

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
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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
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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
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022 A000004 CITIGROUP GLOBAL MARKETS INC
022 B000004 11-2418191
022 C000004 10061
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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 | |
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062 A000000 Y
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PAGE 6

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066 A000000 N
067 000000 N
068 A000000 N
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069 000000 N
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070 R010000 N
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PAGE 7

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 074 M000000 123

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074 N000000 232106
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 074 Q000000 0

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| 080 | A000000 | FEDERAL INSURANCE COMPANY |
| 080 | B000000 | NAT. UNION FIRE INS. CO. OF PITTSBURGH, PA |
| 080 | C000000 | 69325 |
| 081 | A000000 | Y |
| 081 | B000000 | 93 |
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| 086 | F020000 | 0 |
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| 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 | |