## BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND

Form N-Q January 22, 2016

## **UNITED STATES**

## SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## **FORM N-Q**

## QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED

## MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number: 811-08349

Name of Fund: BlackRock MuniHoldings Investment Quality Fund (MFL)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

Name and address of agent for service: John M. Perlowski, Chief Executive Officer, BlackRock MuniHoldings

Investment Quality Fund, 55 East 52<sup>nd</sup> Street, New York, NY 10055

Registrant s telephone number, including area code: (800) 882-0052, Option 4

Date of fiscal year end: 08/31/2016

Date of reporting period: 11/30/2015

Item 1 Schedule of Investments

Schedule of Investments November 30, 2015 (Unaudited)

BlackRock MuniHoldings Investment Quality Fund (MFL)

(Percentages shown are based on Net Assets)

	Par		
Municipal Bonds	(000)	Value	
Alabama 3.6%	(000)	v aiue	
City of Birmingham Alabama Special Care Facilities Financing Authority, RB, Children s Hospital (AGC) (a):			
6.00%, 6/01/19	\$ 10,995	\$ 12,825,448	
6.13%, 6/01/19	4,980	5,830,385	
City of Selma Alabama IDB, RB, Gulf Opportunity Zone, International Paper Co. Project,	7,700	3,630,363	
Series A, 5.38%, 12/01/35	1,745	1,929,708	
		20.595.541	
California 24.7%		20,585,541	
California Educational Facilities Authority, RB, University of Southern California, Series A,			
5.25%, 10/01/38	8,920	9,927,514	
California Health Facilities Financing Authority, RB, Sutter Health, Series B, 6.00%, 8/15/42	5,370	6,423,862	
California State University, Refunding RB, Systemwide, Series A, (AGM):	2,210	5,.25,552	
5.00%, 5/01/17 (a)	3,030	3,218,315	
5.00%, 11/01/32	4,930	5,191,438	
City & County of San Francisco California Airports Commission, Refunding ARB, 2nd Series A,	4,250	3,171,430	
AMT:			
5.50%, 5/01/28	3,330	3,997,665	
5.25%, 5/01/33	2,600	2,982,746	
City & County of San Francisco California Airports Commission, Refunding RB, Series A,			
AMT, 5.00%, 5/01/44	3,430	3,789,121	
City of Los Angeles California Department of Water & Power, RB, Power System, Sub-Series	-,	-,,	
A-1, 5.25%, 7/01/38	5,000	5,479,850	
City of Manteca California Financing Authority, RB, Manteca Sewer (AGC):	3,000	3,479,830	
5.63%, 12/01/33	2,450	2,810,591	
5.75%, 12/01/36	3,285	3,762,376	
City of San Jose California, Refunding ARB, Series A-1, AMT, 5.75%, 3/01/34	4,450	5,165,961	
County of Sacramento California, ARB, Senior Series A (AGC), 5.50%, 7/01/41	5,600 <b>Par</b>	6,165,320	
Municipal Bonds	(000)	Value	
	(000)	value	
California (continued)  Norm Community College District CO Sefety Benein & Improvement Election of 2002 Series C			
Kern Community College District, GO, Safety, Repair & Improvement, Election of 2002, Series C,	¢ 4265	¢ 5 207 052	
5.50%, 11/01/33	\$ 4,365	\$ 5,207,052	
Los Angeles California Unified School District, GO, Election of 2002, Series D, 5.25%, 7/01/25  Los Angeles Community College District California, GO:	3,485	3,981,125	
Election of 2001, Series A (NPFGC), 5.00%, 8/01/17 (a)	10,000	10,720,700	
Election of 2008, Series C, 5.25%, 8/01/39	3,375	3,913,718	
Los Angeles Municipal Improvement Corp., Refunding LRB, Real Property, Series B (AGC),			
5.50%, 4/01/39	2,980	3,340,818	
Redondo Beach Unified School District, GO, Election of 2008, Series E, 5.50%, 8/01/34	4,110	4,844,087	
San Diego Public Facilities Financing Authority Water, Refunding RB, Series B (AGC),			
5.38%, 8/01/34	4,690	5,309,924	
State of California, GO, Various Purposes (AGC), 5.50%, 11/01/39	15,000	17,418,300	
State of California Public Works Board, LRB, Various Capital Projects, Series I:			
5.50%, 11/01/30	4,500	5,504,220	
5.50%, 11/01/31	2,615	3,185,907	
5.50%, 11/01/33	2,000	2,436,640	
State of California Public Works Board, RB, Department of Corrections & Rehabilitation, Series F, 5.25%, 9/01/33	2,240	2,643,917	
Township of Washington California Health Care District, GO, Election of 2004, Series B,	_,	-,	
5.50%, 8/01/40	1,685	1,990,288	
University of California, Refunding RB, The Regents of Medical Center, Series J, 5.25%, 5/15/38	12,250	14,061,897	
om versity of Camorina, Retunding RD, The Regents of Medical Center, Series J, 3.2376, 3/13/36	12,230	17,001,07/	
		143,473,352	
Colorado 2.1%			
City & County of Denyer Coloredo Airport System ARR Series A AMT			

City & County of Denver Colorado Airport System, ARB, Series A, AMT:

5.50%, 11/15/28 2,700 3,159,594

BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND

NOVEMBER 30, 2015

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	Par		
W. C. ID. I	(000)	<b>X</b> 7.1	
Municipal Bonds Colorado (continued)	(000)	Value	
City & County of Denver Colorado Airport System, ARB, Series A, AMT (continued):			
5.50%, 11/15/30	\$ 1.040	\$ 1,205,287	
5.50%, 11/15/31	1,250	1,443,913	
Colorado Health Facilities Authority, RB, Hospital, NCMC, Inc. Project, Series B (AGM),	1,230	1,443,713	
6.00%, 5/15/26	5,925	6,587,474	
,	0,7,20	2,221,111	
		12,396,268	
Connecticut 1.3%		12,390,208	
Connecticut State Health & Educational Facility Authority, Refunding RB, Quinnipiac University,			
Series L, 5.00%, 7/01/45	6,685	7,386,457	
Florida 8.9%	0,000	7,500,157	
City of Jacksonville Florida, Refunding RB, Series A, 5.25%, 10/01/33	1,250	1,468,900	
County of Broward Florida Airport System, RB, Series A, AMT, 5.00%, 10/01/45	2,655	2,928,067	
County of Hillsborough Florida Aviation Authority, Refunding ARB, Tampa International Airport,	2,000	2,520,007	
Series A, AMT:			
5.50%, 10/01/29	5,360	6,192,140	
5.25%, 10/01/30	3,255	3,682,772	
County of Lee Florida, Refunding ARB, Series A, AMT, 5.38%, 10/01/32	7,100	7,926,937	
County of Lee Florida Housing Finance Authority, RB, S/F Housing, Multi-County Program, Series	.,200	.,,, -	
A-2, AMT (Ginnie Mae, Fannie Mae & Freddie Mac), 6.00%, 9/01/40	930	935,338	
County of Manatee Florida Housing Finance Authority, RB, S/F Housing, Series A, AMT (Ginnie		, , , , , ,	
Mae, Fannie Mae & Freddie Mac), 5.90%, 9/01/40	350	356,233	
County of Miami-Dade Florida, RB, Seaport:			
Series A, 5.38%, 10/01/33	3,145	3,574,796	
Series B, AMT, 6.25%, 10/01/38	1,405	1,720,591	
Series B, AMT, 6.00%, 10/01/42	1,885	2,223,829	
	Par		
	1 41		
Municipal Bonds		Value	
Municipal Bonds Florida (continued)	(000)	Value	
Florida (continued)		<b>Value</b> \$ 3,363,755	
Florida (continued) County of Miami-Dade Florida, Refunding RB, Water & Sewer System, Series B, 5.25%, 10/01/29	(000)		
Florida (continued)	(000)		
Florida (continued) County of Miami-Dade Florida, Refunding RB, Water & Sewer System, Series B, 5.25%, 10/01/29 County of Miami-Dade Florida Aviation, Refunding ARB, AMT, Series A:	( <b>000</b> ) \$ 2,870	\$ 3,363,755	
Florida (continued) County of Miami-Dade Florida, Refunding RB, Water & Sewer System, Series B, 5.25%, 10/01/29 County of Miami-Dade Florida Aviation, Refunding ARB, AMT, Series A: Miami International Airport (AGM), 5.50%, 10/01/41	(000) \$ 2,870 3,500	\$ 3,363,755 3,848,495	
Florida (continued) County of Miami-Dade Florida, Refunding RB, Water & Sewer System, Series B, 5.25%, 10/01/29 County of Miami-Dade Florida Aviation, Refunding ARB, AMT, Series A: Miami International Airport (AGM), 5.50%, 10/01/41 5.00%, 10/01/31	(000) \$ 2,870 3,500	\$ 3,363,755 3,848,495	
Florida (continued) County of Miami-Dade Florida, Refunding RB, Water & Sewer System, Series B, 5.25%, 10/01/29 County of Miami-Dade Florida Aviation, Refunding ARB, AMT, Series A: Miami International Airport (AGM), 5.50%, 10/01/41 5.00%, 10/01/31 County of Miami-Dade Florida Educational Facilities Authority, Refunding RB, University of	(000) \$ 2,870 3,500 5,465	\$ 3,363,755 3,848,495 6,053,690	
Florida (continued) County of Miami-Dade Florida, Refunding RB, Water & Sewer System, Series B, 5.25%, 10/01/29 County of Miami-Dade Florida Aviation, Refunding ARB, AMT, Series A: Miami International Airport (AGM), 5.50%, 10/01/41 5.00%, 10/01/31 County of Miami-Dade Florida Educational Facilities Authority, Refunding RB, University of Miami-Dade, Series A, 5.00%, 4/01/45	(000) \$ 2,870 3,500 5,465 3,135	\$ 3,363,755 3,848,495 6,053,690 3,448,907	
Florida (continued) County of Miami-Dade Florida, Refunding RB, Water & Sewer System, Series B, 5.25%, 10/01/29 County of Miami-Dade Florida Aviation, Refunding ARB, AMT, Series A: Miami International Airport (AGM), 5.50%, 10/01/41 5.00%, 10/01/31 County of Miami-Dade Florida Educational Facilities Authority, Refunding RB, University of Miami-Dade, Series A, 5.00%, 4/01/45	(000) \$ 2,870 3,500 5,465 3,135	\$ 3,363,755 3,848,495 6,053,690 3,448,907 3,761,092	
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Florida (continued) County of Miami-Dade Florida, Refunding RB, Water & Sewer System, Series B, 5.25%, 10/01/29 County of Miami-Dade Florida Aviation, Refunding ARB, AMT, Series A: Miami International Airport (AGM), 5.50%, 10/01/41 5.00%, 10/01/31 County of Miami-Dade Florida Educational Facilities Authority, Refunding RB, University of Miami-Dade, Series A, 5.00%, 4/01/45 Reedy Creek Improvement District, GO, Series A, 5.25%, 6/01/32  Hawaii 1.9% State of Hawaii, Department of Transportation, COP, AMT: 5.25%, 8/01/25 5.25%, 8/01/26 State of Hawaii, Department of Transportation, RB, Series A, AMT, 5.00%, 7/01/45  Illinois 25.4% City of Chicago Illinois, GARB, O Hare International Airport, 3rd Lien: Series A, 5.75%, 1/01/39 Series C, 6.50%, 1/01/41 City of Chicago Illinois Midway International Airport, Refunding ARB, 2nd Lien, Series A, AMT: 5.50%, 1/01/30 5.50%, 1/01/32	(000) \$ 2,870 3,500 5,465 3,135 3,225 1,350 2,500 5,985 7,395 16,800 6,500 6,275	\$ 3,363,755 3,848,495 6,053,690 3,448,907 3,761,092 51,485,542 1,588,356 2,928,175 6,618,093 11,134,624 8,605,118 20,221,824 7,374,835 7,060,567	
Florida (continued) County of Miami-Dade Florida, Refunding RB, Water & Sewer System, Series B, 5.25%, 10/01/29 County of Miami-Dade Florida Aviation, Refunding ARB, AMT, Series A: Miami International Airport (AGM), 5.50%, 10/01/41 5.00%, 10/01/31 County of Miami-Dade Florida Educational Facilities Authority, Refunding RB, University of Miami-Dade, Series A, 5.00%, 4/01/45 Reedy Creek Improvement District, GO, Series A, 5.25%, 6/01/32  Hawaii 1.9% State of Hawaii, Department of Transportation, COP, AMT: 5.25%, 8/01/25 5.25%, 8/01/26 State of Hawaii, Department of Transportation, RB, Series A, AMT, 5.00%, 7/01/45  Illinois 25.4% City of Chicago Illinois, GARB, O Hare International Airport, 3rd Lien: Series A, 5.75%, 1/01/39 Series C, 6.50%, 1/01/41 City of Chicago Illinois Midway International Airport, Refunding ARB, 2nd Lien, Series A, AMT: 5.50%, 1/01/30 5.50%, 1/01/32 5.00%, 1/01/32 5.00%, 1/01/41	(000) \$ 2,870 3,500 5,465 3,135 3,225 1,350 2,500 5,985 7,395 16,800 6,500	\$ 3,363,755 3,848,495 6,053,690 3,448,907 3,761,092 51,485,542 1,588,356 2,928,175 6,618,093 11,134,624 8,605,118 20,221,824 7,374,835	
Florida (continued) County of Miami-Dade Florida, Refunding RB, Water & Sewer System, Series B, 5.25%, 10/01/29 County of Miami-Dade Florida Aviation, Refunding ARB, AMT, Series A: Miami International Airport (AGM), 5.50%, 10/01/41 5.00%, 10/01/31 County of Miami-Dade Florida Educational Facilities Authority, Refunding RB, University of Miami-Dade, Series A, 5.00%, 4/01/45 Reedy Creek Improvement District, GO, Series A, 5.25%, 6/01/32  Hawaii 1.9% State of Hawaii, Department of Transportation, COP, AMT: 5.25%, 8/01/25 5.25%, 8/01/26 State of Hawaii, Department of Transportation, RB, Series A, AMT, 5.00%, 7/01/45  Illinois 25.4% City of Chicago Illinois, GARB, O Hare International Airport, 3rd Lien: Series A, 5.75%, 1/01/39 Series C, 6.50%, 1/01/41 City of Chicago Illinois Midway International Airport, Refunding ARB, 2nd Lien, Series A, AMT: 5.50%, 1/01/30 5.50%, 1/01/32 5.00%, 1/01/41 City of Chicago Illinois Transit Authority, RB:	(000) \$ 2,870 3,500 5,465 3,135 3,225 1,350 2,500 5,985 7,395 16,800 6,500 6,275 8,020	\$ 3,363,755 3,848,495 6,053,690 3,448,907 3,761,092 51,485,542 1,588,356 2,928,175 6,618,093 11,134,624 8,605,118 20,221,824 7,374,835 7,060,567 8,615,004	
Florida (continued) County of Miami-Dade Florida, Refunding RB, Water & Sewer System, Series B, 5.25%, 10/01/29 County of Miami-Dade Florida Aviation, Refunding ARB, AMT, Series A: Miami International Airport (AGM), 5.50%, 10/01/41 5.00%, 10/01/31 County of Miami-Dade Florida Educational Facilities Authority, Refunding RB, University of Miami-Dade, Series A, 5.00%, 4/01/45 Reedy Creek Improvement District, GO, Series A, 5.25%, 6/01/32  Hawaii 1.9% State of Hawaii, Department of Transportation, COP, AMT: 5.25%, 8/01/25 5.25%, 8/01/26 State of Hawaii, Department of Transportation, RB, Series A, AMT, 5.00%, 7/01/45  Illinois 25.4% City of Chicago Illinois, GARB, O Hare International Airport, 3rd Lien: Series A, 5.75%, 1/01/39 Series C, 6.50%, 1/01/41 City of Chicago Illinois Midway International Airport, Refunding ARB, 2nd Lien, Series A, AMT: 5.50%, 1/01/30 5.50%, 1/01/32 5.00%, 1/01/32 5.00%, 1/01/41	(000) \$ 2,870 3,500 5,465 3,135 3,225 1,350 2,500 5,985 7,395 16,800 6,500 6,275	\$ 3,363,755 3,848,495 6,053,690 3,448,907 3,761,092 51,485,542 1,588,356 2,928,175 6,618,093 11,134,624 8,605,118 20,221,824 7,374,835 7,060,567	

BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND

2

	Par		
W ID	(000)	** .	
Municipal Bonds	(000)	Value	
Illinois (continued) City of Chicago Illinois Transit Authority, RB (continued):			
Sales Tax Receipts, 5.25%, 12/01/40	\$ 10,960	\$ 11,733,009	
Sales Tax Receipts, 5.25%, 12/01/40	6,450	6,923,494	
City of Chicago Illinois Transit Authority, Refunding RB, Federal Transit Administration,	0,150	0,723,171	
Section 5309 (AGM), 5.00%, 6/01/28	7,735	8,226,637	
County of Cook Illinois Community College District No. 508, GO, City College of Chicago:	•	• •	
5.50%, 12/01/38	5,395	6,150,516	
5.25%, 12/01/43	6,305	7,018,159	
Illinois Finance Authority, RB, Carle Foundation, Series A, 6.00%, 8/15/41	4,000	4,691,480	
Railsplitter Tobacco Settlement Authority, RB:			
5.50%, 6/01/23	4,365	5,092,384	
6.00%, 6/01/28	1,245	1,478,935	
State of Illinois, GO:			
5.25%, 2/01/31	2,700	2,896,101	
5.25%, 2/01/32	5,525	5,906,556	
5.50%, 7/01/33	7,820	8,453,185	
5.50%, 7/01/38 5.00%, 2/01/20	1,295 5,000	1,375,691	
5.00%, 2/01/39 State of Illinois Finance Authority, P.P. University of Chicago, Sociog P. 5.50%, 7/01/18 (c)	10,000	5,165,550 11,151,400	
State of Illinois Finance Authority, RB, University of Chicago, Series B, 5.50%, 7/01/18 (a)	10,000	11,151,400	
		147,489,792	
Indiana 3.6%			
Indiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges, Series A, AMT,	4.240	4 222 222	
5.00%, 7/01/40	1,240	1,323,328	
Indiana Municipal Power Agency, Refunding RB, Series A:	1.500	1 722 025	
5.25%, 1/01/32 5.25%, 1/01/33	1,500 1,500	1,732,935 1,729,635	
5.23 /0, 1/01/33			
,		1,727,033	
·	Par	1,727,033	
	Par		
Municipal Bonds		Value	
Municipal Bonds Indiana (continued)	Par		
Municipal Bonds Indiana (continued) Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series	Par (000)	Value	
Municipal Bonds Indiana (continued)	Par		
Municipal Bonds Indiana (continued) Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series	Par (000)	<b>Value</b> \$ 15,882,089	
Municipal Bonds Indiana (continued) Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC), 5.50%, 1/01/38	Par (000)	Value	
Municipal Bonds Indiana (continued) Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC), 5.50%, 1/01/38  Louisiana 0.9%	Par (000)	<b>Value</b> \$ 15,882,089	
Municipal Bonds Indiana (continued) Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC), 5.50%, 1/01/38  Louisiana 0.9% City of New Orleans Louisiana Aviation Board, Refunding GARB, Restructuring (AGC):	(000) \$ 14,105	Value \$ 15,882,089 20,667,987	
Municipal Bonds Indiana (continued) Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC), 5.50%, 1/01/38  Louisiana 0.9% City of New Orleans Louisiana Aviation Board, Refunding GARB, Restructuring (AGC): Series A-1, 6.00%, 1/01/23	(000) \$ 14,105	Value \$ 15,882,089 20,667,987 564,205	
Municipal Bonds Indiana (continued) Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC), 5.50%, 1/01/38  Louisiana 0.9% City of New Orleans Louisiana Aviation Board, Refunding GARB, Restructuring (AGC): Series A-1, 6.00%, 1/01/23 Series A-2, 6.00%, 1/01/23	Par (000) \$ 14,105	Value \$ 15,882,089 20,667,987 564,205 809,676	
Municipal Bonds Indiana (continued) Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC), 5.50%, 1/01/38  Louisiana 0.9% City of New Orleans Louisiana Aviation Board, Refunding GARB, Restructuring (AGC): Series A-1, 6.00%, 1/01/23	(000) \$ 14,105	Value \$ 15,882,089 20,667,987 564,205	
Municipal Bonds Indiana (continued) Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC), 5.50%, 1/01/38  Louisiana 0.9% City of New Orleans Louisiana Aviation Board, Refunding GARB, Restructuring (AGC): Series A-1, 6.00%, 1/01/23 Series A-2, 6.00%, 1/01/23	Par (000) \$ 14,105	Value \$ 15,882,089 20,667,987 564,205 809,676 4,109,583	
Municipal Bonds Indiana (continued) Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC), 5.50%, 1/01/38  Louisiana 0.9% City of New Orleans Louisiana Aviation Board, Refunding GARB, Restructuring (AGC): Series A-1, 6.00%, 1/01/23 Series A-2, 6.00%, 1/01/23 Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A, 5.50%, 5/15/29	Par (000) \$ 14,105	Value \$ 15,882,089 20,667,987 564,205 809,676	
Municipal Bonds Indiana (continued) Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC), 5.50%, 1/01/38  Louisiana 0.9% City of New Orleans Louisiana Aviation Board, Refunding GARB, Restructuring (AGC): Series A-1, 6.00%, 1/01/23 Series A-2, 6.00%, 1/01/23 Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A, 5.50%, 5/15/29  Massachusetts 0.4%	Par (000) \$ 14,105	Value \$ 15,882,089 20,667,987 564,205 809,676 4,109,583	
Municipal Bonds Indiana (continued) Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC), 5.50%, 1/01/38  Louisiana 0.9% City of New Orleans Louisiana Aviation Board, Refunding GARB, Restructuring (AGC): Series A-1, 6.00%, 1/01/23 Series A-2, 6.00%, 1/01/23 Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A, 5.50%, 5/15/29  Massachusetts 0.4% Massachusetts Educational Financing Authority, RB, Education Loan, Issue I, AMT,	Par (000) \$ 14,105 500 720 3,735	Value \$ 15,882,089 20,667,987 564,205 809,676 4,109,583 5,483,464	
Municipal Bonds Indiana (continued) Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC), 5.50%, 1/01/38  Louisiana 0.9% City of New Orleans Louisiana Aviation Board, Refunding GARB, Restructuring (AGC): Series A-1, 6.00%, 1/01/23 Series A-2, 6.00%, 1/01/23 Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A, 5.50%, 5/15/29  Massachusetts 0.4% Massachusetts Educational Financing Authority, RB, Education Loan, Issue I, AMT, 5.00%, 1/01/27	Par (000) \$ 14,105	Value \$ 15,882,089 20,667,987 564,205 809,676 4,109,583	
Municipal Bonds Indiana (continued) Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC), 5.50%, 1/01/38  Louisiana 0.9% City of New Orleans Louisiana Aviation Board, Refunding GARB, Restructuring (AGC): Series A-1, 6.00%, 1/01/23 Series A-2, 6.00%, 1/01/23 Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A, 5.50%, 5/15/29  Massachusetts 0.4% Massachusetts Educational Financing Authority, RB, Education Loan, Issue I, AMT, 5.00%, 1/01/27 Michigan 3.6%	Par (000) \$ 14,105 500 720 3,735	Value \$ 15,882,089 20,667,987  564,205 809,676 4,109,583 5,483,464 2,235,020	
Municipal Bonds Indiana (continued) Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC), 5.50%, 1/01/38  Louisiana 0.9% City of New Orleans Louisiana Aviation Board, Refunding GARB, Restructuring (AGC): Series A-1, 6.00%, 1/01/23 Series A-2, 6.00%, 1/01/23 Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A, 5.50%, 5/15/29  Massachusetts 0.4% Massachusetts Educational Financing Authority, RB, Education Loan, Issue I, AMT, 5.00%, 1/01/27 Michigan 3.6% City of Detroit Michigan Water Supply System, RB, 2nd Lien, Series B (AGM), 6.25%, 7/01/36	9 Par (000) \$ 14,105  500 720 3,735  2,000 6,320	Value \$ 15,882,089 20,667,987  564,205 809,676 4,109,583  5,483,464  2,235,020 6,979,239	
Municipal Bonds Indiana (continued) Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC), 5.50%, 1/01/38  Louisiana 0.9% City of New Orleans Louisiana Aviation Board, Refunding GARB, Restructuring (AGC): Series A-1, 6.00%, 1/01/23 Series A-2, 6.00%, 1/01/23 Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A, 5.50%, 5/15/29  Massachusetts 0.4% Massachusetts Educational Financing Authority, RB, Education Loan, Issue I, AMT, 5.00%, 1/01/27 Michigan 3.6% City of Detroit Michigan Water Supply System, RB, 2nd Lien, Series B (AGM), 6.25%, 7/01/36 Hudsonville Public Schools, GO, School Building & Site (Q-SBLF), 5.25%, 5/01/41	Par (000) \$ 14,105 500 720 3,735	Value \$ 15,882,089 20,667,987  564,205 809,676 4,109,583 5,483,464 2,235,020	
Municipal Bonds Indiana (continued) Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC), 5.50%, 1/01/38  Louisiana 0.9% City of New Orleans Louisiana Aviation Board, Refunding GARB, Restructuring (AGC): Series A-1, 6.00%, 1/01/23 Series A-2, 6.00%, 1/01/23 Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A, 5.50%, 5/15/29  Massachusetts 0.4% Massachusetts Educational Financing Authority, RB, Education Loan, Issue I, AMT, 5.00%, 1/01/27 Michigan 3.6% City of Detroit Michigan Water Supply System, RB, 2nd Lien, Series B (AGM), 6.25%, 7/01/36 Hudsonville Public Schools, GO, School Building & Site (Q-SBLF), 5.25%, 5/01/41 Royal Oak Hospital Finance Authority Michigan, Refunding RB, William Beaumont Hospital,	9 Par (000) \$ 14,105  \$ 500 720 3,735  2,000  6,320 6,015	Value  \$ 15,882,089 20,667,987  564,205 809,676 4,109,583  5,483,464  2,235,020 6,979,239 6,893,010	
Municipal Bonds Indiana (continued) Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC), 5.50%, 1/01/38  Louisiana 0.9% City of New Orleans Louisiana Aviation Board, Refunding GARB, Restructuring (AGC): Series A-1, 6.00%, 1/01/23 Series A-2, 6.00%, 1/01/23 Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A, 5.50%, 5/15/29  Massachusetts 0.4% Massachusetts Educational Financing Authority, RB, Education Loan, Issue I, AMT, 5.00%, 1/01/27 Michigan 3.6% City of Detroit Michigan Water Supply System, RB, 2nd Lien, Series B (AGM), 6.25%, 7/01/36 Hudsonville Public Schools, GO, School Building & Site (Q-SBLF), 5.25%, 5/01/41	9 Par (000) \$ 14,105  500 720 3,735  2,000 6,320	Value \$ 15,882,089 20,667,987  564,205 809,676 4,109,583  5,483,464  2,235,020 6,979,239	
Municipal Bonds Indiana (continued) Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC), 5.50%, 1/01/38  Louisiana 0.9% City of New Orleans Louisiana Aviation Board, Refunding GARB, Restructuring (AGC): Series A-1, 6.00%, 1/01/23 Series A-2, 6.00%, 1/01/23 Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A, 5.50%, 5/15/29  Massachusetts 0.4% Massachusetts Educational Financing Authority, RB, Education Loan, Issue I, AMT, 5.00%, 1/01/27 Michigan 3.6% City of Detroit Michigan Water Supply System, RB, 2nd Lien, Series B (AGM), 6.25%, 7/01/36 Hudsonville Public Schools, GO, School Building & Site (Q-SBLF), 5.25%, 5/01/41 Royal Oak Hospital Finance Authority Michigan, Refunding RB, William Beaumont Hospital,	9 Par (000) \$ 14,105  \$ 500 720 3,735  2,000  6,320 6,015	Value  \$ 15,882,089 20,667,987  564,205 809,676 4,109,583  5,483,464  2,235,020 6,979,239 6,893,010 6,911,955	
Municipal Bonds Indiana (continued) Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC), 5.50%, 1/01/38  Louisiana 0.9% City of New Orleans Louisiana Aviation Board, Refunding GARB, Restructuring (AGC): Series A-1, 6.00%, 1/01/23 Series A-2, 6.00%, 1/01/23 Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A, 5.50%, 5/15/29  Massachusetts 0.4% Massachusetts Educational Financing Authority, RB, Education Loan, Issue I, AMT, 5.00%, 1/01/27 Michigan 3.6% City of Detroit Michigan Water Supply System, RB, 2nd Lien, Series B (AGM), 6.25%, 7/01/36 Hudsonville Public Schools, GO, School Building & Site (Q-SBLF), 5.25%, 5/01/41 Royal Oak Hospital Finance Authority Michigan, Refunding RB, William Beaumont Hospital, Series V, 8.25%, 9/01/18 (a)	9 Par (000) \$ 14,105  \$ 500 720 3,735  2,000  6,320 6,015	Value  \$ 15,882,089 20,667,987  564,205 809,676 4,109,583  5,483,464  2,235,020 6,979,239 6,893,010	
Municipal Bonds Indiana (continued) Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC), 5.50%, 1/01/38  Louisiana 0.9% City of New Orleans Louisiana Aviation Board, Refunding GARB, Restructuring (AGC): Series A-1, 6.00%, 1/01/23 Series A-2, 6.00%, 1/01/23 Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A, 5.50%, 5/15/29  Massachusetts 0.4% Massachusetts Educational Financing Authority, RB, Education Loan, Issue I, AMT, 5.00%, 1/01/27 Michigan 3.6% City of Detroit Michigan Water Supply System, RB, 2nd Lien, Series B (AGM), 6.25%, 7/01/36 Hudsonville Public Schools, GO, School Building & Site (Q-SBLF), 5.25%, 5/01/41 Royal Oak Hospital Finance Authority Michigan, Refunding RB, William Beaumont Hospital, Series V, 8.25%, 9/01/18 (a)	9 Par (000) \$ 14,105  \$ 500 720 3,735  2,000  6,320 6,015	Value  \$ 15,882,089 20,667,987  564,205 809,676 4,109,583  5,483,464  2,235,020 6,979,239 6,893,010 6,911,955	
Municipal Bonds Indiana (continued) Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC), 5.50%, 1/01/38  Louisiana 0.9% City of New Orleans Louisiana Aviation Board, Refunding GARB, Restructuring (AGC): Series A-1, 6.00%, 1/01/23 Series A-2, 6.00%, 1/01/23 Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A, 5.50%, 5/15/29  Massachusetts 0.4% Massachusetts Educational Financing Authority, RB, Education Loan, Issue I, AMT, 5.00%, 1/01/27 Michigan 3.6% City of Detroit Michigan Water Supply System, RB, 2nd Lien, Series B (AGM), 6.25%, 7/01/36 Hudsonville Public Schools, GO, School Building & Site (Q-SBLF), 5.25%, 5/01/41 Royal Oak Hospital Finance Authority Michigan, Refunding RB, William Beaumont Hospital, Series V, 8.25%, 9/01/18 (a)  Minnesota 1.9% City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series B (AGC):	9 Par (000)  \$ 14,105  500 720 3,735  2,000  6,320 6,015 5,780	Value  \$ 15,882,089 20,667,987  564,205 809,676 4,109,583  5,483,464  2,235,020 6,979,239 6,893,010 6,911,955 20,784,204	
Municipal Bonds Indiana (continued) Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC), 5.50%, 1/01/38  Louisiana 0.9% City of New Orleans Louisiana Aviation Board, Refunding GARB, Restructuring (AGC): Series A-1, 6.00%, 1/01/23 Series A-2, 6.00%, 1/01/23 Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A, 5.50%, 5/15/29  Massachusetts 0.4% Massachusetts Educational Financing Authority, RB, Education Loan, Issue I, AMT, 5.00%, 1/01/27 Michigan 3.6% City of Detroit Michigan Water Supply System, RB, 2nd Lien, Series B (AGM), 6.25%, 7/01/36 Hudsonville Public Schools, GO, School Building & Site (Q-SBLF), 5.25%, 5/01/41 Royal Oak Hospital Finance Authority Michigan, Refunding RB, William Beaumont Hospital, Series V, 8.25%, 9/01/18 (a)	9 Par (000) \$ 14,105  \$ 500 720 3,735  2,000  6,320 6,015	Value  \$ 15,882,089 20,667,987  564,205 809,676 4,109,583  5,483,464  2,235,020 6,979,239 6,893,010 6,911,955	

		11,250,187
Mississippi 2.8%		
Mississippi Development Bank, RB, Jackson Water & Sewer System Project (AGM):		
6.88%, 12/01/40	6,405	8,205,125
Special Obligation, 6.75%, 12/01/31	3,775	4,890,814

BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND NOVEMBER 30, 2015

	Par		
Municipal Bonds	(000)	Value	
Mississippi (continued)	(000)	value	
Mississippi Development Bank, RB, Jackson Water & Sewer System Project (AGM) (continued):			
Special Obligation, 6.75%, 12/01/33	\$ 2,350	\$ 3,031,853	
Special Congadon, 6.7576, 12101133	Ψ 2,550	Ψ 3,031,033	
		16 107 700	
No		16,127,792	
Nevada 5.4%  Country of Clork Nevada APP, Lee Venes McCouran International Airmont Series A (ACM)			
County of Clark Nevada, ARB, Las Vegas-McCarran International Airport, Series A (AGM), 5.25%, 7/01/39	11,175	12,504,378	
County of Clark Nevada, GO, Limited Tax, 5.00%, 6/01/38	11,245	12,163,716	
County of Clark Nevada, GO, Emmed Tax, 5.00%, 6/01/38  County of Clark Nevada Water Reclamation District, GO, Series A, 5.25%, 7/01/34	5,850	6,581,484	
County of Clark Nevada Water Rectaination District, Go, Series 11, 5.25 %, Hoffs4	5,050	0,501,404	
		24.240.550	
N. Y. MOC		31,249,578	
New Jersey 7.9%			
New Jersey EDA, RB: Sahaal Facilities Construction (AGC) 6 00%, 12/15/18 (a)	4 200	4.014.210	
School Facilities Construction (AGC), 6.00%, 12/15/18 (a) School Facilities Construction (AGC), 6.00%, 12/15/24	4,280 70	4,914,210	
School Facilities Construction (AGC), 6.00%, 12/15/34 The Goethals Bridge Replacement Project, AMT, 5.38%, 1/01/43	7,000	79,165 7,484,470	
The Goethals Bridge Replacement Project, AM1, 5.38%, 1/01/43  The Goethals Bridge Replacement Project, Private Activity Bond, AMT (AGM), 5.00%, 1/01/31			
New Jersey Health Care Facilities Financing Authority, RB, Virtua Health, Series A (AGC),	2,425	2,677,394	
5.50%, 7/01/38	6,500	7,285,785	
New Jersey Higher Education Student Assistance Authority, Refunding RB, Series 1, AMT,	0,500	1,265,765	
5.75%, 12/01/28	4,475	4,961,343	
New Jersey Transportation Trust Fund Authority, RB, Transportation System:	4,473	4,501,545	
Series A, 5.50%, 6/15/41	5,410	5,762,624	
Series AA, 5.50%, 6/15/39	8,175	8,784,691	
Selies 111, 5.55 %, of 15/37	Par	0,701,071	
Municipal Pands	(000)	Volvo	
Municipal Bonds New James (continued)	(000)	Value	
New Jersey (continued)	, ,		
•	( <b>000</b> ) \$ 3,675	<b>Value</b> \$ 4,100,786	
New Jersey (continued)	, ,	\$ 4,100,786	
New Jersey (continued) New Jersey Turnpike Authority, RB, Series E, 5.00%, 1/01/45	, ,		
New Jersey (continued) New Jersey Turnpike Authority, RB, Series E, 5.00%, 1/01/45  New York 7.4%	, ,	\$ 4,100,786	
New Jersey (continued) New Jersey Turnpike Authority, RB, Series E, 5.00%, 1/01/45  New York 7.4%  City of New York New York Municipal Water Finance Authority, Refunding RB:	\$ 3,675	\$ 4,100,786 46,050,468	
New Jersey (continued) New Jersey Turnpike Authority, RB, Series E, 5.00%, 1/01/45  New York 7.4% City of New York New York Municipal Water Finance Authority, Refunding RB: 2nd General Resolution, Fiscal 2009, Series EE, 5.25%, 6/15/40	\$ 3,675 7,500	\$ 4,100,786 46,050,468 8,428,425	
New Jersey (continued) New Jersey Turnpike Authority, RB, Series E, 5.00%, 1/01/45  New York 7.4%  City of New York New York Municipal Water Finance Authority, Refunding RB: 2nd General Resolution, Fiscal 2009, Series EE, 5.25%, 6/15/40  Water & Sewer System, 2nd General Resolution, Series EE, 5.38%, 6/15/43	\$ 3,675 7,500 3,475	\$ 4,100,786 46,050,468 8,428,425 4,041,703	
New Jersey (continued) New Jersey Turnpike Authority, RB, Series E, 5.00%, 1/01/45  New York 7.4% City of New York New York Municipal Water Finance Authority, Refunding RB: 2nd General Resolution, Fiscal 2009, Series EE, 5.25%, 6/15/40  Water & Sewer System, 2nd General Resolution, Series EE, 5.38%, 6/15/43  Water & Sewer System, Series FF-2, 5.50%, 6/15/40	\$ 3,675 7,500	\$ 4,100,786 46,050,468 8,428,425	
New Jersey (continued) New Jersey Turnpike Authority, RB, Series E, 5.00%, 1/01/45  New York 7.4% City of New York New York Municipal Water Finance Authority, Refunding RB: 2nd General Resolution, Fiscal 2009, Series EE, 5.25%, 6/15/40 Water & Sewer System, 2nd General Resolution, Series EE, 5.38%, 6/15/43 Water & Sewer System, Series FF-2, 5.50%, 6/15/40 City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-4 (AGC),	\$ 3,675 7,500 3,475 4,000	\$ 4,100,786 46,050,468 8,428,425 4,041,703 4,538,280	
New Jersey (continued) New Jersey Turnpike Authority, RB, Series E, 5.00%, 1/01/45  New York 7.4% City of New York New York Municipal Water Finance Authority, Refunding RB: 2nd General Resolution, Fiscal 2009, Series EE, 5.25%, 6/15/40 Water & Sewer System, 2nd General Resolution, Series EE, 5.38%, 6/15/43 Water & Sewer System, Series FF-2, 5.50%, 6/15/40 City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-4 (AGC), 5.50%, 1/15/29	\$ 3,675 7,500 3,475	\$ 4,100,786 46,050,468 8,428,425 4,041,703	
New Jersey (continued) New Jersey Turnpike Authority, RB, Series E, 5.00%, 1/01/45  New York 7.4% City of New York New York Municipal Water Finance Authority, Refunding RB: 2nd General Resolution, Fiscal 2009, Series EE, 5.25%, 6/15/40 Water & Sewer System, 2nd General Resolution, Series EE, 5.38%, 6/15/43 Water & Sewer System, Series FF-2, 5.50%, 6/15/40 City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-4 (AGC), 5.50%, 1/15/29 Metropolitan Transportation Authority, RB:	\$ 3,675 7,500 3,475 4,000 4,000	\$ 4,100,786 46,050,468 8,428,425 4,041,703 4,538,280 4,511,080	
New Jersey (continued) New Jersey Turnpike Authority, RB, Series E, 5.00%, 1/01/45  New York 7.4% City of New York New York Municipal Water Finance Authority, Refunding RB: 2nd General Resolution, Fiscal 2009, Series EE, 5.25%, 6/15/40  Water & Sewer System, 2nd General Resolution, Series EE, 5.38%, 6/15/43  Water & Sewer System, Series FF-2, 5.50%, 6/15/40 City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-4 (AGC), 5.50%, 1/15/29  Metropolitan Transportation Authority, RB: Series A, 5.25%, 11/15/38	\$ 3,675 7,500 3,475 4,000 4,000	\$ 4,100,786 46,050,468 8,428,425 4,041,703 4,538,280 4,511,080 4,699,760	
New Jersey (continued) New Jersey Turnpike Authority, RB, Series E, 5.00%, 1/01/45  New York 7.4% City of New York New York Municipal Water Finance Authority, Refunding RB: 2nd General Resolution, Fiscal 2009, Series EE, 5.25%, 6/15/40  Water & Sewer System, 2nd General Resolution, Series EE, 5.38%, 6/15/43  Water & Sewer System, Series FF-2, 5.50%, 6/15/40 City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-4 (AGC), 5.50%, 1/15/29  Metropolitan Transportation Authority, RB: Series A, 5.25%, 11/15/38 Series A-1, 5.25%, 11/15/39	\$ 3,675 7,500 3,475 4,000 4,000 4,000 4,490	\$ 4,100,786 46,050,468 8,428,425 4,041,703 4,538,280 4,511,080 4,699,760 5,238,483	
New Jersey (continued) New Jersey Turnpike Authority, RB, Series E, 5.00%, 1/01/45  New York 7.4% City of New York New York Municipal Water Finance Authority, Refunding RB: 2nd General Resolution, Fiscal 2009, Series EE, 5.25%, 6/15/40  Water & Sewer System, 2nd General Resolution, Series EE, 5.38%, 6/15/43  Water & Sewer System, Series FF-2, 5.50%, 6/15/40 City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-4 (AGC), 5.50%, 1/15/29  Metropolitan Transportation Authority, RB: Series A, 5.25%, 11/15/38	\$ 3,675 7,500 3,475 4,000 4,000	\$ 4,100,786 46,050,468 8,428,425 4,041,703 4,538,280 4,511,080 4,699,760	
New Jersey (continued) New Jersey Turnpike Authority, RB, Series E, 5.00%, 1/01/45  New York 7.4% City of New York New York Municipal Water Finance Authority, Refunding RB: 2nd General Resolution, Fiscal 2009, Series EE, 5.25%, 6/15/40  Water & Sewer System, 2nd General Resolution, Series EE, 5.38%, 6/15/43  Water & Sewer System, Series FF-2, 5.50%, 6/15/40 City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-4 (AGC), 5.50%, 1/15/29  Metropolitan Transportation Authority, RB: Series A, 5.25%, 11/15/38 Series A-1, 5.25%, 11/15/39	\$ 3,675 7,500 3,475 4,000 4,000 4,000 4,490	\$ 4,100,786 46,050,468 8,428,425 4,041,703 4,538,280 4,511,080 4,699,760 5,238,483 11,475,000	
New Jersey (continued) New Jersey Turnpike Authority, RB, Series E, 5.00%, 1/01/45  New York 7.4% City of New York New York Municipal Water Finance Authority, Refunding RB: 2nd General Resolution, Fiscal 2009, Series EE, 5.25%, 6/15/40  Water & Sewer System, 2nd General Resolution, Series EE, 5.38%, 6/15/43  Water & Sewer System, Series FF-2, 5.50%, 6/15/40 City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-4 (AGC), 5.50%, 1/15/29  Metropolitan Transportation Authority, RB: Series A, 5.25%, 11/15/38 Series A-1, 5.25%, 11/15/39 Port Authority of New York & New Jersey, Refunding ARB, Consolidated, 166th Series, 5.25%, 7/15/36	\$ 3,675 7,500 3,475 4,000 4,000 4,000 4,490	\$ 4,100,786 46,050,468 8,428,425 4,041,703 4,538,280 4,511,080 4,699,760 5,238,483	
New Jersey (continued) New Jersey Turnpike Authority, RB, Series E, 5.00%, 1/01/45  New York 7.4% City of New York New York Municipal Water Finance Authority, Refunding RB: 2nd General Resolution, Fiscal 2009, Series EE, 5.25%, 6/15/40  Water & Sewer System, 2nd General Resolution, Series EE, 5.38%, 6/15/43  Water & Sewer System, Series FF-2, 5.50%, 6/15/40 City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-4 (AGC), 5.50%, 1/15/29  Metropolitan Transportation Authority, RB: Series A, 5.25%, 11/15/38 Series A-1, 5.25%, 11/15/39 Port Authority of New York & New Jersey, Refunding ARB, Consolidated, 166th Series, 5.25%, 7/15/36  Ohio 1.5%	\$ 3,675 7,500 3,475 4,000 4,000 4,000 4,490	\$ 4,100,786 46,050,468 8,428,425 4,041,703 4,538,280 4,511,080 4,699,760 5,238,483 11,475,000	
New Jersey (continued) New Jersey Turnpike Authority, RB, Series E, 5.00%, 1/01/45  New York 7.4% City of New York New York Municipal Water Finance Authority, Refunding RB: 2nd General Resolution, Fiscal 2009, Series EE, 5.25%, 6/15/40  Water & Sewer System, 2nd General Resolution, Series EE, 5.38%, 6/15/43  Water & Sewer System, Series FF-2, 5.50%, 6/15/40 City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-4 (AGC), 5.50%, 1/15/29  Metropolitan Transportation Authority, RB: Series A, 5.25%, 11/15/38 Series A-1, 5.25%, 11/15/39 Port Authority of New York & New Jersey, Refunding ARB, Consolidated, 166th Series, 5.25%, 7/15/36  Ohio 1.5% State of Ohio Turnpike Commission, RB, Junior Lien, Infrastructure Projects, Series A-1:	\$ 3,675 7,500 3,475 4,000 4,000 4,000 4,490 10,000	\$ 4,100,786 46,050,468 8,428,425 4,041,703 4,538,280 4,511,080 4,699,760 5,238,483 11,475,000 42,932,731	
New Jersey (continued) New Jersey Turnpike Authority, RB, Series E, 5.00%, 1/01/45  New York 7.4% City of New York New York Municipal Water Finance Authority, Refunding RB: 2nd General Resolution, Fiscal 2009, Series EE, 5.25%, 6/15/40  Water & Sewer System, 2nd General Resolution, Series EE, 5.38%, 6/15/43  Water & Sewer System, Series FF-2, 5.50%, 6/15/40 City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-4 (AGC), 5.50%, 1/15/29  Metropolitan Transportation Authority, RB: Series A, 5.25%, 11/15/38 Series A-1, 5.25%, 11/15/39 Port Authority of New York & New Jersey, Refunding ARB, Consolidated, 166th Series, 5.25%, 7/15/36  Ohio 1.5% State of Ohio Turnpike Commission, RB, Junior Lien, Infrastructure Projects, Series A-1: 5.25%, 2/15/31	\$ 3,675 7,500 3,475 4,000 4,000 4,000 4,490 10,000	\$ 4,100,786 46,050,468 8,428,425 4,041,703 4,538,280 4,511,080 4,699,760 5,238,483 11,475,000 42,932,731 5,955,132	
New Jersey (continued) New Jersey Turnpike Authority, RB, Series E, 5.00%, 1/01/45  New York 7.4% City of New York New York Municipal Water Finance Authority, Refunding RB: 2nd General Resolution, Fiscal 2009, Series EE, 5.25%, 6/15/40  Water & Sewer System, 2nd General Resolution, Series EE, 5.38%, 6/15/43  Water & Sewer System, Series FF-2, 5.50%, 6/15/40 City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-4 (AGC), 5.50%, 1/15/29  Metropolitan Transportation Authority, RB: Series A, 5.25%, 11/15/38 Series A-1, 5.25%, 11/15/39 Port Authority of New York & New Jersey, Refunding ARB, Consolidated, 166th Series, 5.25%, 7/15/36  Ohio 1.5% State of Ohio Turnpike Commission, RB, Junior Lien, Infrastructure Projects, Series A-1:	\$ 3,675 7,500 3,475 4,000 4,000 4,000 4,490 10,000	\$ 4,100,786 46,050,468 8,428,425 4,041,703 4,538,280 4,511,080 4,699,760 5,238,483 11,475,000 42,932,731	
New Jersey (continued) New Jersey Turnpike Authority, RB, Series E, 5.00%, 1/01/45  New York 7.4% City of New York New York Municipal Water Finance Authority, Refunding RB: 2nd General Resolution, Fiscal 2009, Series EE, 5.25%, 6/15/40  Water & Sewer System, 2nd General Resolution, Series EE, 5.38%, 6/15/43  Water & Sewer System, Series FF-2, 5.50%, 6/15/40 City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-4 (AGC), 5.50%, 1/15/29  Metropolitan Transportation Authority, RB: Series A, 5.25%, 11/15/38 Series A-1, 5.25%, 11/15/39 Port Authority of New York & New Jersey, Refunding ARB, Consolidated, 166th Series, 5.25%, 7/15/36  Ohio 1.5% State of Ohio Turnpike Commission, RB, Junior Lien, Infrastructure Projects, Series A-1: 5.25%, 2/15/31	\$ 3,675 7,500 3,475 4,000 4,000 4,000 4,490 10,000	\$ 4,100,786 46,050,468 8,428,425 4,041,703 4,538,280 4,511,080 4,699,760 5,238,483 11,475,000 42,932,731 5,955,132 2,597,940	
New Jersey (continued) New Jersey Turnpike Authority, RB, Series E, 5.00%, 1/01/45  New York 7.4%  City of New York New York Municipal Water Finance Authority, Refunding RB: 2nd General Resolution, Fiscal 2009, Series EE, 5.25%, 6/15/40  Water & Sewer System, 2nd General Resolution, Series EE, 5.38%, 6/15/43  Water & Sewer System, Series FF-2, 5.50%, 6/15/40  City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-4 (AGC), 5.50%, 1/15/29  Metropolitan Transportation Authority, RB: Series A, 5.25%, 11/15/38  Series A-1, 5.25%, 11/15/39  Port Authority of New York & New Jersey, Refunding ARB, Consolidated, 166th Series, 5.25%, 7/15/36  Ohio 1.5%  State of Ohio Turnpike Commission, RB, Junior Lien, Infrastructure Projects, Series A-1: 5.25%, 2/15/31  5.25%, 2/15/32	\$ 3,675 7,500 3,475 4,000 4,000 4,000 4,490 10,000	\$ 4,100,786 46,050,468 8,428,425 4,041,703 4,538,280 4,511,080 4,699,760 5,238,483 11,475,000 42,932,731 5,955,132	
New Jersey (continued) New Jersey Turnpike Authority, RB, Series E, 5.00%, 1/01/45  New York 7.4% City of New York New York Municipal Water Finance Authority, Refunding RB: 2nd General Resolution, Fiscal 2009, Series EE, 5.25%, 6/15/40 Water & Sewer System, 2nd General Resolution, Series EE, 5.38%, 6/15/43 Water & Sewer System, Series FF-2, 5.50%, 6/15/40 City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-4 (AGC), 5.50%, 1/15/29 Metropolitan Transportation Authority, RB: Series A, 5.25%, 11/15/38 Series A-1, 5.25%, 11/15/39 Port Authority of New York & New Jersey, Refunding ARB, Consolidated, 166th Series, 5.25%, 7/15/36  Ohio 1.5% State of Ohio Turnpike Commission, RB, Junior Lien, Infrastructure Projects, Series A-1: 5.25%, 2/15/31 5.25%, 2/15/32	\$ 3,675 7,500 3,475 4,000 4,000 4,000 4,490 10,000	\$ 4,100,786 46,050,468 8,428,425 4,041,703 4,538,280 4,511,080 4,699,760 5,238,483 11,475,000 42,932,731 5,955,132 2,597,940	
New Jersey (continued) New Jersey Turnpike Authority, RB, Series E, 5.00%, 1/01/45  New York 7.4% City of New York New York Municipal Water Finance Authority, Refunding RB: 2nd General Resolution, Fiscal 2009, Series EE, 5.25%, 6/15/40 Water & Sewer System, 2nd General Resolution, Series EE, 5.38%, 6/15/43 Water & Sewer System, Series FF-2, 5.50%, 6/15/40 City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-4 (AGC), 5.50%, 1/15/29 Metropolitan Transportation Authority, RB: Series A, 5.25%, 11/15/38 Series A-1, 5.25%, 11/15/39 Port Authority of New York & New Jersey, Refunding ARB, Consolidated, 166th Series, 5.25%, 7/15/36  Ohio 1.5% State of Ohio Turnpike Commission, RB, Junior Lien, Infrastructure Projects, Series A-1: 5.25%, 2/15/31 5.25%, 2/15/32  Pennsylvania 2.8% Pennsylvania Economic Development Financing Authority, RB, AMT, Pennsylvania Bridge Finco LP,	\$ 3,675 7,500 3,475 4,000 4,000 4,490 10,000 5,145 2,250	\$ 4,100,786 46,050,468 8,428,425 4,041,703 4,538,280 4,511,080 4,699,760 5,238,483 11,475,000 42,932,731 5,955,132 2,597,940 8,553,072	
New Jersey (continued) New Jersey Turnpike Authority, RB, Series E, 5.00%, 1/01/45  New York 7.4% City of New York New York Municipal Water Finance Authority, Refunding RB: 2nd General Resolution, Fiscal 2009, Series EE, 5.25%, 6/15/40 Water & Sewer System, 2nd General Resolution, Series EE, 5.38%, 6/15/43 Water & Sewer System, Series FF-2, 5.50%, 6/15/40 City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-4 (AGC), 5.50%, 1/15/29 Metropolitan Transportation Authority, RB: Series A, 5.25%, 11/15/38 Series A-1, 5.25%, 11/15/39 Port Authority of New York & New Jersey, Refunding ARB, Consolidated, 166th Series, 5.25%, 7/15/36  Ohio 1.5% State of Ohio Turnpike Commission, RB, Junior Lien, Infrastructure Projects, Series A-1: 5.25%, 2/15/31 5.25%, 2/15/32	\$ 3,675 7,500 3,475 4,000 4,000 4,000 4,490 10,000	\$ 4,100,786 46,050,468 8,428,425 4,041,703 4,538,280 4,511,080 4,699,760 5,238,483 11,475,000 42,932,731 5,955,132 2,597,940	

BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND

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BlackRock MuniHoldings Investment Quality Fund (MFL)

	Par		
Municipal Bonds	(000)	Value	
Pennsylvania (continued)	(000)	v uruc	
Township of Bristol Pennsylvania School District, GO, 5.25%, 6/01/37	\$ 3,000	\$ 3,422,370	
		16,126,812	
South Carolina 6.7%			
County of Charleston South Carolina, RB, Special Source, 5.25%, 12/01/38	6,735	7,785,323	
County of Charleston South Carolina Airport District, ARB, Series A, AMT:			
5.25%, 7/01/25	4,490	5,258,868	
5.50%, 7/01/38	3,000	3,385,980	
6.00%, 7/01/38	5,270	6,125,690	
5.50%, 7/01/41	4,170	4,712,434	
South Carolina Ports Authority, RB, AMT, 5.25%, 7/01/50	3,445	3,831,391	
State of South Carolina Public Service Authority, Refunding RB, Obligations, Series C, 5.00%, 12/01/46	7,000	7,709,240	
		38,808,926	
Texas 16.5%	1.100	4.502.502	
City of Beaumont Texas, GO, Certificates of Obligation, 5.25%, 3/01/37	4,190	4,782,592	
City of Houston Texas Utility System, Refunding RB, Combined 1st Lien, Series A (AGC):	46 -00	44.50	
6.00%, 11/15/35	12,700	14,784,705	
6.00%, 11/15/36	9,435	10,983,755	
5.38%, 11/15/38	5,000	5,642,400	
County of Tarrant Texas Cultural Education Facilities Finance Corp., Refunding RB, Christus Health, Series A (AGC):			
6.50%, 1/01/19 (a)	320	371,334	
6.50%, 7/01/37	1,450	1,635,020	
Dallas Area Rapid Transit, Refunding RB, Senior Lien, 5.25%, 12/01/38	9,110	10,092,604	
Dallas-Fort Worth International Airport, ARB, Joint Improvement, AMT:			
Series A, 5.00%, 11/01/38	5,580	5,996,882	
Series H, 5.00%, 11/01/37	4,575	4,977,142	
Lower Colorado River Authority, Refunding RB, 5.50%, 5/15/33	3,735	4,373,872	
	Par		
Municipal Bonds	(000)	Value	
Texas (continued)	(000)	, arac	
North Texas Tollway Authority, Refunding RB:			
1st Tier (AGM), 6.00%, 1/01/43	\$ 5,555	\$ 6,562,455	
1st Tier, Series K-1 (AGC), 5.75%, 1/01/38	12,150	13,568,634	
Series B, 5.00%, 1/01/40	3,280	3,623,121	
Red River Education Financing Corp., RB, Texas Christian University Project, 5.25%, 3/15/38	7,170	8,193,948	
		95,588,464	
Virginia 1.2%		, , , , , , , , , , , , , , , , , , , ,	
City of Lexington Virginia IDA, RB, Washington & Lee University, 5.00%, 1/01/43	1,750	1,933,085	
Virginia Public School Authority, RB, Fluvanna County School Financing, 6.50%, 12/01/18 (a)	4,300	5,006,705	
		6,939,790	
Washington 1.5%			
City of Seattle Washington Municipal Light & Power, Refunding RB, Series A, 5.25%, 2/01/36	4,200	4,875,486	
State of Washington, GO, Various Purposes, Series B, 5.25%, 2/01/36	3,290	3,819,131	
		9 604 617	
Total Municipal Bonds 122 00/		8,694,617	
Total Municipal Bonds 132.0%		765,444,688	

**Municipal Bonds Transferred to** 

Tender Option Bond Trusts (b)

California 0.5%			
Los Angeles Unified School District California, GO, Series I, 5.00%, 1/01/34	2,400	2,696,232	
District of Columbia 0.6%			
District of Columbia Water & Sewer Authority, Refunding RB, Senior Lien, Series A,			
6.00%, 10/01/18 (a)(c)	3,378	3,847,947	
Florida 2.0%			
County of Hillsborough Florida Aviation Authority, ARB, Tampa International Airport, Series A,			
AMT (AGC), 5.50%, 10/01/38	10,657	11,662,584	

BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND

NOVEMBER 30, 2015

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Municipal Bonds Transferred to	Par	
Tender Option Bond Trusts (b) Indiana 1.8%	(000)	Value
Indiana Health & Educational Facilities Financing Authority, Refunding RB, St. Francis, Series E (AGM), 5.25%, 5/15/41	\$ 9,850	\$ 10,417,655
Kentucky 0.1% Kentucky State Property & Building Commission, Refunding RB, Project No. 93 (AGC), 5.25%, 2/01/27 Nevada 2.5%	404	450,188
County of Clark Nevada Water Reclamation District, GO:		
Limited Tax, 6.00%, 7/01/18 (a)	8,000	9,025,200
Series B, 5.50%, 7/01/29	5,008	5,689,779
N. Y. 226		14,714,979
New Jersey 3.3%  New Jersey Housing & Mortgage Finance Agency, RB, S/F Housing, Series CC, 5.25%, 10/01/29  New Jersey Transportation Trust Fund Authority, RB, Transportation System:	7,402	7,825,285
Series A (AMBAC), 5.00%, 12/15/32	8,000	8,414,880
Series B, 5.25%, 6/15/36 (c)	2,961	3,092,078
		19,332,243
New York 10.9%		
City of New York New York Municipal Water Finance Authority, Refunding RB, Water & Sewer System, 2nd General Resolution, Series FF-2, 5.50%, 6/15/40	4,994	5,666,393
City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-3, 5.25%, 1/15/39	5,619	6,224,036
Hudson Yards Infrastructure Corp., RB, Fiscal 2012, Series A, 5.75%, 2/15/47 (c)	9,249	10,554,407
New York Liberty Development Corp., RB, 1 World Trade Center Port Authority Consolidated Bonds, 5.25%, 12/15/43  Municipal Bonds Transferred to	13,950 <b>Par</b>	16,029,276
Tender Option Bond Trusts (b)	(000)	Value
New York (continued) New York Liberty Development Corp., Refunding RB, 4 World Trade Center Project,		
5.75%, 11/15/51 (c) \$	8,200	\$ 9,461,074
New York State Dormitory Authority, ERB, Personal Income Tax, Series B, 5.25%, 3/15/38	13,500	15,110,415
		63,045,601
Texas 4.3%	10.005	12 200 210
City of San Antonio Texas Public Service Board, Refunding RB, Series A, 5.25%, 2/01/31 (c) North Texas Tollway Authority, RB, Special Projects System, Series A, 5.50%, 9/01/41	12,027 9,640	13,380,319 11,361,222
		11,301,222
J	9,040	
	9,040	24,741,541
Utah 1.2% City of Riverton Utah, RB, IHC Health Services, Inc., 5.00%, 8/15/41	6,373	24,741,541 6,926,941
Utah 1.2%	ŕ	, ,
Utah 1.2% City of Riverton Utah, RB, IHC Health Services, Inc., 5.00%, 8/15/41 Total Municipal Bonds Transferred to	ŕ	, ,
Utah 1.2% City of Riverton Utah, RB, IHC Health Services, Inc., 5.00%, 8/15/41	ŕ	6,926,941
Utah 1.2% City of Riverton Utah, RB, IHC Health Services, Inc., 5.00%, 8/15/41 Total Municipal Bonds Transferred to  Tender Option Bond Trusts 27.2%	ŕ	6,926,941
Utah 1.2% City of Riverton Utah, RB, IHC Health Services, Inc., 5.00%, 8/15/41 Total Municipal Bonds Transferred to  Tender Option Bond Trusts 27.2% Total Long-Term Investments	ŕ	6,926,941
Utah 1.2% City of Riverton Utah, RB, IHC Health Services, Inc., 5.00%, 8/15/41 Total Municipal Bonds Transferred to  Tender Option Bond Trusts 27.2% Total Long-Term Investments  (Cost \$836,122,345) 159.2%	6,373	6,926,941
Utah 1.2% City of Riverton Utah, RB, IHC Health Services, Inc., 5.00%, 8/15/41 Total Municipal Bonds Transferred to  Tender Option Bond Trusts 27.2% Total Long-Term Investments	ŕ	6,926,941

(Cost \$4,961,477) 0.9%	
Total Investments (Cost \$841,083,822*) 160.1%	928,242,076
Other Assets Less Liabilities 1.3%	7,077,778
Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (14.0)%	(80,940,569)
VRDP Shares, at Liquidation Value (47.4)%	(274,600,000)
Net Assets Applicable to Common Shares 100.0%	\$ 579,779,285

<sup>\*</sup> As of November 30, 2015, gross unrealized appreciation and depreciation based on cost for federal income tax purposes were as follows:

Tax cost	\$ 761,222,346
Gross unrealized appreciation	\$ 87,297,700
Gross unrealized depreciation	(1,195,825)
Net unrealized appreciation	\$ 86,101,875

BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND

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## Schedule of Investments (continued)

BlackRock MuniHoldings Investment Quality Fund (MFL)

### Notes to Schedule of Investments

- (a) U.S. Government securities, held in escrow, are used to pay interest on this security, as well as to retire the bond in full at the date indicated, typically at a premium to par.
- (b) Represent bonds transferred to a TOB Trust in exchange of cash and residual certificates received by the Trust. These bonds serve as collateral in a secured borrowing.
- (c) All or a portion of security is subject to a recourse agreement, which may require the Trust to pay the liquidity provider in the event there is a shortfall between the TOB Trust Certificates and proceeds received from the sale of the security contributed to the TOB Trust or in the event of a default on the security. In the case of a shortfall or default, the aggregate maximum potential amount the Trust could ultimately be required to pay under the agreements, which expire from October 1, 2016 to November 15, 2019. Is \$22,519,117.
- (d) During the period ended November 30, 2015, investments in issuers considered to be an affiliate of the Trust for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

### Shares Held

	at August 31,	August 31, Net at November 30,		
Affiliate	2015	Activity	2015	Income
FFI Institutional Tax-Exempt Fund	3,674,880	1,286,597	4,961,477	\$ 176

(e) Represents the current yield as of period end.

Derivative Financial Instruments Outstanding as of Period End

**Financial Futures Contracts** 

			Notional		
Contracts				Unr	ealized
(Short)	Issue	Expiration	Value	Depr	eciation
(52)	10-Year U.S. Treasury Note	March 2016	\$ 6,574,750	\$	(15,579)
(50)	5-Year U.S. Treasury Note	March 2016	5,933,984		(10,619)
(20)	Long U.S. Treasury Bond	March 2016	3,080,000		(10,649)
(4)	Ultra U.S. Treasury Bond	March 2016	633,750		(3,381)
Total				\$	(40,228)

### **Portfolio Abbreviations**

**AGC** Assured Guarantee Corp.

AGM Assured Guaranty Municipal Corp.

AMBAC American Municipal Bond Assurance Corp.
AMT Alternative Minimum Tax (subject to)

ARB Airport Revenue Bonds **BARB** Building Aid Revenue Bonds COP Certificates of Participation **EDA** Economic Development Authority **ERB** Education Revenue Bonds **GARB** General Airport Revenue Bonds General Obligation Bonds GO Industrial Development Authority IDA IDB Industrial Development Board

LRB Lease Revenue Bonds

**NPFGC** National Public Finance Guarantee Corp.

RB Revenue Bonds S/F Single-Family

BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND

BlackRock MuniHoldings Investment Quality Fund (MFL)

### Fair Value Hierarchy as of Period End

Various inputs are used in determining the fair value of investments and derivative financial instruments. These inputs to valuation techniques are categorized into a fair value hierarchy consisting of three broad levels for financial reporting purposes as follows:

Level 1 unadjusted price quotations in active markets/exchanges for identical assets or liabilities that the Trust has the ability to access

Level 2 other observable inputs (including, but not limited to, quoted prices for similar assets or liabilities in markets that are active, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable for the assets or liabilities (such as interest rates, yield curves, volatilities, prepayment speeds, loss severities, credit risks and default rates) or other market-corroborated inputs)

Level 3 unobservable inputs based on the best information available in the circumstances, to the extent observable inputs are not available (including Trust s own assumptions used in determining the fair value of investments and derivative financial instruments)

The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). Accordingly, the degree of judgment exercised in determining fair value is greatest for instruments categorized in Level 3. The inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, for disclosure purposes, the fair value hierarchy classification is determined based on the lowest level input that is significant to the fair value measurement in its entirety. The significant unobservable inputs used by the Global Valuation Committee in determining the price for Fair Valued Investments are typically categorized as level 3.

Changes in valuation techniques may result in transfers into or out of an assigned level within the hierarchy. In accordance with the Trust spolicy, transfers between different levels of the fair value hierarchy are deemed to have occurred as of the beginning of the reporting period. The categorization of a value determined for investments and derivative financial instruments is based on the pricing transparency of the investments and derivative financial instruments and is not necessarily an indication of the risks associated with investing in those securities. For information about the Trust spolicy regarding valuation of investments and derivative financial instruments, refer to the Trust s most recent financial statements as contained in its annual report.

As of period end, the following tables summarize the Trust s investments and derivative financial instruments categorized in the disclosure hierarchy:

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Long-Term Investments <sup>1</sup>		\$ 923,280,599		\$ 923,280,599
Short-Term Securities	\$ 4,961,477			4,961,477
Total	\$ 4,961,477	\$ 923,280,599		\$ 928,242,076

<sup>&</sup>lt;sup>1</sup> See above Schedule of Investments for values in each sector.

	Level 1	Level 2	Level 3	Total
Derivative Financial Instruments <sup>1</sup>				
Liabilities:				
Interest rate contracts	\$ (40,228)			\$ (40,228)

Derivative financial instruments are financial futures contracts, which are valued at the unrealized appreciation (depreciation) on the instrument.

# Schedule of Investments (concluded)

BlackRock MuniHoldings Investment Quality Fund (MFL)

The Trust may hold assets and/or liabilities in which the fair value approximates the carrying amount for financial reporting purposes. As of period end, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

	Level 1	Level 2	Level 3	Total	
Assets:					
Cash pledged for financial future contracts	\$ 200,150			\$	200,150
Liabilities:					
TOB Trust Certificates		\$ (80,917,855)		(80	),917,855)
VRDP Shares		(274,600,000)		(274	,600,000)
Total	\$ 200,150	\$ (355,517,855)		\$ (355	5,317,705)

During the period ended November 30, 2015, there were no transfers between levels.

BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND

NOVEMBER 30, 2015

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### Item 2 Controls and Procedures

- 2(a) The registrant s principal executive and principal financial officers, or persons performing similar functions, have concluded that the registrant s disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended (the 1940 Act )) are effective as of a date within 90 days of the filing of this report based on the evaluation of these controls and procedures required by Rule 30a-3(b) under the 1940 Act and Rule 13a-15(b) under the Securities Exchange Act of 1934, as amended.
- 2(b) There were no changes in the registrant s internal control over financial reporting (as defined in Rule 30a-3(d) under the 1940 Act) that occurred during the registrant s last fiscal quarter that have materially affected, or are reasonably likely to materially affect, the registrant s internal control over financial reporting.

  Item 3 Exhibits

Certifications Attached hereto

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

BlackRock MuniHoldings Investment Quality Fund

By: /s/ John M. Perlowski

John M. Perlowski

Chief Executive Officer (principal executive officer) of BlackRock MuniHoldings Investment Quality Fund

Date: January 22, 2016

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

By: /s/ John M. Perlowski

John M. Perlowski

Chief Executive Officer (principal executive officer) of BlackRock MuniHoldings Investment Quality Fund

Date: January 22, 2016

By: /s/ Neal J. Andrews

Neal J. Andrews

Chief Financial Officer (principal financial officer) of BlackRock MuniHoldings Investment Quality Fund

Date: January 22, 2016