

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
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005 000000 N
006 000000 N
007 A000000 N
007 B000000 0
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008 A000001 BLACKROCK ADVISORS, LLC
008 B000001 A
008 C000001 801-47710
008 D010001 WILMINGTON
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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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019 C000000 BLKRRKADVSR
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
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022 A000003 JEFFERIES & COMPANY, INC.
022 B000003 95-2622990
PAGE 3
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022 A000004 J.P. MORGAN SECURITIES INC
022 B000004 13-3299429
022 C000004 38144
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022 A000005 STIFEL, NICOLAUS & COMPANY, INCORPORATED
022 B000005 43-0538770
022 C000005 12640
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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

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087	B010000	PREFERRED STOCK
088	A000000	N
088	B000000	N
088	C000000	N
088	D000000	Y
SIGNATURE	NEAL J. ANDREWS	
TITLE	CFO	