

BLACKROCK MUNIYIELD INVESTMENT QUALITY FUND

Form NSAR-B

September 27, 2012

PAGE 1  
000 B000000 07/31/2012  
000 C000000 0000891188  
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 INVESTMENT QUALITY FUND  
001 B000000 811-07156  
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 FINANCIAL MANAGEMENT, INC.  
008 B000002 S  
008 C000002 801-48433  
008 D010002 NEW YORK  
008 D020002 NY  
008 D030002 10055  
012 A000001 COMPUTERSHARE TRUST COMPANY, N.A.  
012 B000001 85-11340  
012 C010001 CANTON  
012 C020001 MA  
012 C030001 02021  
012 A000002 THE BANK OF NEW YORK MELLON (PREFERRED)  
012 B000002 85-05006  
012 C010002 NEW YORK  
012 C020002 NY  
012 C030002 10289  
013 A000001 DELOITTE & TOUCHE LLP  
013 B010001 BOSTON  
013 B020001 MA  
013 B030001 02116  
014 A000001 BLACKROCK CAPITAL MARKETS, LLC  
014 B000001 8-67827  
PAGE 2  
014 A000002 BLACKROCK EXECUTION SERVICES  
014 B000002 8-48719  
014 A000003 BLACKROCK INVESTMENTS, LLC  
014 B000003 8-48436  
014 A000004 HARRIS WILLIAMS LLC  
014 B000004 8-53380

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014 A000005 PNC CAPITAL MARKETS, INC.  
014 B000005 8-32493  
014 A000006 PNC INVESTMENTS LLC  
014 B000006 8-66195  
015 A000001 BANK OF NEW YORK MELLON  
015 B000001 C  
015 C010001 NEW YORK  
015 C020001 NY  
015 C030001 10286  
015 E010001 X  
015 A000002 JPMORGAN CHASE BANK, N.A.  
015 B000002 S  
015 C010002 NEW YORK  
015 C020002 NY  
015 C030002 10017  
015 E010002 X  
018 000000 Y  
019 A000000 Y  
019 B000000 288  
019 C000000 BLKRRADVSR  
020 A000001 BANK OF AMERICA CORP  
020 B000001 56-0906609  
020 C000001 1  
020 A000002 UBS SECURITIES LLC  
020 B000002 13-3873456  
020 C000002 0  
021 000000 1  
022 A000001 FFI INSTITUTIONAL TAX-EXEMPT FUND  
022 B000001 22-2509978  
022 C000001 62734  
022 D000001 70053  
022 A000002 JEFFERIES & COMPANY INC  
022 B000002 95-2622900  
022 C000002 19343  
022 D000002 18572  
022 A000003 STIFEL NICOLAUS & COMPANY INCORPORATED  
022 B000003 43-0538770  
022 C000003 13308  
022 D000003 10708  
022 A000004 CITIGROUP GLOBAL MARKETS INC  
022 B000004 11-2418191  
022 C000004 10061  
022 D000004 8477  
022 A000005 JPMORGAN SECURITIES INC  
022 B000005 13-3299429  
PAGE 3  
022 C000005 15323  
022 D000005 517  
022 A000006 BARCLAYS CAPITAL INC.  
022 B000006 06-1031656  
022 C000006 12548  
022 D000006 2484  
022 A000007 APEX PRYOR SECURITIES INC  
022 C000007 7418  
022 D000007 4376  
022 A000008 SIEBERT, BRANFORD, SHANK & CO.  
022 C000008 5628  
022 D000008 5047  
022 A000009 MORGAN STANLEY  
022 B000009 36-3145972  
022 C000009 8895  
022 D000009 827

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| 022 | A000010 | WELLS FARGO & CO |   |
| 022 | B000010 | 41-0449260       |   |
| 022 | C000010 | 4282             |   |
| 022 | D000010 | 3770             |   |
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| 046 | 000000  | N     |
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| 048 | B020000 | 0.000 |
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| 048 | D020000 | 0.000 |
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| 053 | C000000 | N     |
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| 054 | N000000 | N     |
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| 060 | A000000 | N     |
| 060 | B000000 | N     |
| 061 | 000000  | 0     |

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062 A000000 Y  
062 B000000 0.0  
062 C000000 0.0  
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062 N000000 0.0  
062 O000000 168.6

PAGE 6

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070 M020000 N  
070 N010000 Y  
070 N020000 N  
070 O010000 Y  
070 O020000 N  
070 P010000 Y  
070 P020000 N  
070 Q010000 N  
070 Q020000 N

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070 R010000 N  
 070 R020000 N  
 071 A000000 111261  
 071 B000000 86364  
 071 C000000 198874

PAGE 7

071 D000000 43  
 072 A000000 12  
 072 B000000 9299  
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 072 D000000 0  
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 072 M000000 17  
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PAGE 8

074 N000000 232106  
 074 O000000 7553  
 074 P000000 94  
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|-----------|-----------------|--|
| 074       | R010000         | 0  |
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| 074       | R030000         | 0  |
| 074       | R040000         | 34799                                      |
| 074       | S000000         | 56500                                      |
| 074       | T000000         | 133160                                     |
| 074       | U010000         | 8467                                       |
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| 074       | V010000         | 15.73                                      |
| 074       | V020000         | 0.00                                       |
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| 075       | A000000         | 0  |
| 075       | B000000         | 123593                                     |
| 076       | 000000          | 15.47                                      |
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| 077       | B000000         | Y  |
| 078       | 000000          | N  |
| 080       | A000000         | FEDERAL INSURANCE COMPANY                  |
| 080       | B000000         | NAT. UNION FIRE INS. CO. OF PITTSBURGH, PA |
| 080       | C000000         | 69325                                      |
| 081       | A000000         | Y  |
| 081       | B000000         | 93   |
| 082       | A000000         | N  |
| 082       | B000000         | 0  |
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| 083       | B000000         | 0  |
| 084       | A000000         | N  |
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| 085       | A000000         | Y  |
| 085       | B000000         | N  |
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| 086       | A020000         | 0  |
| 086       | B010000         | 0  |
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| 086       | C010000         | 2  |
| 086       | C020000         | 56525                                      |
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| 087       | A010000         | COMMON STOCK                               |
| 087       | A020000         | 09254T100                                  |
| 087       | A030000         | MFT  |
|           | PAGE            | 9  |
| 087       | B010000         | PREFERRED STOCK                            |
| 088       | A000000         | N  |
| 088       | B000000         | N  |
| 088       | C000000         | N  |
| 088       | D000000         | Y  |
| SIGNATURE | NEAL J. ANDREWS |  |
| TITLE     | CFO             |  |