

BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND

Form NSAR-A

April 25, 2013

PAGE 1
000 A000000 02/28/2013
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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007 B000000 0
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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 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 CAPITAL MARKETS, LLC
014 B000001 8-67827
PAGE 2
014 A000002 BLACKROCK EXECUTION SERVICES
014 B000002 8-48719
014 A000003 BLACKROCK INVESTMENTS, LLC
014 B000003 8-48436
014 A000004 HARRIS WILLIAMS LLC
014 B000004 8-53380

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014 A000005 PNC CAPITAL MARKETS, INC.
014 B000005 8-32493
014 A000006 PNC INVESTMENTS LLC
014 B000006 8-66195
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015 C010001 NEW YORK
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022 B000001 22-2509978
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022 A000002 JEFFERIES & COMPANY, INC.
022 B000002 95-2622990
022 C000002 74573
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022 A000003 APEX PRYOR SECURITIES INC
022 C000003 15963
022 D000003 19239
022 A000004 STIFEL NICOLAUS & COMPANY INCORPORATED
022 B000004 43-0538770
022 C000004 5509
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022 A000005 BARCLAYS CAPITAL INC.
022 B000005 13-3299429
022 C000005 23081
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022 A000006 BANK OF AMERICA CORP
022 B000006 56-0906609
022 C000006 13597
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022 A000007 JANNEY MONTGOMERY SCOTT LLC
PAGE 3
022 B000007 23-0731260
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022 A000008 CITIGROUP GLOBAL MARKETS INC
022 B000008 11-2418191
022 C000008 15571
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022 A000009 SIEBERT, BRANDFORD, SHANK & CO., LLC
022 B000009 13-3932653
022 C000009 4027
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022 A000010 MORGAN STANLEY & CO INC
022 B000010 13-2655998
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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