

BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND

Form NSAR-B

October 31, 2011

PAGE 1  
000 B000000 08/31/2011  
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 BNY MELLON SHAREOWNER SERVICES (COMMON)  
012 B000001 85-05006  
012 C010001 JERSEY CITY  
012 C020001 NJ  
012 C030001 07310  
012 A000002 BNY MELLON SHAREOWNER SERVICES (PREFERRED)  
012 B000002 85-05006  
012 C010002 NEW YORK  
012 C020002 NY  
012 C030002 10289  
012 A000003 THE BANK OF NEW YORK MELLON FOR VRDP  
012 B000003 85-05006  
012 C010003 NEW YORK  
012 C020003 NY  
012 C030003 10289  
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

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014 B000002 8-48719  
014 A000003 BLACKROCK FUND DISTRIBUTION COMPANY  
014 B000003 8-67795  
014 A000004 BLACKROCK INVESTMENTS, LLC  
014 B000004 8-48436  
014 A000005 HARRIS WILLIAMS LLC  
014 B000005 8-53380  
014 A000006 PNC CAPITAL MARKETS, INC.  
014 B000006 8-32493  
014 A000007 PNC INVESTMENTS LLC  
014 B000007 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 294  
019 C000000 BLKRRKADVSR  
020 A000001 UBS SECURITIES LLC  
020 B000001 13-3873456  
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020 A000002 JANNEY MONTGOMERY SCOTT LLC  
020 B000002 23-0731260  
020 C000002 0  
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022 A000001 FFI INSTITUTIONAL TAX-EXEMPT FUND  
022 B000001 22-2509978  
022 C000001 193757  
022 D000001 203931  
022 A000002 JEFFERIES & COMPANY, INC.  
022 B000002 95-2622990  
022 C000002 44496  
022 D000002 31679  
022 A000003 APEX PRYOR SECURITIES INC  
022 C000003 14235  
022 D000003 45443  
PAGE 3  
022 A000004 STIFEL, NICOLAUS & COMPANY, INCORPORATED  
022 B000004 43-0538770  
022 C000004 34115  
022 D000004 18874  
022 A000005 MORGAN STANLEY & CO INC  
022 B000005 13-2655998  
022 C000005 37617  
022 D000005 7955  
022 A000006 CITIGROUP GLOBAL MARKETS INC  
022 B000006 11-2418191  
022 C000006 37195  
022 D000006 1639  
022 A000007 SIEBERT, BRANDFORD, SHANK & CO., L.L.C.  
022 C000007 12470  
022 D000007 8168  
022 A000008 BANK OF AMERICA CORP

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080	B000000	NATIONAL UNION FIRE INSURANCE COMPANY
080	C000000	71150
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086	F020000	0
087	A010000	COMMON STOCK
087	A020000	09254P108
087	A030000	MFL
087	B010000	PREFERRED STOCK
088	A000000	N

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088 B000000 N

088 C000000 N

088 D000000 Y

SIGNATURE NEAL J. ANDREWS

TITLE CFO