

BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND

Form NSAR-B

October 29, 2014

PAGE 1  
000 B000000 08/31/2014  
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 THE BANK OF NEW YORK MELLON  
015 B000001 C  
015 C010001 NEW YORK  
015 C020001 NY

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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 288  
019 C000000 BLKRRKADVSR  
020 A000001 BANK OF AMERICA CORP  
020 B000001 56-0906609  
020 C000001 6  
021 000000 6  
022 A000001 FFI INSTITUTIONAL TAX-EXEMPT FUND  
022 B000001 22-2509978  
022 C000001 169419  
022 D000001 190183  
022 A000002 JEFFERIES & COMPANY, INC.  
022 B000002 95-2622990  
022 C000002 37031  
022 D000002 30631  
022 A000003 RAYMOND JAMES & ASSOCIATES, INC.  
022 B000003 59-1237041  
022 C000003 22371  
022 D000003 22149  
022 A000004 STIFEL NICOLAUS & COMPANY INCORPORATED  
022 B000004 43-0538770  
022 C000004 16678  
022 D000004 25148  
022 A000005 WELLS FARGO & CO  
022 B000005 41-0449260  
022 C000005 22094  
022 D000005 13419  
022 A000006 GUGGENHEIM CAPITAL, LLC  
022 C000006 0  
022 D000006 34922  
022 A000007 MORGAN STANLEY  
022 B000007 36-3145972  
022 C000007 24745  
022 D000007 3444  
022 A000008 BANK OF AMERICA CORP  
022 B000008 56-0906609  
PAGE 3  
022 C000008 14906  
022 D000008 12137  
022 A000009 BARCLAYS CAPITAL INC.  
022 B000009 06-1031656  
022 C000009 5859  
022 D000009 19177  
022 A000010 CITIGROUP GLOBAL MARKETS INC  
022 B000010 11-2418191  
022 C000010 8579  
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023 C000000 391196  
023 D000000 423646  
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071	C000000	891428
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072	B000000	42153
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072	D000000	0

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072 E000000 3  
 072 F000000 5000  
 072 G000000 115  
 072 H000000 0  
 072 I000000 49

PAGE 7

072 J000000 40  
 072 K000000 0  
 072 L000000 17  
 072 M000000 82  
 072 N000000 10  
 072 O000000 0  
 072 P000000 2044  
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 072 R000000 61  
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PAGE 8

074 U010000 37808  
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077	O000000	Y
077	Q010000	Y
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080	B000000	NATL UNION FIRE INS CO OF PITTSBURGH PA
080	C000000	68125
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081	B000000	82
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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	