

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  
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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  
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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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PAGE 6

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071 A000000 575206  
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 071 D000000 59  
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PAGE 7

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074 P000000 419  
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074 R040000	99175
074 S000000	274600
074 T000000	501810
074 U010000	37808
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075 B000000	864162
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077 P000000	N
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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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086 D020000	0
086 E010000	0
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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