BLACKROCK MUNIHOLDINGS CALIFORNIA QUALITY FUND, INC.

Form N-Q December 21, 2017

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., 55 East 52nd Street, New York, NY 10055

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

Date of fiscal year end: 07/31/2018

Date of reporting period: 10/31/2017

Item 1 Schedule of Investments

Schedule of Investments (unaudited)	BlackRock MuniHoldings California Quality F	und, Inc. (MUC)
October 31, 2017	October 31, 2017 (Percentages shown are based on Net Asset	
		ar
Security Municipal Bonds	(00	0) Value
California 105.4% Corporate 2.7%		
Corporate 2.7% California Pollution Control Financing Authori AMT:	ty, Refunding RB, Waste Management, Inc.,	
Series A-1, 3.38%, 7/01/25	\$ 5,00	00 \$ 5,299,700
Series B-1, 3.00%, 11/01/25	9,00	9,297,900
City of Chula Vista California, Refunding RB,		2 604 220
5.88%, 02/15/34	2,43	35 2,604,330
		17,201,930
County/City/Special District/School District	34.0%	17,201,550
California Municipal Finance Authority, RB, C		
Improvement Program Phase I, Series A, 5.009		45 5,212,696
Centinela Valley Union High School District, C		
08/01/21 ^(a)	9,12	20 10,613,947
Chaffey Joint Union High School District, GO. 0.00%, 8/01/32		50 149,728
0.00%, 8/01/32		00 149,728
0.00%, 8/01/34		10 275,941
0.00%, 8/01/35	54	279,836
0.00%, 8/01/36		00 244,505
0.00%, 8/01/37		303,037
0.00%, 8/01/38		25 277,138
0.00%, 8/01/39 0.00%, 8/01/40	1,8:	50 316,508 55 747,083
0.00%, 8/01/40	•	05 117,419
0.00%, 2/01/42		50 131,331
County of Alameda Joint Powers Authority, Re		,
County of Kern California, COP, Capital Impro	ovements Projects, Series A (AGC), 6.00%,	
02/01/19 ^(a)	3,50	00 3,714,515
County of Los Angeles California Public Work	2 2	1 650 477
D, 5.00%, 12/01/45 County of Orange California Sanitation Distric	1,4:	
County of Orange Camornia Santation Distric		00 2,623,925 ar
Security	(00	
County/City/Special District/School District	•	,
County of San Joaquin California Transportation	•	
Measure K, Series A, 6.00%, 03/01/21 ^(a)		55 \$ 3,080,420
County of Ventura California Community Coll		00 4 122 020
5.50%, 08/01/18 ^(a)	4,00 3,7:	
	3,7.	3,763,987

Culver City Redevelopment Finance Authority California, Refunding, Tax Allocation Bonds, Series A (AGM), 5.60%, 11/01/25 Denair California Unified School District, GO, CAB, Election of 2007 (AGM), 0.00%, 08/01/41^(b) 4,260 1,632,134 Foothill-De Anza Community College District, GO, Refunding, 4.00%, 08/01/40 7,900 8,403,388 Fremont Union High School District, GO, Refunding, 4.00%, 08/01/40 2,500 2,635,950 Garden Grove Unified School District, GO, Election of 2010, Series C, 5.25%, 08/01/40 6,397,545 5,500 Gavilan Joint Community College District, GO, Election of 2004, Series D: 5.50%, 8/01/31 2,170 2,495,348 5.75%, 8/01/35 8,400 9,600,108 Grossmont California Healthcare District, GO, Election of 2006, Series B, 6.13%, 07/15/21^(a) 2,000 2,355,660 Imperial Irrigation District, Series A, Electric System Revenue^(a): 5.13%, 11/01/18 6,530 6,799,950 5.13%, 11/01/18 1,470 1,530,770 Kern Community College District, GO, Safety Repair & Improvements, Series C: 5.25%, 11/01/32 5,715 6,885,203 14,802,554 5.75%, 11/01/34 12,085 Los Alamitos Unified School District, GO, Refunding, School Facilities Improvement: 5.25%, 8/01/23^(a) 2,185 2,623,857 5.25%, 8/01/39 1,515 1,778,322 Los Rios Community College District, GO, Election of 2008, Series A, 5.00%, 08/01/35 11,000 12,072,720

Schedule of Investments 1

Schedule of Investments (unaudited) (continued)

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

October 31, 2017

	Par	
Security	(000)	Value
County/City/Special District/School District (continued)		
Mount San Jacinto Community College District, GO, Series A, 5.00%, 08/01/35 Oxnard Union High School District, GO, Refunding, Election of 2004, Series A (AGM),	\$ 3,565	\$ 4,153,546
5.00%, 08/01/35	10,000	10,859,300
Redlands Unified School District California, GO, Election of 2008 (AGM), 5.25%, 07/01/33	5,000	5,142,550
Rio Elementary School District, GO, Series A (AGM), 5.25%, 08/01/40 Riverside County Public Financing Authority, Tax Allocation Bonds, Series A (BAM),	5,865	6,863,692
4.00%, 10/01/40	2,545	2,685,713
San Diego Regional Building Authority, RB, County Operations Center & Annex, Series A, 5.50%, 02/01/19 ^(a)	905	954,875
San Francisco Bay Area Rapid Transit District, GO, Election of 2016, Green Bonds, Series		
A, 4.00%, 08/01/42	11,585	12,335,360
San Jose California Financing Authority, LRB, Convention Center Expansion & Renovation		
Project, Series A:	2.560	0.560.071
5.75%, 5/01/36	2,560	2,568,371
5.75%, 5/01/42	4,500	5,117,895
San Jose California Financing Authority, Refunding LRB, Civic Center Project, Series A,	5 000	6 500 256
5.00%, 06/01/39	5,800	6,599,356
San Marcos Redevelopment Agency Successor Agency, Refunding, Tax Allocation Bonds,		
Series A:	1 700	2.016.920
5.00%, 10/01/32 5.00%, 10/01/32	1,700	2,016,829
5.00%, 10/01/33 Showling Lint Unified School District COD, Refunding Refining Project (ACC)	1,125	1,329,322
Snowline Joint Unified School District, COP, Refunding, Refining Project (AGC), 5.75%, 09/01/19 ^(a)	5 625	6 110 504
Solano County Community College District, GO, Election of 2012, Series C, 5.25%,	5,635	6,110,594
08/01/42	1,150	1,395,398
Washington Township Health Care District, GO, Election of 2004, Series B, 5.50%,	1,130	1,393,390
08/01/38	1,625	1,968,557
08/01/38	1,023 Par	1,900,557
Security	(000)	Value
County/City/Special District/School District (continued)	(000)	vaiue
West Contra Costa California Unified School District, GO:		
Election of 2010, Series A (AGM), 5.25%, 8/01/41	\$ 5,390	\$ 6,121,585
Election of 2010, Series B, 5.50%, 8/01/39	3,195	3,799,174
Election of 2010, Series B, 5.50%, 8/01/39 Election of 2012, Series A, 5.50%, 8/01/39	2,500	2,972,750
Yuba Community College District, GO, BAM, Election of 2006, Series C, 0.00%,	2,300	2,912,130
08/01/38 ^(b)	5,150	2,431,624
00/01/30	3,130	2,731,027
Education 3.1%		215,580,812
California Municipal Finance Authority, RB, Emerson College, 6.00%, 01/01/22 California Statewide Communities Development Authority, Refunding RB:	2,750	3,272,170

CHF-Irvine LLC, 5.00%, 5/15/40	750	854,940
Front Porch Communities and Services, 4.00%, 4/01/42	3,005	3,085,654
Front Porch Communities and Services, 4.00%, 4/01/47	2,655	2,707,171
Front Porch Communities and Services, 5.00%, 4/01/47	2,995	3,378,210
University of California, Refunding RB, Series AO, 5.00%, 05/15/40	5,430	6,316,611
		19,614,756
Health 12.7%		
ABAG Finance Authority for Nonprofit Corps., Refunding RB, Sharp Healthcare, Series B,		
6.25%, 08/01/39	6,305	6,846,473
California Health Facilities Financing Authority, RB:		
Children s Hospital, Series A, 5.25%, 11/01/41	8,000	8,931,920
Lucile Slater Packard Children s Hospital at Stanford, Series A, 5.00%, 11/15/42	500	583,845
Lucile Slater Packard Children s Hospital at Stanford, Series A, 4.00%, 11/15/47	825	861,812
Providence Health Services, Series B, 5.50%, 10/01/39	4,130	4,433,679

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2017 BLACKROCK QUARTERLY REPORT TO SHAREHOLDERS

Schedule of Investments (unaudited) (continued) BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

October 31, 2017

	D	
Security	<i>Par</i> (000)	Value
Health (continued)	(000)	vaiue
Sutter Health, Series B, 6.00%, 8/15/42	\$ 9.655	\$ 10,858,496
California Health Facilities Financing Authority, Refunding RB, Series A:	+ -,	+ , ,
Dignity Health, 6.00%, 7/01/19 ^(a)	3,700	3,999,959
Providence Health and Services, 5.00%, 10/01/38	10,970	12,689,218
St. Joseph Health System, 5.00%, 7/01/37	10,000	11,340,600
California Municipal Finance Authority, Refunding RB, Community Medical Centers, Series A:		
5.00%, 2/01/32	1,510	1,739,052
5.00%, 2/01/37	3,110	3,517,659
5.00%, 2/01/42	5,250	5,862,885
California Statewide Communities Development Authority, Refunding RB:	-,	2,232,232
John Muir Health, Series A, 5.00%, 8/15/51	1,635	1,831,135
Trinity Health Credit Group Composite Issue, 5.00%, 12/01/41	6,235	6,925,214
		80,421,947
State 7.4%		
State of California, GO:		
Various Purposes, 6.00%, 3/01/33	5,000	5,565,800
Various Purposes, 6.00%, 4/01/38	27,765	29,664,126
State of California, GO, Refunding, Veterans Bond, 4.00%, 12/01/40 State of California Public Works Board, LRB:	4,000	4,232,840
Department of Education, Riverside Campus Project, Series B, 6.50%, 4/01/19 ^(a)	3,670	3,946,681
Various Capital Projects, Series I, 5.50%, 11/01/33	2,015	2,396,661
	Par	
Security	(000)	Value
State (continued)		
State of California Public Works Board, RB, California State Prisons, Series C, 5.75%,		
10/01/31	\$ 1,205	\$ 1,392,486
		47,198,594
Transportation 26.7%		, ,
Alameda Corridor Transportation Authority, Refunding RB, 2nd Subordinate Lien, Series B,		
5.00%, 10/01/35	1,500	1,710,420
Bay Area Toll Authority, Refunding RB, San Francisco Bay Area Toll Bridge, Series D, 1.49%, 04/01/45 ^(c)	5,000	5,024,950
City & County of San Francisco California Airports Commission, ARB, Series E, 6.00%,	3,000	3,024,930
05/01/39	9,650	10,357,731
City & County of San Francisco California Airports Commission, Refunding ARB, AMT:		
2nd Series 34E (AGM), 5.75%, 5/01/18 ^(a)	4,950	5,063,800
2nd Series A, 5.00%, 5/01/29	6,435	7,305,849

City & County of San Francisco California Airports Commission, Refunding RB, AMT (AGM)^(a):

2nd Series 32, 5.75%, 5/01/18	2,290	2,341,960
2nd Series 34, 5.75%, 5/01/18	1,870	1,912,430
2nd Series 34E, 5.75%, 5/01/18	840	859,060
City of Long Beach California Harbor Revenue, Refunding RB, Series C, 5.00%, 05/15/47	5,600	6,573,560
City of Los Angeles California Department of Airports, ARB:		
Los Angeles International Airport, Senior Series D, 5.25%, 5/15/29	2,590	2,849,855
Senior Series A, AMT, 5.00%, 5/15/40	3,830	4,343,182
Series D, AMT, 5.00%, 5/15/35	2,000	2,283,920
Series D, AMT, 5.00%, 5/15/36	1,500	1,708,590
Sub-Series A, AMT, 5.00%, 5/15/47	2,440	2,809,294

SCHEDULE OF INVESTMENTS 3

Schedule of Investments (unaudited) (continued)

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

October 31, 2017

		Par	
Security		(000)	Value
Transportation (continued)		, ,	
City of Los Angeles California Department of Airports, Refunding ARB, Los Angeles			
International Airport, Series A:			
Senior, 5.00%, 5/15/40	\$	3,000	\$ 3,260,310
5.25%, 5/15/39		5,845	6,208,851
City of San Jose California, Refunding ARB, Norman Y Mineta San Jose International		,	, ,
Airport SJC, AMT:			
Series A, 5.00%, 3/01/41		3,075	3,528,993
Series A, 5.00%, 3/01/47		11,770	13,395,555
Series A-1, 5.25%, 3/01/23		3,785	4,232,576
Series A-1, 6.25%, 3/01/34		1,400	1,618,190
County of Sacramento California, Refunding ARB, Senior Series A, 5.00%, 07/01/41		2,500	2,887,150
County of Sacramento California, ARB:			
Senior Series A (AGC), 5.50%, 7/01/18 ^(a)		8,200	8,444,524
Senior Series B, 5.75%, 7/01/39		2,650	2,735,012
County of Sacramento California, ARB:			
Senior Series B, AMT (AGM), 5.75%, 7/01/28		13,275	13,680,153
Senior Series B, AMT (AGM), 5.25%, 7/01/33		18,000	18,475,380
Senior Series B, AMT (AGM), 5.25%, 7/01/39		4,995	5,109,435
County of Sacramento California Airport System Revenue, Refunding ARB, Airport System	l		
Subordinate Revenue, Sub-Series B, 5.00%, 07/01/41		1,250	1,433,288
County of San Bernardino California Transportation Authority, RB, Series A,			
5.25%, 03/01/40		4,545	5,351,056
County of San Diego Regional Airport Authority, RB, Subordinate, Series B, AMT:			
5.00%, 7/01/42		7,015	8,101,343
5.00%, 7/01/47		3,750	4,310,512
Port of Los Angeles California Harbor Department, RB, Series B, 5.25%, 08/01/19 ^(a)		5,530	5,933,966
Port of Los Angeles California Harbor Department, Refunding RB, Series A, AMT,			
5.00%, 08/01/44		500	558,705
		Par	
Security		(000)	Value
Transportation (continued)			
San Francisco Municipal Transportation Agency, RB, 4.00%, 03/01/46	\$	5,000	\$ 5,278,950
			160 600 770
T//11/4 40.06			169,688,550
Utilities 18.8%			
Anaheim Public Financing Authority, RB, Electric System Distribution Facilities, Series A,		• • • • •	
5.38%, 10/01/36		2,200	2,475,594
City of Los Angeles California Department of Water & Power, RB, Water System, Series		0.25-	0.050.51:
A, 5.38%, 07/01/38		9,375	9,839,344
City of Los Angeles California Department of Water & Power, Refunding RB, Water			
System, Series A:			

5.25%, 7/01/39	16,000	18,048,160
5.00%, 7/01/46	5,845	6,763,600
City of Los Angeles California Wastewater System Revenue, Refunding RB, Sub-Series A:		
5.00%, 6/01/20 ^(a)	1,325	1,452,902
5.00%, 6/01/28	675	739,071
City of San Francisco California Public Utilities Commission Water Revenue, RB:		
Series A, 5.00%, 11/01/39	5,245	6,024,302
Series B, 5.00%, 11/01/19 ^(a)	10,000	10,780,700
County of Kern California Water Agency Improvement District No. 4, Refunding RB,		
Series A (AGM):		
4.00%, 5/01/35	1,460	1,551,892
4.00%, 5/01/36	1,430	1,512,339
County of Los Angeles Sanitation Districts Financing Authority, RB, Series A,		
4.00%, 10/01/42	4,935	5,207,610
County of Sacramento California Sanitation Districts Financing Authority, RB, (NPFGC),		
5.00%, 12/01/36	1,010	1,012,485
Dublin-San Ramon Services District Water Revenue, Refunding RB, 6.00%, 08/01/41	4,000	4,594,400
Eastern Municipal Water District, COP, Series H, 5.00%, 07/01/18 ^(a)	2,505	2,570,606
El Dorado Irrigation District/El Dorado County Water Agency, Refunding RB, Series A		
(AGM), 5.25%, 03/01/39	10,000	11,754,100

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2017 BLACKROCK QUARTERLY REPORT TO SHAREHOLDERS

Schedule of Investments (unaudited) (continued) BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

October 31, 2017

	Par	
Security	(000)	Value
Utilities (continued)		
Los Angeles Department of Water & Power Power System Revenue, RB, Power System,		
Series C, 5.00%, 07/01/47	\$ 2,090	\$ 2,455,583
San Diego Public Facilities Financing Authority Sewer, Refunding RB, Senior Series A ^(a) :		
5.25%, 5/15/19	10,000	10,646,200
5.25%, 5/15/19	1,060	1,128,497
San Diego Public Facilities Financing Authority Water, Refunding RB, Series B,		
5.50%, 08/01/19 ^(a)	8,000	8,611,680
San Juan Water District, Refunding RB, San Juan & Citrus Heights, 5.25%, 02/01/33	7,325	