BLACKROCK MUNIHOLDINGS CALIFORNIA QUALITY FUND, INC. Form N-Q December 22, 2011 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 811-08573
Name of Fund: BlackRock MuniHoldings California Quality Fund, Inc. (MUC)
Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809
Name and address of agent for service: John M. Perlowski, Chief Executive Officer, BlackRock MuniHoldings California Quality Fund, Inc., 5. East 52 nd Street, New York, NY 10055
Registrant's telephone number, including area code: (800) 882-0052, Option 4
Date of fiscal year end: 07/31/2012
Date of reporting period: 10/31/2011
Item 1 – Schedule of Investments

Schedule of Investments October 31, 2011 (Unaudited)

	Par	
Municipal Bonds California 110.5%	(000)	Value
California 110.5% Corporate 0.4%		
City of Chula Vista California, Refunding		
RB, San Diego Gas & Electric, Series		
A, 5.88%, 2/15/34	\$ 2,435	\$ 2,687,461
County/City/Special District/School District 32.3%	, ,,,,,,	-,000,000
Alameda County Joint Powers Authority,		
Refunding RB, Lease (AGM), 5.00%,		
12/01/34	13,180	13,690,198
Bonita Unified School District California,		
GO, Election of 2004, Series B		
(NPFGC), 5.00%, 8/01/29	3,950	4,101,798
Centinela Valley Union High School		
District, GO, Election of 2010, Series		
A, 5.75%, 8/01/41	9,000	9,812,520
Central Unified School District, GO,		
Election of 2008, Series A (AGC),	• (00	
5.63%, 8/01/33	2,600	2,823,054
City of Garden Grove California, COP,		
Series A, Financing Project (AMBAC),	4.040	4 127 022
5.50%, 3/01/26 City of Rodding California, COR	4,040	4,127,022
City of Redding California, COP, Refunding, Series A (AGM), 5.00%,		
6/01/30	5,735	5,996,286
Colton Joint Unified School District, GO,	3,733	3,770,200
Series A (NPFGC), 5.38%, 8/01/26	2,500	2,573,325
County of Kern California, COP, Capital	2,000	2,010,020
Improvements Projects, Series A		
(AGC), 6.00%, 8/01/35	3,500	3,892,315
Covina-Valley Unified School District		
California, GO, Refunding, Series A		
(AGM), 5.50%, 8/01/26	2,395	2,481,843
Culver City Redevelopment Finance		
Authority California, Tax Allocation		
Bonds, Refunding, Series A (AGM),		
5.60%, 11/01/25	3,750	3,761,325
Grossmont Healthcare District, GO,		
Election of 2006, Series B, 6.13%,	2 000	2.255.660
7/15/40	2,000	2,255,660
Los Angeles Community College District		
California, GO, Election of 2001, Series E-1, 5.00%, 8/01/33	11,770	12,409,699
Series E-1, 3.00%, 8/01/33	11,770	12,409,099
	Par	
Municipal Bonds	(000)	Value
California (continued)		
County/City/Special District/School District		
(continued)		
Los Angeles Community Redevelopment		
Agency California, RB, Bunker Hill		
Project, Series A (AGM), 5.00%,		d 10.222.222
12/01/27	\$ 10,000	\$ 10,339,800
Los Angeles County Metropolitan	9,000	9,278,820
Transportation Authority, Refunding		

RB, Proposition A, First Tier, Senior,		
Series A (AMBAC), 5.00%, 7/01/35		
Orange County Sanitation District, COP,		
Series A, 5.00%, 2/01/35	2,500	2,649,375
Oxnard Union High School District, GO,		
Refunding, Election of 2004, Series A		
(AGM), 5.00%, 8/01/35	10,000	10,431,200
Port of Oakland, Refunding RB, Series M		
(FGIC), 5.38%, 11/01/27	18,000	18,073,800
Redlands Unified School District		
California, GO, Election of 2008		
(AGM), 5.25%, 7/01/33	5,000	5,287,350
Redwoods Community College District,		
GO, Election of 2004 (NPFGC), 5.00%,		
8/01/31	4,630	4,776,910
San Bernardino Community College		
District, GO, Election of 2002, Series		
A, 6.25%, 8/01/33	310	355,220
San Diego Regional Building Authority,		
RB, County Operations Center &		
Annex, Series A, 5.50%, 2/01/29	900	970,668
San Jose Financing Authority, RB,		
Convention Center Expansion &		
Renovation Project, 5.75%, 5/01/42	4,500	4,840,875
San Jose Financing Authority, RB,		
Convention Center Expansion &		
Renovation Project, 5.75%, 5/01/36	2,560	2,668,954
Santa Clara Redevelopment Agency		
California, Tax Allocation Bonds,		
Bayshore North Project, Series A		
(AMBAC), 5.50%, 6/01/23	10,000	10,009,000

Portfolio Abbreviations

To simplify the listings of portfolio holdings in the Schedule of Investments, the names and descriptions of many of the securities have been abbreviated according to the following list:

AGC Assured Guaranty Corp.

Assured Guaranty Municipal Corp. AGM AMBAC American Municipal Bond Assurance Corp. Alternative Minimum Tax (subject to) AMTBerkshire Hathaway Assurance Corp. **BHAC** COP Certificates of Participation **FGIC** Financial Guaranty Insurance Co.

General Obligation Bonds **NPFGC** National Public Finance Guarantee Corp.

RBRevenue Bonds

GO

BLACKROCK MUNIHOLDINGS CALIFORNIA QUALITY FUND, INC. OCTOBER 31, 2011

Schedule of Investments (continued)

	Par	
Municipal Bonds	(000)	Value
California (continued)		
County/City/Special District/School District (concluded)		
Snowline Joint Unified School District		
California, COP, Refunding, Refining		
Project (AGC), 5.75%, 9/01/38	\$ 5,635	\$ 6,130,204
Vista Unified School District California,		
GO, Series A (AGM), 5.25%, 8/01/25	10,000	10,231,100
Walnut Valley Unified School District		
California, GO, Election of 2007,		
Measure S, Series A (AGM), 5.00%,		
2/01/33	2,000	2,078,760
West Contra Costa Unified School		
District California, GO (AGM):		
5.25%, 8/01/23	4,500	4,974,300
Election of 2002, Series B,		
5.00%, 8/01/32	6,690	6,723,249
Election of 2005, Series A,		
5.00%, 8/01/35	12,000	12,249,720
Westminster Redevelopment Agency		
California, Tax Allocation Bonds,		
Subordinate, Commercial Padayalanment Project No. 1 (ACC)		
Redevelopment Project No. 1 (AGC), 6.25%, 11/01/39	4,300	4,946,333
0.23%, 11/01/39	4,300	194,940,683
Education 8.7%		171,710,003
Anaheim City School District		
California, GO, Election of 2010		
(AGM), 6.25%, 8/01/40	3,750	4,291,725
California Educational Facilities	,	, ,
Authority, RB, University of Southern		
California, Series A, 5.25%,		
10/01/38	8,000	8,643,920
Gavilan Joint Community College		
District, GO, Election of 2004,		
Series D:		
5.50%, 8/01/31	2,170	2,430,530
5.75%, 8/01/35	8,400	9,460,920
Riverside Community College District,		
GO, Election of 2004, Series C	0.750	0.001.100
(AGM), 5.00%, 8/01/32	8,750	9,081,100
San Diego Community College District,		
GO, Election of 2006 (AGM), 5.00%,	0.555	10 111 202
8/01/30 University of California, RB, Series L,	9,555	10,111,292
5.00%, 5/15/36	2,995	3,095,812
University of California, Refunding RB,	4,773	3,073,012
General, Series A (AMBAC), 5.00%,		
5/15/27	5,000	5,194,800
	2,000	52,310,099
Health 9.9%		

ABAG Finance Authority for Nonprofit Corps, Sharp Healthcare, Refunding RB:

RB:		
6.25%, 8/01/39	5,000	5,357,250
Series A, 6.00%, 8/01/30	2,250	2,438,010
	Par	
Municipal Bonds	(000)	Value
California (continued)		
Health (concluded)		
California Health Facilities Financing		
Authority, RB:		
Kaiser Permanente, Series A		
5.25%, 4/01/39	\$ 6,500 \$	6,509,815
Providence Health Services,		
Series B, 5.50%, 10/01/39	3,970	4,164,411
California Health Facilities Financing		
Authority, Refunding RB:		
Catholic Healthcare West, Series A,		
6.00%, 7/01/34	3,700	3,981,718
Sutter Health, Series A, 5.25%,	- ,	- / /
11/15/46	3,500	3,493,210
Sutter Health, Series B,	2,200	2,1,50,210
6.00%, 8/15/42	9,655	10,527,619
California Statewide Communities	7,003	10,527,015
Development Authority, Kaiser		
Permanente, Series B, 5.25%,		
3/01/45	3,500	2 506 440
California Statewide Communities	3,300	3,506,440
Development Authority, RB:		
Health Facility Memorial		
Health Services, Series A,	4.015	5 126 025
6.00%, 10/01/23	4,915	5,126,935
Kaiser Permanente, Series B,	0.710	0.422.267
5.00%, 3/01/41	8,710	8,423,267
Trinity Health, 5.00%, 12/01/41	4,000	3,975,200
City of Newport Beach California, RB,		
Hoag Memorial Hospital		
Presbyterian, 6.00%, 12/01/40	1,820	2,039,255
		59,543,130
State 5.4%		
California Municipal Finance Authority,		
RB, University of San Diego, Series B,		
5.00%, 10/01/41	6,560	6,641,607
California State Public Works Board, RB,		
California State Prisons, Series C,		
5.75%, 10/01/31	1,205	1,273,962
California State Public Works Board,		
RB, Department of Education,		
Riverside Campus Project, Series B,		
6.50%, 4/01/34	3,670	4,045,661
State of California, GO:		
6.00%, 3/01/33	5,000	5,627,000
6.00%, 4/01/38	4,210	4,660,217
University of California, RB, Limited	, ,	,,
Project, Series D (NPFGC), 5.00%,		
5/15/41	10,000	10,311,700
	10,000	32,560,147
Transportation 15.4%		32,300,117
City of Fresno California, RB, Series B,		
AMT (AGM), 5.50%, 7/01/20	4,455	4,559,024
1111 (11011), 5.50 %, 1101120	2,985	3,128,399
	2,903	3,140,399

City of San Jose California, RB: Series A1, AMT, 5.25%, 3/01/23

BLACKROCK MUNIHOLDINGS CALIFORNIA QUALITY FUND, INC. OCTOBER 31, 2011

Schedule of Investments (continued)

		Par	
Municipal Bonds	(0	000)	Value
California (continued)			
Transportation (concluded) Series A 1 AMT 6 25% 3/01/24	\$	1,400	\$ 1,512,868
Series A1, AMT, 6.25%, 3/01/34 Series D (NPFGC), 5.00%,	Φ	1,400	\$ 1,512,868
3/01/28		5,000	5,020,400
County of Orange California, RB, Series B, 5.75%, 7/01/34		6,345	6,885,911
County of Sacramento California, RB: Senior Series A (AGC), 5.50%		7,270	7,603,330
Senior Series B AMT (AGM), 5.75%, 7/01/28		13,170	14,092,559
Senior Series B AMT (AGM),			
5.25%, 7/01/33 Senior Series B, 5.75%,		19,525	19,897,146
7/01/39		2,650	2,805,926
Los Angeles Department of Airports, RB, Los Angeles Intl Airport, Senior			
Series D, 5.25%, 5/15/29		2,590	2,810,487
Los Angeles Harbor Department, RB, Series B, 5.25%, 8/01/34		5,530	5,982,575
San Francisco City & County Airports			
Commission, RB, Series E, 6.00%, 5/01/39		9,650	10,731,379
San Francisco City & County Airports Commission, Refunding RB, Second			
Series 34E, AMT (AGM), 5.75%, 5/01/24		5,000	5,479,700
San Joaquin County Transportation Authority, RB, Limited Tax, Measure			
K, Series A, 6.00%, 3/01/36		2,400	2,740,536
			93,250,240
Utilities 38.4%			
Anaheim Public Financing Authority, RB, Electric System Distribution			
Facilities, Series A, 5.38%, 10/01/36		2.200	2 295 020
City of Escondido California, COP,		2,200	2,385,020
Refunding, Series A (NPFGC), 5.75%, 9/01/24		465	466,693
City of Los Angeles California,		403	400,093
Refunding RB, Sub, Series A:			
5.00%, 6/01/28		2,000	2,163,660
5.00%, 6/01/32		3,000	3,209,280
Cucamonga Valley Water District, Refunding RB, 5.25%, 9/01/31		3,675	3,986,089
Dublin-San Ramon Services District,			
Refunding RB, 6.00%, 8/01/41		4,000	4,417,720
East Bay Municipal Utility District, Refunding RB, Sub-Series A			
(AMBAC), 5.00%, 6/01/33		6,545	6,896,139
		2,500	2,597,425

Eastern Municipal Water District, COP, Series H, 5.00%, 7/01/33

Imperial Irrigation District, Refunding
RB, System, 5.13%, 11/01/38
9,500
9,801,340

	Par			
Municipal Bonds	(000)		Valu	ie
California (concluded)				
Utilities (concluded)				
Los Angeles County Sanitation Districts				
Financing Authority, Refunding RB,				
Capital Project 14 (BHAC), 5.00%,	Φ	7.015	¢ 0	150 767
10/01/34 Les Angeles Department of Weter &	\$	7,915	\$ 8,	152,767
Los Angeles Department of Water &				
Power, RB:		10,500	1.1	105 265
Series A, 5.38%, 7/01/38 Series A, 5.25%, 7/01/30		16,000		425,365 431,520
Series A, 5.25%, 7/01/39 5.00%, 7/01/41		5,000		254,800
Metropolitan Water District of Southern		3,000	J,.	234,000
California, RB, Series B-1 (FGIC),				
5.00%, 10/01/33		8,605	8	850,070
Metropolitan Water District of Southern		0,003	0,	050,070
California, RB, Series C, 5.00%,				
10/01/27		4,085	4	888,765
Oxnard Financing Authority, RB,		1,005	.,	000,703
(NPFGC):				
Project, 5.00%, 6/01/31		10,000	10.	254,600
Redwood Trunk Sewer &		-,	-,	- ,
Headworks, Series A, 5.25%,				
6/01/34		13,000	13,	454,220
Sacramento City Financing Authority				
California, Refunding RB (NPFGC),				
5.00%, 12/01/29		8,775	8,	881,177
Sacramento Municipal Utility District,				
RB (NPFGC):				
Cosumnes Project, 5.13%,				
7/01/29		36,760	37,	068,416
Series R, 5.00%, 8/15/33		22,150	22,	359,539
San Diego Public Facilities Financing				
Authority, Refunding RB, Senior,				
Series A:				
5.25%, 5/15/39		3,165	,	350,532
5.25%, 5/15/34		1,000	1,	064,570
San Francisco City & County Public				
Utilities Commission, RB:				
Local Water Main Sub, Series		5,000	_	257.150
C, 5.00%, 11/01/41		5,000	3,.	257,150
Series A (NPFGC), 5.00%, 11/01/32		15,000	15	119,250
Series B, 5.00%, 11/01/30		14,000		999,880
Southern California Public Power		17,000	14,	777,000
Authority, Milford Wind Corridor				
Phase II, 5.25%, 7/01/28		6,980	7	696,986
1 mao 11, 5.25 %, 1701120		0,700		432,973
Total Municipal Bonds 110.5%				724,733
20m - Camarpur Bonds 22010 /0			000,	. = 1,733

BLACKROCK MUNIHOLDINGS CALIFORNIA QUALITY FUND, INC. OCTOBER 31, 2011

Schedule of Investments (continued)

Municipal Bonds Transferred to Tender	Par	X7.1
Option Bond (TOB) Trusts (a) California 58.9%	(000)	Value
Corporate 7.0%		
San Francisco Bay Area Rapid Transit		
District, Refunding RB, Series A		
(NPFGC), 5.00%, 7/01/30	\$ 23,10	0 \$ 24,366,804
University of California, RB, Limited	,	, ,
Project, Series B (AGM), 5.00%,		
5/15/33	17,39	7 17,808,230
		42,175,034
County/City/Special District/School District 23.5%		
Contra Costa Community College		
District California, GO, Election of		0.000.04
2002 (NPFGC), 5.00%, 8/01/28	7,80	0 8,008,962
Desert Community College District		
California, GO, Series C (AGM), 5.00%, 8/01/37	16,530	0 17.011.022
Foothill-De Anza Community College	10,33	0 17,011,023
District, GO, Series C, 5.00%,		
8/01/40	10,00	0 10,617,600
Los Angeles Community College District	10,00	10,017,000
California, GO:		
Election of 2001, Series A (NPFGC),		
5.00%, 8/01/32	6,64	7 6,975,039
Election of 2003, Series E (AGM),		
5.00%, 8/01/31	11,21	6 11,696,420
Election of 2008, Series A,		
6.00%, 8/01/33	9,59	6 10,938,542
Ohlone Community College District, GO,		
Ohlone, Series B (AGM), 5.00%, 8/01/30	16.51	0 16 071 276
Poway Unified School District, GO,	16,51	8 16,971,376
Election of 2002, Improvement		
District 02, Series 1-B (AGM), 5.00%,		
8/01/30	10,00	0 10,331,900
San Bernardino Community College	10,00	10,551,500
District California, GO, Election of		
2002, Series C (AGM), 5.00%,		
8/01/31	17,77	0 18,275,023
San Diego Community College District		
California, GO, Election of 2002		
(AGM), 5.00%, 5/01/30	12,549	9 13,314,383
San Francisco Bay Area Transit		
Financing Authority, Refunding RB,	2.40	0 2 500 046
Series A (NPFGC), 5.00%, 7/01/34 San Jose Financing Authority, Refunding	2,49	9 2,588,846
RB, Civic Center Project, Series B		
(AMBAC), 5.00%, 6/01/32	14,80	0 14,832,264
(11111110), 0100 10, 0101132	17,00	141,561,378
Education 9.2%		111,501,570
Chaffey Community College District, GO,	9,90	5 10,179,248
Election of 2002, Series B (NPFGC),		

5.00%, 6/01/30		
Los Rios Community College District,		
GO, Election of 2008, Series A,		
5.00%, 8/01/35	11,000	11,490,600
Mount Diablo California Uniform School District, GO, 5.00%, 6/01/31	4,000	4,078,600
Municipal Bonds Transferred to Tender	Par	
Option Bond (TOB) Trusts (a)	(000)	Value
California (continued)		
Education (concluded)		
Riverside Community College District,		
GO, Election of 2004, Series C	¢ 9.010	0.210.522
(NPFGC), 5.00%, 8/01/32 University of California, RB:	\$ 8,910	0 \$ 9,219,533
Limited Project, Series D (AGM),		
5.00%, 5/15/41	8,000	8,249,360
Series O, 5.75%, 5/15/34	11,190	
54.145 3, 6.176 18, 6.126 1	11,12	55,740,294
Transportation 1.7%		, ,
San Mateo County Transportation		
Authority, Refunding RB, Series A		
(NPFGC), 5.00%, 6/01/32	10,000	0 10,256,500
Utilities 17.5%		
City of Napa California, RB, (AMBAC),	0.404	0.450.500
5.00%, 5/01/35	9,100	9,458,722
East Bay Municipal Utility District, RB,		
Sub-Series A (NPFGC), 5.00%, 6/01/35	12,070	0 12,959,438
East Bay Municipal Utility District,	12,070	12,737,430
Refunding RB, Sub-Series A (AMBAC),		
5.00%, 6/01/37	14,510	0 15,206,915
Los Angeles Department of Water &	·	
Power System, RB, (AGM):		
Sub-Series A-1, 5.00%,		
7/01/31	4,993	5,128,417
Sub-Series A-2, 5.00%,	7.50	7.720.650
7/01/35	7,500	7,738,650
Metropolitan Water District of Southern California, RB, Series A (AGM), 5.00%,		
7/01/35	12,870	0 13,286,473
Rancho Water District Financing	12,070	13,200,473
Authority, Refunding RB, Series A		
(AGM), 5.00%, 8/01/34	5,008	5,244,368
Sacramento Regional County Sanitation		
District, RB, Sacramento Regional		
County Sanitation (NPFGC), 5.00%,		
12/01/36	4,500	0 4,669,425
San Diego County Water Authority, COP,	4.00	1 110 000
Series A (AGM), 5.00%, 5/01/31	4,000	0 4,118,920
San Diego County Water Authority, COP,		
Refunding: Series 2002-A (NPFGC), 5.00%,		
5/01/32	10,000	0 10,128,200
	10,000	10,120,200

BLACKROCK MUNIHOLDINGS CALIFORNIA QUALITY FUND, INC. OCTOBER 31, 2011

Schedule of Investments (concluded)

Municipal Bonds Transferred to Tender		Par	
Option Bond (TOB) Trusts (a)		(000)	Value
California (concluded)			
Utilities (concluded)			
San Diego County Water Authority, COP,			
Refunding (concluded):			
Series 2008-A (AGM), 5.00%,			
5/01/33	\$	16,740	\$ 17,553,062
			105,492,590
Total Municipal Bonds Transferred to			
Tender Option Bond (TOB) Trusts 58.9%			355,225,796
Total Long-Term Investments			
(Cost \$994,211,351) 169.4%			1,021,950,529
Short-Term Securities	9	Shares	
Short-Term Securities BIF California Municipal Money	\$	Shares	
	\$	Shares 4,515,253	4,515,253
BIF California Municipal Money			4,515,253
BIF California Municipal Money Fund, 0.10% (b)(c)			4,515,253 4,515,253
BIF California Municipal Money Fund, 0.10% (b)(c) Total Short-Term Securities			
BIF California Municipal Money Fund, 0.10% (b)(c) Total Short-Term Securities (Cost \$4,515,253) 0.8%	S		
BIF California Municipal Money Fund, 0.10% (b)(c) Total Short-Term Securities (Cost \$4,515,253) 0.8% Total Investments	S		4,515,253
BIF California Municipal Money Fund, 0.10% (b)(c) Total Short-Term Securities (Cost \$4,515,253) 0.8% Total Investments (Cost - \$998,726,604*) 170.2%	,		4,515,253 1,026,465,782
BIF California Municipal Money Fund, 0.10% (b)(c) Total Short-Term Securities (Cost \$4,515,253) 0.8% Total Investments (Cost - \$998,726,604*) 170.2% Other Assets Less Liabilities 2.0% Liability for TOB Trust Certificates, Including Interest	,		4,515,253 1,026,465,782 12,215,047
BIF California Municipal Money Fund, 0.10% (b)(c) Total Short-Term Securities (Cost \$4,515,253) 0.8% Total Investments (Cost - \$998,726,604*) 170.2% Other Assets Less Liabilities 2.0%	,		4,515,253 1,026,465,782

^{*} The cost and unrealized appreciation (depreciation) of investments as of October 31, 2011, as computed for federal income tax purposes, were as follows:

Aggregate cost	\$ 816,854,927
Gross unrealized appreciation	\$ 29,629,697
Gross unrealized depreciation	(1,461,998)
Net unrealized appreciation	\$ 28,167,699

- (a) Securities represent bonds transferred to a TOB in exchange for which the Fund acquired residual interest certificates. These securities serve as collateral in a financing transaction.
- (b) Investments in companies considered to be an affiliate of the Fund during the period, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

Affiliate	Shares Held at July 31, 2011	Net Activity	Shares Held at October 31, 2011	In	come
	7,347,551	(2,832,298)	4,515,253	\$	262

BIF California Municipal Money Fund

(c) Represents the current yield as of report date.

Fair Value Measurements - Various inputs are used in determining the fair value of investments. These inputs are categorized into a disclosure hierarchy consisting of three broad levels for financial reporting purposes as follows:

Level 1 unadjusted price quotations in active markets/exchanges for identical assets and liabilities

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 the Fund s own assumptions used in determining the fair value of investments)

Changes in valuation techniques may result in transfers in or out of an assigned level within the disclosure hierarchy. The categorization of a value determined for investments is based on the pricing transparency of the investment and does not necessarily correspond to the Fund s perceived risk of investing in those securities. For information about the Fund s policy regarding valuation of investments and other significant accounting policies, please refer to the Fund s most recent financial statements as contained in its annual report.

The following table summarizes the inputs used as of October 31, 2011 in determining the fair valuation of the Fund s investments:

Valuation Inputs]	Level 1	Level 2	Level 3	Total
Assets:					
Investments:					
Long-Term Investments ¹			\$ 1,021,950,529		\$ 1,021,950,529
Short-Term Securities	\$	4,515,253			4,515,253
Total	\$	4,515,253	\$ 1,021,950,529		\$ 1,026,465,782

See above Schedule of Investments for values in each sector.

BLACKROCK MUNIHOLDINGS CALIFORNIA QUALITY FUND, INC. OCTOBER 31, 2011

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 California Quality Fund, Inc.

By: /s/ John M. Perlowski
John M. Perlowski
Chief Executive Officer (principal executive officer) of
BlackRock MuniHoldings California Quality Fund, Inc.

Date: December 21, 2011

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 California Quality Fund, Inc.

Date: December 21, 2011

By: /s/ Neal J. Andrews
Neal J. Andrews
Chief Financial Officer (principal financial officer) of
BlackRock MuniHoldings California Quality Fund, Inc.

Date: December 21, 2011