

BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND

Form NSAR-B

October 28, 2013

PAGE 1  
000 B000000 08/31/2013  
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  
008 A000002 BLACKROCK INVESTMENT MANAGEMENT, LLC  
008 B000002 S  
008 C000002 801-56972  
008 D010002 PRINCETON  
008 D020002 NJ  
008 D030002 08540  
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 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  
014 B000006 8-66195  
015 A000001 THE BANK OF NEW YORK MELLON  
015 B000001 C  
015 C010001 NEW YORK  
015 C020001 NY  
015 C030001 10286  
015 E010001 X  
015 A000002 J.P. MORGAN CHASE BANK  
015 B000002 S  
015 C010002 NEW YORK  
015 C020002 NY  
015 C030002 10017  
015 E010002 X  
018 000000 Y  
019 A000000 Y  
019 B000000 290  
019 C000000 BLKRRADVSR  
020 A000001 BANK OF AMERICA CORP  
020 B000001 56-0906609  
020 C000001 3  
021 000000 3  
022 A000001 FFI INSTITUTIONAL TAX-EXEMPT FUND  
022 B000001 22-2509978  
022 C000001 295465  
022 D000001 268624  
022 A000002 JEFFERIES & COMPANY, INC.  
022 B000002 95-2622990  
022 C000002 153207  
022 D000002 99021  
022 A000003 STIFEL NICOLAUS & COMPANY INCORPORATED  
022 B000003 43-0538770  
022 C000003 38963  
022 D000003 78274  
022 A000004 WELLS FARGO & CO  
022 B000004 41-0449260  
022 C000004 57018  
022 D000004 44554  
022 A000005 CITIGROUP GLOBAL MARKETS INC  
022 B000005 11-2418191  
022 C000005 59144  
022 D000005 40571  
022 A000006 BARCLAYS CAPITAL INC  
PAGE 3  
022 B000006 13-3297824  
022 C000006 50952  
022 D000006 36456  
022 A000007 APEX PRYOR SECURITIES INC  
022 C000007 36632  
022 D000007 46761  
022 A000008 MORGAN STANLEY  
022 B000008 13-2655998  
022 C000008 43692  
022 D000008 29131  
022 A000009 RAYMOND JAMES & ASSOCIATES, INC.  
022 B000009 59-1237041  
022 C000009 33786  
022 D000009 24021  
022 A000010 BANK OF AMERICA CORP  
022 B000010 56-0906609

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| 022 | C000010 | 38686  |
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042 H000000 0  
043 000000 0  
044 000000 0  
045 000000 Y  
046 000000 N  
047 000000 Y  
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056 000000 Y  
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060 B000000 N  
061 000000 0  
062 A000000 Y  
062 B000000 0.0

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062 C000000 0.0  
062 D000000 0.0  
062 E000000 1.8  
062 F000000 0.0  
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062 N000000 0.0  
062 O000000 171.8  
062 P000000 0.0  
062 Q000000 0.0

PAGE 6

062 R000000 0.0  
063 A000000 0  
063 B000000 22.9  
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  
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070 N020000 N  
070 O010000 Y  
070 O020000 N  
070 P010000 Y  
070 P020000 Y  
070 Q010000 N  
070 Q020000 N  
070 R010000 N  
070 R020000 N

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071 A000000 575206  
 071 B000000 606087  
 071 C000000 979463  
 071 D000000 59  
 072 A000000 12

PAGE 7

072 B000000 42290  
 072 C000000 0  
 072 D000000 0  
 072 E000000 3  
 072 F000000 5478  
 072 G000000 131  
 072 H000000 0  
 072 I000000 47  
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 072 M000000 62  
 072 N000000 12  
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 072 P000000 1948  
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 072 R000000 59  
 072 S000000 16  
 072 T000000 0  
 072 U000000 0  
 072 V000000 0  
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 072 X000000 10076  
 072 Y000000 496  
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 074 I000000 36832  
 074 J000000 3962  
 074 K000000 0  
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 074 M000000 529  
 074 N000000 913644  
 074 O000000 37640

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074 P000000 419  
 074 Q000000 0  
 074 R010000 0  
 074 R020000 0

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|-----|---------|--------------------------------------------|
| 074 | R030000 | 0                                          |
| 074 | R040000 | 99175                                      |
| 074 | S000000 | 274600                                     |
| 074 | T000000 | 501810                                     |
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| 074 | U020000 | 0                                          |
| 074 | V010000 | 13.27                                      |
| 074 | V020000 | 0.00                                       |
| 074 | W000000 | 0.0000                                     |
| 074 | X000000 | 17726                                      |
| 074 | Y000000 | 308278                                     |
| 075 | A000000 | 0                                          |
| 075 | B000000 | 864162                                     |
| 076 | 000000  | 12.59                                      |
| 077 | A000000 | Y                                          |
| 077 | B000000 | Y                                          |
| 077 | C000000 | N                                          |
| 077 | D000000 | N                                          |
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| 077 | N000000 | N                                          |
| 077 | O000000 | Y                                          |
| 077 | P000000 | N                                          |
| 077 | Q010000 | N                                          |
| 077 | Q020000 | N                                          |
| 077 | Q030000 | N                                          |
| 078 | 000000  | N                                          |
| 080 | A000000 | FEDERAL INSURANCE COMPANY                  |
| 080 | B000000 | NATIONAL UNION FIRE INS CO, PITTSBURGH, PA |
| 080 | C000000 | 72025                                      |
| 081 | A000000 | Y                                          |
| 081 | B000000 | 90                                         |
| 082 | A000000 | N                                          |
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| 083 | A000000 | N                                          |
| 083 | B000000 | 0                                          |
| 084 | A000000 | N                                          |
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| 085 | A000000 | Y                                          |
| 085 | B000000 | N                                          |
|     | PAGE    | 9                                          |
| 086 | A010000 | 46                                         |
| 086 | A020000 | 744                                        |
| 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                                  |

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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