

BLACKROCK MUNIYIELD INVESTMENT QUALITY FUND

Form NSAR-B

September 29, 2011

PAGE 1
000 B000000 07/31/2011
000 C000000 0000891188
000 D000000 N
000 E000000 NF
000 F000000 Y
000 G000000 N
000 H000000 N
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001 A000000 BLACKROCK MUNIYIELD INVESTMENT QUALITY FUND
001 B000000 811-07156
001 C000000 8004417762
002 A000000 100 BELLEVUE PARKWAY
002 B000000 WILMINGTON
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008 A000001 BLACKROCK ADVISORS, LLC
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008 A000002 BLACKROCK INVESTMENT MANAGEMENT, LLC
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012 A000001 BNY MELLON SHAREOWNER SERVICES (COMMON)
012 B000001 85-05006
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012 A000002 BNY MELLON SHAREOWNER SERVICES (PREFERRED)
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012 C010002 JERSEY CITY
012 C020002 NJ
012 C030002 05006
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
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015 C010001 NEW YORK
015 C020001 NY
015 C030001 10286
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015 A000002 J.P. MORGAN CHASE BANK
015 B000002 S
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022 A000002 STIFEL, NICOLAUS & COMPANY, INCORPORATED
022 B000002 43-0538770
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022 A000003 JEFFERIES & COMPANY, INC.
022 B000003 95-2622900
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022 A000004 MORGAN STANLEY & CO. INCORPORATED
022 B000004 13-2655998
022 C000004 5838
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022 A000005 CITIGROUP GLOBAL MARKETS, INC.
022 B000005 11-2418191
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022 A000006 APEX PRYOR SECURITIES INC
022 C000006 1557
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022 A000007 WELLS FARGO BROKERAGE SERVICES, LLC
022 B000007 54-0796506
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022 A000008 BARCLAYS CAPITAL INC.
022 C000008 4615
022 D000008 1147
022 A000009 SIEBERT, BRANDFORD, SHANK & CO., L.L.C.
022 C000009 2813
022 D000009 2533
022 A000010 B.C. ZIEGLER AND COMPANY
022 B000010 39-0727640
022 C000010 4033
022 D000010 465
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PAGE 6

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SIGNATURE	NEAL J. ANDREWS	
TITLE	CFO	