

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
004 000000 N
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 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

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form NSAR-A

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
018 000000 Y
019 A000000 Y
019 B000000 287
019 C000000 BLKRRKADVSR
020 A000001 UBS SECURITIES LLC
020 B000001 13-3873456
020 C000001 1
020 A000002 BANK OF AMERICA CORP
020 B000002 56-0906609
020 C000002 1
020 A000003 JANNEY MONTGOMERY SCOTT LLC
020 B000003 23-0731260
020 C000003 0
021 000000 2
022 A000001 FFI INSTITUTIONAL TAX-EXEMPT FUND
022 B000001 22-2509978
022 C000001 147514
022 D000001 139322
022 A000002 BARCLAYS CAPITAL INC.
022 B000002 13-3299429
022 C000002 44714
022 D000002 0
022 A000003 JEFFERIES & COMPANY, INC.
022 B000003 95-2622990
PAGE 3
022 C000003 24022
022 D000003 17077
022 A000004 J.P. MORGAN SECURITIES INC
022 B000004 13-3299429
022 C000004 38144
022 D000004 1702
022 A000005 STIFEL, NICOLAUS & COMPANY, INCORPORATED
022 B000005 43-0538770
022 C000005 12640
022 D000005 20860
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

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form NSAR-A

022	D000007	9495
022	A000008	MORGAN STANLEY & CO INC
022	B000008	13-2655998
022	C000008	18580
022	D000008	2921
022	A000009	CITIGROUP GLOBAL MARKETS INC
022	B000009	11-2418191
022	C000009	11447
022	D000009	9141
022	A000010	GOLDMAN SACHS & CO
022	B000010	13-5108880
022	C000010	13979
022	D000010	0
023	C000000	356937
023	D000000	291650
024	000000	N
026	A000000	N
026	B000000	N
026	C000000	N
026	D000000	Y
026	E000000	N
026	F000000	N
026	G010000	N
026	G020000	N
026	H000000	N
027	000000	N
028	A010000	0
028	A020000	0
028	A030000	0
028	A040000	0
028	B010000	0
028	B020000	0
028	B030000	0
028	B040000	0
028	C010000	0
	PAGE	4
028	C020000	0
028	C030000	0
028	C040000	0
028	D010000	0
028	D020000	0
028	D030000	0
028	D040000	0
028	E010000	0
028	E020000	0
028	E030000	0
028	E040000	0
028	F010000	0
028	F020000	0
028	F030000	0
028	F040000	0
028	G010000	0
028	G020000	0
028	G030000	0
028	G040000	0
028	H000000	0
030	A000000	0
030	B000000	0.00
030	C000000	0.00
031	A000000	0
031	B000000	0
032	000000	0

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form NSAR-A

033	000000	0
035	000000	0
036	B000000	0
038	000000	0
042	A000000	0
042	B000000	0
042	C000000	0
042	D000000	0
042	E000000	0
042	F000000	0
042	G000000	0
042	H000000	0
043	000000	0
044	000000	0
045	000000	Y
046	000000	N
047	000000	Y
048	000000	0.550
048	A010000	0
048	A020000	0.000
048	B010000	0
048	B020000	0.000
048	C010000	0
048	C020000	0.000
048	D010000	0
	PAGE	5
048	D020000	0.000
048	E010000	0
048	E020000	0.000
048	F010000	0
048	F020000	0.000
048	G010000	0
048	G020000	0.000
048	H010000	0
048	H020000	0.000
048	I010000	0
048	I020000	0.000
048	J010000	0
048	J020000	0.000
048	K010000	0
048	K020000	0.000
049	000000	N
050	000000	N
051	000000	N
052	000000	N
053	A000000	Y
053	B000000	Y
053	C000000	N
054	A000000	Y
054	B000000	Y
054	C000000	N
054	D000000	N
054	E000000	N
054	F000000	N
054	G000000	N
054	H000000	Y
054	I000000	N
054	J000000	Y
054	K000000	N
054	L000000	N
054	M000000	Y
054	N000000	N

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form NSAR-A

055 A000000 N
 055 B000000 N
 056 000000 Y
 057 000000 N
 058 A000000 N
 059 000000 Y
 060 A000000 N
 060 B000000 N
 061 000000 0
 062 A000000 Y
 062 B000000 0.0
 062 C000000 0.0
 062 D000000 0.0
 062 E000000 0.0
 062 F000000 0.0
 PAGE 6
 062 G000000 0.0
 062 H000000 0.0
 062 I000000 0.0
 062 J000000 0.0
 062 K000000 0.0
 062 L000000 5.3
 062 M000000 0.0
 062 N000000 0.0
 062 O000000 159.8
 062 P000000 0.0
 062 Q000000 0.0
 062 R000000 0.0
 063 A000000 0
 063 B000000 23.5
 064 A000000 Y
 064 B000000 N
 066 A000000 N
 067 000000 N
 068 A000000 N
 068 B000000 N
 069 000000 N
 070 A010000 Y
 070 A020000 N
 070 B010000 N
 070 B020000 N
 070 C010000 Y
 070 C020000 N
 070 D010000 N
 070 D020000 N
 070 E010000 Y
 070 E020000 Y
 070 F010000 N
 070 F020000 N
 070 G010000 Y
 070 G020000 N
 070 H010000 N
 070 H020000 N
 070 I010000 N
 070 I020000 N
 070 J010000 N
 070 J020000 N
 070 K010000 Y
 070 K020000 Y
 070 L010000 N
 070 L020000 N
 070 M010000 N

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form NSAR-A

070	M020000	N	
070	N010000	N	
070	N020000	N	
070	O010000	Y	
070	O020000	N	
	PAGE	7	
070	P010000	Y	
070	P020000	N	
070	Q010000	N	
070	Q020000	N	
070	R010000	N	
070	R020000	N	
071	A000000		209440
071	B000000		176333
071	C000000		879116
071	D000000		20
072	A000000	6	
072	B000000		21285
072	C000000		0
072	D000000		0
072	E000000		6
072	F000000		2490
072	G000000		59
072	H000000		0
072	I000000		20
072	J000000		19
072	K000000		0
072	L000000		17
072	M000000		23
072	N000000		6
072	O000000		0
072	P000000		1112
072	Q000000		0
072	R000000		28
072	S000000		52
072	T000000		0
072	U000000		0
072	V000000		0
072	W000000		1174
072	X000000		5000
072	Y000000		189
072	Z000000		16480
072AA	000000		7321
072BB	000000		0
072CC	010000		43407
072CC	020000		0
072DD	010000		17315
072DD	020000		0
072EE	000000		0
073	A010000		0.4590
073	A020000		0.0000
073	B000000		0.0000
073	C000000		0.0000
074	A000000		305
074	B000000		0
074	C000000		0
074	D000000		924354
	PAGE	8	
074	E000000		0
074	F000000		0
074	G000000		0
074	H000000		0

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form NSAR-A

074	I000000	30314
074	J000000	14435
074	K000000	0
074	L000000	11011
074	M000000	846
074	N000000	981265
074	O000000	24181
074	P000000	386
074	Q000000	0
074	R010000	0
074	R020000	0
074	R030000	0
074	R040000	103754
074	S000000	274600
074	T000000	578344
074	U010000	0
074	U020000	0
074	V010000	15.33
074	V020000	0.00
074	W000000	0.0000
074	X000000	16170
074	Y000000	324378
075	A000000	0
075	B000000	552446
076	000000	15.31
077	A000000	Y
077	E000000	Y
078	000000	N
080	C000000	0
081	B000000	0
082	B000000	0
083	B000000	0
084	B000000	0
086	A010000	19
086	A020000	279
086	B010000	0
086	B020000	0
086	C010000	0
086	C020000	0
086	D010000	0
086	D020000	0
086	E010000	0
086	E020000	0
086	F010000	0
086	F020000	0
087	A010000	COMMON STOCK
087	A020000	09254P108
	PAGE	9
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	