

BLACKROCK MUNIYIELD INVESTMENT QUALITY FUND

Form NSAR-A

March 27, 2013

PAGE 1
000 A000000 01/31/2013
000 C000000 0000891188
000 D000000 N
000 E000000 NF
000 F000000 Y
000 G000000 N
000 H000000 N
000 I000000 6.1
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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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008 C000002 801-56972
008 D010002 PRINCETON
008 D020002 NJ
008 D030002 08540
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
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022 B000001 22-2509978
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022 A000002 JEFFERIES & COMPANY INC
022 B000002 95-2622900
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022 A000003 APEX PRYOR SECURITIES INC
022 C000003 2670
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022 A000004 JANNEY MONTGOMERY SCOTT LLC
022 B000004 23-0731260
022 C000004 0
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022 A000005 STIFEL NICOLAUS & COMPANY INCORPORATED
022 B000005 43-0538770
022 C000005 476
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022 A000006 BARCLAYS CAPITAL INC.
022 B000006 06-1031656
022 C000006 5757
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022 A000007 CITIGROUP GLOBAL MARKETS INC
PAGE 3
022 B000007 11-2418191
022 C000007 3996
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022 A000008 PIPER JAFFRAY & CO
022 B000008 41-0953246
022 C000008 4500
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022 A000009 BANK OF AMERICA CORP
022 B000009 56-0906609
022 C000009 2940
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022 A000010 RAYMOND JAMES & ASSOCIATES, INC.
022 B000010 59-1237041
022 C000010 497
022 D000010 3522
023 C000000 75890

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PAGE 6

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