

BLACKROCK MUNIYIELD INVESTMENT QUALITY FUND

Form NSAR-A

March 29, 2016

PAGE 1
000 A000000 01/31/2016
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
002 C000000 DE
002 D010000 19809
003 000000 N
004 000000 N
005 000000 N
006 000000 N
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007 C010100 1
008 A000001 BLACKROCK ADVISORS, LLC
008 B000001 A
008 C000001 801-47710
008 D010001 WILMINGTON
008 D020001 DE
008 D030001 19809
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 EXECUTION SERVICES
014 B000001 8-48719
014 A000002 BLACKROCK INVESTMENTS, LLC
014 B000002 8-48436
014 A000003 HARRIS WILLIAMS LLC
014 B000003 8-53380
014 A000004 PNC CAPITAL MARKETS, INC.
014 B000004 8-32493
PAGE 2
014 A000005 PNC INVESTMENTS LLC
014 B000005 8-66195
015 A000001 STATE STREET BANK & TRUST COMPANY
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015 C010001 BOSTON
015 C020001 MA

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015 C030001 02210
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020 A000001 BANK OF AMERICA CORP
020 B000001 56-0906609
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022 A000001 FFI INSTITUTIONAL TAX-EXEMPT FUND
022 B000001 22-2509978
022 C000001 9746
022 D000001 12183
022 A000002 JEFFERIES & COMPANY INC
022 B000002 95-2622900
022 C000002 5067
022 D000002 5549
022 A000003 CITIGROUP GLOBAL MARKETS INC
022 B000003 11-2418191
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022 A000005 OPPENHEIMER + CO. INC.
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022 A000006 MORGAN STANLEY
022 B000006 36-3145972
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022 A000007 STIFEL NICOLAUS & CO INC
022 B000007 43-0538770
022 C000007 1899
022 D000007 619
022 A000008 BLACKROCK LIQUIDITY FUNDS:MUNICASH
022 B000008 52-0983343
022 C000008 1766
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022 A000009 JANNEY MONTGOMERY SCOTT LLC
022 B000009 23-0731260
022 C000009 0
PAGE 3
022 D000009 2101
022 A000010 PERSHING LLC
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072 J000000 6
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PAGE 7

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PAGE 8

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087	A030000	MFT
087	B010000	PREFERRED STOCK
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088	B000000	N
088	C000000	N
088	D000000	Y
SIGNATURE	NEAL J. ANDREWS	
TITLE	CFO	