

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  
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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

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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  
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020 A000001 UBS SECURITIES LLC  
020 B000001 13-3873456  
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020 A000002 BANK OF AMERICA CORP  
020 B000002 56-0906609  
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020 A000003 JANNEY MONTGOMERY SCOTT LLC  
020 B000003 23-0731260  
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022 A000001 FFI INSTITUTIONAL TAX-EXEMPT FUND  
022 B000001 22-2509978  
022 C000001 147514  
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022 A000002 BARCLAYS CAPITAL INC.  
022 B000002 13-3299429  
022 C000002 44714  
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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  
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022 A000006 APEX PRYOR SECURITIES INC  
022 C000006 17449  
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022 A000007 BANK OF AMERICA CORP  
022 B000007 56-0906609  
022 C000007 15339

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055 A000000 N  
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086	E010000	0
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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	