

BLACKROCK MUNIYIELD INVESTMENT QUALITY FUND

Form NSAR-A

March 27, 2012

PAGE 1
000 A000000 01/31/2012
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
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005 000000 N
006 000000 N
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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 (VMTP)
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 FUND DISTRIBUTION COMPANY
014 B000003 8-67795
014 A000004 BLACKROCK INVESTMENTS, LLC
014 B000004 8-48436

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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 THE BANK OF NEW YORK MELLON
015 B000001 C
015 C010001 NEW YORK
015 C020001 NY
015 C030001 10286
015 E010001 X
015 A000002 J.P. MORGAN CHASE BANK
015 B000002 S
015 C010002 NEW YORK
015 C020002 NY
015 C030002 10017
015 E010002 X
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019 B000000 289
019 C000000 BLKRRKADVSR
020 A000001 UBS SECURITIES LLC
020 B000001 13-3873456
020 C000001 0
020 A000002 BANK OF AMERICA CORP
020 B000002 56-0906609
020 C000002 0
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022 A000001 FFI INSTITUTIONAL TAX-EXEMPT FUND
022 B000001 22-2509978
022 C000001 27696
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022 A000002 JPMORGAN SECURITIES INC
022 B000002 13-3299429
022 C000002 11356
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022 A000003 JEFFERIES & COMPANY, INC.
022 B000003 95-2622900
022 C000003 4295
022 D000003 3383
022 A000004 BARCLAYS CAPITAL INC.
022 B000004 13-3299429
022 C000004 4351
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PAGE 3
022 A000005 APEX PRYOR SECURITIES INC
022 C000005 4510
022 D000005 2187
022 A000006 STIFEL, NICOLAUS & COMPANY, INCORPORATED
022 B000006 43-0538770
022 C000006 4121
022 D000006 1862
022 A000007 BANK OF AMERICA CORP
022 B000007 56-0906609
022 C000007 3759
022 D000007 602
022 A000008 PIPER JAFFRAY & CO
022 B000008 41-0953246
022 C000008 737
022 D000008 3106
022 A000009 GOLDMAN SACHS & CO

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042 C000000 0
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PAGE 6

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074 K000000 0
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| 088 | B000000 | N |
| 088 | C000000 | N |
| | PAGE | 9 |
| 088 | D000000 | Y |
| SIGNATURE | NEAL J. ANDREWS | |
| TITLE | CFO | |