

NUVEEN CALIFORNIA DIVIDEND ADVANTAGE MUNICIPAL FUND 2
Form N-Q
July 30, 2010

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, DC 20549

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT
COMPANY

Investment Company Act file number 811-10197

Nuveen California Dividend Advantage Municipal Fund 2
(Exact name of registrant as specified in charter)

Nuveen Investments
333 West Wacker Drive, Chicago, Illinois 60606
(Address of principal executive offices) (Zip code)

Kevin J. McCarthy
Vice President and Secretary
333 West Wacker Drive, Chicago, Illinois 60606
(Name and address of agent for service)

Registrant's telephone number, including area code: 312-917-7700

Date of fiscal year end: 2/28

Date of reporting period: 5/31/10

Form N-Q is to be used by management investment companies, other than small business investment companies registered on Form N-5 (§§ 239.24 and 274.5 of this chapter), to file reports with the Commission, not later than 60 days after the close of the first and third fiscal quarters, pursuant to rule 30b1-5 under the Investment Company Act of 1940 (17 CFR 270.30b1-5). The Commission may use the information provided on Form N-Q in its regulatory, disclosure review, inspection, and policymaking roles.

A registrant is required to disclose the information specified by Form N-Q, and the Commission will make this information public. A registrant is not required to respond to the collection of information contained in Form N-Q unless the Form displays a currently valid Office of Management and Budget ("OMB") control number. Please direct comments concerning the accuracy of the information collection burden estimate and any suggestions for reducing the burden to the Secretary, Securities and Exchange Commission, 450 Fifth Street, NW, Washington, DC 20549-0609. The OMB has reviewed this collection of information under the clearance requirements of 44 U.S.C. § 3507.

Item 1. Schedule of Investments

Portfolio of Investments (Unaudited)

Nuveen California Dividend Advantage Municipal Fund 2 (NVX)

May 31, 2010

Principal

| Amount (000) | Description (1) | 6 |
|--------------|---|----|
| | Consumer Staples – 7.3% (5.0% of Total Investments) | |
| \$ 565 | California County Tobacco Securitization Agency, Tobacco Settlement Asset-Backed Bonds, Sonoma County Tobacco Securitization Corporation, Series 2005, 4.250%, 6/01/21 | 6 |
| 4,230 | California County Tobacco Securitization Agency, Tobacco Settlement Asset-Backed Bonds, Stanislaus County Tobacco Funding Corporation, Series 2002A, 5.500%, 6/01/33 | 6 |
| 4,000 | Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2007A-1, 5.750%, 6/01/47 | 6 |
| 13,480 | Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2007A-2, 0.000%, 6/01/37 | 6 |
| 22,275 | Total Consumer Staples | |
| | Education and Civic Organizations – 7.9% (5.4% of Total Investments) | |
| 2,000 | California Educational Facilities Authority, Revenue Bonds, Stanford University, Series 2001Q, 5.250%, 12/01/32 | 6 |
| 2,745 | California Educational Facilities Authority, Revenue Bonds, University of Southern California, Tender Option Bond Trust 09-11B, 17.387%, 10/01/38 (IF) | 10 |
| | California Educational Facilities Authority, Revenue Bonds, University of the Pacific, Series 2006: | |
| 125 | 5.000%, 11/01/21 | 11 |
| 165 | 5.000%, 11/01/25 | 11 |
| 2,250 | California Educational Facilities Authority, Student Loan Revenue Bonds, Cal Loan Program, Series 2001A, 5.400%, 3/01/21 – NPFG Insured (Alternative Minimum Tax) | 9 |
| 2,945 | California State Public Works Board, Lease Revenue Bonds, University of California Regents, Trust 1065, 9.041%, 3/01/33 (IF) | 3 |
| 620 | California Statewide Community Development Authority, Revenue Bonds, Notre Dame de Namur University, Series 2003, 6.500%, 10/01/23 | 10 |
| 3,000 | Long Beach Bond Financing Authority, California, Lease Revenue Refunding Bonds, Long Beach Aquarium of the South Pacific, Series 2001, 5.250%, 11/01/30 – AMBAC Insured | 11 |
| 2,680 | University of California, Revenue Bonds, Multi-Purpose Projects, Series 2003A, 5.000%, 5/15/33 – AMBAC Insured (UB) | 5 |
| 16,530 | Total Education and Civic Organizations | |
| | Health Care – 20.1% (13.8% of Total Investments) | |
| 2,000 | California Health Facilities Financing Authority, Revenue Bonds, Casa Colina Inc., Series 2001, 6.000%, 4/01/22 | 4 |

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|--------|--|----|
| 415 | California Health Facilities Financing Authority, Revenue Bonds, Kaiser Permanente System, Series 2006, 5.000%, 4/01/37 | 4 |
| 9,260 | California Health Facilities Financing Authority, Revenue Bonds, Sutter Health, Series 2007A, 5.250%, 11/15/46 (UB) | 11 |
| 500 | California Infrastructure Economic Development Bank, Revenue Bonds, Kaiser Hospital Assistance LLC, Series 2001A, 5.550%, 8/01/31 | 8 |
| 2,520 | California Statewide Communities Development Authority, Revenue Bonds, Adventist Health System West, Series 2005A, 5.000%, 3/01/35 | 3 |
| | California Statewide Communities Development Authority, Revenue Bonds, Saint Joseph Health System, Trust 2554: | |
| 998 | 18.449%, 7/01/47 – AGM Insured (IF) | 7 |
| 1,325 | 18.416%, 7/01/47 – AGM Insured (IF) | 7 |
| | California Statewide Communities Development Authority, Revenue Bonds, ValleyCare Health System, Series 2007A: | |
| 900 | 4.800%, 7/15/17 | |
| 2,225 | 5.125%, 7/15/31 | 7 |
| 2,185 | California Statewide Community Development Authority, Health Facility Revenue Refunding Bonds, Memorial Health Services, Series 2003A, 6.000%, 10/01/11 | |
| 2,500 | California Statewide Community Development Authority, Hospital Revenue Bonds, Monterey Peninsula Hospital, Series 2003B, 5.250%, 6/01/18 – AGM Insured | 6 |
| 1,755 | California Statewide Community Development Authority, Revenue Bonds, Kaiser Permanente System, Series 2006, 5.000%, 3/01/41 | 3 |
| 425 | California Statewide Community Development Authority, Revenue Bonds, Kaiser Permanente System, Series 2001C, 5.250%, 8/01/31 | 8 |
| 1,000 | California Statewide Community Development Authority, Revenue Bonds, Sutter Health, Series 2004D, 5.050%, 8/15/38 – AGM Insured | 8 |
| 6,020 | California Statewide Community Development Authority, Revenue Bonds, Sutter Health, Series 2005A, 5.000%, 11/15/43 | 11 |
| 2,000 | Loma Linda, California, Hospital Revenue Bonds, Loma Linda University Medical Center, Series 2008A, 8.250%, 12/01/38 | 12 |
| 1,610 | Madera County, California, Certificates of Participation, Children’s Hospital Central California, Series 2010, 5.375%, 3/15/36 | 3 |
| 455 | Oak Valley Hospital District, Stanislaus County, California, Revenue Bonds, Series 2010A, 6.500%, 11/01/29 | 11 |
| 5,785 | Rancho Mirage Joint Powers Financing Authority, California, Revenue Bonds, Eisenhower Medical Center, Series 2007A, 5.000%, 7/01/38 | 7 |
| 43,878 | Total Health Care Housing/Multifamily – 5.1% (3.5% of Total Investments) | |
| 5,962 | California Statewide Community Development Authority, Multifamily Housing Revenue Refunding Bonds, Claremont Village Apartments, Series 2001D, 5.500%, 6/01/31 (Mandatory put 6/01/16) (Alternative Minimum Tax) | 6 |

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|--------|---|----|
| 205 | Independent Cities Lease Finance Authority, California, Mobile Home Park Revenue Bonds, San Juan Mobile Estates, Series 2006B, 5.850%, 5/15/41 | 5 |
| 1,055 | Rohnert Park Finance Authority, California, Senior Lien Revenue Bonds, Rancho Feliz Mobile Home Park, Series 2003A, 5.750%, 9/15/38 | 9 |
| 700 | Rohnert Park Finance Authority, California, Subordinate Lien Revenue Bonds, Rancho Feliz Mobile Home Park, Series 2003B, 6.625%, 9/15/38 | 9 |
| 3,045 | Yucaipa Redevelopment Agency, California, Mobile Home Park Revenue Bonds, Rancho del Sol and Grandview, Series 2001A, 6.750%, 5/15/36 | 5 |
| 10,967 | Total Housing/Multifamily Housing/Single Family – 1.4% (1.0% of Total Investments) | |
| 325 | California Housing Finance Agency, Home Mortgage Revenue Bonds, Series 2006H, 5.750%, 8/01/30 – FGIC Insured (Alternative Minimum Tax) | 2 |
| 3,290 | California Housing Finance Agency, Home Mortgage Revenue Bonds, Series 2007M, Trust 1021, 6.998%, 8/01/31 (Alternative Minimum Tax) (IF) | 2 |
| 420 | California Rural Home Mortgage Finance Authority, Mortgage-Backed Securities Program Single Family Mortgage Revenue Bonds, Series 2001A, 5.650%, 12/01/31 (Alternative Minimum Tax) | 6 |
| 4,035 | Total Housing/Single Family Industrials – 1.5% (1.0% of Total Investments) | |
| 1,250 | California Pollution Control Financing Authority, Solid Waste Disposal Revenue Bonds, Waste Management Inc., Series 2002A, 5.000%, 1/01/22 (Alternative Minimum Tax) | 1 |
| 3,175 | California Statewide Communities Development Authority, Revenue Bonds, EnerTech Regional Biosolids Project, Series 2007A, 5.500%, 12/01/33 (Alternative Minimum Tax) | |
| 4,425 | Total Industrials Long-Term Care – 2.1% (1.4% of Total Investments) | |
| 1,550 | California Health Facilities Financing Authority, Cal-Mortgage Insured Revenue Bonds, Northern California Retired Officers Community Corporation – Paradise Valley Estates, Series 2002, 5.125%, 1/01/22 | 1 |
| 3,750 | California Statewide Communities Development Authority, Revenue Bonds, Inland Regional Center Project, Series 2007, 5.375%, 12/01/37 | 12 |
| 5,300 | Total Long-Term Care Tax Obligation/General – 11.6% (8.0% of Total Investments) | |
| 10,000 | California State, General Obligation Bonds, Series 2006CD, 4.600%, 12/01/32 (Alternative Minimum Tax) | 12 |
| 3,615 | Colton Joint Unified School District, San Bernardino County, California, General Obligation Bonds, Series 2002A, 5.500%, 8/01/22 – FGIC Insured Contra Costa County Community College District, California, General Obligation Bonds, Series 2002: | 8 |
| 3,005 | 5.000%, 8/01/21 – FGIC Insured | 8 |
| 3,300 | 5.000%, 8/01/22 – FGIC Insured | 8 |
| 1,285 | Los Angeles Unified School District, Los Angeles County, California, General Obligation Bonds, Series 2009D, 5.000%, 7/01/27 | 7 |

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| 2,000 | Puerto Rico, General Obligation and Public Improvement Bonds, Series 2001A, 5.500%, 7/01/20 – NPFPG Insured | |
| 355 | Roseville Joint Union High School District, Placer County, California, General Obligation Bonds, Series 2006B, 5.000%, 8/01/27 – FGIC Insured | 8 |
| 8,340 | Yosemite Community College District, California, General Obligation Bonds, Capital Appreciation, Election 2004, Series 2010D, 0.000%, 8/01/42 (WI/DD, Settling 6/02/10) | |
| 31,900 | Total Tax Obligation/General Tax Obligation/Limited – 18.3% (12.5% of Total Investments) | |
| | Beaumont Financing Authority, California, Local Agency Revenue Bonds, Series 2004D: | |
| 650 | 5.500%, 9/01/24 | 9 |
| 385 | 5.800%, 9/01/35 | 9 |
| 1,240 | Borrego Water District, California, Community Facilities District 2007-1 Montesorro, Special Tax Bonds, Series 2007, 5.750%, 8/01/25 | 8 |
| 4,900 | California State Public Works Board, Lease Revenue Bonds, Department of Corrections, Series 2003C, 5.500%, 6/01/16 | 12 |
| 1,245 | California, Economic Recovery Revenue Bonds, Series 2004A, 5.000%, 7/01/15 | 7 |
| 1,200 | Capistrano Unified School District, Orange County, California, Special Tax Bonds, Community Facilities District 90-2 – Talega, Series 2003, 6.000%, 9/01/33 | 9 |
| 435 | Capistrano Unified School District, Orange County, California, Special Tax Bonds, Community Facilities District, Series 2005, 5.000%, 9/01/24 – FGIC Insured | 9 |
| 4,845 | Encinitas Public Financing Authority, California, Lease Revenue Bonds, Acquisition Project, Series 2001A, 5.250%, 4/01/31 – NPFPG Insured | 10 |
| 750 | Fontana, California, Special Tax Bonds, Sierra Community Facilities District 22, Series 2004, 6.000%, 9/01/34 | 9 |
| 1,785 | Hawthorne Community Redevelopment Agency, California, Project Area 2 Tax Allocation Bonds, Series 2006, 5.250%, 9/01/36 – SYNCORA GTY Insured | 9 |
| 1,800 | Hesperia Unified School District, San Bernardino County, California, Certificates of Participation, Capital Improvement, Series 2007, 5.000%, 2/01/41 – AMBAC Insured | 2 |
| | Irvine, California, Unified School District, Community Facilities District Special Tax Bonds, Series 2006A: | |
| 205 | 5.000%, 9/01/26 | 9 |
| 470 | 5.125%, 9/01/36 | 9 |
| 2,000 | Lake Elsinore Public Finance Authority, California, Local Agency Revenue Refunding Bonds, Series 2003H, 6.000%, 10/01/20 | 10 |
| 415 | Lammersville School District, San Joaquin County, California, Community Facilities District 2002, Mountain House Special Tax Bonds, Series 2006, 5.125%, 9/01/35 | 9 |
| 1,265 | Lee Lake Water District, Riverside County, California, Special Tax Bonds, Community Facilities District 1 of Sycamore Creek, Series 2003, 6.500%, 9/01/24 | 9 |
| 800 | Los Angeles Community Redevelopment Agency, California, Lease Revenue Bonds, Manchester Social Services Project, Series 2005, 5.000%, 9/01/37 – AMBAC Insured | 9 |
| 495 | North Natomas Community Facilities District 4, Sacramento, California, Special Tax Bonds, | 9 |

| | | |
|--------|--|----|
| | Series 2006D, 5.000%, 9/01/33 | |
| 2,000 | Orange County, California, Special Tax Bonds, Community Facilities District 02-1 of Ladera Ranch, Series 2003A, 5.550%, 8/15/33 | 8 |
| 385 | Rialto Redevelopment Agency, California, Tax Allocation Bonds, Merged Project Area, Series 2005A, 5.000%, 9/01/35 – SYNCORA GTY Insured | 9 |
| 475 | Roseville, California, Certificates of Participation, Public Facilities, Series 2003A, 5.000%, 8/01/25 – AMBAC Insured | 8 |
| 700 | Sacramento, California, Special Tax Bonds, North Natomas Community Facilities District 4, Series 2003C, 6.000%, 9/01/33 | 9 |
| | San Buenaventura Redevelopment Agency, California, Merged Project Areas Tax Allocation Bonds, Series 2008: | |
| 1,000 | 7.750%, 8/01/28 | 8 |
| 1,325 | 8.000%, 8/01/38 | 8 |
| 1,530 | San Marcos Public Facilities Authority, California, Tax Allocation Bonds, Project Areas 2 and 3, Series 2005C, 5.000%, 8/01/35 – AMBAC Insured | 8 |
| 825 | San Mateo Union High School District, San Mateo County, California, Certificates of Participation, Phase 1, Series 2007A, 5.000%, 12/15/30 – AMBAC Insured | 12 |
| 415 | West Patterson Financing Authority, California, Special Tax Bonds, Community Facilities District 01-1, Refunding Series 2009A, 8.625%, 9/01/39 | 9 |
| 1,930 | West Patterson Financing Authority, California, Special Tax Bonds, Community Facilities District 01-1, Series 2003B, 6.750%, 9/01/30 | 9 |
| 500 | West Patterson Financing Authority, California, Special Tax Bonds, Community Facilities District 01-1, Series 2004B, 6.000%, 9/01/39 | 9 |
| 850 | West Patterson Financing Authority, California, Special Tax Bonds, Community Facilities District 2001-1, Series 2004A, 6.125%, 9/01/39 | 9 |
| 3,715 | Western Placer Unified School District, Placer County, California, Certificates of Participation, Series 2008, 5.000%, 8/01/47 – AGC Insured | 8 |
| 40,535 | Total Tax Obligation/Limited Transportation – 12.6% (8.6% of Total Investments) | |
| 3,000 | Bay Area Governments Association, California, BART SFO Extension, Airport Premium Fare Revenue Bonds, Series 2002A, 5.000%, 8/01/32 – AMBAC Insured | 8 |
| 1,930 | Bay Area Toll Authority, California, Revenue Bonds, San Francisco Bay Area Toll Bridge, Series 2006F, 5.000%, 4/01/31 (UB) | 4 |
| 1,430 | Bay Area Toll Authority, California, Revenue Bonds, San Francisco Bay Area Toll Bridge, Series 2008, Trust 3211, 13.261%, 4/01/39 (IF) | 4 |
| 7,000 | Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Refunding Bonds, Series 1999, 5.875%, 1/15/27 | 1 |
| 5,585 | Port of Oakland, California, Revenue Bonds, Series 2002N, 5.000%, 11/01/16 – NPFPG Insured (Alternative Minimum Tax) | 11 |
| | San Francisco Airports Commission, California, Revenue Bonds, San Francisco International Airport, Second Series 2003, Issue 29A: | |

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| 2,430 | 5.250%, 5/01/18 – FGIC Insured (Alternative Minimum Tax) | 5 |
| 2,555 | 5.250%, 5/01/19 – FGIC Insured (Alternative Minimum Tax) | 5 |
| 1,000 | San Francisco Airports Commission, California, Revenue Bonds, San Francisco International Airport, Second Series 2003, Issue 29B, 5.125%, 5/01/17 – FGIC Insured | 5 |
| 2,000 | San Francisco Airports Commission, California, Revenue Refunding Bonds, San Francisco International Airport, Second Series 2002, Issue 28A, 5.250%, 5/01/17 – NPFPG Insured (Alternative Minimum Tax) | 5 |
| 26,930 | Total Transportation | |
| | U.S. Guaranteed – 38.3% (26.2% of Total Investments) (4) | |
| 9,000 | Anitoch Area Public Facilities Financing Agency, California, Special Tax Bonds, Community Facilities District 1989-1, Series 2001, 5.250%, 8/01/25 (Pre-refunded 8/01/11) – NPFPG Insured | 8 |
| 6,000 | California Department of Water Resources, Power Supply Revenue Bonds, Series 2002A, 5.125%, 5/01/18 (Pre-refunded 5/01/12) | 5 |
| 450 | California Statewide Community Development Authority, Revenue Bonds, Thomas Jefferson School of Law, Series 2005A, 4.875%, 10/01/31 (Pre-refunded 10/01/15) | 10 |
| 860 | California, Economic Recovery Revenue Bonds, Series 2004A, 5.000%, 7/01/15 (Pre-refunded 7/01/14) | 7 |
| 4,000 | Daly City Housing Development Finance Agency, California, Mobile Home Park Revenue Bonds, Franciscan Mobile Home Park Project, Series 2002A, 5.850%, 12/15/32 (Pre-refunded 12/15/13) | 12 |
| 4,900 | East Bay Municipal Utility District, Alameda and Contra Costa Counties, California, Water System Subordinated Revenue Bonds, Series 2001, 5.000%, 6/01/26 (Pre-refunded 6/01/11) – NPFPG Insured | 6 |
| 2,365 | Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2003A-1, 6.250%, 6/01/33 (Pre-refunded 6/01/13) | 6 |
| 1,170 | Lincoln, California, Special Tax Bonds, Lincoln Crossing Community Facilities District 03-1, Series 2003A, 6.500%, 9/01/25 (Pre-refunded 9/01/13) | 9 |
| 885 | Lincoln, California, Special Tax Bonds, Lincoln Crossing Community Facilities District 03-1, Series 2004, 6.000%, 9/01/34 (Pre-refunded 9/01/13) | 9 |
| 9,510 | Los Angeles Unified School District, California, General Obligation Bonds, Series 2002E, 5.000%, 7/01/19 (Pre-refunded 7/01/12) – NPFPG Insured | 7 |
| 3,000 | Northern California Tobacco Securitization Authority, Tobacco Settlement Asset-Backed Bonds, Series 2001A, 5.375%, 6/01/41 (Pre-refunded 6/01/11) | 6 |
| 2,000 | Puerto Rico Public Finance Corporation, Commonwealth Appropriation Bonds, Series 2002E, 6.000%, 8/01/26 (ETM) | |
| 6,000 | Riverside County Redevelopment Agency, California, Tax Allocation Bonds, Jurupa Valley Project Area, Series 2001, 5.250%, 10/01/35 (Pre-refunded 10/01/11) – AMBAC Insured | 10 |
| 12,090 | Santa Clara Valley Transportation Authority, California, Sales Tax Revenue Bonds, Series 2001A, 5.000%, 6/01/25 (Pre-refunded 6/01/11) – NPFPG Insured | 6 |
| 3,700 | Santa Rosa High School District, Sonoma County, California, General Obligation Bonds, Series 2001, 5.300%, 5/01/26 (Pre-refunded 5/01/11) – FGIC Insured | 5 |
| 6,200 | Southwestern Community College District, San Diego County, California, General Obligation | 8 |

| | | |
|--------|--|----|
| | Bonds, Series 2001, 5.375%, 8/01/25 (Pre-refunded 8/01/11) – AMBAC Insured | |
| 2,800 | Tobacco Securitization Authority of Southern California, Tobacco Settlement Asset-Backed Bonds, San Diego County Tobacco Asset Securitization Corporation, Senior Series 2001A, 5.500%, 6/01/36 (Pre-refunded 6/01/12) | 6 |
| 1,500 | Whittier, California, Health Facility Revenue Bonds, Presbyterian Intercommunity Hospital, Series 2002, 5.600%, 6/01/22 (Pre-refunded 6/01/12) | 6 |
| 76,430 | Total U.S. Guaranteed Utilities – 9.1% (6.2% of Total Investments) | |
| 5,000 | Anaheim Public Finance Authority, California, Second Lien Electric Distribution Revenue Bonds, Series 2004, 5.250%, 10/01/21 – NPFGE Insured | 10 |
| 2,355 | Long Beach Bond Finance Authority, California, Natural Gas Purchase Revenue Bonds, Series 2007A, 5.000%, 11/15/35 | |
| 1,000 | Los Angeles Department of Water and Power, California, Power System Revenue Bonds, Series 2003A-2, 5.000%, 7/01/23 – NPFGE Insured | 7 |
| 500 | Los Angeles Department of Water and Power, California, Power System Revenue Bonds, Series 2005A-1, 5.000%, 7/01/31 – AGM Insured (UB) | 7 |
| | Merced Irrigation District, California, Electric System Revenue Bonds, Series 2005: | |
| 790 | 5.125%, 9/01/31 – SYNCORA GTY Insured | 9 |
| 1,500 | 5.250%, 9/01/36 – SYNCORA GTY Insured | 9 |
| 2,000 | Santa Clara, California, Subordinate Electric Revenue Bonds, Series 2003A, 5.250%, 7/01/20 – NPFGE Insured | 7 |
| 2,500 | Southern California Public Power Authority, California, Milford Wind Corridor Phase I Revenue Bonds, Series 2010-1, 5.000%, 7/01/28 | |
| 4,000 | Southern California Public Power Authority, Natural Gas Project 1 Revenue Bonds, Series 2007A, 5.000%, 11/01/33 | |
| 19,645 | Total Utilities Water and Sewer – 10.9% (7.4% of Total Investments) | |
| 1,400 | Castaic Lake Water Agency, California, Certificates of Participation, Series 2006C, 5.000%, 8/01/36 – NPFGE Insured | 8 |
| 545 | Healdsburg Public Financing Authority, California, Wastewater Revenue Bonds, Series 2006, 5.000%, 4/01/36 – NPFGE Insured | 4 |
| 1,160 | Metropolitan Water District of Southern California, Waterworks Revenue Bonds, Tender Option Bond Trust 09-8B, 16.873%, 7/01/35 (IF) | 7 |
| 1,500 | Orange County Water District, California, Revenue Certificates of Participation, Tender Option Bond Trust 11782-1, 17.592%, 8/15/41 (IF) | 8 |
| 750 | Sacramento County Sanitation District Financing Authority, California, Revenue Bonds, Series 2006, 5.000%, 12/01/31 – FGIC Insured | 6 |
| 1,700 | San Buenaventura, California, Wastewater Revenue Certificates of Participation, Series 2004, 5.000%, 3/01/24 – NPFGE Insured | 3 |
| 4,785 | San Diego Public Facilities Financing Authority, California, Subordinate Lien Water Revenue Bonds, Series 2002, 5.000%, 8/01/21 – NPFGE Insured | 8 |

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| 10,000 | San Francisco City and County Public Utilities Commission, California, Clean Water Revenue Refunding Bonds, Series 2003A, 5.250%, 10/01/20 – NPMFG Insured |
| 21,840 | Total Water and Sewer |
| \$ 324,690 | Total Investments (cost \$310,455,484) – 146.2% |
| | Floating Rate Obligations – (4.1)% |
| | Other Assets Less Liabilities – 1.2% |
| | Auction Rate Preferred Shares, at Liquidation Value – (43.3)% (5) |
| | Net Assets Applicable to Common Shares – 100% |

Fair Value Measurements

In determining the value of the Fund’s investments, various inputs are used. These inputs are summarized in the three broad levels listed below:

Level 1 – Quoted prices in active markets for identical securities.

Level 2 – Other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).

Level 3 – Significant unobservable inputs (including management’s assumptions in determining the fair value of investments).

The inputs or methodologies used for valuing securities are not an indication of the risk associated with investing in those securities. The following is a summary of the Fund’s fair value measurements as of May 31, 2010:

| | Level 1 | Level 2 | Level 3 | Total |
|-----------------|---------|---------------|---------|---------------|
| Investments: | | | | |
| Municipal Bonds | \$ — | \$316,502,156 | \$ — | \$316,502,156 |

Income Tax Information

The following information is presented on an income tax basis. Differences between amounts for financial statement and federal income tax purposes are primarily due to timing differences in recognizing taxable market discount, timing differences in recognizing certain gains and losses on investment transactions and the treatment of investments in inverse floating rate securities reflected as financing transactions, if any. To the extent that differences arise that are permanent in nature, such amounts are reclassified within the capital accounts on the Statement of Assets and Liabilities presented in the annual report, based on their federal tax basis treatment; temporary differences do not require reclassification. Temporary and permanent differences do not impact the net asset value of the Fund.

At May 31, 2010, the cost of investments was \$301,466,808.

Gross unrealized appreciation and gross unrealized depreciation of investments at May 31, 2010, were as follows:

| | |
|---|---------------|
| Gross unrealized: | |
| Appreciation | \$ 16,556,018 |
| Depreciation | (10,422,160) |
| Net unrealized appreciation (depreciation) of investments | \$ 6,133,858 |

- (1) All percentages shown in the Portfolio of Investments are based on net assets applicable to Common shares unless otherwise noted.
- (2) Optional Call Provisions: Dates (month and year) and prices of the earliest optional call or redemption. There may be other call provisions at varying prices at later dates. Certain mortgage-backed securities may be subject to periodic principal paydowns.
- (3) Ratings: Using the highest of Standard & Poor's Group ("Standard & Poor's"), Moody's Investor Service, Inc. ("Moody's") or Fitch, Inc. ("Fitch") rating. Ratings below BBB by Standard & Poor's, Baa by Moody's or BBB by Fitch are considered to be below investment grade.
- (4) Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities, which ensure the timely payment of principal and interest. Such investments are normally considered to be equivalent to AAA rated securities.
- (5) Auction Rate Preferred Shares, at Liquidation Value as a percentage of Total Investments is 29.6%.

N/R Not rated.

WI/DD Purchased on a when-issued or delayed delivery basis.

(ETM) Escrowed to maturity.

(IF) Inverse floating rate investment.

(UB) Underlying bond of an inverse floating rate trust reflected as a financing transaction.

Item 2. Controls and Procedures.

- 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") (17 CFR 270.30a-3(c))) are effective, as of a date within 90 days of the filing date of this report that includes the disclosure required by this paragraph, based on their evaluation of the controls and procedures required by Rule 30a-3(b) under the 1940 Act (17 CFR 270.30a-3(b)) and Rule 13a-15(b) or 15d-15(b) under the Securities Exchange Act of 1934 (17 CFR 240.13a-15(b) or 240.15d-15(b)).

- 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.

File as exhibits as part of this Form a separate certification for each principal executive officer and principal financial officer of the registrant as required by Rule 30a-2(a) under the 1940 Act (17 CFR 270.30a-2(a)), exactly as set forth below: See EX-99 CERT attached hereto.

SIGNATURES

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.

(Registrant) Nuveen California Dividend Advantage Municipal Fund 2

By (Signature and Title) /s/ Kevin J. McCarthy
Kevin J. McCarthy
Vice President and Secretary

Date July 30, 2010

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 (Signature and Title) /s/ Gifford R. Zimmerman
Gifford R. Zimmerman
Chief Administrative Officer (principal executive officer)

Date July 30, 2010

By (Signature and Title) /s/ Stephen D. Foy
Stephen D. Foy
Vice President and Controller (principal financial officer)

Date July 30, 2010