

BLACKROCK MUNIYIELD INVESTMENT QUALITY FUND

Form NSAR-A

April 01, 2011

PAGE 1
000 A000000 01/31/2011
000 C000000 0000891188
000 D000000 N
000 E000000 NF
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000 H000000 N
000 I000000 6.1
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001 B000000 811-07156
001 C000000 8004417762
002 A000000 100 BELLEVUE PARKWAY
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008 A000001 BLACKROCK ADVISORS, LLC
008 B000001 A
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008 D010001 WILMINGTON
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008 A000002 BLACKROCK INVESTMENT MANAGEMENT, LLC
008 B000002 S
008 C000002 801-56972
008 D010002 PLAINSBORO
008 D020002 NJ
008 D030002 08536
012 A000001 BNY MELLON SHAREOWNER SERVICES (COMMON)
012 B000001 85-05006
012 C010001 JERSEY CITY
012 C020001 NJ
012 C030001 05006
012 A000002 BNY MELLON SHAREOWNER SERVICES (PREFERRED)
012 B000002 85-05006
PAGE 2
012 C010002 JERSEY CITY
012 C020002 NJ
012 C030002 05006
013 A000001 DELOITTE & TOUCHE LLP
013 B010001 PRINCETON
013 B020001 NJ

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013 B030001 08540
014 A000001 BLACKROCK CAPITAL MARKETS, LLC
014 B000001 8-67827
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
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
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015 C010001 NEW YORK
015 C020001 NY
015 C030001 10286
015 E010001 X
015 A000002 J.P. MORGAN CHASE BANK
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015 C020002 NY
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022 B000001 22-2509978
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022 D000001 21884
022 A000002 J.P. MORGAN SECURITIES INC.
022 B000002 13-3299429
022 C000002 10810
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022 A000003 MORGAN STANLEY & CO. INCORPORATED
022 B000003 13-2655998
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022 A000004 RICE SECURITIES, LLC
022 C000004 4641
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022 A000005 CITIGROUP GLOBAL MARKETS, INC.
022 B000005 11-2418191
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022 D000005 1790

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022 A000006 JEFFERIES & COMPANY, INC.
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 022 A000009 FIDELITY BROKERAGE SERVICES LLC
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PAGE 7

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087 A010000 COMMON STOCK

PAGE 8

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088 B000000 N
088 C000000 N
088 D000000 Y
SIGNATURE NEAL J. ANDREWS
TITLE CFO