%, 6/01/28	4,800	5,356,080
Pennsylvania Economic Development Financing Authority, Refunding RB, Unemployment		
Compensation, Series B, 5.00%, 7/01/23	600	637,764
Pennsylvania Turnpike Commission, RB, Oil Franchise Tax, Remarketing, Series C (NPFGC),		35.,, 3
5.00%, 12/01/32	3,600	3,725,748
,	-,	2,. 22,
		12 (59 242
	Par	12,658,243
	гаг	
Municipal Bonds	(000)	Value
Pennsylvania (continued)		
Fransportation 18.7%		
City of Philadelphia Pennsylvania, ARB, Series A:		
5.00%, 6/15/40	\$ 2,500	\$ 2,511,050
AMT (AGM), 5.00%, 6/15/37	5,595	5,563,948
Delaware River Port Authority, RB, Series D (AGM),		
5.00%, 1/01/40	1,560	1,608,282
Pennsylvania Turnpike Commission, RB:		
Motor License Fund, Enhanced Turnpike, Special Sub-Series A, 5.00%, 12/01/37	705	724,310
Motor License Fund, Enhanced Turnpike, Special Sub-Series A, 5.00%, 12/01/42	2,100	2,141,874
Senior Lien, Series A, 5.00%, 12/01/42	2,500	2,543,725
Series A (AMBAC), 5.25%, 12/01/32	350	353,136
Series A (AMBAC), 5.50%, 12/01/31	7,800	8,076,432
Sub-Series A, 6.00%, 12/01/41	700	759,031
Pennsylvania Turnpike Commission, Refunding RB, Sub-Series B (AGM), 5.25%, 6/01/39	3,500	3,574,480
Southeastern Pennsylvania Transportation Authority, RB, Capital Grant Receipts:	5,500	5,571,100
5.00%, 6/01/28	1,570	1,658,108
5.00%, 6/01/29	2,080	2,177,406
7.00 //, VIVII 47	2,000	2,177,700
		31,691,782
Utilities 11.0%		

Allegheny County Sanitary Authority, Refunding RB, Series A (NPFGC), 5.00%, 12/01/30	5,000	5,246,950	
City of Philadelphia Pennsylvania Gas Works, RB:			
1998 General Ordinance, 4th Series (AGM), 5.00%, 8/01/32	3,300	3,299,901	
Ninth Series, 5.25%, 8/01/40	1,430	1,437,136	
City of Philadelphia Pennsylvania Water & Wastewater, RB:			
Series A, 5.25%, 1/01/36	700	734,111	
Series C (AGM), 5.00%, 8/01/40	3,000	3,051,330	

BLACKROCK MUNIYIELD PENNSYLVANIA QUALITY FUND

OCTOBER 31, 2013

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BlackRock MuniYield Pennsylvania Quality Fund (MPA)

(Percentages shown are based on Net Assets)

	Par		
Municipal Bonds	(000)	Value	
Pennsylvania (concluded)	(000)		
Utilities (concluded)			
County of Bucks Pennsylvania Water & Sewer Authority, RB, Water System (AGM), 5.00%, 12/01/41	\$ 150	\$ 154,824	
Delaware County Regional Water Quality Control Authority, RB, Sewer Improvements, 5.00%, 5/01/33	350	369,222	
Pennsylvania Economic Development Financing Authority, RB, Philadelphia Biosolids Facility, 6.25%, 1/01/32	1,420	1,416,947	
Reading Area Water Auhtority Pennsylvania, RB, (AGM), 5.00%, 12/01/27	2,680	2,832,921	
Total Municipal Bonds in Pennsylvania		18,543,342 198,559,567	
Total Municipal Bonds in Femisylvania		190,339,307	
Guam 0.5% State 0.5%			
Territory of Guam Limited Obligation Bonds, RB, Section 30, Series A, 5.63%, 12/01/29	805	842,666	
Total Municipal Bonds 117.8%	805	199,402,233	
Municipal Bonds Transferred to Tender Option Bond (TOB) Trusts (e)			
Pennsylvania 40.6%			
County/City/Special District/School District 5.2%			
Eric County Conventional Center Authority, RB, 5.00%, 1/15/36 Education 9.4%	8,850	8,874,940	
Pennsylvania Higher Educational Facilities Authority, RB:			
Series AE (NPFGC), 4.75%, 6/15/32	8,845	8,866,129	
University of Pennsylvania Health System, Series A, 5.75%, 8/15/41	4,270	4,525,004	
University of Pittsburgh, RB, The Commonwealth System of Higher Education, Capital Project, Series B,			
5.00%, 9/15/28	2,202	2,431,296	
		15,822,429	
	Par	10,022,123	
Municipal Bonds Transferred to Tender Option Bond (TOB) Trusts (e) Pennsylvania (concluded)	(000)	Value	
Health 6.2%			
Geisinger Authority Pennsylvania, RB, Health System, Series A:	\$ 2.500	¢ 2562650	
5.13%, 6/01/34 5.25%, 6/01/39	\$ 2,500 3,128	\$ 2,562,650 3,207,192	
Philadelphia Hospitals & Higher Education Facilities Authority, RB, The Children's Hospital of	3,126	3,207,192	
Philadelphia Project, Series C, 5.00%, 7/01/41	4,680	4,760,169	
		10,530,011	
Housing 1.6%			
Pennsylvania HFA, Refunding RB, S/F Mortgage, Series 115A, AMT, 4.20%, 10/01/33 State 18.2%	3,000	2,706,420	
Commonwealth of Pennsylvania, GO, Series 1, 5.00%, 3/15/28	5,203	5,840,586	
Pennsylvania Turnpike Commission, RB, Oil Franchise Tax, Senior Series C (NPFGC), 5.00%, 12/01/32	10,000	10,349,300	
State Public School Building Authority, Refunding RB, School Distric of Philadelphia Project, Series B (AGM),			
5.00%, 6/01/26	14,026	14,573,129	

30,763,015

Total Municipal Bonds Transferred to	
Tender Option Bond (TOB) Trusts 40.6%	68,696,815
Total Long-Term Investments	
(Cost \$265,885,890) 158.4%	268,099,048

Short-Term Securities	Shares	
BIF Pennsylvania Municipal Money Fund, 0.00% (f)(g)	8,062,502	8,062,502
Total Short-Term Securities		
(Cost \$8,062,502) 4.7%		8,062,502

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BlackRock MuniYield Pennsylvania Quality Fund (MPA)

(Percentages shown are based on Net Assets)

	Value
Total Investments	
(Cost \$273,948,392*) 163.1%	\$ 276,161,550
Liabilities in Excess of Other Assets (0.9)%	(1,529,827)
Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (23.0%)	(39,010,407)
VRDP Shares, at Liquidation Value (39.2%)	(66,300,000)
Net Assets Applicable to Common Shares 100.0%	\$ 169,321,316

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

Tax cost	\$ 235,813,615
Gross unrealized appreciation Gross unrealized depreciation	\$ 6,583,162 (5,234,880)
Net unrealized appreciation	\$ 1,348,282

Notes to Schedule of Investments

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

Unrealized

Counterparty	Value	Appreciatio	n
Bank of America N.A.	\$ 2,347,584	\$ 15,24	16

- (d) Security is collateralized by municipal or US Treasury obligations.
- (e) Represent bonds transferred to a TOB. In exchange the Fund acquired residual interest certificates. These bonds serve as collateral in a financing transaction.
- (f) 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:

Shares Held

Shares Held at July 31, Net at October 31,

 Affiliate
 2013
 Activity
 2013
 Income

 BIF Pennsylvania Municipal Money Fund
 3,198,164
 4,864,338
 8,062,502

(g) Represents the current yield as of report date.

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.
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

BLACKROCK MUNIYIELD PENNSYLVANIA QUALITY FUND

OCTOBER 31, 2013

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BlackRock MuniYield Pennsylvania Quality Fund (MPA)

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.

Fair Value Measurements Various inputs are used in determining the fair value of investments. 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 Funds own assumptions used in determining the fair value of investments)

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 is based on the pricing transparency of the investment 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, please refer to the Fund s most recent financial statements as contained in its annual report.

The following table summarizes the Fund s investments categorized in the disclosure hierarchy as of October 31, 2013:

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Long-Term Investments ¹		\$ 268,099,048		\$ 268,099,048
Short-Term Securities	\$ 8,062,502			8,062,502
Total	\$ 8,062,502	\$ 268,099,048		\$ 276,161,550

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BLACKROCK MUNIYIELD PENNSYLVANIA QUALITY FUND

OCTOBER 31, 2013

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

Schedule of Investments (concluded)

BlackRock MuniYield Pennsylvania Quality Fund (MPA)

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	\$ 57,962			\$	57,962
Liabilities:					
TOB trust certificates		\$ (38,999,653)		(38	8,999,653)
VRDP Shares		(66,300,000)		(6	6,300,000)
Total	\$ 57,962	\$ (105,299,653)		\$ (10:	5,241,691)

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

BLACKROCK MUNIYIELD PENNSYLVANIA QUALITY FUND

OCTOBER 31, 2013

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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: 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 Pennsylvania Quality Fund

Date: December 23, 2013

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

Date: December 23, 2013