

BLACKROCK MUNIYIELD PENNSYLVANIA QUALITY FUND

Form NSAR-B

September 29, 2011

PAGE 1  
000 B000000 07/31/2011  
000 C000000 0000891038  
000 D000000 N  
000 E000000 NF  
000 F000000 Y  
000 G000000 N  
000 H000000 N  
000 I000000 6.1  
000 J000000 A  
001 A000000 BLACKROCK MUNIYIELD PENNSYLVANIA QUALITY FUND  
001 B000000 811-07136  
001 C000000 8004417762  
002 A000000 100 BELLEVUE PARKWAY  
002 B000000 WILMINGTON  
002 C000000 DE  
002 D010000 19809  
003 000000 N  
004 000000 N  
005 000000 N  
006 000000 N  
007 A000000 N  
007 B000000 0  
007 C010100 1  
008 A000001 BLACKROCK ADVISORS, LLC  
008 B000001 A  
008 C000001 801-47710  
008 D010001 WILMINGTON  
008 D020001 DE  
008 D030001 19809  
008 A000002 BLACKROCK INVESTMENT MANAGEMENT, LLC  
008 B000002 S  
008 C000002 801-56972  
008 D010002 PRINCETON  
008 D020002 NJ  
008 D030002 08540  
012 A000001 COMPUTERSHARE TRUST COMPANY, N.A. (COMMON)  
012 B000001 85-11340  
012 C010001 PROVIDENCE  
012 C020001 RI  
012 C030001 02940  
012 A000002 BNY MELLON SHAREOWNER SERVICES (PREFERRED)  
012 B000002 85-05006  
012 C010002 JERSEY CITY  
012 C020002 NJ  
012 C030002 07310  
012 A000003 THE BANK OF NEW YORK MELLON FOR VRDP  
012 B000003 85-05006  
012 C010003 NEW YORK  
012 C020003 NY  
012 C030003 10289  
013 A000001 DELOITTE & TOUCHE LLP  
PAGE 2  
013 B010001 BOSTON  
013 B020001 MA  
013 B030001 02116  
014 A000001 BLACKROCK CAPITAL MARKETS, LLC  
014 B000001 8-67827  
014 A000002 BLACKROCK EXECUTION SERVICES

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014 B000002 8-48719  
014 A000003 BLACKROCK FUND DISTRIBUTION COMPANY  
014 B000003 8-67795  
014 A000004 BLACKROCK INVESTMENTS, LLC  
014 B000004 8-48436  
014 A000005 HARRIS WILLIAMS LLC  
014 B000005 8-53380  
014 A000006 PNC CAPITAL MARKETS, INC.  
014 B000006 8-32493  
014 A000007 PNC INVESTMENTS LLC  
014 B000007 8-66195  
015 A000001 STATE STREET BANK AND TRUST COMPANY  
015 B000001 C  
015 C010001 BOSTON  
015 C020001 MA  
015 C030001 02111  
015 E010001 X  
015 A000002 THE BANK OF NEW YORK MELLON  
015 B000002 S  
015 C010002 NEW YORK  
015 C020002 NY  
015 C030002 10286  
015 E010002 X  
015 A000003 J.P. MORGAN CHASE BANK  
015 B000003 S  
015 C010003 NEW YORK  
015 C020003 NY  
015 C030003 10017  
015 E010003 X  
018 000000 Y  
019 A000000 Y  
019 B000000 295  
019 C000000 BLKRKADVSR  
020 A000001 UBS SECURITIES LLC  
020 B000001 13-3873456  
020 C000001 1  
021 000000 1  
022 A000001 BIF PENNSYLVANIA MUNICIPAL MONEY FUND  
022 B000001 22-6507573  
022 C000001 26365  
022 D000001 22708  
022 A000002 J.P. MORGAN SECURITIES INC.  
022 B000002 13-3299429  
022 C000002 6270  
022 D000002 11224  
PAGE 3  
022 A000003 BANK OF AMERICA CORP  
022 B000003 56-0906609  
022 C000003 7275  
022 D000003 5618  
022 A000004 WELLS FARGO & CO  
022 B000004 41-0449260  
022 C000004 3554  
022 D000004 4338  
022 A000005 PERSHING LLC  
022 B000005 13-2741729  
022 C000005 2712  
022 D000005 1305  
022 A000006 CITIGROUP GLOBAL MARKETS HOLDINGS INC  
022 B000006 11-2418067  
022 C000006 0  
022 D000006 3535

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022 A000007 D.A. DAVIDSON & CO.  
 022 B000007 81-0139474  
 022 C000007 0  
 022 D000007 2228  
 022 A000008 FIRST CLEARING LLC  
 022 C000008 1395  
 022 D000008 0  
 022 A000009 US BANCORP INVESTMENTS INC.  
 022 C000009 0  
 022 D000009 1329  
 022 A000010 RAYMOND JAMES & ASSOCIATES, INC.  
 022 B000010 59-1237041  
 022 C000010 589  
 022 D000010 504  
 023 C000000 50027  
 023 D000000 54686  
 024 000000 N  
 026 A000000 N  
 026 B000000 N  
 026 C000000 N  
 026 D000000 Y  
 026 E000000 N  
 026 F000000 N  
 026 G010000 N  
 026 G020000 N  
 026 H000000 N  
 027 000000 N  
 028 A010000 0  
 028 A020000 0  
 028 A030000 0  
 028 A040000 0  
 028 B010000 0  
 028 B020000 0  
 028 B030000 0  
 028 B040000 0  
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 028 C010000 0  
 028 C020000 0  
 028 C030000 0  
 028 C040000 0  
 028 D010000 0  
 028 D020000 0  
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 031 A000000 0  
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|     |         |       |
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| 036 | B000000 | 0     |
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| 045 | 000000  | Y     |
| 046 | 000000  | N     |
| 047 | 000000  | Y     |
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| 048 | B020000 | 0.000 |
| 048 | C010000 | 0     |
| 048 | C020000 | 0.000 |
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| 048 | G020000 | 0.000 |
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| 048 | H020000 | 0.000 |
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| 048 | J020000 | 0.000 |
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| 053 | B000000 | Y     |
| 053 | C000000 | N     |
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| 054 | B000000 | Y     |
| 054 | C000000 | N     |
| 054 | D000000 | N     |
| 054 | E000000 | N     |
| 054 | F000000 | N     |
| 054 | G000000 | N     |
| 054 | H000000 | Y     |
| 054 | I000000 | N     |
| 054 | J000000 | Y     |
| 054 | K000000 | N     |
| 054 | L000000 | N     |
| 054 | M000000 | Y     |

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|     |         |   |       |
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| 055 | A000000 | N |       |
| 055 | B000000 | N |       |
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| 059 | 000000  | Y |       |
| 060 | A000000 | N |       |
| 060 | B000000 | N |       |
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| 062 | C000000 |   | 0.0   |
| 062 | D000000 |   | 0.0   |
| 062 | E000000 |   | 0.0   |
|     | PAGE    | 6 |       |
| 062 | F000000 |   | 0.0   |
| 062 | G000000 |   | 0.0   |
| 062 | H000000 |   | 0.0   |
| 062 | I000000 |   | 0.0   |
| 062 | J000000 |   | 0.0   |
| 062 | K000000 |   | 0.0   |
| 062 | L000000 |   | 5.1   |
| 062 | M000000 |   | 0.0   |
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| 062 | O000000 |   | 151.9 |
| 062 | P000000 |   | 0.0   |
| 062 | Q000000 |   | 0.0   |
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| 063 | B000000 |   | 18.5  |
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| 064 | B000000 | N |       |
| 066 | A000000 | N |       |
| 067 | 000000  | N |       |
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| 068 | B000000 | N |       |
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| 070 | B010000 | N |       |
| 070 | B020000 | N |       |
| 070 | C010000 | Y |       |
| 070 | C020000 | N |       |
| 070 | D010000 | N |       |
| 070 | D020000 | N |       |
| 070 | E010000 | Y |       |
| 070 | E020000 | Y |       |
| 070 | F010000 | N |       |
| 070 | F020000 | N |       |
| 070 | G010000 | Y |       |
| 070 | G020000 | N |       |
| 070 | H010000 | N |       |
| 070 | H020000 | N |       |
| 070 | I010000 | N |       |
| 070 | I020000 | N |       |
| 070 | J010000 | N |       |
| 070 | J020000 | N |       |
| 070 | K010000 | Y |       |
| 070 | K020000 | Y |       |
| 070 | L010000 | N |       |
| 070 | L020000 | N |       |

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|       |         |    |        |
|-------|---------|----|--------|
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| 070   | N020000 | N  |        |
| 070   | O010000 | Y  |        |
|       | PAGE    | 7  |        |
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| 070   | P010000 | Y  |        |
| 070   | P020000 | N  |        |
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| 070   | Q020000 | N  |        |
| 070   | R010000 | N  |        |
| 070   | R020000 | N  |        |
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| 071   | B000000 |    | 39738  |
| 071   | C000000 |    | 267616 |
| 071   | D000000 |    | 11     |
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| 072   | F000000 |    | 1361   |
| 072   | G000000 |    | 46     |
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| 072   | I000000 |    | 48     |
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| 072   | R000000 |    | 35     |
| 072   | S000000 |    | 40     |
| 072   | T000000 |    | 0      |
| 072   | U000000 |    | 0      |
| 072   | V000000 |    | 0      |
| 072   | W000000 |    | 343    |
| 072   | X000000 |    | 2311   |
| 072   | Y000000 |    | 8      |
| 072   | Z000000 |    | 10564  |
| 072AA | 000000  |    | 143    |
| 072BB | 000000  |    | 0      |
| 072CC | 010000  |    | 0      |
| 072CC | 020000  |    | 4543   |
| 072DD | 010000  |    | 7637   |
| 072DD | 020000  |    | 0      |
| 072EE | 000000  |    | 0      |
| 073   | A010000 |    | 0.9169 |
| 073   | A020000 |    | 0.0000 |
| 073   | B000000 |    | 0.0000 |
| 073   | C000000 |    | 0.0000 |
| 074   | A000000 |    | 115    |
| 074   | B000000 |    | 0      |
| 074   | C000000 |    | 0      |
|       | PAGE    | 8  |        |
| 074   | D000000 |    | 261181 |
| 074   | E000000 |    | 0      |
| 074   | F000000 |    | 0      |
| 074   | G000000 |    | 0      |

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|     |         |                                       |
|-----|---------|---------------------------------------|
| 074 | H000000 | 0                                     |
| 074 | I000000 | 8745                                  |
| 074 | J000000 | 0                                     |
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| 074 | M000000 | 324                                   |
| 074 | N000000 | 273157                                |
| 074 | O000000 | 0                                     |
| 074 | P000000 | 116                                   |
| 074 | Q000000 | 0                                     |
| 074 | R010000 | 0                                     |
| 074 | R020000 | 0                                     |
| 074 | R030000 | 0                                     |
| 074 | R040000 | 34803                                 |
| 074 | S000000 | 66300                                 |
| 074 | T000000 | 171938                                |
| 074 | U010000 | 11486                                 |
| 074 | U020000 | 0                                     |
| 074 | V010000 | 14.97                                 |
| 074 | V020000 | 0.00                                  |
| 074 | W000000 | 0.0000                                |
| 074 | X000000 | 5624                                  |
| 074 | Y000000 | 75098                                 |
| 075 | A000000 | 0                                     |
| 075 | B000000 | 169279                                |
| 076 | 000000  | 13.94                                 |
| 077 | A000000 | Y                                     |
| 077 | B000000 | Y                                     |
| 077 | D000000 | N                                     |
| 077 | I000000 | Y                                     |
| 077 | O000000 | Y                                     |
| 077 | Q010000 | Y                                     |
| 078 | 000000  | N                                     |
| 080 | A000000 | FEDERAL INSURANCE COMPANY             |
| 080 | B000000 | NATIONAL UNION FIRE INSURANCE COMPNAY |
| 080 | C000000 | 71150                                 |
| 081 | A000000 | Y                                     |
| 081 | B000000 | 95                                    |
| 082 | A000000 | N                                     |
| 082 | B000000 | 0                                     |
| 083 | A000000 | N                                     |
| 083 | B000000 | 0                                     |
| 084 | A000000 | N                                     |
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| 085 | A000000 | Y                                     |
| 085 | B000000 | Y                                     |
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|     | PAGE    | 9                                     |
| 086 | A020000 | 88                                    |
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| 086 | B020000 | 0                                     |
| 086 | C010000 | 663                                   |
| 086 | C020000 | 66300                                 |
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| 086 | D020000 | 66350                                 |
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| 086 | E020000 | 0                                     |
| 086 | F010000 | 0                                     |
| 086 | F020000 | 0                                     |
| 087 | A010000 | COMMON STOCK                          |
| 087 | A020000 | 09255G107                             |
| 087 | A030000 | MPA                                   |

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087 B010000 PREFERRED STOCK  
088 A000000 N  
088 B000000 N  
088 C000000 N  
088 D000000 Y  
SIGNATURE NEAL J. ANDREWS  
TITLE CFO