

BLACKROCK MUNIYIELD CALIFORNIA FUND, INC.
Form N-Q
June 22, 2015
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 811-06499

Name of Fund: BlackRock MuniYield California Fund, Inc. (MYC)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

Name and address of agent for service: John M. Perlowski, Chief Executive Officer, BlackRock MuniYield California 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: 07/31/2015

Date of reporting period: 04/30/2015

Item 1 – Schedule of Investments

Schedule of Investments April 30, 2015 (Unaudited) **BlackRock MuniYield California Fund, Inc. (MYC)**
(Percentages shown are based on Net Assets)

| Municipal Bonds | Par (000) | Value |
|--|--------------|-------------|
| California — 90.0% | | |
| Corporate — 1.7% | | |
| City of Chula Vista | | |
| California, Refunding RB, | | |
| San Diego Gas & Electric: | | |
| Series A, 5.88%, 2/15/34 \$975 | | \$1,144,748 |
| Series D, 5.88%, 1/01/34 4,000 | | 4,696,400 |
| | | 5,841,148 |
| County/City/Special District/School District — | | |
| 31.6% | | |
| Campbell Union High | | |
| School District, GO, | | |
| Election of 2006, Series | 4,000 | 4,723,280 |
| C, 5.75%, 8/01/40 | | |
| City of Los Angeles | | |
| California, COP, Senior, | | |
| Sonnenblick Del Rio West | 2,000 | 2,008,940 |
| Los Angeles (AMBAC), | | |
| 6.20%, 11/01/31 | | |
| City of Los Angeles | | |
| California Municipal | | |
| Improvement Corp., RB, | 2,645 | 3,098,247 |
| Real Property, Series E, | | |
| 6.00%, 9/01/34 | | |
| City of San Jose | | |
| California Hotel Tax, RB, | | |
| Convention Center | | |
| Expansion & Renovation | | |
| Project: | | |
| 6.50%, 5/01/36 | 1,520 | 1,853,822 |
| 6.50%, 5/01/42 | 1,860 | 2,250,061 |
| County of San Joaquin | | |
| California Transportation | | |
| Authority, Refunding RB, | 2,440 | 2,959,842 |
| Limited Tax, Measure K, | | |
| Series A, 6.00%, 3/01/36 | | |
| County of Santa Clara | | |
| California Financing | | |
| Authority, Refunding | 16,000 | 17,637,760 |
| LRB, Series L, 5.25%, | | |
| 5/15/36 | | |
| El Monte Union High | 9,620 | 10,616,728 |
| School District, GO, | | |

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| | | |
|---|-------|-----------|
| Election of 2002, Series C, 5.25%, 6/01/32 Garden Grove Unified School District, GO, Election of 2010, Series C, 5.25%, 8/01/40 Grossmont Healthcare District, GO, Election of 2006, Series B, 6.13%, 7/15/21 (a) | 5,500 | 6,298,930 |
| Irvine Unified School District, Refunding, Special Tax Bonds, 5.00%, 9/01/38 | 1,350 | 1,534,073 |
| Los Angeles Community College District California, GO, Election of 2008, Series C, 5.25%, 8/01/39 | 7,485 | 8,720,474 |

| Municipal Bonds | Par (000) | Value |
|--|-----------|-------------|
| California (continued) | | |
| County/City/Special District/School District (concluded) | | |
| Los Angeles Municipal Improvement Corp., RB, Real Property, Series E, 5.75%, 9/01/34 | \$1,215 | \$1,406,217 |
| Los Rios Community College District, GO, Election of 2002, Series D, 5.38%, 8/01/34 | 4,625 | 5,292,572 |
| Oak Grove School District California, GO, Election of 2008, Series A, 5.50%, 8/01/33 | 4,000 | 4,620,800 |
| Ohlone Community College District, GO, Election of 2010, Series A, 5.25%, 8/01/41 | 7,135 | 8,158,088 |
| Pico Rivera Public Financing Authority, RB, 5.75%, 9/01/39 | 6,035 | 6,968,494 |
| Riverside Community Properties Development, Inc., RB, Riverside County Law Building Project, 6.00%, 10/15/38 | 5,000 | 5,900,200 |
| San Diego Regional Building Authority, RB, County Operations Center & Annex, Series A, 5.38%, 2/01/36 | 4,100 | 4,652,475 |
| Santa Ana Unified School District, GO, Election of 2008, Series A, 5.13%, 8/01/33 | 6,210 | 6,920,734 |
| West Contra Costa California Unified School District, GO, Election of 2012, Series A, 5.50%, 8/01/39 | 2,500 | 2,906,150 |
| | | 110,990,487 |
| Education — 4.9% | | |
| California Educational Facilities Authority, Refunding RB: | | |
| Pitzer College, 6.00%, 4/01/40 | 2,500 | 2,977,900 |
| San Francisco University, 6.13%, 10/01/36 | 1,745 | 2,135,060 |
| California Municipal Finance Authority, RB, Emerson College, 6.00%, 1/01/42 | 2,750 | 3,198,250 |
| California School Finance Authority, RB: | | |
| Alliance College-Ready Public Schools - 2023 Union LLC Project, Series A, 6.00%, 7/01/33 | 1,500 | 1,719,600 |

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Schedule of Investments (continued) **BlackRock MuniYield California Fund, Inc. (MYC)**
(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|--|--------------|--------------|
| Municipal Bonds | | |
| California (continued) | | |
| Education (concluded) | | |
| California School Finance Authority, RB (concluded): | | |
| Alliance College-Ready Public Schools - 2023 Union LLC Project, Series A, 6.30%, 7/01/43 | \$ 3,000 | \$ 3,485,700 |
| Alliance For College-Ready Public Schools Projects, 5.00%, 7/01/45 (b) | 1,330 | 1,410,465 |
| Value Schools, 6.65%, 7/01/33 | 595 | 666,186 |
| Value Schools, 6.90%, 7/01/43 | 1,330 | 1,505,094 |
| | | 17,098,255 |
| Health — 16.0% | | |
| California Health Facilities Financing Authority, RB: | | |
| Children's Hospital, Series A, 5.25%, 11/01/41 | 11,035 | 12,333,047 |
| St. Joseph Health System, Series A, 5.75%, 7/01/39 | 1,000 | 1,155,340 |
| Sutter Health, Series A (BHAC), 5.00%, 11/15/42 | 10,000 | 10,592,200 |
| Sutter Health, Series B, 6.00%, 8/15/42 | 7,530 | 8,994,811 |
| California Health Facilities Financing Authority, Refunding RB, Catholic Healthcare West, Series A, 6.00%, 7/01/39 | 10,000 | 11,540,200 |
| California Statewide Communities Development Authority, RB, Sutter Health, Series A, 6.00%, 8/15/42 | 7,995 | 9,550,267 |
| Washington Township Health Care District, GO, Series B, 5.50%, 8/01/38 | 1,625 | 1,935,115 |
| | | 56,100,980 |
| Housing — 1.0% | | |
| County of Santa Clara California Housing Authority, RB, John Burns Gardens Apartments Project, Series A, AMT, 6.00%, 8/01/41 | 3,500 | 3,502,415 |
| State — 9.8% | | |
| State of California, GO, Various Purposes: | | |
| 6.00%, 4/01/38 | 8,000 | 9,361,920 |
| 6.00%, 11/01/39 | 3,355 | 4,008,353 |

| | Par (000) | Value |
|---|--------------|--------------|
| Municipal Bonds | | |
| California (continued) | | |
| State (concluded) | | |
| State of California Public Works Board, LRB: | | |
| Department of Developmental Services, Poterville, Series C, 6.25%, 4/01/34 | \$ 1,505 | \$ 1,785,126 |
| Department of Education, Riverside Campus Project, Series B, 6.50%, 4/01/34 | 10,000 | 11,960,600 |
| Trustees of the California State University, Series D, 6.00%, 4/01/27 | 215 | 255,039 |
| Various Capital Projects, Series I, 5.50%, 11/01/33 | 1,510 | 1,807,862 |
| Various Capital Projects, Sub-Series I-1, 6.38%, 11/01/34 | 4,400 | 5,352,336 |
| | | 34,531,236 |
| Tobacco — 4.8% | | |
| Golden State Tobacco Securitization Corp., Refunding RB, Asset-Backed: | | |

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| | | |
|--|--------|------------|
| Senior, Series A-1, 5.75%, 6/01/47 | 5,000 | 4,317,950 |
| Series A, 5.00%, 6/01/40 | 11,480 | 12,706,064 |
| | | 17,024,014 |
| Transportation — 8.9% | | |
| City & County of San Francisco California Airports Commission, ARB, Series E, 6.00%, 5/01/39 | 5,215 | 6,111,615 |
| City & County of San Francisco California Airports Commission, Refunding ARB, 2nd Series A, AMT, 5.25%, 5/01/33 | 1,440 | 1,635,005 |
| City of Los Angeles California Department of Airports, Refunding ARB, Los Angeles International Airport, Series A: | | |
| Senior, 5.00%, 5/15/40 | 2,000 | 2,271,520 |
| 5.25%, 5/15/39 | 3,605 | 4,080,824 |
| City of San Jose California, RB, Series A-1, AMT (AGM): | | |
| 5.50%, 3/01/30 | 1,000 | 1,135,750 |
| 5.75%, 3/01/34 | 1,000 | 1,143,780 |
| City of San Jose California, Refunding ARB, Series A-1, AMT, 6.25%, 3/01/34 | 1,400 | 1,649,732 |
| County of Orange California, ARB, Series B, 5.75%, 7/01/34 | 3,000 | 3,298,200 |

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Schedule of Investments (continued) **BlackRock MuniYield California Fund, Inc. (MYC)**
(Percentages shown are based on Net Assets)

| Municipal Bonds | Par (000) | Value |
|---|--------------|--------------------|
| California (concluded) | | |
| Transportation (concluded) | | |
| County of Sacramento California, ARB: | | |
| PFC/Grant, Sub-Series D, 6.00%, 7/01/35 | \$3,000 | \$3,403,830 |
| Senior Series B, 5.75%, 7/01/39 | 900 | 1,015,119 |
| San Francisco Port Commission California, RB, Series A, 5.13%, 3/01/40 | 5,075 | 5,594,578 |
| | | 31,339,953 |
| Utilities — 11.3% | | |
| City of Los Angeles California Department of Water & Power, Refunding RB, Series A, 5.25%, 7/01/39 | 4,000 | 4,474,680 |
| City of Petaluma California Wastewater, Refunding RB, 6.00%, 5/01/36 | 2,645 | 3,196,879 |
| Dublin-San Ramon Services District, Refunding RB, 6.00%, 8/01/41 | 2,420 | 2,898,942 |
| Eastern Municipal Water District, COP, Series H, 5.00%, 7/01/35 | 8,430 | 9,341,283 |
| Los Angeles Department of Water & Power, RB: | | |
| Power System, Sub-Series A-1, 5.25%, 7/01/38 | 3,035 | 3,378,471 |
| Sub-Series A-2 (AGM), 5.00%, 7/01/35 | 4,000 | 4,190,320 |
| Oceanside Public Financing Authority, Refunding RB, Series A: | | |
| 5.25%, 5/01/30 | 1,245 | 1,453,587 |
| 5.25%, 5/01/33 | 2,810 | 3,241,729 |
| San Diego Public Facilities Financing Authority, Refunding RB, Senior Series A, 5.38%, 5/15/34 | 3,920 | 4,507,569 |
| San Francisco City & County California Public Utilities Commission, Refunding RB, Series A, 5.13%, 11/01/39 | 2,480 | 2,837,616 |
| | | 39,521,076 |
| Total Municipal Bonds — 90.0% | | 315,949,564 |

| Municipal Bonds Transferred to Tender Option Bond Trusts (c) | Par (000) | Value |
|---|--------------|--------------|
| California — 70.6% | | |
| County/City/Special District/School District — 36.9% | | |
| City of Los Angeles California, Refunding RB, Series A, 5.00%, 6/01/39 | \$9,870 | \$11,080,062 |
| Los Angeles Community College District California, GO, Election of 2008, Series C: | | |

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| | | |
|---|--------|-------------|
| Election of 2001, Series E-1, 5.00%, 8/01/18 | 14,850 | 16,746,939 |
| 5.25%, 8/01/39 (d) | 9,680 | 11,278,023 |
| Los Angeles Community College District California, GO, Refunding, 6.00%, 8/01/19 (a) | 3,828 | 4,602,840 |
| Los Angeles County Public Works Financing Authority, Refunding RB, Series A: | | |
| 5.00%, 12/01/39 | 17,850 | 20,138,013 |
| 5.00%, 12/01/44 | 14,095 | 15,815,970 |
| Palomar Community College District, GO, Election of 2006, Series C, 5.00%, 8/01/44 | 15,140 | 17,334,240 |
| San Diego Community College District California, GO, Election of 2002, 5.25%, 8/01/33 | 7,732 | 8,918,956 |
| San Francisco Bay Area Rapid Transit District, Refunding RB, Series A (NPFGC), 5.00%, 7/01/30 | 6,000 | 6,047,760 |
| San Marcos Unified School District, GO, Election of 2010, Series A, 5.00%, 8/01/38 | 15,520 | 17,375,261 |
| | | 129,338,064 |
| Education — 15.9% | | |
| California Educational Facilities Authority, RB, University of Southern California, Series B, 5.25%, 10/01/39 (d) | 13,845 | 15,506,400 |
| University of California, RB: | | |
| Series AM, 5.25%, 5/15/44 | 11,950 | 13,921,272 |
| Series I, 5.00%, 5/15/40 | 12,275 | 14,068,742 |
| Series L, 5.00%, 5/15/16 (a) | 8,500 | 8,999,800 |

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Schedule of Investments (continued) **BlackRock MuniYield California Fund, Inc. (MYC)**
(Percentages shown are based on Net Assets)

| Municipal Bonds Transferred to Tender Option Bond Trusts (c) California (continued) Education (concluded) University of California, RB (concluded): | Par (000) | Value |
|--|--------------|-------------|
| Series O, 5.75%, 5/15/19 (a) | \$2,805 | \$3,327,263 |
| | | 55,823,477 |
| Health — 2.3% | | |
| California Statewide Communities Development Authority, Refunding RB, Cottage Health System Obligation, 5.00%, 11/01/43 | 7,350 | 8,195,985 |
| Transportation — 3.2% | | |
| City of Los Angeles Department of Airports, ARB, Series A, AMT, 5.00%, 5/15/45 | 10,045 | 11,158,183 |
| Utilities — 12.3% | | |
| Eastern Municipal Water District, COP, Series H, 5.00%, 7/01/33 | 4,748 | 5,261,409 |
| Los Angeles Department of Water & Power, RB, Power System, Sub-Series A-1 (AMBAC), 5.00%, 7/01/37 | 15,098 | 16,356,569 |

| Municipal Bonds Transferred to Tender Option Bond Trusts (c) California (concluded) Utilities (concluded) Metropolitan Water | Par (000) | Value |
|---|--------------|--------------|
| Metropolitan Water | \$20,000 | \$21,622,600 |

District
of
Southern
California,
RB,
Series
A,
5.00%,
7/01/37

43,240,578

**Total
Municipal
Bonds
Transferred**

**to
Tender** 247,756,287

**Option
Bond**

Trusts
— 70.6%

**Total
Long-Term
Investments** 563,705,851

(Cost
— \$519,632,200)
— 160.6%

Short-Term
Shares
Securities
BIF
California
Municipal
Money
Fund,
0.00%

1,748,978 1,748,978

(e)(f)

**Total
Short-Term
Securities**

1,748,978

(Cost
— \$1,748,978)
— 0.5%

**Total
Investments**
(Cost 565,454,829
— \$521,381,178*)
— 161.1%

Other 6,062,001
Assets
Less

| | |
|----------------------|---------------|
| Liabilities | |
| — 1.8% | |
| Liability | |
| for | |
| TOB | |
| Trust | |
| Certificates, | |
| Including | (114,653,412) |
| Interest | |
| Expense | |
| and | |
| Fees | |
| Payable | |
| — (32.7%) | |
| VRDP | |
| Shares, | |
| at | (105,900,000) |
| Liquidation | |
| Value | |
| — (30.2%) | |
| Net | |
| Assets | |
| Applicable | |
| to | \$350,963,418 |
| Common | |
| Shares | |
| — 100.0% | |

* As of April 30, 2015, gross unrealized appreciation and depreciation based on cost for federal income tax purposes were as follows:

| | |
|-------------------------------|---------------|
| Tax cost | \$406,731,291 |
| Gross unrealized appreciation | \$46,848,112 |
| Gross unrealized depreciation | (2,760,909) |
| Net unrealized appreciation | \$44,087,203 |

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) Security exempt from registration pursuant to Rule 144A under the Securities Act of 1933, as amended. These securities may be resold in transactions exempt from registration to qualified institutional investors.
- (c)

Represent bonds transferred to a TOB Trust in exchange of cash and residual certificates received by the Fund. These bonds serve as collateral in a secured borrowing.

All or a portion of security is subject to a recourse agreement, which may require the Fund to pay the liquidity provider in the event there is a shortfall between the TOB Trust Certificates and proceeds received from the sale of (d) 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 Fund could ultimately be required to pay under the agreements, which expire from October 1, 2016 to August 1, 2018 is \$14,709,685.

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Schedule of Investments (continued) **BlackRock MuniYield California Fund, Inc. (MYC)**

(e) During the period ended April 30, 2015, investments in issuers considered to be an affiliate of the Fund 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, 2014 | Net Activity | Shares Held at April 30, 2015 | Income |
|-------------------------------------|------------------------------------|-----------------|-------------------------------------|----------|
| BIF California Municipal Money Fund | 1,241,527 | 507,451 | 1,748,978 | \$19,056 |

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

Portfolio Abbreviations

| | |
|-------|---|
| AGM | Assured Guaranty Municipal Corp. |
| AMBAC | American Municipal Bond Assurance Corp. |
| AMT | Alternative Minimum Tax (subject to) |
| ARB | Airport Revenue Bonds |
| BHAC | Berkshire Hathaway Assurance Corp. |
| COP | Certificates of Participation |
| GO | General Obligation Bonds |
| LRB | Lease Revenue |

| | |
|-------|-----------|
| | Bonds |
| | National |
| | Public |
| NPFGC | Finance |
| | Guarantee |
| | Corp. |
| RB | Revenue |
| | Bonds |

•As of April 30, 2015, financial futures contracts outstanding were as follows:

| Contracts | Issue | Exchange | Expiration | Notional Value | Unrealized Appreciation |
|-----------|----------------------------|------------------------|------------|----------------|-------------------------|
| Short | 10-Year U.S. Treasury Note | Chicago Board of Trade | June 2015 | \$38,512,500 | \$16,366 |
| (300) | | | | | |

For Fund compliance purposes, the Fund's sector classifications refer to any one or more of the sector sub-classifications used by one or more widely recognized market indexes or rating group indexes, and/or as defined by the investment advisor. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Schedule of Investments (continued) **BlackRock MuniYield California Fund, Inc. (MYC)**

Fair Value Measurements — Various inputs are used in determining the fair value of investments and derivative financial instruments. These inputs to valuation techniques are categorized into a disclosure hierarchy consisting of three broad levels for financial reporting purposes. 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 categorization of a value determined for investments and derivative financial instruments is based on the pricing transparency of the investment and derivative financial instruments and is not necessarily an indication of the risks associated with investing in those securities. The three levels of the fair value hierarchy are as follows:

Level 1 — unadjusted quoted prices in active markets/exchanges for identical assets or liabilities that the Fund 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 the Fund's own assumptions used in determining the fair value of investments and derivative financial instruments)

Changes in valuation techniques may result in transfers into or out of an assigned level within the disclosure hierarchy. In accordance with the Fund's policy, transfers between different levels of the fair value disclosure hierarchy are deemed to have occurred as of the beginning of the reporting period. For information about the Fund's policy regarding valuation of investments and derivative financial instruments, refer to the Fund's most recent financial statements as contained in its semi-annual report.

As of April 30, 2015, the following tables summarize the Fund's investments and derivative financial instruments categorized in the disclosure hierarchy:

| | Level 1 | Level 2 | Level 3 | Total |
|------------------------------------|-------------|---------------|---------|---------------|
| Assets: | | | | |
| Investments: | | | | |
| Long-Term Investments ¹ | — | \$563,705,851 | — | \$563,705,851 |
| Short-Term Securities | \$1,748,978 | — | — | 1,748,978 |
| Total | \$1,748,978 | \$563,705,851 | — | \$565,454,829 |

¹ See above Schedule of Investments for values in each sector.

| | Level 1 | Level 2 | Level 3 | Total |
|---|----------|---------|---------|----------|
| Derivative Financial Instruments ² | | | | |
| Assets: | | | | |
| Interest rate contracts | \$16,366 | — | — | \$16,366 |

² Derivative financial instruments are financial futures contracts, which are valued at the unrealized appreciation/depreciation on the instrument.

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Schedule of Investments (concluded) **BlackRock MuniYield California Fund, Inc. (MYC)**

The Fund may hold assets and/or liabilities in which the fair value approximates the carrying amount for financial reporting purposes. As of April 30, 2015, 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 futures contracts | \$415,000 | — | — | \$415,000 |
| Liabilities: | | | | |
| TOB trust certificates | — | \$(114,636,335) | — | (114,636,335) |
| VRDP Shares | — | (105,900,000) | — | (105,900,000) |
| Total | \$415,000 | \$(220,536,335) | — | \$(220,121,335) |

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

BLACKROCK MUNIYIELD CALIFORNIA FUND, INC. APRIL 30, 2015 7

Item 2 - Controls and Procedures

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

2(a) - 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 MuniYield California Fund, Inc.

By: /s/ John M. Perlowski

John M. Perlowski

Chief Executive Officer (principal executive officer) of
BlackRock MuniYield California Fund, Inc.

Date: June 22, 2015

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 MuniYield California Fund, Inc.

Date: June 22, 2015

By: /s/ Neal J. Andrews

Neal J. Andrews

Chief Financial Officer (principal financial officer) of
BlackRock MuniYield California Fund, Inc.

Date: June 22, 2015