

EATON VANCE MUNICIPAL BOND FUND
Form N-Q
August 27, 2010

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
Form N-Q
QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED
MANAGEMENT INVESTMENT COMPANIES
811-21142

Investment Company Act File Number

Eaton Vance Municipal Bond Fund

(Exact Name of Registrant as Specified in Charter)

Two International Place, Boston, Massachusetts 02110

(Address of Principal Executive Offices)

Maureen A. Gemma

Two International Place, Boston, Massachusetts 02110

(Name and Address of Agent for Services)

(617) 482-8260

(Registrant's Telephone Number, Including Area Code)

September 30

Date of Fiscal Year End

June 30, 2010

Date of Reporting Period

Item 1. Schedule of Investments

Eaton Vance Municipal Bond Fund

as of June 30, 2010

PORTFOLIO OF INVESTMENTS (Unaudited)

Tax-Exempt Investments 171.3%

Principal

Amount

(000 s

omitted)

Electric Utilities

Security

0.5%

Value

| | | | | |
|----|--------|---|----|-----------|
| \$ | 10,300 | Sabine River Authority, TX, (TXU Energy Co. LLC), 5.20%, 5/1/28 | \$ | 4,663,428 |
|----|--------|---|----|-----------|

| | | | | |
|----|--|--|----|------------------|
| \$ | | | \$ | 4,663,428 |
|----|--|--|----|------------------|

Hospital 11.0%

| | | | | |
|----|--------|--|----|------------|
| \$ | 11,940 | California Health Facilities Financing Authority, (Cedars-Sinai Medical Center), 5.00%, 8/15/39 | \$ | 11,496,429 |
| | 5,000 | California Statewide Communities Development Authority, (John Muir Health), 5.00%, 8/15/36 | | 4,830,000 |
| | 19,550 | California Statewide Communities Development Authority, (Kaiser Permanente), 5.25%, 3/1/45 | | 18,795,174 |
| | 880 | Camden County, NJ, Improvement Authority, (Cooper Health System), 5.00%, 2/15/25 | | 838,675 |
| | 2,610 | Camden County, NJ, Improvement Authority, (Cooper Health System), 5.00%, 2/15/35 | | 2,328,512 |
| | 1,970 | Camden County, NJ, Improvement Authority, (Cooper Health System), 5.25%, 2/15/27 | | 1,900,026 |
| | 5,900 | Camden County, NJ, Improvement Authority, (Cooper Health System), 5.75%, 2/15/34 | | 5,869,379 |
| | 3,900 | Hawaii Department of Budget and Finance, (Hawaii Pacific Health), 5.60%, 7/1/33 | | 3,909,594 |
| | 7,190 | Highlands County, FL, Health Facilities Authority, (Adventist Health System), 5.25%, 11/15/36 | | 7,259,312 |
| | 8,310 | Knox County, TN, Health, Educational and Housing Facilities Board, (Covenant Health), 0.00%, 1/1/38 | | 1,556,546 |
| | 10,000 | Knox County, TN, Health, Educational and Housing Facilities Board, (Covenant Health), 0.00%, 1/1/41 | | 1,538,300 |
| | 8,165 | Lehigh County, PA, General Purpose Authority, (Lehigh Valley Health Network), 5.25%, 7/1/32 | | 8,175,614 |
| | 5,430 | Michigan Hospital Finance Authority, (Henry Ford Health System), 5.00%, 11/15/38 | | 4,801,097 |
| | 10,000 | Michigan Hospital Finance Authority, (Henry Ford Health System), 5.25%, 11/15/46 | | 9,038,700 |
| | 100 | South Miami, FL, Health Facilities Authority, (Baptist Health), 5.00%, 8/15/42 | | 97,958 |
| | 900 | South Miami, FL, Health Facilities Authority, (Baptist Health), 5.00%, 8/15/42 ⁽¹⁾ | | 881,663 |
| | 10,000 | Tarrant County, TX, Cultural Education Facilities Finance Corp., (Scott and White Memorial Hospital), 5.25%, 8/15/40 | | 9,821,200 |

| | | |
|--|---|----------------------|
| | | \$ 93,138,179 |
| Industrial Development Revenue 3.0% | | |
| \$ 2,130 | Campbell County, WY, Solid Waste Facilities, (Basin Electric Power Cooperative), 5.75%, 7/15/39 | \$ 2,298,036 |
| 1,175 | Liberty Development Corp., NY, (Goldman Sachs Group, Inc.), 5.25%, 10/1/35 ⁽¹⁾ | 1,187,441 |
| 22,775 | St. John Baptist Parish, LA, (Marathon Oil Corp.), 5.125%, 6/1/37 | 21,649,004 |
| | | \$ 25,134,481 |
| Insured-Electric Utilities 11.4% | | |
| \$ 5,000 | American Municipal Power-Ohio, Inc., OH, (Prairie State Energy), (AGC), 5.75%, 2/15/39 | \$ 5,386,850 |
| 1,350 | Long Island, NY, Power Authority, (BHAC), 5.50%, 5/1/33 | 1,485,688 |
| 14,840 | Mississippi Development Bank, (Municipal Energy), (XLCA), 5.00%, 3/1/41 | 13,745,253 |
| 2,735 | Paducah, KY, Electric Plant Board, (AGC), 5.25%, 10/1/35 | 2,859,689 |
| 60,755 | South Carolina Public Service Authority, (AGM), 5.125%, 1/1/37 ⁽¹⁾ | 62,342,525 |
| 7,840 | South Carolina Public Service Authority, (Santee Cooper), (BHAC), 5.50%, 1/1/38 | 8,530,312 |
| 2,170 | Springfield, MO, Public Utility, (BHAC), (FGIC), 4.50%, 8/1/36 | 2,173,928 |
| | | \$ 96,524,245 |
| Insured-Escrowed/Prerefunded 0.1% | | |
| \$ 145 | Highlands County, FL, Health Facilities Authority, (Adventist Health System), (BHAC), Prerefunded to 11/15/16, 5.25%, 11/15/36 | \$ 172,479 |
| 378 | Highlands County, FL, Health Facilities Authority, (Adventist Health System), (BHAC), Prerefunded to 11/15/16, 5.25%, 11/15/36 ⁽¹⁾ | 450,207 |
| | | \$ 622,686 |
| Insured-General Obligations 20.1% | | |
| \$ 9,705 | Alamo, TX, Community College District, (BHAC), (NPFPG), 4.75%, 8/15/32 ⁽¹⁾ | \$ 9,919,286 |
| 34,035 | Chabot-Las Positas, CA, Community College District, (AMBAC), 0.00%, 8/1/45 | 3,426,303 |
| 35,370 | Chabot-Las Positas, CA, Community College District, (AMBAC), 0.00%, 8/1/46 | 3,316,291 |
| 32,995 | Chicago, IL, Board of Education, (FGIC), (NPFPG), 0.00%, 12/1/21 | 19,458,801 |

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**Principal
Amount
(000 s
omitted)**

| | Security | Value |
|-----------|---|-----------------------|
| \$ 12,705 | Clark County, NV, (AMBAC), 2.50%, 11/1/36 | \$ 8,192,819 |
| 10,055 | Frisco, TX, Independent School District, (AGM), 2.75%, 8/15/39 | 6,992,147 |
| 16,340 | Frisco, TX, Independent School District, (AGM), 4.00%, 8/15/40 | 15,371,201 |
| 18,375 | Kane, Cook and Du Page Counties, IL, School District No. 46, (AMBAC), 0.00%, 1/1/21 | 11,633,396 |
| 50,650 | Kane, Cook and Du Page Counties, IL, School District No. 46, (AMBAC), 0.00%, 1/1/22 | 30,255,271 |
| 7,000 | King County, WA, Public Hospital District No. 1, (AGC), 5.00%, 12/1/37 ⁽¹⁾ | 7,188,510 |
| 7,000 | Los Angeles, CA, Unified School District, (AGC), 5.00%, 1/1/34 | 7,035,280 |
| 5,855 | North Las Vegas, NV, Wastewater Reclamation System, (NPFPG), 4.25%, 10/1/33 | 5,188,643 |
| 8,955 | Palm Springs, CA, Unified School District, (AGC), 5.00%, 8/1/32 | 9,339,886 |
| 11,045 | Port Arthur, TX, Independent School District, (AGC), 4.75%, 2/15/38 ⁽¹⁾ | 10,910,471 |
| 2,005 | San Juan, CA, Unified School District, (AGM), 0.00%, 8/1/23 | 995,563 |
| 12,750 | Schaumburg, IL, (BHAC), (FGIC), 5.00%, 12/1/38 ⁽¹⁾ | 12,971,717 |
| 8,325 | Yuma and La Paz Counties, AZ, Community College District, (Arizona Western College), (NPFPG), 3.75%, 7/1/31 | 7,276,550 |
| | | \$ 169,472,135 |

Insured-Hospital 19.3%

| | | |
|----------|---|--------------|
| \$ 8,250 | Arizona Health Facilities Authority, (Banner Health), (BHAC), 5.375%, 1/1/32 | \$ 8,635,852 |
| 11,000 | California Statewide Communities Development Authority, (Sutter Health), (AGM), 5.05%, 8/15/38 ⁽¹⁾ | 11,138,270 |
| 3,950 | Centre County, PA, Hospital Authority, (Mount Nittany Medical Center), (AGC), 6.125%, 11/15/39 | 4,119,416 |
| 1,050 | Centre County, PA, Hospital Authority, (Mount Nittany Medical Center), (AGC), 6.25%, 11/15/44 | 1,094,237 |
| 11,500 | Colorado Health Facilities Authority, (Catholic Health), (AGM), 5.10%, 10/1/41 ⁽¹⁾ | 11,617,530 |
| 6,085 | Highlands County, FL, Health Facilities Authority, (Adventist Health System), (BHAC), 5.25%, 11/15/36 | 6,246,922 |
| 15,872 | Highlands County, FL, Health Facilities Authority, (Adventist Health System), (BHAC), 5.25%, 11/15/36 ⁽¹⁾ | 16,293,860 |
| 3,795 | Highlands County, FL, Health Facilities Authority, (Adventist Health System), (NPFPG), 5.00%, 11/15/35 | 3,762,439 |
| 15,000 | Illinois Finance Authority, (Children s Memorial Hospital), (AGC), 5.25%, 8/15/47 ⁽¹⁾ | 15,060,144 |
| 2,500 | Indiana Health and Educational Facility Finance Authority, (Sisters of St. Francis Health Services), (AGM), 5.25%, 5/15/41 ⁽¹⁾ | 2,567,650 |
| 2,625 | Iowa Finance Authority, Health Facilities, (Iowa Health System), (AGC), 5.625%, 8/15/37 | 2,765,490 |
| 1,675 | Maricopa County, AZ, Industrial Development Authority, (Catholic Healthcare West), (BHAC), 5.25%, 7/1/32 | 1,736,506 |

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| | | |
|--------|--|-----------------------|
| 19,150 | Maryland Health and Higher Educational Facilities Authority, (Lifebridge Health), (AGC), 4.75%, 7/1/47 ⁽¹⁾ | 18,962,137 |
| 5,250 | New Jersey Health Care Facilities Financing Authority, (Hackensack University Medical Center), (AGC), 5.25%, 1/1/36 ⁽¹⁾ | 5,394,060 |
| 6,735 | New Jersey Health Care Facilities Financing Authority, (Meridian Health Center), Series II, (AGC), 5.00%, 7/1/38 | 6,828,078 |
| 240 | New Jersey Health Care Facilities Financing Authority, (Meridian Health Center), Series V, (AGC), 5.00%, 7/1/38 | 243,317 |
| 3,760 | New Jersey Health Care Facilities Financing Authority, (Meridian Health Center), Series V, (AGC), 5.00%, 7/1/38 ⁽¹⁾ | 3,811,825 |
| 13,115 | New Jersey Health Care Facilities Financing Authority, (Virtua Health), (AGC), 5.50%, 7/1/38 | 13,957,245 |
| 5,795 | Washington Health Care Facilities Authority, (MultiCare Health System), (AGC), 6.00%, 8/15/39 | 6,203,663 |
| 8,700 | Washington Health Care Facilities Authority, (Providence Health Care), Series C, (AGM), 5.25%, 10/1/33 ⁽¹⁾ | 9,041,910 |
| 12,605 | Washington Health Care Facilities Authority, (Providence Health Care), Series D, (AGM), 5.25%, 10/1/33 ⁽¹⁾ | 13,121,552 |
| | | \$ 162,602,103 |

Insured-Industrial Development Revenue 1.1%

| | | |
|----------|---|---------------------|
| \$ 9,000 | Pennsylvania Economic Development Financing Authority, (Aqua Pennsylvania, Inc. Project), (BHAC), 5.00%, 10/1/39 ⁽¹⁾ | \$ 9,392,310 |
| | | \$ 9,392,310 |

| Principal Amount (000 s omitted) | Security | Value |
|--|--|----------------------|
| Insured-Lease Revenue/Certificates of Participation 11.7% | | |
| \$ 15,000 | Hudson Yards, NY, Infrastructure Corp., (NPMFG), 4.50%, 2/15/47 | \$ 13,633,200 |
| 2,910 | New Jersey Economic Development Authority, (School Facilities Construction), (AGC), 5.50%, 12/15/34 | 3,188,429 |
| 24,000 | San Diego County, CA, Water Authority, Certificates of Participation, (AGM), 5.00%, 5/1/38 ⁽¹⁾ | 24,751,680 |
| 42,750 | San Jose, CA, Financing Authority, (Civic Center), (AMBAC), (BHAC), 5.00%, 6/1/37 ⁽¹⁾ | 43,145,010 |
| 13,000 | Tri-Creek Middle School Building Corp., IN, (AGM), 5.25%, 1/15/34 ⁽¹⁾ | 13,642,590 |
| | | \$ 98,360,909 |
| Insured-Other Revenue 7.6% | | |
| \$ 16,350 | Golden State Tobacco Securitization Corp., CA, (AGC), 5.00%, 6/1/45 | \$ 15,774,153 |
| 37,800 | Golden State Tobacco Securitization Corp., CA, (AGC), 5.00%, 6/1/45 ⁽¹⁾ | 36,468,684 |
| 16,795 | Harris County-Houston, TX, Sports Authority, (NPMFG), 0.00%, 11/15/34 | 3,214,227 |
| 6,750 | New York, NY, Industrial Development Agency, (Yankee Stadium), (AGC), 7.00%, 3/1/49 | 7,831,958 |
| 1,300 | University of California, (Regents Medical Center), (BHAC), (NPMFG), 4.50%, 5/15/47 | 1,223,625 |
| | | \$ 64,512,647 |
| Insured-Private Education 3.1% | | |
| \$ 8,000 | Massachusetts Development Finance Agency, (Boston University), (AMBAC), (BHAC), 5.00%, 10/1/35 | \$ 8,351,680 |
| 7,865 | Miami-Dade County, FL, Educational Facilities Authority, (University of Miami), (AMBAC), (BHAC), 5.00%, 4/1/31 | 8,114,399 |
| 9,975 | Washington, DC, Georgetown University, (AMBAC), 4.50%, 4/1/42 | 9,615,102 |
| | | \$ 26,081,181 |
| Insured-Solid Waste 0.6% | | |
| \$ 2,760 | Palm Beach County, FL, Solid Waste Authority, (BHAC), 5.00%, 10/1/24 | \$ 3,006,082 |
| 1,575 | Palm Beach County, FL, Solid Waste Authority, (BHAC), 5.00%, 10/1/26 | 1,689,408 |
| | | \$ 4,695,490 |
| Insured-Special Tax Revenue 12.9% | | |
| \$ 18,005 | Alabama Public School and College Authority, (AGM), 2.50%, 12/1/27 | \$ 13,561,186 |
| 18,980 | Houston, TX, Hotel Occupancy Tax, (AMBAC), 0.00%, 9/1/24 | 8,527,524 |
| 1,175 | Jacksonville, FL, Excise Tax, (FGIC), (NPMFG), 5.125%, 10/1/27 | 1,221,965 |
| 7,665 | Massachusetts Bay Transportation Authority, Assessment Bonds, (NPMFG), 4.00%, 7/1/33 | 7,423,782 |

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| | | |
|---------|---|-----------------------|
| 34,500 | Metropolitan Pier and Exposition Authority, IL, (McCormick Place Expansion), (NPF), 0.00%, 12/15/34 | 8,145,105 |
| 15,000 | Miami-Dade County, FL, Professional Sports Franchise Facilities, (AGC), 0.00%, 10/1/39 | 9,280,650 |
| 600 | Miami-Dade County, FL, Special Obligation, (NPF), 0.00%, 10/1/35 | 113,328 |
| 8,000 | Miami-Dade County, FL, Special Obligation, (NPF), 0.00%, 10/1/39 | 1,135,120 |
| 14,630 | New York Convention Center Development Corp., Hotel Occupancy Tax, (AMBAC), 4.75%, 11/15/45 | 14,142,967 |
| 5,785 | New York Convention Center Development Corp., Hotel Occupancy Tax, (AMBAC), 5.00%, 11/15/44 | 5,798,190 |
| 196,275 | Puerto Rico Sales Tax Financing Corp., (AMBAC), 0.00%, 8/1/54 | 11,195,526 |
| 26,815 | Puerto Rico Sales Tax Financing Corp., (NPF), 0.00%, 8/1/44 | 3,044,039 |
| 78,410 | Puerto Rico Sales Tax Financing Corp., (NPF), 0.00%, 8/1/45 | 8,280,096 |
| 49,580 | Puerto Rico Sales Tax Financing Corp., (NPF), 0.00%, 8/1/46 | 4,868,260 |
| 1,075 | Sunrise, FL, Public Facilities, (NPF), 0.00%, 10/1/20 | 654,546 |
| 10,800 | Utah Transportation Authority, Sales Tax Revenue, (AGM), 4.75%, 6/15/32 ⁽¹⁾ | 11,106,072 |
| | | \$ 108,498,356 |

Insured-Student Loan 1.5%

| | | |
|-----------|--|----------------------|
| \$ 12,040 | Maine Educational Loan Authority, (AGC), 5.625%, 12/1/27 | \$ 12,602,148 |
| | | \$ 12,602,148 |

Insured-Transportation 31.1%

| | | |
|-----------|---|---------------|
| \$ 21,640 | Chicago, IL, (O Hare International Airport), (AGM), 4.75%, 1/1/34 ⁽¹⁾ | \$ 21,249,180 |
| 13,360 | Chicago, IL, (O Hare International Airport), (AGM), 5.00%, 1/1/38 ⁽¹⁾ | 13,434,682 |
| 8,080 | Clark County, NV, (Las Vegas-McCarran International Airport), (AGM), 5.25%, 7/1/39 | 8,212,997 |
| 10,070 | Director of the State of Nevada Department of Business and Industry, (Las Vegas Monorail), (AMBAC), 0.00%, 1/1/23 | 1,321,688 |

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| Principal Amount (000 s omitted) | Security | Value |
|---|---|-----------------------|
| \$ 3,100 | Director of the State of Nevada Department of Business and Industry, (Las Vegas Monorail), (AMBAC), 0.00%, 1/1/28 | \$ 302,777 |
| 15,000 | Director of the State of Nevada Department of Business and Industry, (Las Vegas Monorail), (AMBAC), 5.375%, 1/1/40 ⁽³⁾ | 4,063,350 |
| 10,200 | E-470 Public Highway Authority, CO, (NPFPG), 0.00%, 9/1/21 | 5,268,504 |
| 25,000 | E-470 Public Highway Authority, CO, (NPFPG), 0.00%, 9/1/39 | 3,222,750 |
| 7,800 | Harris County, TX, Toll Road, Senior Lien, (BHAC), (NPFPG), 5.00%, 8/15/33 ⁽¹⁾ | 8,153,574 |
| 6,710 | Manchester, NH, (Manchester-Boston Regional Airport), (AGM), 5.125%, 1/1/30 | 6,827,962 |
| 10,150 | Maryland Transportation Authority, (AGM), 4.50%, 7/1/41 ⁽¹⁾ | 10,124,726 |
| 20,995 | Maryland Transportation Authority, (AGM), 5.00%, 7/1/35 ⁽¹⁾ | 22,177,646 |
| 14,000 | Maryland Transportation Authority, (AGM), 5.00%, 7/1/36 ⁽¹⁾ | 14,769,160 |
| 1,785 | Metropolitan Washington, DC, Airports Authority, (BHAC), 5.00%, 10/1/29 | 1,886,424 |
| 16,025 | Minneapolis and St. Paul, MN, Metropolitan Airports Commission, (FGIC), (NPFPG), 4.50%, 1/1/32 | 15,594,248 |
| 13,000 | New Jersey Transportation Trust Fund Authority, (AGC), 5.50%, 12/15/38 | 14,250,600 |
| 1,015 | North Carolina Turnpike Authority, (Triangle Expressway System), (AGC), 5.50%, 1/1/29 | 1,089,024 |
| 1,160 | North Carolina Turnpike Authority, (Triangle Expressway System), (AGC), 5.75%, 1/1/39 | 1,245,411 |
| 20,000 | North Texas Tollway Authority, (BHAC), 5.75%, 1/1/48 ⁽¹⁾ | 21,491,400 |
| 10,000 | Port Authority of New York and New Jersey, (AGM), 5.00%, 8/15/26 ⁽¹⁾ | 10,885,700 |
| 1,605 | Port Palm Beach District, FL, (XLCA), 0.00%, 9/1/24 | 681,932 |
| 1,950 | Port Palm Beach District, FL, (XLCA), 0.00%, 9/1/25 | 771,147 |
| 1,000 | Port Palm Beach District, FL, (XLCA), 0.00%, 9/1/26 | 367,370 |
| 86,595 | San Joaquin Hills, CA, Transportation Corridor Agency, (Toll Road Bonds), (NPFPG), 0.00%, 1/15/25 | 27,987,504 |
| 25,735 | Texas Turnpike Authority, (AMBAC), 0.00%, 8/15/20 | 14,973,395 |
| 33,065 | Texas Turnpike Authority, (Central Texas Turnpike System), (AMBAC), 5.00%, 8/15/42 | 31,588,978 |
| | | \$ 261,942,129 |
| | | |
| Insured-Water and Sewer 14.7% | | |
| \$ 2,000 | Austin, TX, Water and Wastewater, (AGM), (BHAC), 5.00%, 11/15/33 ⁽¹⁾ | \$ 2,074,980 |
| 1,890 | Birmingham, AL, Waterworks and Sewer Board, (AMBAC), (BHAC), 4.50%, 1/1/39 | 1,833,848 |
| 3,185 | Bossier City, LA, Utilities Revenue, (BHAC), 5.25%, 10/1/26 | 3,473,975 |
| 1,985 | Bossier City, LA, Utilities Revenue, (BHAC), 5.25%, 10/1/27 | 2,152,018 |
| 3,170 | Bossier City, LA, Utilities Revenue, (BHAC), 5.50%, 10/1/38 | 3,395,324 |
| 3,570 | Chicago, IL, Wastewater Transmission Revenue, (BHAC), 5.50%, 1/1/38 | 3,804,549 |
| 13,670 | Chicago, IL, Wastewater Transmission Revenue, (NPFPG), 0.00%, 1/1/23 | 7,703,728 |
| 8,500 | District of Columbia Water and Sewer Authority, (AGC), 5.00%, 10/1/34 ⁽¹⁾ | 8,777,865 |
| 6,095 | | 6,103,716 |

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| | | |
|--------|---|-----------------------|
| | East Baton Rouge, LA, Sewerage Commission, (AGM), (BHAC), 4.50%, 2/1/31 ⁽¹⁾ | |
| 5,890 | East Baton Rouge, LA, Sewerage Commission, (AGM), (BHAC), 4.50%, 2/1/36 ⁽¹⁾ | 5,863,201 |
| 2,000 | Fernley, NV, Water and Sewer, (AGC), 5.00%, 2/1/38 ⁽¹⁾ | 2,011,200 |
| 27,570 | Houston, TX, Utility System, (AGM), (BHAC), 5.00%, 11/15/33 ⁽¹⁾ | 28,521,714 |
| 9,010 | Knoxville, TN, Waste Water System, (NPF), 4.00%, 4/1/40 | 8,393,536 |
| 160 | New York, NY, Municipal Water Finance Authority, (BHAC), 5.75%, 6/15/40 | 181,134 |
| 9,500 | New York, NY, Municipal Water Finance Authority, (BHAC), 5.75%, 6/15/40 ⁽¹⁾ | 10,754,855 |
| 27,670 | Seattle, WA, Drain and Wastewater Revenue, (AGM), 5.00%, 6/1/38 ⁽¹⁾ | 28,985,706 |
| | | \$ 124,031,349 |

Insured-Water Revenue 12.4%

| | | |
|--------|--|-----------------------|
| \$ 595 | Detroit, MI, Water Supply System, (BHAC), (FGIC), 4.50%, 7/1/29 | \$ 564,375 |
| 53,500 | Los Angeles, CA, Department of Water and Power, (BHAC), (FGIC), 5.00%, 7/1/43 ⁽¹⁾ | 53,838,655 |
| 38,095 | Massachusetts Water Resources Authority, (AMBAC), (BHAC), 4.00%, 8/1/40 | 35,535,397 |
| 5,750 | Metropolitan Water District, CA, Water and Sewer Systems, (BHAC), (FGIC), 5.00%, 10/1/36 ⁽¹⁾ | 5,889,035 |
| 9,880 | San Luis Obispo County, CA, (Nacimiento Water Project), (NPF), 4.50%, 9/1/40 | 8,999,692 |
| | | \$ 104,827,154 |

Other Revenue 0.3%

| | | |
|----------|--|---------------------|
| \$ 2,920 | Main Street Natural Gas, Inc., GA, Gas Project Revenue, 5.50%, 9/15/27 | \$ 2,800,630 |
| | | \$ 2,800,630 |

| Principal Amount (000 s omitted) | Security | Value |
|---|--|-------------------------|
| Private Education 7.2% | | |
| \$ 14,700 | Connecticut State Health and Educational Facility Authority, (Wesleyan University), 5.00%, 7/1/39 ⁽¹⁾ | \$ 15,523,347 |
| 15,000 | Houston, TX, Higher Education Finance Corp., (William Marsh Rice University), 5.00%, 5/15/35 | 15,954,900 |
| 2,000 | Massachusetts Health and Educational Facilities Authority, (Harvard University), 5.00%, 10/1/38 ⁽¹⁾ | 2,117,620 |
| 8,790 | Massachusetts Health and Educational Facilities Authority, (Harvard University), 5.50%, 11/15/36 | 9,851,041 |
| 3,070 | New York Dormitory Authority, (Rockefeller University), 5.00%, 7/1/40 ⁽²⁾ | 3,253,709 |
| 13,500 | North Carolina Capital Facilities Finance Agency, (Duke University), 5.00%, 10/1/38 ⁽¹⁾ | 14,227,650 |
| | | \$ 60,928,267 |
| Transportation 0.8% | | |
| \$ 2,915 | Orlando-Orange County, FL, Expressway Authority, 5.00%, 7/1/35 | \$ 2,953,944 |
| 3,480 | Orlando-Orange County, FL, Expressway Authority, 5.00%, 7/1/40 | 3,529,242 |
| | | \$ 6,483,186 |
| Water and Sewer 0.9% | | |
| \$ 1,445 | Marco Island, FL, Utility System, 5.00%, 10/1/34 | \$ 1,454,117 |
| 6,325 | Marco Island, FL, Utility System, 5.00%, 10/1/40 | 6,390,274 |
| | | \$ 7,844,391 |
| Total Tax-Exempt Investments 171.3% (identified cost \$1,477,721,370) | | \$ 1,445,157,404 |
| Short-Term Investments 0.7% | | |
| Principal Amount (000 s omitted) | | |
| \$ | Description | Value |
| 5,514 | State Street Bank and Trust Euro Time Deposit, 0.01%, 7/1/10 | \$ 5,514,305 |
| Total Short-Term Investments 0.7% (identified cost \$5,514,305) | | \$ 5,514,305 |

| | |
|--|------------------|
| Total Investments 172.0% (identified cost \$1,483,235,675) | \$ 1,450,671,709 |
| Other Assets, Less Liabilities (72.0)% | \$ (607,218,367) |
| Net Assets 100.0% | \$ 843,453,342 |

The percentage shown for each investment category in the Portfolio of Investments is based on net assets.

- AGC - Assured Guaranty Corp.
- AGM - Assured Guaranty Municipal Corp.
- AMBAC - AMBAC Financial Group, Inc.
- BHAC - Berkshire Hathaway Assurance Corp.
- FGIC - Financial Guaranty Insurance Company
- NPFG - National Public Finance Guaranty Corp.
- XLCA - XL Capital Assurance, Inc.

At June 30, 2010, the concentration of the Fund's investments in the various states, determined as a percentage of total investments is as follows:

| | |
|---|-------|
| California | 19.9% |
| Texas | 13.2% |
| Others, representing less than 10% individually | 66.9% |

The Fund invests primarily in debt securities issued by municipalities. The ability of the issuers of the debt securities to meet their obligations may be affected by economic developments in a specific industry or municipality. In order to reduce the risk associated with such economic developments, at June 30, 2010, 85.8% of total investments are backed by bond insurance of various financial institutions and financial guaranty assurance agencies. The aggregate percentage insured by an individual financial institution ranged from 1.1% to 25.9% of total investments.

- (1) Security represents the underlying municipal bond of an inverse floater.
- (2) Security (or a portion thereof) has been pledged as collateral for open swap contracts. The aggregate value of such collateral is \$1,192,320.
- (3) Defaulted bond.

A summary of financial instruments outstanding at June 30, 2010 is as follows:

Interest Rate Swaps

| Counterparty | Notional Amount | Annual | Floating Rate | Effective Date/ Termination | Net Unrealized |
|--|--------------------|-------------------------------|---------------------------|--|-----------------------|
| | | Fixed Rate Paid By Fund | Paid To Fund | Date | Depreciation |
| JPMorgan Chase Co. | \$ 19,525,000 | 4.046% | 3-month USD- LIBOR-BBA | September 17, 2010 / September 17, 2040 | \$ (1,105,265) |
| Merrill Lynch Capital Service, Inc. | 30,000,000 | 4.140 | 3-month USD- LIBOR-BBA | August 24, 2010 / August 24, 2040 | (2,281,700) |
| | | | | | \$ (3,386,965) |

The effective date represents the date on which the Fund and the counterparty to the interest rate swap contract begin interest payment accruals.

At June 30, 2010, the Fund had sufficient cash and/or securities to cover commitments under these contracts.

The Fund is subject to interest rate risk in the normal course of pursuing its investment objectives. Because the Fund holds fixed rate bonds, the value of these bonds may decrease if interest rates rise. To hedge against this risk, the Fund may enter into interest rate swap contracts.

At June 30, 2010, the aggregate fair value of derivative instruments (not considered to be hedging instruments for accounting disclosure purposes) in a liability position and whose primary underlying risk exposure is interest rate risk was \$3,386,965.

The cost and unrealized appreciation (depreciation) of investments of the Fund at June 30, 2010, as determined on a federal income tax basis, were as follows:

| | |
|------------------------------------|------------------------|
| Aggregate cost | \$ 865,163,178 |
| Gross unrealized appreciation | \$ 45,682,046 |
| Gross unrealized depreciation | (76,643,515) |
| Net unrealized depreciation | \$ (30,961,469) |

Under generally accepted accounting principles for fair value measurements, a three-tier hierarchy to prioritize the assumptions, referred to as inputs, is used in valuation techniques to measure fair value. The three-tier hierarchy of inputs is summarized in the three broad levels listed below.

Level 1 quoted prices in active markets for identical investments

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

Level 3 significant unobservable inputs (including a fund's own assumptions in determining the fair value of investments)

The inputs or methodology used for valuing securities are not necessarily an indication of the risk associated with investing in those securities.

At June 30, 2010, the inputs used in valuing the Fund's investments, which are carried at value, were as follows:

| Asset Description | Quoted Prices in Active Markets for Identical Assets (Level 1) | Significant Other Observable Inputs (Level 2) | Significant Unobservable Inputs (Level 3) | Total |
|------------------------------|--|---|---|-------------------------|
| Tax-Exempt Investments | \$ | \$ 1,445,157,404 | \$ | \$ 1,445,157,404 |
| Short-Term Investments | | 5,514,305 | | 5,514,305 |
| Total Investments | \$ | \$ 1,450,671,709 | \$ | \$ 1,450,671,709 |
| Liability Description | | | | |
| Interest Rate Swaps | \$ | \$ (3,386,965) | \$ | \$ (3,386,965) |
| Total | \$ | \$ (3,386,965) | \$ | \$ (3,386,965) |

The Fund held no investments or other financial instruments as of September 30, 2009 whose fair value was determined using Level 3 inputs.

For information on the Fund's policy regarding the valuation of investments and other significant accounting policies, please refer to the Fund's most recent financial statements included in its semiannual or annual report to shareholders.

Item 2. Controls and Procedures

(a) It is the conclusion of the registrant's principal executive officer and principal financial officer that the effectiveness of the registrant's current disclosure controls and procedures (such disclosure controls and procedures having been evaluated within 90 days of the date of this filing) provide reasonable assurance that the information required to be disclosed by the registrant on this Form N-Q has been recorded, processed, summarized and reported within the time period specified in the Commission's rules and forms and that the information required to be disclosed by the registrant on this Form N-Q has been accumulated and communicated to the registrant's principal executive officer and principal financial officer in order to allow timely decisions regarding required disclosure.

(b) There have been no changes in the registrant's internal controls over financial reporting during the fiscal quarter for which the report is being filed that have materially affected, or are reasonably likely to materially affect the registrant's internal control over financial reporting.

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.

Eaton Vance Municipal Bond Fund

By: /s/ Thomas M. Metzold

Thomas M. Metzold
President

Date: August 25, 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: /s/ Thomas M. Metzold

Thomas M. Metzold
President

Date: August 25, 2010

By: /s/ Barbara E. Campbell

Barbara E. Campbell
Treasurer

Date: August 25, 2010