

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
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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
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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 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
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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
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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