

BLACKROCK MUNIYIELD CALIFORNIA INSURED FUND, INC
Form N-Q
September 26, 2007

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 811-06692

Name of Fund: BlackRock MuniYield California Insured Fund, Inc.

Fund Address: P.O. Box 9011
Princeton, NJ 08543-9011

Name and address of agent for service: Robert C. Doll, Jr., Chief Executive
Officer (principal executive officer), BlackRock MuniYield California
Insured Fund, Inc., 800 Scudders Mill Road, Plainsboro, NJ, 08536.
Mailing address: P.O. Box 9011, Princeton, NJ, 08543-9011

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

Date of fiscal year end: 10/31/2007

Date of reporting period: 05/01/2007 - 07/31/2007

Item 1 - Schedule of Investments

BlackRock MuniYield California Insured Fund, Inc.

Schedule of Investments as of July 31, 2007 (Unaudited)

| | Face Amount | Municipal Bonds |
|---------------------|----------------|--|
| California - 135.5% | \$ 7,000 | ABAG Finance Authority for Nonprofit Corporations, California (Children's Hospital Medical Center), 6% due 12/01/2029 (a) |
| | 2,350 | Alameda, California, GO, 5% due 8/01/2033 (f) |
| | 5,665 | Alhambra, California, Unified School District, GO (Election 5% due 8/01/2029 (b) |
| | 3,580 | Anaheim, California, Public Financing Authority, Electric Sy Facilities Revenue Bonds, Series A, 5% due 10/01/2031 (e) |
| | 2,400 | Anaheim, California, Union High School District, GO (Electio 8/01/2027 (f) |
| | 255 | Bay Area Government Association, California, Tax Allocation Bonds (California Redevelopment Agency Pool), Series A, 6% d |
| | 3,990 | Brentwood, California, Infrastructure Refinancing Authority, Refunding Bonds, Series A, 5.20% due 9/02/2029 (e) |

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| | |
|--------|--|
| 3,215 | California Community College Financing Authority, Lease Revenue Bonds, Series A, 5.95% due 12/01/2009 (f) (g) |
| 1,100 | California Community College Financing Authority, Lease Revenue Bonds, Series A, 6% due 12/01/2009 (f) (g) |
| 5,000 | California Educational Facilities Authority Revenue Bonds (University of California, San Diego), Series A, 5.50% due 10/01/2032 |
| 9,930 | California Educational Facilities Authority, Student Loan Revenue Bonds (CalEdge Loan Program), AMT, 5.55% due 4/01/2028 (a) |
| 3,700 | California HFA, Home Mortgage Revenue Bonds, VRDN, AMT, Series A, due 8/01/2023 (a) (m) |
| 175 | California HFA, Home Mortgage Revenue Bonds, VRDN, Series F, due 2/01/2033 (a) (m) |
| 2,750 | California Health Facilities Financing Authority Revenue Bonds, Series A, 5.50% due 6/01/2022 (e) (i) |
| 295 | California Rural Home Mortgage Finance Authority, S/F Mortgage Revenue Bonds (Mortgage-Backed Securities Program), AMT, Series A, 6.35% due 12/01/2027 (a) |
| 130 | California Rural Home Mortgage Finance Authority, S/F Mortgage Revenue Bonds (Mortgage-Backed Securities Program), AMT, Series B, 6.25% due 12/01/2027 (a) |
| 12,680 | California State Department of Veteran Affairs, Home Purchase Revenue Bonds, Series A, 5.35% due 12/01/2027 (a) |

Portfolio Abbreviations

To simplify the listings of BlackRock MuniYield California Insured Fund, Inc.'s portfolio holdings in the Schedule of Investments, we have abbreviated the names of many of the securities according to the list below.

| | |
|---------|--|
| AMT | Alternative Minimum Tax (subject to) |
| COP | Certificates of Participation |
| DRIVERS | Derivative Inverse Tax-Exempt Receipts |
| GO | General Obligation Bonds |
| HFA | Housing Finance Agency |
| RIB | Residual Interest Bonds |
| S/F | Single-Family |
| VRDN | Variable Rate Demand Notes |

BlackRock MuniYield California Insured Fund, Inc.

Schedule of Investments as of July 31, 2007 (Unaudited) (concluded)

| | Face Amount | Municipal Bonds |
|------------------------|-------------|--|
| California (concluded) | \$ 860 | California State, GO, 6.25% due 10/01/2019 (f) |
| | 3,000 | California State, GO, Refunding, 5.25% due 2/01/2029 |

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| 3,000 | California State, GO, Refunding, Series BX, 5.50% due 12/01/2032 (a) |
| 19,865 | California State, GO, Refunding, Veterans, AMT, Series B, 5.125% due 12/01/2032 (a) |
| 4,530 | California State Public Works Board, Lease Revenue Bonds (De Corrections-Ten Administrative Segregation Housing Units), Series A, 5.50% due 3/01/2020 (a) |
| 2,720 | California State University, Systemwide Revenue Refunding Bonds, Series A, 5.125% due 11/01/2026 (a) |
| 5,950 | California State, Various Purpose, GO, 5.50% due 11/01/2033 |
| 4,100 | California Statewide Communities Development Authority, COP, Series A, 5.30% due 12/01/2015 (e) (i) |
| 3,685 | California Statewide Communities Development Authority, Health Services Bonds (Memorial Health Services), Series A, 6% due 10/01/2026 |
| 2,650 | California Statewide Communities Development Authority, Revenue Bonds (Kaiser Permanente), Series A, 5% due 4/01/2031 |
| 8,155 | Calleguas-Las Virgenes, California, Public Financing Authority, (Calleguas Municipal Water District Project), Series A, 5% due 12/01/2029 |
| 7,000 | Capistrano, California, Unified School District, Community Fund Special Tax Refunding Bonds, 5% due 9/01/2029 (b) |
| 4,600 | Ceres, California, Redevelopment Agency, Tax Allocation Bonds (Project Area Number 1), 5.75% due 11/01/2010 (f) (g) |
| 6,000 | Chaffey, California, Union High School District, GO, Series A, 5.50% due 5/01/2023 (e) |
| 3,000 | Chino Valley, California, Unified School District, GO (Electrical Services), Series C, 5.25% due 8/01/2030 (f) |
| 5,910 | Chula Vista, California, Elementary School District, COP, Series A, 5.50% due 11/01/2029 |
| 10,000 | Coachella Valley, California, Unified School District, COP, Series A, 5.50% due 11/01/2029 |
| 3,275 | Coachella Valley, California, Unified School District, GO (Electrical Services), Series A, 5% due 8/01/2025 (b) |
| 2,540 | Coalinga, California, Redevelopment Agency Tax Allocation Bonds (Project Area Number 1), 5.75% due 9/15/2025 (f) |
| 4,135 | Contra Costa, California, Water District, Water Revenue Refunding Bonds, Series L, 5% due 10/01/2032 (e) |
| 1,735 | Contra Costa, California, Water District, Water Revenue Refunding Bonds, Series O, 5% due 10/01/2024 (a) |
| 12,180 | Contra Costa County, California, COP, Refunding (Merrithew Municipal Water District Project), 5.375% due 11/01/2017 (f) |
| 8,500 | Corona, California, COP (Clearwater Cogeneration Project), Series A, 5.50% due 11/01/2029 |
| 1,485 | East Bay, California, Municipal Utility District, Wastewater Treatment Plant Refunding Bonds, Sub Series A, 5% due 6/01/2037 (a) |

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| 16,500 | East Bay, California, Municipal Utility District, Water System Bonds, Series A, 5% due 6/01/2037 (b) |
| 1,100 | El Centro, California, Financing Authority, Water Revenue Bonds, Series A, 5.25% due 10/01/2035 (e) |
| 6,000 | Fremont, California, Unified School District, Alameda County (Election of 2002), Series B, 5% due 8/01/2030 (e) |
| 10,755 | Fremont, California, Unified School District, Alameda County (Election of 2002), Series B, 5.50% due 8/01/2026 (b) |
| 4,295 | Fresno, California, Joint Powers Financing Authority, Lease Revenue Bonds, Series A, 5.75% due 6/01/2026 (e) |
| 6,930 | Fullerton, California, Public Financing Authority, Tax Allocation Bonds, Series A, 5% due 9/01/2027 (a) |
| 4,390 | Glendale, California, Electric Revenue Bonds, Series A, 5% due 2/01/2027 (a) |
| 1,350 | Glendora, California, Unified School District, GO (Election of 2002), Series A, 5% due 8/01/2027 (f) |
| 2,700 | Glendora, California, Unified School District, GO (Election of 2002), Series A, 5.25% due 8/01/2030 (f) |
| 5,710 | Hanford, California, Joint Unified High School District, GO (Election of 2002), Series A, 4.75% due 8/01/2029 (e) |
| 6,000 | Hollister, California, Joint Powers Finance Authority, Waste Water Treatment Plant Improvement Project, Series 1, 5% due 6/01/2027 (a) |
| 4,090 | Imperial, California, Community College District, GO (Election of 2002), Series A, 5% due 8/01/2029 (b) |
| 2,500 | La Quinta, California, Financing Authority, Local Agency Revenue Bonds, Series A, 5.25% due 9/01/2024 (a) |
| 3,050 | Little Lake, California, City School District, GO, Refunding Bonds, Series A, 5% due 7/01/2025 (e) |
| 10,260 | Lodi, California, Unified School District, GO (Election of 2002), Series A, 5% due 8/01/2029 (e) |
| 8,000 | Los Angeles, California, Community College District, GO (Election of 2002), Series E, 5% due 8/01/2031 (e) |
| 10,000 | Los Angeles, California, Community Redevelopment Agency, Community Redevelopment Agency Financing Authority Revenue Bonds (Bunker Hill Project), Series A, 5% due 12/01/2027 (e) |
| 290 | Los Angeles, California, Department of Airports, Airport Revenue Bonds (Los Angeles International Airport), AMT, Series D, 5.625% due 7/01/2027 (a) |
| 2,880 | Los Angeles, California, Unified School District, GO (Election of 2002), Series C, 5% due 7/01/2027 (b) |
| 5,000 | Los Angeles, California, Unified School District, GO (Election of 2002), Series F, 5% due 7/01/2030 (b) |
| 5,015 | Los Angeles, California, Unified School District, GO, Refunding Bonds, Series A, 5% due 7/01/2027 (a) |

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| | 4.75% due 7/01/2024 (b) |
| 4,000 | Los Angeles, California, Unified School District, GO, Refund 4.75% due 7/01/2025 (b) |
| 7,000 | Los Angeles, California, Unified School District, GO, Series 7/01/2030 (a) |
| 5,000 | Los Angeles, California, Wastewater System Revenue Refunding 4.75% due 6/01/2035 (f) |
| 5,000 | Los Angeles, California, Water and Power Revenue Bonds (Power Sub-Series A-1, 5% due 7/01/2031 (e) |
| 3,165 | Los Angeles, California, Water and Power Revenue Refunding B Series A-A-2, 5.375% due 7/01/2021 (f) |
| 5,240 | Los Angeles County, California, Metropolitan Transportation Tax Revenue Refunding Bonds, Proposition A, First Tier Senior due 7/01/2027 (a) |
| 6,500 | Los Angeles County, California, Metropolitan Transportation Tax Revenue Refunding Bonds, Proposition A, First Tier Senior due 7/01/2035 (a) |
| 2,000 | Los Angeles County, California, Metropolitan Transportation Tax Revenue Refunding Bonds, Proposition C, Second Tier Senior due 7/01/2010 (b)(g) |
| 8,735 | Los Angeles County, California, Public Works Financing Author Refunding Bonds (Master Refunding Project), Series A, 5% due |
| 3,000 | Los Rios, California, Community College District, GO (Electi 5% due 8/01/2027 (f) |
| 2,010 | Madera, California, Public Financing Authority, Water and Wa Refunding Bonds, 5% due 3/01/2036 (f) |
| 6,865 | Merced, California, Community College District, GO (School F Number 1), 5% due 8/01/2031 (f) |
| 5,370 | Metropolitan Water District of Southern California, Waterwor Series B-1, 5% due 10/01/2033 (b) |
| 8,000 | Murrieta Valley, California, Unified School District, Public Special Tax Revenue Bonds, Series A, 5.125% due 9/01/2026 (1 |
| 6,015 | Natomas Unified School District, California, GO (Election of 8/01/2028 (b) |
| 4,245 | Nevada County, California, COP, Refunding, 5.25% due 10/01/2 |
| 2,000 | New Haven, California, Unified School District, GO, Refundin 8/01/2020 (e) |
| 4,270 | Oakland, California, Sewer Revenue Bonds, Series A, 5% due 6 |
| 2,000 | Oakland, California, State Building Authority, Lease Revenue Harris State Office Building), Series A, 5.50% due 4/01/2008 |
| 1,245 | Orange County, California, Airport Revenue Refunding Bonds, 7/01/2012 (f) |

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| 6,360 | Orange County, California, Public Financing Authority, Lease Bonds (Juvenile Justice Center Facility), 5.375% due 6/01/20 |
| 10,000 | Oxnard, California, Financing Authority, Wastewater Revenue Sewer and Headworks Projects), Series A, 5.25% due 6/01/2034 |
| 9,645 | Oxnard, California, Unified High School District, GO, Refund due 8/01/2030 (f) |
| 1,275 | Palm Springs, California, Financing Authority, Lease Revenue (Convention Center Project), Series A, 5.50% due 11/01/2035 |
| 4,640 | Palmdale, California, Water District Public Facility Corpora 10/01/2029 (b) |
| 5,000 | Placentia-Yorba Linda, California, Unified School District, 10/01/2030 (b) |
| 5,000 | Placentia-Yorba Linda, California, Unified School District, Series C, 5% due 8/01/2029 (f) |
| 3 | Port of Oakland, California, RIB, AMT, Series 1192, 6.86% du |
| 7,500 | Port of Oakland, California, Revenue Bonds, AMT, Series K, 5 |
| 3,000 | Riverside, California, COP, 5% due 9/01/2028 (a) |
| 6,000 | Riverside, California, Unified School District, GO (Election 5.25% due 2/01/2023 (b) |
| 7,515 | Riverside, California, Unified School District, GO (Election 5% due 9/01/2030 (f) |
| 4,500 | Riverside County, California, Asset Leasing Corporation, Lea Refunding Bonds (Riverside County Hospital Project), Series 6/01/2016 (f) |
| 3,000 | Sacramento, California, City Financing Authority, Capital Im Bonds (Community Rein Capital Program), Series A, 5% due 12/ |
| 6,590 | Sacramento, California, City Financing Authority, Tax Alloca (Merged Downtown and Oak Park Projects), Series A, 5.03% due |
| 2,565 | Saddleback Valley, California, Unified School District, GO, |
| 5,000 | San Bernardino, California, City Unified School District, GO 8/01/2028 (e) |
| 320 | San Bernardino County, California, S/F Home Mortgage Revenue Series A-1, 6.25% due 12/01/2031 (d) |
| 2,720 | San Diego, California, Redevelopment Agency, Subordinate Tax (Centre City Redevelopment Project), Series A, 5.25% due 9/0 |
| 2,860 | San Diego, California, Redevelopment Agency, Subordinate Tax (Centre City Redevelopment Project), Series A, 5.25% due 9/0 |
| 5,400 | San Diego, California, Unified Port District, Revenue Refund Series A, 5.25% due 9/01/2019 (f) |
| 3,570 | San Diego County, California, COP (Salk Institute for Bio St |

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| | 7/01/2022 (f) |
| 5,200 | San Diego County, California, COP (Salk Institute for Bio St 7/01/2031 (f) |
| 7,350 | San Diego County, California, Water Authority, Water Revenue Series A, 5% due 5/01/2030 (e) |
| 10,000 | San Diego County, California, Water Authority, Water Revenue Series A, 5% due 5/01/2031 (e) |
| 5,000 | San Francisco, California, Bay Area Rapid Transit District, Series B, 5% due 8/01/2035 |
| 9,630 | San Francisco, California, Bay Area Rapid Transit District, Refunding Bonds, Series A, 5% due 7/01/2030 (f) |
| 6,455 | San Francisco, California, City and County Airport Commissio Airport Revenue Refunding Bonds, Second Series 28B, 5.25% du |
| 1,000 | San Francisco, California, City and County Airport Commissio Airport, Special Facilities Lease Revenue Bonds (SFO Fuel Co Series A, 6.10% due 1/01/2020 (e) |
| 985 | San Francisco, California, City and County Airport Commissio Airport, Special Facilities Lease Revenue Bonds (SFO Fuel Co Series A, 6.125% due 1/01/2027 (e) |
| 1,735 | San Francisco, California, Community College District, GO, R 5.375% due 6/15/2019 (b) |
| 1,730 | San Francisco, California, Community College District, GO, R 5.375% due 6/15/2020 (b) |
| 1,925 | San Francisco, California, Community College District, GO, R 5.375% due 6/15/2021 (b) |
| 4,135 | San Jose, California, Airport Revenue Bonds, Series D, 5% du |
| 1,632 | San Jose, California, Financing Authority, Lease Revenue Ref DRIVERS, Series 1280Z, 6.091% due 12/01/2010 (a) (h) (p) |
| 7,300 | San Jose, California, Redevelopment Agency, Tax Allocation B Set-Aside Merged Area), AMT, Series E, 5.85% due 8/01/2027 (|
| 4,250 | San Juan, California, Unified School District, GO (Election 8/01/2028 (f) |
| 4,350 | San Mateo County, California, Transit District, Sales Tax Re Series A, 5% due 6/01/2029 (f) |
| 2,595 | Santa Clara, California, Redevelopment Agency, Tax Allocatio North Project), Series A, 5.25% due 6/01/2019 (a) |
| 5,500 | Santa Clara, California, Subordinated Electric Revenue Bonds 7/01/2028 (f) |
| 1,100 | Santa Clara Valley, California, Water District, Water Utilit Series A, 5.125% due 6/01/2010 (b) (g) |
| 3,000 | Santa Rosa, California, High School District, GO, 5.375% due |

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| | 2,500 | Santa Rosa, California, High School District, GO (Election on 8/01/2028 (f) |
| | 6,750 | Shasta, California, Joint Powers Financing Authority, Lease (County Administration Building Project), Series A, 5% due 4 |
| | 1,645 | South Tahoe, California, Joint Powers Financing Authority, R Bonds (South Tahoe Redevelopment Project Area Number 1), Ser 10/01/2029 (e) |
| | 5,000 | Southern California Public Power Authority, Power Project Re (Magnolia Power Project), Series A-1, 5% due 7/01/2013 (a) (g) |
| | 2,600 | Stockton, California, Public Financing Authority, Water Reve System Capital Improvement Projects), Series A, 5% due 10/01 |
| | 1,054 | Stockton, California, Public Financing Revenue Refunding Bon 5.875% due 9/02/2016 (e) |
| | 1,500 | Tehachapi, California, COP, Refunding (Installment Sale), 5. |
| | 6,000 | Tracy, California, Community Development Agency, Tax Allocat Series A, 5% due 3/01/2034 (a) |
| | 3,000 | Turlock, California, Public Finance Authority, Sewer Revenue 5% due 9/15/2033 (b) |
| | 14,830 | University of California Revenue Bonds (Multiple Purpose Pro 5% due 9/01/2011 (e) (g) |
| | 4,465 | University of California Revenue Bonds, Series A, 4.75% due |
| | 4,790 | University of California Revenue Bonds, Series O, 5.125% due |
| | 3,395 | Ventura County, California, Community College District, GO, 5% due 8/01/2027 (f) |
| | 2,550 | Vista, California, Unified School District, GO, Series B, 5% |
| | 2,185 | Walnut, California, Public Financing Authority, Tax Allocati (Walnut Improvement Project), 5.375% due 9/01/2021 (a) |
| | 6,690 | West Contra Costa, California, Unified School District, GO (Series B, 5% due 8/01/2032 (e) |
| Puerto Rico - 6.0% | 5,000 | Puerto Rico Commonwealth, GO, 4.875% due 7/01/2023 (f) |
| | 4,335 | Puerto Rico Commonwealth, Public Improvement, GO, 5.75% due |
| | 7,000 | Puerto Rico Electric Power Authority, Power Revenue Refundin 5% due 7/01/2024 (e) |
| | 10,000 | Puerto Rico Municipal Finance Agency, GO, RIB, Series 225, 7 8/01/2012 (e) (h) (p) |
| | 13,000 | Puerto Rico Sales Tax Financing Corporation, Sales Tax Reven Series A, 5.04% due 8/01/2045 (f) (n) |
| | | Total Municipal Bonds (Cost - \$693,881) - 141.5% |

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| | | Municipal Bonds Held in Trust (o) |
|--------------------|--------|--|
| California - 25.4% | 10,000 | East Bay Municipal Utility District, California, Water System Sub-Series A, 5% due 6/01/2035 (f) |
| | 15,150 | Long Beach, California, Harbor Revenue Bonds, AMT, Series A, 5% due 11/01/2012 (b) |
| | 16,000 | Los Angeles, California, Department of Water and Power, Power Refunding Bonds, Series A, Sub-Series A-2, 5% due 7/01/2027 (b) |
| | 9,180 | Port of Oakland, California, Port Revenue Bonds, AMT, Series K, 5% due 11/01/2012 (b) |
| | 10,820 | Port of Oakland, California, Revenue Bonds, AMT, Series K, 5% due 11/01/2013 (b) |
| | 19,035 | Port of Oakland, California, Revenue Refunding Bonds, AMT, Series K, 5% due 11/01/2027 (b) |
| | 24,710 | San Diego, California, Certificates of Undivided Interest Revenue (San Diego Gas & Electric Utility Fund), 5.20% due 8/01/2024 (b) |
| | 10,500 | San Francisco, California, Bay Area Rapid Transit District, Refunding Bonds, Series A, 5% due 7/01/2034 (f) |
| | 8,137 | San Jose, California, Financing Authority, Lease Revenue Refunding Bonds (Civic Center Project), Series B, 5% due 6/01/2032 (a) |
| | | Total Municipal Bonds Held in Trust (Cost - \$127,791) - 25.4% |

Shares
Held

Short-Term Securities

38 CMA California Municipal Money Fund, 3.07% (j) (k)

Total Short-Term Securities (Cost - \$38) - 0.0%

Total Investments (Cost - \$821,710*) - 166.9%

Other Assets Less Liabilities - 1.2%

Liability for Trust Certificates, Including Interest Expense

Preferred Stock, at Redemption Value - (54.8%)

Net Assets Applicable to Common Stock - 100.0%

* The cost and unrealized appreciation (depreciation) of investments as of July 31, 2007, as computed for federal income tax purposes, were as follows:

| | | |
|-------------------------------|----|---------|
| Aggregate cost | \$ | 755,464 |
| | | ===== |
| Gross unrealized appreciation | \$ | 18,983 |
| Gross unrealized depreciation | | (1,908) |
| | | ----- |
| Net unrealized appreciation | \$ | 17,075 |
| | | ===== |

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- (a) AMBAC Insured.
- (b) FGIC Insured.
- (c) FHLMC Collateralized.
- (d) FNMA/GNMA Collateralized.
- (e) FSA Insured.
- (f) MBIA Insured.
- (g) Prerefunded.
- (h) The rate disclosed is that currently in effect. This rate changes periodically and inversely based upon prevailing market rates.
- (i) Escrowed to maturity.
- (j) Investments in companies considered to be an affiliate of the Fund, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, were as follows:

| Affiliate | Net Activity | Dividend Income |
|-------------------------------------|--------------|-----------------|
| CMA California Municipal Money Fund | (1,086) | \$114 |

- (k) Represents the current yield as of July 31, 2007.
- (l) Assured Guaranty Insured.
- (m) Security may have a maturity of more than one year at time of issuance, but has variable rate and demand features that qualify it as a short-term security. The rate disclosed is that currently in effect. This rate changes periodically based upon prevailing market rates.
- (n) Represents a zero coupon bond; the interest rate shown is the effective yield at the time of purchase.
- (o) Securities represent underlying bonds transferred to a separate securitization trust established in a tender option bond transaction in which the Fund may have acquired the residual interest certificates. These securities serve as collateral in a financing transaction.
- (p) These securities are short-term floating rate certificates issued by tender option bond trusts and are secured by the underlying municipal bond securities.

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

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13a-15(b) under the Securities and 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 (17 CFR 270.30a-3(d)) 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 Insured Fund, Inc.

By: /s/ Robert C. Doll, Jr.

Robert C. Doll, Jr.,
Chief Executive Officer (principal executive officer) of
BlackRock MuniYield California Insured Fund, Inc.

Date: September 20, 2007

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/ Robert C. Doll, Jr.

Robert C. Doll, Jr.,
Chief Executive Officer (principal executive officer) of
BlackRock MuniYield California Insured Fund, Inc.

Date: September 20, 2007

By: /s/ Donald C. Burke

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

Date: September 20, 2007