

BLACKROCK MUNIYIELD INVESTMENT QUALITY FUND

Form NSAR-B

September 27, 2016

PAGE 1
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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
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002 D010000 19809
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008 A000001 BLACKROCK ADVISORS, LLC
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008 C000001 801-47710
008 D010001 WILMINGTON
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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
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014 A000005 PNC INVESTMENTS LLC
014 B000005 8-66195
014 A000006 SOLEBURY CAPITAL, LLC
014 B000006 8-67548
015 A000001 STATE STREET BANK AND TRUST CO.
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015 C010001 BOSTON
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022 B000003 11-2418191
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022 A000004 JEFFERIES & COMPANY INC
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022 A000006 MORGAN STANLEY
022 B000006 36-3145972
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022 A000007 OPPENHEIMER + CO. INC.
022 B000007 13-2798343
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022 A000008 RBC CAPITAL MARKETS CORP
022 B000008 13-5033225
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022 D000008 3088
022 A000009 PERSHING LLC
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PAGE 3
022 C000009 825
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022 A000010 J.P. MORGAN SECURITIES LLC
022 B000010 13-4110995
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075 B000000 128840
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080 A000000 FEDERAL INSURANCE COMPANY
080 B000000 St. Paul Fire & Marine Insurance Company
080 C000000 61025
081 A000000 Y
081 B000000 74
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088 C000000 N
088 D000000 Y
SIGNATURE NEAL J. ANDREWS
TITLE CFO