

BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND

Form NSAR-A

April 24, 2012

PAGE 1  
000 A000000 02/29/2012  
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 PROVIDENCE  
012 C020001 RI  
012 C030001 02940  
012 A000002 BNY MELLON SHAREOWNER SERVICES (PREFERRED)  
012 B000002 85-05006  
012 C010002 NEW YORK  
012 C020002 NY  
012 C030002 10289  
012 A000003 BANK OF AMERICA N.A.  
012 B000003 85-10203  
012 C010003 NEW YORK  
012 C020003 NY  
012 C030003 10036  
013 A000001 DELOITTE & TOUCHE LLP  
PAGE 2  
013 B010001 BOSTON  
013 B020001 MA  
013 B030001 02116  
014 A000001 BLACKROCK CAPITAL MARKETS, LLC  
014 B000001 8-67827  
014 A000002 BLACKROCK EXECUTION SERVICES

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

014 B000002 8-48719  
014 A000003 BLACKROCK INVESTMENTS, LLC  
014 B000003 8-48436  
014 A000004 HARRIS WILLIAMS LLC  
014 B000004 8-53380  
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 287  
019 C000000 BLKRRKADVSR  
020 A000001 UBS SECURITIES LLC  
020 B000001 13-3873456  
020 C000001 1  
020 A000002 BANK OF AMERICA CORP  
020 B000002 56-0906609  
020 C000002 1  
020 A000003 JANNEY MONTGOMERY SCOTT LLC  
020 B000003 23-0731260  
020 C000003 0  
021 000000 2  
022 A000001 FFI INSTITUTIONAL TAX-EXEMPT FUND  
022 B000001 22-2509978  
022 C000001 147514  
022 D000001 139322  
022 A000002 BARCLAYS CAPITAL INC.  
022 B000002 13-3299429  
022 C000002 44714  
022 D000002 0  
022 A000003 JEFFERIES & COMPANY, INC.  
022 B000003 95-2622990  
PAGE 3  
022 C000003 24022  
022 D000003 17077  
022 A000004 J.P. MORGAN SECURITIES INC  
022 B000004 13-3299429  
022 C000004 38144  
022 D000004 1702  
022 A000005 STIFEL, NICOLAUS & COMPANY, INCORPORATED  
022 B000005 43-0538770  
022 C000005 12640  
022 D000005 20860  
022 A000006 APEX PRYOR SECURITIES INC  
022 C000006 17449  
022 D000006 12137  
022 A000007 BANK OF AMERICA CORP  
022 B000007 56-0906609  
022 C000007 15339

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

|     |         |                              |
|-----|---------|------------------------------|
| 022 | D000007 | 9495                         |
| 022 | A000008 | MORGAN STANLEY & CO INC      |
| 022 | B000008 | 13-2655998                   |
| 022 | C000008 | 18580                        |
| 022 | D000008 | 2921                         |
| 022 | A000009 | CITIGROUP GLOBAL MARKETS INC |
| 022 | B000009 | 11-2418191                   |
| 022 | C000009 | 11447                        |
| 022 | D000009 | 9141                         |
| 022 | A000010 | GOLDMAN SACHS & CO           |
| 022 | B000010 | 13-5108880                   |
| 022 | C000010 | 13979                        |
| 022 | D000010 | 0                            |
| 023 | C000000 | 356937                       |
| 023 | D000000 | 291650                       |
| 024 | 000000  | N                            |
| 026 | A000000 | N                            |
| 026 | B000000 | N                            |
| 026 | C000000 | N                            |
| 026 | D000000 | Y                            |
| 026 | E000000 | N                            |
| 026 | F000000 | N                            |
| 026 | G010000 | N                            |
| 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                            |
|     | PAGE    | 4                            |
| 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                         |
| 031 | A000000 | 0                            |
| 031 | B000000 | 0                            |
| 032 | 000000  | 0                            |

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

|     |         |       |
|-----|---------|-------|
| 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     |
| 048 | C020000 | 0.000 |
| 048 | D010000 | 0     |
|     | PAGE    | 5     |
| 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     |
| 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     |

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

|     |         |   |       |
|-----|---------|---|-------|
| 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   |
|     | PAGE    | 6 |       |
| 062 | G000000 |   | 0.0   |
| 062 | H000000 |   | 0.0   |
| 062 | I000000 |   | 0.0   |
| 062 | J000000 |   | 0.0   |
| 062 | K000000 |   | 0.0   |
| 062 | L000000 |   | 5.3   |
| 062 | M000000 |   | 0.0   |
| 062 | N000000 |   | 0.0   |
| 062 | O000000 |   | 159.8 |
| 062 | P000000 |   | 0.0   |
| 062 | Q000000 |   | 0.0   |
| 062 | R000000 |   | 0.0   |
| 063 | A000000 |   | 0     |
| 063 | B000000 |   | 23.5  |
| 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 |       |
| 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 | N |       |
| 070 | J020000 | N |       |
| 070 | K010000 | Y |       |
| 070 | K020000 | Y |       |
| 070 | L010000 | N |       |
| 070 | L020000 | N |       |
| 070 | M010000 | N |       |

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

070 M020000 N  
 070 N010000 N  
 070 N020000 N  
 070 O010000 Y  
 070 O020000 N  
     PAGE 7  
 070 P010000 Y  
 070 P020000 N  
 070 Q010000 N  
 070 Q020000 N  
 070 R010000 N  
 070 R020000 N  
 071 A000000 209440  
 071 B000000 176333  
 071 C000000 879116  
 071 D000000 20  
 072 A000000 6  
 072 B000000 21285  
 072 C000000 0  
 072 D000000 0  
 072 E000000 6  
 072 F000000 2490  
 072 G000000 59  
 072 H000000 0  
 072 I000000 20  
 072 J000000 19  
 072 K000000 0  
 072 L000000 17  
 072 M000000 23  
 072 N000000 6  
 072 O000000 0  
 072 P000000 1112  
 072 Q000000 0  
 072 R000000 28  
 072 S000000 52  
 072 T000000 0  
 072 U000000 0  
 072 V000000 0  
 072 W000000 1174  
 072 X000000 5000  
 072 Y000000 189  
 072 Z000000 16480  
 072AA000000 7321  
 072BB000000 0  
 072CC010000 43407  
 072CC020000 0  
 072DD010000 17315  
 072DD020000 0  
 072EE000000 0  
 073 A010000 0.4590  
 073 A020000 0.0000  
 073 B000000 0.0000  
 073 C000000 0.0000  
 074 A000000 305  
 074 B000000 0  
 074 C000000 0  
 074 D000000 924354  
     PAGE 8  
 074 E000000 0  
 074 F000000 0  
 074 G000000 0  
 074 H000000 0

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

|           |                 |                 |
|-----------|-----------------|-----------------|
| 074       | I000000         | 30314           |
| 074       | J000000         | 14435           |
| 074       | K000000         | 0               |
| 074       | L000000         | 11011           |
| 074       | M000000         | 846             |
| 074       | N000000         | 981265          |
| 074       | O000000         | 24181           |
| 074       | P000000         | 386             |
| 074       | Q000000         | 0               |
| 074       | R010000         | 0               |
| 074       | R020000         | 0               |
| 074       | R030000         | 0               |
| 074       | R040000         | 103754          |
| 074       | S000000         | 274600          |
| 074       | T000000         | 578344          |
| 074       | U010000         | 0               |
| 074       | U020000         | 0               |
| 074       | V010000         | 15.33           |
| 074       | V020000         | 0.00            |
| 074       | W000000         | 0.0000          |
| 074       | X000000         | 16170           |
| 074       | Y000000         | 324378          |
| 075       | A000000         | 0               |
| 075       | B000000         | 552446          |
| 076       | 000000          | 15.31           |
| 077       | A000000         | Y               |
| 077       | E000000         | Y               |
| 078       | 000000          | N               |
| 080       | C000000         | 0               |
| 081       | B000000         | 0               |
| 082       | B000000         | 0               |
| 083       | B000000         | 0               |
| 084       | B000000         | 0               |
| 086       | A010000         | 19              |
| 086       | A020000         | 279             |
| 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       |
|           | PAGE            | 9               |
| 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             |                 |