

BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND

Form NSAR-A

April 24, 2015

PAGE 1  
000 A000000 02/28/2015  
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  
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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 CO.  
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015 C010001 BOSTON  
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022 A000002 PERSHING LLC  
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022 A000003 JP MORGAN CHASE BANK  
022 B000003 13-3379014  
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022 A000004 RAYMOND JAMES & ASSOCIATES, INC.  
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022 A000005 OPPENHEIMER + CO. INC.  
022 B000005 13-5657518  
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022 A000006 STIFEL NICOLAUS & COMPANY INCORPORATED  
022 B000006 43-0538770  
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022 A000007 MORGAN STANLEY  
022 B000007 36-3145972  
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022 A000008 CITIGROUP GLOBAL MARKETS INC.  
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022 A000009 BARCLAYS CAPITAL INC.  
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087 A030000 MFL  
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SIGNATURE NEAL J. ANDREWS  
TITLE CFO