

BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND

Form NSAR-B

October 28, 2015

PAGE 1  
000 B000000 08/31/2015  
000 C000000 1045126  
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000 E000000 NF  
000 F000000 Y  
000 G000000 N  
000 H000000 N  
000 I000000 6.1  
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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 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 STATE STREET BANK AND TRUST COMPANY  
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015 C010001 BOSTON  
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015 C030001 02110  
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022 A000001 FFI INSTITUTIONAL TAX-EXEMPT FUND  
022 B000001 22-2509978  
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022 A000002 PERSHING LLC  
022 B000002 13-2741729  
022 C000002 11905  
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022 A000003 JEFFERIES & COMPANY INC  
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022 A000004 J P MORGAN SECURITIES INC  
022 B000004 13-3299429  
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022 A000005 OPPENHEIMER + CO. INC.  
022 B000005 13-2798343  
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022 A000006 BANK OF AMERICA CORP  
022 B000006 56-0906609  
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022 A000007 MORGAN STANLEY  
022 B000007 36-3145972  
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022 A000008 ROYAL BANK OF CANADA  
022 B000008 13-5033225  
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022 A000009 STIFEL NICOLAUS & COMPANY INCORPORATED  
022 B000009 43-0538770  
022 C000009 4262  
PAGE 3  
022 D000009 9844  
022 A000010 RAYMOND JAMES FINANCIAL INC  
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076 000000 14.06  
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088 D000000 Y  
SIGNATURE NEAL J. ANDREWS  
TITLE CFO