

BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND

Form NSAR-B

October 28, 2015

PAGE 1  
000 B000000 08/31/2015  
000 C000000 1045126  
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 MUNIHOLDINGS INVEST. QUALITY FUND  
001 B000000 811-08349  
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. (COMMON)  
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 AND TRUST COMPANY  
015 B000001 C  
015 C010001 BOSTON  
015 C020001 MA

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form NSAR-B

015 C030001 02110  
015 E010001 X  
018 000000 Y  
019 A000000 Y  
019 B000000 285  
019 C000000 BLKRRKADVSR  
020 A000001 BANK OF AMERICA CORP  
020 B000001 56-0906609  
020 C000001 7  
021 000000 7  
022 A000001 FFI INSTITUTIONAL TAX-EXEMPT FUND  
022 B000001 22-2509978  
022 C000001 105014  
022 D000001 107537  
022 A000002 PERSHING LLC  
022 B000002 13-2741729  
022 C000002 11905  
022 D000002 33663  
022 A000003 JEFFERIES & COMPANY INC  
022 B000003 95-2622900  
022 C000003 17788  
022 D000003 14233  
022 A000004 J P MORGAN SECURITIES INC  
022 B000004 13-3299429  
022 C000004 13453  
022 D000004 10088  
022 A000005 OPPENHEIMER + CO. INC.  
022 B000005 13-2798343  
022 C000005 15818  
022 D000005 4518  
022 A000006 BANK OF AMERICA CORP  
022 B000006 56-0906609  
022 C000006 11659  
022 D000006 6747  
022 A000007 MORGAN STANLEY  
022 B000007 36-3145972  
022 C000007 6030  
022 D000007 10510  
022 A000008 ROYAL BANK OF CANADA  
022 B000008 13-5033225  
022 C000008 8805  
022 D000008 6248  
022 A000009 STIFEL NICOLAUS & COMPANY INCORPORATED  
022 B000009 43-0538770  
022 C000009 4262  
PAGE 3  
022 D000009 9844  
022 A000010 RAYMOND JAMES FINANCIAL INC  
022 B000010 59-1517485  
022 C000010 13812  
022 D000010 0  
023 C000000 230988  
023 D000000 216593  
024 000000 N  
025 D000001 0  
026 A000000 N  
026 B000000 N  
026 C000000 N  
026 D000000 Y  
026 E000000 N  
026 F000000 N  
026 G010000 N

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form NSAR-B

|     |         |       |   |
|-----|---------|-------|---|
| 026 | G020000 | N     |   |
| 026 | H000000 | N     |   |
| 027 | 000000  | N     |   |
| 028 | A010000 |       | 0 |
| 028 | A020000 |       | 0 |
| 028 | A030000 |       | 0 |
| 028 | A040000 |       | 0 |
| 028 | B010000 |       | 0 |
| 028 | B020000 |       | 0 |
| 028 | B030000 |       | 0 |
| 028 | B040000 |       | 0 |
| 028 | C010000 |       | 0 |
| 028 | C020000 |       | 0 |
| 028 | C030000 |       | 0 |
| 028 | C040000 |       | 0 |
| 028 | D010000 |       | 0 |
| 028 | D020000 |       | 0 |
| 028 | D030000 |       | 0 |
| 028 | D040000 |       | 0 |
| 028 | E010000 |       | 0 |
| 028 | E020000 |       | 0 |
| 028 | E030000 |       | 0 |
| 028 | E040000 |       | 0 |
| 028 | F010000 |       | 0 |
| 028 | F020000 |       | 0 |
| 028 | F030000 |       | 0 |
| 028 | F040000 |       | 0 |
| 028 | G010000 |       | 0 |
| 028 | G020000 |       | 0 |
| 028 | G030000 |       | 0 |
| 028 | G040000 |       | 0 |
| 028 | H000000 |       | 0 |
| 030 | A000000 |       | 0 |
| 030 | B000000 | 0.00  |   |
| 030 | C000000 | 0.00  |   |
|     | PAGE    | 4     |   |
| 031 | A000000 |       | 0 |
| 031 | B000000 |       | 0 |
| 032 | 000000  |       | 0 |
| 033 | 000000  |       | 0 |
| 035 | 000000  |       | 0 |
| 036 | B000000 |       | 0 |
| 038 | 000000  |       | 0 |
| 042 | A000000 | 0     |   |
| 042 | B000000 | 0     |   |
| 042 | C000000 | 0     |   |
| 042 | D000000 | 0     |   |
| 042 | E000000 | 0     |   |
| 042 | F000000 | 0     |   |
| 042 | G000000 | 0     |   |
| 042 | H000000 | 0     |   |
| 043 | 000000  | 0     |   |
| 044 | 000000  | 0     |   |
| 045 | 000000  | Y     |   |
| 046 | 000000  | N     |   |
| 047 | 000000  | Y     |   |
| 048 | 000000  | 0.550 |   |
| 048 | A010000 |       | 0 |
| 048 | A020000 | 0.000 |   |
| 048 | B010000 |       | 0 |
| 048 | B020000 | 0.000 |   |
| 048 | C010000 |       | 0 |

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form NSAR-B

048 C020000 0.000  
 048 D010000 0  
 048 D020000 0.000  
 048 E010000 0  
 048 E020000 0.000  
 048 F010000 0  
 048 F020000 0.000  
 048 G010000 0  
 048 G020000 0.000  
 048 H010000 0  
 048 H020000 0.000  
 048 I010000 0  
 048 I020000 0.000  
 048 J010000 0  
 048 J020000 0.000  
 048 K010000 0  
 048 K020000 0.000  
 049 000000 N  
 050 000000 N  
 051 000000 N  
 052 000000 N  
 053 A000000 Y  
 053 B000000 Y  
 053 C000000 N  
 054 A000000 Y  
 PAGE 5  
 054 B000000 Y  
 054 C000000 N  
 054 D000000 N  
 054 E000000 N  
 054 F000000 N  
 054 G000000 N  
 054 H000000 Y  
 054 I000000 N  
 054 J000000 Y  
 054 K000000 N  
 054 L000000 N  
 054 M000000 Y  
 054 N000000 N  
 055 A000000 N  
 055 B000000 N  
 056 000000 Y  
 057 000000 N  
 058 A000000 N  
 059 000000 Y  
 060 A000000 N  
 060 B000000 N  
 061 000000 0  
 062 A000000 Y  
 062 B000000 0.0  
 062 C000000 0.0  
 062 D000000 0.0  
 062 E000000 0.0  
 062 F000000 0.0  
 062 G000000 0.0  
 062 H000000 0.0  
 062 I000000 0.0  
 062 J000000 0.0  
 062 K000000 0.0  
 062 L000000 0.6  
 062 M000000 0.0  
 062 N000000 0.0

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form NSAR-B

|     |         |        |
|-----|---------|--------|
| 062 | O000000 | 160.9  |
| 062 | P000000 | 0.0    |
| 062 | Q000000 | 0.0    |
| 062 | R000000 | 0.0    |
| 063 | A000000 | 0      |
| 063 | B000000 | 20.9   |
| 064 | A000000 | Y      |
| 064 | B000000 | N      |
| 066 | A000000 | N      |
| 067 | 000000  | N      |
| 068 | A000000 | N      |
| 068 | B000000 | N      |
| 069 | 000000  | N      |
| 070 | A010000 | Y      |
| 070 | A020000 | N      |
|     | PAGE    | 6      |
| 070 | B010000 | N      |
| 070 | B020000 | N      |
| 070 | C010000 | Y      |
| 070 | C020000 | N      |
| 070 | D010000 | N      |
| 070 | D020000 | N      |
| 070 | E010000 | Y      |
| 070 | E020000 | Y      |
| 070 | F010000 | N      |
| 070 | F020000 | N      |
| 070 | G010000 | Y      |
| 070 | G020000 | N      |
| 070 | H010000 | N      |
| 070 | H020000 | N      |
| 070 | I010000 | N      |
| 070 | I020000 | N      |
| 070 | J010000 | Y      |
| 070 | J020000 | N      |
| 070 | K010000 | Y      |
| 070 | K020000 | Y      |
| 070 | L010000 | N      |
| 070 | L020000 | N      |
| 070 | M010000 | N      |
| 070 | M020000 | N      |
| 070 | N010000 | Y      |
| 070 | N020000 | N      |
| 070 | O010000 | Y      |
| 070 | O020000 | N      |
| 070 | P010000 | Y      |
| 070 | P020000 | N      |
| 070 | Q010000 | N      |
| 070 | Q020000 | N      |
| 070 | R010000 | Y      |
| 070 | R020000 | N      |
| 071 | A000000 | 125974 |
| 071 | B000000 | 124486 |
| 071 | C000000 | 933856 |
| 071 | D000000 | 13     |
| 072 | A000000 | 12     |
| 072 | B000000 | 42282  |
| 072 | C000000 | 0      |
| 072 | D000000 | 0      |
| 072 | E000000 | 0      |
| 072 | F000000 | 5203   |
| 072 | G000000 | 121    |
| 072 | H000000 | 0      |

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form NSAR-B

072 I000000 48  
 072 J000000 42  
 072 K000000 0  
 072 L000000 16  
 072 M000000 23

PAGE 7

072 N000000 14  
 072 O000000 0  
 072 P000000 3199  
 072 Q000000 0  
 072 R000000 62  
 072 S000000 118  
 072 T000000 0  
 072 U000000 0  
 072 V000000 0  
 072 W000000 144  
 072 X000000 8990  
 072 Y000000 253  
 072 Z000000 33545  
 072AA000000 139  
 072BB000000 0  
 072CC010000 0  
 072CC020000 12049  
 072DD010000 32439  
 072DD020000 0  
 072EE000000 0  
 073 A010000 0.8580  
 073 A020000 0.0000  
 073 B000000 0.0000  
 073 C000000 0.0000  
 074 A000000 579  
 074 B000000 0  
 074 C000000 0  
 074 D000000 922428  
 074 E000000 0  
 074 F000000 0  
 074 G000000 0  
 074 H000000 0  
 074 I000000 3675  
 074 J000000 172  
 074 K000000 0  
 074 L000000 10748  
 074 M000000 513  
 074 N000000 938115  
 074 O000000 0  
 074 P000000 872  
 074 Q000000 0  
 074 R010000 0  
 074 R020000 0  
 074 R030000 0  
 074 R040000 88758  
 074 S000000 274600  
 074 T000000 573885  
 074 U010000 37808  
 074 U020000 0  
 074 V010000 15.18  
 074 V020000 0.00

PAGE 8

074 W000000 0.0000  
 074 X000000 14025  
 074 Y000000 329110  
 075 A000000 0

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form NSAR-B

075 B000000 585206  
076 000000 14.06  
077 A000000 Y  
077 B000000 Y  
077 O000000 N  
077 Q010000 N  
078 000000 N  
080 A000000 FEDERAL INSURANCE COMPANY  
080 B000000 NATIONAL UNION FIRE INS CO OF PITTSBURGH PA  
080 C000000 56800  
081 A000000 Y  
081 B000000 76  
082 A000000 N  
082 B000000 0  
083 A000000 N  
083 B000000 0  
084 A000000 N  
084 B000000 0  
085 A000000 Y  
085 B000000 N  
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 09254P108  
087 A030000 MFL  
087 B010000 PREFERRED STOCK  
088 A000000 N  
088 B000000 N  
088 C000000 N  
088 D000000 Y  
SIGNATURE NEAL J. ANDREWS  
TITLE CFO