

BLACKROCK MUNIYIELD INVESTMENT QUALITY FUND

Form NSAR-A

March 27, 2015

PAGE 1  
000 A000000 01/31/2015  
000 C000000 0000891188  
000 D000000 N  
000 E000000 NF  
000 F000000 Y  
000 G000000 N  
000 H000000 N  
000 I000000 6.1  
000 J000000 A  
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  
007 A000000 N  
007 B000000 0  
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  
015 B000001 C  
015 C010001 BOSTON  
015 C020001 MA

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015 C030001 02210  
 015 E010001 X  
 018 000000 Y  
 019 A000000 Y  
 019 B000000 285  
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 021 000000 0  
 022 A000001 FFI INSTITUTIONAL TAX-EXEMPT FUND  
 022 B000001 22-2509978  
 022 C000001 10466  
 022 D000001 11106  
 022 A000002 OPPENHEIMER + CO. INC.  
 022 C000002 2935  
 022 D000002 0  
 022 A000003 PERSHING LLC  
 022 B000003 56-2058405  
 022 C000003 654  
 022 D000003 1588  
 022 A000004 STIFEL NICOLAUS & CO INC  
 022 C000004 0  
 022 D000004 1850  
 022 A000005 MORGAN STANLEY  
 022 B000005 36-3145972  
 022 C000005 1704  
 022 D000005 0  
 022 A000006 JP MORGAN SECURITIES INC  
 022 C000006 945  
 022 D000006 494  
 022 A000007 RAYMOND JAMES & ASSOCIATES, INC.  
 022 B000007 59-1237041  
 022 C000007 1263  
 022 D000007 0  
 022 A000008 ROYAL BANK OF CANADA  
 022 B000008 13-5033225  
 022 C000008 0  
 022 D000008 1166  
 022 A000009 FIRST SOUTHWEST COMPANY  
 022 C000009 1139  
 022 D000009 0  
 022 A000010 BARCLAYS CAPITAL INC.  
 022 C000010 1072  
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 023 C000000 21684  
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 PAGE 3  
 026 A000000 N  
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 028 A010000 0  
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 028 A040000 0  
 028 B010000 0  
 028 B020000 0

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| 048 | C010000 |       | 0 |
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| 048 | D010000 |       | 0 |
| 048 | D020000 | 0.000 |   |
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| 048 | E020000 | 0.000 |   |
| 048 | F010000 |       | 0 |
| 048 | F020000 | 0.000 |   |
| 048 | G010000 |       | 0 |
| 048 | G020000 | 0.000 |   |

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|     |         |       |
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| 053 | B000000 | Y     |
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| 054 | B000000 | Y     |
| 054 | C000000 | N     |
| 054 | D000000 | N     |
| 054 | E000000 | N     |
| 054 | F000000 | N     |
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| 054 | I000000 | N     |
| 054 | J000000 | Y     |
|     | PAGE    | 5     |
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| 054 | L000000 | N     |
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| 054 | N000000 | N     |
| 055 | A000000 | N     |
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| 057 | 000000  | N     |
| 058 | A000000 | N     |
| 059 | 000000  | Y     |
| 060 | A000000 | N     |
| 060 | B000000 | N     |
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| 062 | H000000 | 0.0   |
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| 062 | J000000 | 0.0   |
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| 062 | L000000 | 1.4   |
| 062 | M000000 | 0.0   |
| 062 | N000000 | 0.0   |
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| 062 | P000000 | 0.0   |
| 062 | Q000000 | 0.0   |
| 062 | R000000 | 0.0   |
| 063 | A000000 | 0     |
| 063 | B000000 | 21.0  |
| 064 | A000000 | Y     |
| 064 | B000000 | N     |
| 066 | A000000 | N     |

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067 000000 N  
 068 A000000 N  
 068 B000000 N  
 069 000000 N  
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 070 C010000 Y  
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 070 E020000 Y  
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 PAGE 6  
 070 F020000 N  
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 072 P000000 382  
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|               |        |
|---------------|--------|
| 072 R000000   | 22     |
| 072 S000000   | 6      |
| 072 T000000   | 0      |
| 072 U000000   | 0      |
| 072 V000000   | 0      |
| PAGE 7        |        |
| 072 W000000   | 33     |
| 072 X000000   | 1009   |
| 072 Y000000   | 0      |
| 072 Z000000   | 3560   |
| 072AA000000   | 352    |
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| 074 L000000   | 2188   |
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| 074 N000000   | 211409 |
| 074 O000000   | 1655   |
| 074 P000000   | 88     |
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| 076 000000    | 14.38  |
| 077 A000000 N |        |
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| PAGE 8        |        |
| 081 B000000   | 0      |
| 082 B000000   | 0      |
| 083 B000000   | 0      |
| 084 B000000   | 0      |

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|           |                 |                 |
|-----------|-----------------|-----------------|
| 086       | A010000         | 0               |
| 086       | A020000         | 0               |
| 086       | B010000         | 0               |
| 086       | B020000         | 0               |
| 086       | C010000         | 0               |
| 086       | C020000         | 0               |
| 086       | D010000         | 0               |
| 086       | D020000         | 0               |
| 086       | E010000         | 0               |
| 086       | E020000         | 0               |
| 086       | F010000         | 0               |
| 086       | F020000         | 0               |
| 087       | A010000         | COMMON STOCK    |
| 087       | A020000         | 09254T100       |
| 087       | A030000         | MFT             |
| 087       | B010000         | PREFERRED STOCK |
| 088       | A000000         | N               |
| 088       | B000000         | N               |
| 088       | C000000         | N               |
| 088       | D000000         | Y               |
| SIGNATURE | NEAL J. ANDREWS |                 |
| TITLE     | CFO             |                 |