

MFS INVESTMENT GRADE MUNICIPAL TRUST
Form N-Q
October 29, 2008

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF
REGISTERED MANAGEMENT INVESTMENT COMPANIES

Investment Company Act file number 811-5785

MFS INVESTMENT GRADE MUNICIPAL TRUST

(Exact name of registrant as specified in charter)

500 Boylston Street, Boston, Massachusetts 02116

(Address of principal executive offices) (Zip code)

Susan S. Newton

Massachusetts Financial Services Company

500 Boylston Street

Boston, Massachusetts 02116

(Name and address of agents for service)

Registrant's telephone number, including area code: (617) 954-5000

Date of fiscal year end: November 30

Date of reporting period: August 31, 2008

ITEM 1. SCHEDULE OF INVESTMENTS.

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MFS Investment Grade Municipal Trust

PORTFOLIO OF INVESTMENTS (Unaudited) 8/31/08

| Issuer | Shares/Par | Value (\$) |
|--|--------------|--------------|
| Municipal Bonds 149.4% | | |
| Airport and Port Revenue 0.2% | | |
| New York, NY, City Industrial Development Authority Rev. (Terminal One Group Assn.), 5.5%, 2021 | \$ 250,000 | \$ 256,005 |
| General Obligations General Purpose 5.5% | | |
| Chicago, IL (Emergency Telecommunications Systems), FGIC, 5.5%, 2023 | \$ 1,000,000 | \$ 1,098,010 |
| Chicago, IL, A, AMBAC, 6.25%, 2014 | 1,480,000 | 1,700,875 |
| Commonwealth of Puerto Rico, Public Improvement, A, 5%, 2030 (a) | 415,000 | 422,777 |
| Highlands Ranch, CO, Metropolitan District, FSA, 6.5%, 2011 | 650,000 | 718,283 |
| Highlands Ranch, CO, Metropolitan District, ETM, FSA, 6.5%, 2011 (c) | 725,000 | 804,663 |
| St. Clair County, IL, Capital Appreciation, FGIC, 0%, 2016 (f) | 2,000,000 | 1,426,380 |
| State of California, 5.75%, 2019 | 70,000 | 70,823 |
| | | \$ 6,241,811 |
| General Obligations Improvement 1.5% | | |
| St. Clair County, IL, Public Building Capital Appreciation, B, FGIC, 0%, 2013 | \$ 2,000,000 | \$ 1,653,740 |
| General Obligations - Schools 6.0% | | |
| Modesto, CA, High School District (Stanislaus County), A, FGIC, 0%, 2019 | \$ 1,350,000 | \$ 797,850 |
| Pomona, CA, Unified School District, A, MBIA, 6.45%, 2022 | 1,000,000 | 1,132,270 |
| San Lorenzo, CA, Unified School District, Alameda County, Election 2004, B, FGIC, 4.75%, 2037 | 640,000 | 624,250 |
| St. Johns, MI, Public Schools, FGIC, 5.1%, 2025 | 1,000,000 | 1,077,810 |
| West Contra Costa, CA, Unified School District, B, MBIA, 6%, 2024 | 250,000 | 281,413 |
| Will County, IL, School District (Channahon), AMBAC, 8.5%, 2015 | 1,400,000 | 1,835,848 |
| Frenship, TX, Independent School District, FSA, 5%, 2033 | 1,000,000 | 997,170 |
| | | \$ 6,746,611 |
| Healthcare Revenue Hospitals 30.1% | | |
| Allegheny County, PA, Hospital Development Authority Rev. (West Penn Allegheny Health), A, 5.375%, 2040 | \$ 405,000 | \$ 282,678 |
| Arizona Health Facilities Authority Rev. (Banner Health System), D, 5.5%, 2038 | 535,000 | 523,765 |
| Augusta County, VA, Industrial Development Authority (Augusta Health Care, Inc.), 5.25%, 2019 | 1,000,000 | 1,043,300 |
| Boone County, MO, Hospital Rev., (Boone Hospital Center), 5.375%, 2038 | 135,000 | 128,728 |
| Boone County, MO, Hospital Rev., (Boone Hospital Center), 5.625%, 2038 | 120,000 | 118,878 |
| Brunswick, GA, Hospital Authority Rev. (Glynn-Brunswick Memorial Hospital), 5.625%, 2034 | 165,000 | 162,012 |
| California Health Facilities Financing Authority Rev. (Catholic Healthcare West), I, 4.95%, 2026 (a) | 200,000 | 204,658 |
| California Statewide Communities Development Authority Rev. (Catholic Healthcare West) K, ASSD GTY, 5.5%, 2041 | 335,000 | 341,539 |
| California Statewide Communities Development Authority Rev. (Children's Hospital), 5%, 2047 | 575,000 | 464,140 |
| California Statewide Communities Development Authority Rev. (Enloe Medical Center), CHCLI, 5.75%, 2038 | 360,000 | 360,796 |
| California Statewide Communities Development Authority Rev. (St. Joseph Health System), C, FGIC, 5.75%, 2047 | 490,000 | 504,029 |
| Cass County, MO, Hospital Rev., 5.625%, 2038 | 135,000 | 121,657 |
| Colorado Health Facilities Authority Rev. (Poudre Valley Health Care, Inc.), B, FSA, 5.25%, 2036 | 200,000 | 198,274 |
| Colorado Health Facilities Authority Rev. (Poudre Valley Health Care, Inc.), C, FSA, 5.25%, 2040 | 175,000 | 172,874 |
| District of Columbia Hospital Rev. (Children's Hospital Obligated Group), FSA, 5.25%, 2045 | 370,000 | 360,561 |
| Glendale, AZ, Industrial Development Authority (John C. Lincoln Health), 5%, 2042 | 100,000 | 83,272 |
| Health Care Authority for Baptist Health, AL, D, 5%, 2021 | 850,000 | 799,672 |
| Henderson, NV, Health Care Facilities Rev. (Catholic West), A, 6.75%, 2010 (c) | 440,000 | 480,058 |

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MFS Investment Grade Municipal Trust

PORTFOLIO OF INVESTMENTS (Unaudited) 8/31/08 - continued

| Issuer | Shares/Par | Value (\$) |
|--|------------|------------|
| Municipal Bonds continued | | |
| Healthcare Revenue Hospitals continued | | |
| Henderson, NV, Health Care Facilities Rev. (Catholic West), A, 6.75%, 2010 (c) | \$ 60,000 | \$ 64,934 |
| Illinois Development Finance Authority Hospital Rev. (Adventist Health Systems Sunbelt Obligatory), 5.5%, 2009 (c) | 900,000 | 946,719 |
| Illinois Finance Authority Rev. (Children s Memorial Hospital), A, ASSD GTY, 5.25%, 2047 | 540,000 | 528,584 |
| Illinois Finance Authority Rev. (Edward Hospital), A, AMBAC, 5.5%, 2040 | 470,000 | 470,315 |
| Illinois Finance Authority Rev. (Kishhealth Systems Obligations Group), 5.75%, 2028 | 380,000 | 379,533 |
| Illinois Finance Authority Rev. (Rush University Medical Center), B, MBIA, 5.25%, 2035 | 100,000 | 95,003 |
| Illinois Health Facilities Authority Rev. (Swedish American Hospital), 6.875%, 2010 (c) | 500,000 | 537,840 |
| Indiana Finance Authority Rev. (Sisters of St. Francis Health Services), 5.375%, 2032 | 225,000 | 219,668 |
| Indiana Health & Educational Facilities Authority, Hospital Rev. (Community Foundation of Northwest Indiana), 5.5%, 2037 | 845,000 | 722,475 |
| Indiana Health & Educational Facilities Financing Authority Rev. (Jackson County Schneck Memorial Hospital), A, 5.25%, 2036 | 350,000 | 321,195 |
| Indiana Health & Educational Facilities Financing Authority Rev. (Sisters of St. Francis Health Services, Inc.), E, FSA, 5.25%, 2041 | 515,000 | 514,959 |
| Indiana Health Facilities Financing Authority Rev. (Community Foundation of Northwest Indiana), A, 6%, 2034 | 150,000 | 143,411 |
| Jackson, TN, Town Hospital Rev. (Jackson-Madison County General Hospital), 5.5%, 2033 | 190,000 | 185,244 |
| Jackson, TN, Town Hospital Rev. (Jackson-Madison County General Hospital), 5.75%, 2041 | 380,000 | 375,569 |
| Lake County, OH, Hospital Facilities Rev., (Lake Hospital), C, 6%, 2043 | 265,000 | 254,578 |
| Louisiana Public Facilities Authority Hospital Rev. (Lake Charles Memorial Hospital), 6.375%, 2034 | 380,000 | 354,608 |
| Louisville & Jefferson County, KY, Metro Government Health Facilities Rev. (Jewish Hospital, St. Mary s Healthcare), 6.125%, 2037 | 255,000 | 258,162 |
| Lufkin, TX, Health Facilities Development Corp. Rev. (Memorial Health System), 5.5%, 2032 | 45,000 | 40,771 |
| Lufkin, TX, Health Facilities Development Corp. Rev. (Memorial Health System), 5.5%, 2037 | 45,000 | 40,035 |
| Maryland Health & Higher Educational Facilities Authority Rev. (Lifebridge Health), ASSD GTY, 5%, 2034 | 250,000 | 252,470 |
| Maryland Health & Higher Educational Facilities Authority Rev. (Medstar Health), BHAC, 5.25%, 2046 | 365,000 | 367,960 |
| Maryland Health & Higher Educational Facilities Authority Rev. (Mercy Medical Center), A, 5.5%, 2042 | 300,000 | 272,352 |
| Maryland Health & Higher Educational Facilities Authority Rev. (University of Maryland Medical System), 6.75%, 2010 (c) | 250,000 | 273,200 |
| Maryland Health & Higher Educational Facilities Authority Rev. (Washington County Hospital), 5.75%, 2038 | 65,000 | 61,820 |
| Maryland Health & Higher Educational Facilities Authority Rev. (Washington County Hospital), 6%, 2043 | 95,000 | 92,830 |
| Massachusetts Health & Educational Facilities Authority Rev. (Civic Investments, Inc.), A, 9%, 2012 (c) | 250,000 | 300,828 |
| Massachusetts Health & Educational Facilities Authority Rev. (Milford-Whitinsville Regional), C, 5.75%, 2013 | 430,000 | 435,414 |
| Massachusetts Health & Educational Facilities Authority Rev. (Quincy Medical Center), A, 6.5%, 2038 | 165,000 | 158,725 |
| Massachusetts Health & Educational Facilities Authority Rev. (South Shore Hospital), R, 5.75%, 2009 (c) | 630,000 | 654,986 |
| Massachusetts Health & Educational Facilities Authority Rev., Unrefunded (South Shore Hospital), F, 5.75%, 2029 | 370,000 | 362,926 |
| Michigan State Hospital Finance Authority (McLaren Health Care), 5.75%, 2038 | 390,000 | 386,868 |
| New Hampshire Health & Educational Facilities Authority Rev. (Catholic Medical Center), A, 6.125%, 2012 (c) | 440,000 | 498,027 |

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PORTFOLIO OF INVESTMENTS (Unaudited) 8/31/08 - continued

| Issuer | Shares/Par | Value (\$) |
|---|------------|------------|
| Municipal Bonds continued | | |
| Healthcare Revenue Hospitals continued | | |
| New Hampshire Health & Educational Facilities Authority Rev. (Catholic Medical Center), A, 6.125%, 2032 | \$ 60,000 | \$ 60,183 |
| New Hampshire Health & Educational Facilities Authority Rev. (Memorial Hospital at Conway), 5.25%, 2036 | 300,000 | 254,427 |
| New Jersey Health Care Facilities, Financing Authority Rev. (St. Peter's University Hospital), 5.75%, 2037 | 415,000 | 391,611 |
| New York Dormitory Authority Rev. (North Shore Long Island Jewish Group), 5.5%, 2013 (c) | 100,000 | 112,315 |
| New York Dormitory Authority Rev., Non-State Supported Debt (Mt. Sinai NYU Health), 5.5%, 2026 | 200,000 | 200,024 |
| New York Dormitory Authority Rev., Non-State Supported Debt (Mt. Sinai NYU Health), C, 5.5%, 2026 | 300,000 | 300,036 |
| Northampton County, PA, General Purpose Authority Hospital Rev., (St. Luke's Hospital), A, 5.5%, 2040 | 115,000 | 108,102 |
| Northampton County, PA, General Purpose Authority Hospital Rev., (St. Luke's Hospital), A, 5.5%, 2035 | 100,000 | 95,019 |
| Orange County, FL, Health Facilities Authority Hospital Rev. (Orlando Regional Healthcare), 5.75%, 2012 (c) | 150,000 | 167,447 |
| Orange County, FL, Health Facilities Authority Hospital Rev. (Orlando Regional Healthcare), C, MBIA, 6.25%, 2013 | 720,000 | 813,096 |
| Orange County, FL, Health Facilities Authority Hospital Rev. (Orlando Regional Healthcare), C, ETM, 6.25%, 2013 (c) | 1,740,000 | 2,003,436 |
| Orange County, FL, Health Facilities Authority Hospital Rev. (Orlando Regional Healthcare), E, 6%, 2009 (c) | 5,000 | 5,259 |
| Orange County, FL, Health Facilities Authority Hospital Rev. (Orlando Regional Healthcare), E, 6%, 2026 | 170,000 | 173,883 |
| Philadelphia, PA, Hospitals & Higher Education Facilities Authority Rev. (Temple University Hospital), A, 5.5%, 2030 | 395,000 | 358,624 |
| Rhode Island Health & Educational Building Corp., Hospital Financing (Lifespan Obligated Group), 6.375%, 2012 (c) | 435,000 | 494,991 |
| Rhode Island Health & Educational Building Corp., Hospital Financing (Lifespan Obligated Group), 6.375%, 2021 | 65,000 | 68,927 |
| Saline County, MO, Industrial Development Authority Rev. (John Fitzgibbon Memorial Hospital, Inc.), 5.625%, 2035 | 500,000 | 426,430 |
| Scioto County, OH, Hospital Facilities Rev. (Southern Ohio Medical Center), 5.75%, 2038 | 575,000 | 558,170 |
| Skagit County, WA, Public Hospital District No. 001, 5.75%, 2032 | 65,000 | 61,194 |
| South Broward, FL, Hospital District Rev., 5.625%, 2012 (c) | 1,000,000 | 1,110,270 |
| South Carolina Jobs Economic Development Authority (Bon Secours - Venice Healthcare Corp.), A, 5.5%, 2012 (c) | 110,000 | 122,047 |
| South Carolina Jobs Economic Development Authority (Bon Secours - Venice Healthcare Corp.), B, 5.5%, 2023 | 390,000 | 395,355 |
| South Dakota Health & Educational Facilities Authority Rev. (Sioux Valley Hospitals & Health Systems), A, 5.25%, 2034 | 250,000 | 242,040 |
| Southwestern, IL, Development Authority Rev. (Anderson Hospital), 5.375%, 2015 | 380,000 | 385,096 |
| Southwestern, IL, Development Authority Rev. (Anderson Hospital), 5.125%, 2036 | 1,000,000 | 842,960 |
| St. Paul, MN, Housing & Redevelopment Authority Healthcare Facilities Rev. (Healthpartners Obligations Group), 5.25%, 2023 | 325,000 | 312,107 |
| St. Paul, MN, Housing & Redevelopment Hospital (Healthpartners Obligated Group), 5.25%, 2036 | 615,000 | 543,236 |
| St. Paul, MN, Port Authority Lease Rev. (Regions Hospital), 1, 5%, 2036 | 675,000 | 552,002 |
| Sullivan County, TN, Health, Educational & Housing Facilities Board Hospital Rev. (Wellmont Health Systems Project), C, 5.25%, 2026 | 1,000,000 | 910,970 |
| Sullivan County, TN, Health, Educational & Housing Facilities Board Hospital Rev. (Wellmont Health Systems Project), C, 5.25%, 2036 | 135,000 | 116,463 |
| Sumner County, TN, Health, Educational & Housing Facilities Board Rev. (Sumner Regional Health), A, 5.5%, 2046 | 1,000,000 | 874,530 |

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MFS Investment Grade Municipal Trust

PORTFOLIO OF INVESTMENTS (Unaudited) 8/31/08 - continued

| Issuer | Shares/Par | Value (\$) |
|---|------------|---------------|
| Municipal Bonds continued | | |
| Healthcare Revenue Hospitals continued | | |
| Tarrant County, TX, Cultural Education Facilities Finance Corp. (Scott and White Memorial Hospital), A, 5.5%, 2031 | \$ 85,000 | \$ 84,996 |
| Tyler, TX, Health Facilities Development Corp. (East Texas Medical Center), A, 5.25%, 2032 | 265,000 | 230,974 |
| Tyler, TX, Health Facilities Development Corp. (East Texas Medical Center), A, 5.375%, 2037 | 220,000 | 189,328 |
| University of Kansas Hospital Authority Health Facilities Rev. (KU Health Systems), 5.625%, 2012 (c) | 500,000 | 555,590 |
| Washington Health Care Facilities Authority Rev. (Highline Medical Center), 6.25%, 2036 | 700,000 | 730,954 |
| Washington Health Care Facilities Authority Rev. (Mason Medical), A, 6.25%, 2042 | 570,000 | 537,949 |
| West Virginia Hospital Finance Authority Rev. (Thomas Health System), 6.5%, 2038 | 285,000 | 268,550 |
| Wisconsin Health & Educational Facilities Authority Rev. (Aurora Health Care, Inc.), 6.4%, 2033 | 175,000 | 178,052 |
| Wisconsin Health & Educational Facilities Authority Rev. (Fort Healthcare, Inc. Project), 5.375%, 2018 | 385,000 | 391,634 |
| Wisconsin Health & Educational Facilities Authority Rev. (Wheaton Franciscan Services), 5.25%, 2034 | 695,000 | 577,469 |
| | | \$ 33,728,646 |
| Healthcare Revenue Long Term Care 8.9% | | |
| Abilene, TX, Health Facilities Development Corp., Retirement Facilities Rev. (Sears Methodist Retirement), A, 7%, 2033 | \$ 500,000 | \$ 501,670 |
| Bucks County, PA, Industrial Development Authority, Retirement Community Rev. (Ann's Choice, Inc.), A, 6.125%, 2025 | 500,000 | 495,120 |
| Capital Projects Finance Authority, FL (Glenridge on Palmer Ranch), A, 8%, 2012 (c) | 500,000 | 592,765 |
| Chartiers Valley, PA, Industrial & Commercial Development Authority Rev. (Friendship Village South), A, 5.25%, 2013 | 500,000 | 504,315 |
| Chester County, PA, Industrial Development Authority Rev. (RHA Nursing Home), 8.5%, 2032 | 720,000 | 725,299 |
| Cole County, MO, Industrial Development Authority, Senior Living Facilities Rev. (Lutheran Senior Services), 5.5%, 2035 | 500,000 | 459,015 |
| Connecticut Development Authority First Mortgage Gross Rev., Health Care Project (Elim Park Baptist, Inc. Project), 5.75%, 2023 | 250,000 | 250,648 |
| Delaware County, PA, Industrial Development Authority Rev. (Care Institute-Main Line LLC), 9%, 2031 (d) | 535,000 | 389,180 |
| Fulton County, GA, Residential Care Facilities (Canterbury Court), A, 6.125%, 2034 | 250,000 | 228,855 |
| Fulton County, GA, Residential Care Facilities, First Mortgage (Lenbrook Square Foundation, Inc.), A, 5%, 2029 | 270,000 | 217,029 |
| Illinois Finance Authority Rev. (Hoosier Care, Inc.), A, 7.125%, 2034 | 440,000 | 412,698 |
| Illinois Finance Authority Rev. (Smith Village), A, 6.25%, 2035 | 500,000 | 454,050 |
| Illinois Health Facilities Authority Rev. (Lutheran Senior Ministries, Inc.), 7.375%, 2011 (c) | 250,000 | 286,045 |
| Illinois Health Facilities Authority Rev. (Smith Crossing), A, 7%, 2032 | 250,000 | 250,288 |
| Johnson City, TN, Health & Educational Facilities Board (Appalachian Christian Village), A, 6.25%, 2032 | 250,000 | 226,415 |
| Juneau, AK, City & Borough Non-Recourse Rev. (St. Ann's Care Project), 6.875%, 2025 | 455,000 | 430,180 |
| Kentwood, MI, Economic Development Ltd. (Holland Home), A, 5.375%, 2036 | 500,000 | 435,175 |
| La Verne, CA, COP (Brethren Hillcrest Homes), B, 6.625%, 2025 | 350,000 | 355,751 |
| Lee County, FL, Industrial Development Authority Health Care Facilities Rev. (Shell Point Village), A, 5.5%, 2009 (c) | 175,000 | 183,978 |
| Massachusetts Development Finance Agency Rev. (Loomis Communities, Inc.), A, 5.625%, 2015 | 200,000 | 201,238 |
| Montgomery County, PA, Industrial Development Authority Rev. (Whitemarsh Continuing Care), 6.125%, 2028 | 200,000 | 181,954 |
| Montgomery County, PA, Industrial Development Authority Rev. (Whitemarsh Continuing Care), 6.25%, 2035 | 300,000 | 267,795 |

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MFS Investment Grade Municipal Trust

PORTFOLIO OF INVESTMENTS (Unaudited) 8/31/08 - continued

| Issuer | Shares/Par | Value (\$) |
|---|------------|---------------|
| Municipal Bonds continued | | |
| Healthcare Revenue Long Term Care continued | | |
| New Jersey Economic Development Authority Rev. (Lions Gate), A, 5.75%, 2025 | \$ 310,000 | \$ 287,082 |
| New Jersey Economic Development Authority Rev. (Lions Gate), A, 5.875%, 2037 | 100,000 | 87,980 |
| Savannah, GA, Economic Development Authority, First Mortgage (Marshes of Skidway), A, 7.4%, 2024 | 250,000 | 256,050 |
| Shelby County, TN, Health, Educational & Housing Facilities Board Rev. (Germantown Village), A, 7.25%, 2034 | 150,000 | 140,030 |
| South Carolina Jobs & Economic Development Authority, Health Facilities Rev. (Wesley Commons), 5.3%, 2036 | 250,000 | 204,880 |
| Suffolk County, NY, Industrial Development Agency, Civic Facilities Rev. (Gurwin Jewish Phase II), 6.7%, 2039 | 500,000 | 498,650 |
| Westminster, MD, Economic Development Rev. (Carroll Lutheran Village), A, 5.875%, 2021 | 500,000 | 491,860 |
| | | \$ 10,015,995 |
| Human Services 0.2% | | |
| Massachusetts Development Finance Agency Rev. (Evergreen Center, Inc.), 5%, 2024 | \$ 250,000 | \$ 219,000 |
| Industrial Revenue Airlines 0.1% | | |
| Chicago, IL, O Hare International Airport Special Facilities Rev. (American Airlines, Inc.), 5.5%, 2030 | \$ 105,000 | \$ 62,938 |
| Dallas Fort Worth, TX, International Airport Facility Improvement Corp. (American Airlines, Inc.), 5.5%, 2030 | 105,000 | 61,891 |
| | | \$ 124,829 |
| Industrial Revenue Chemicals 0.4% | | |
| Brazos River, TX, Harbor Navigation District (Dow Chemical Co.), B-2, 4.95%, 2033 | \$ 500,000 | \$ 421,465 |
| Industrial Revenue Other 3.6% | | |
| California Statewide Communities Development Authority Facilities (Microgy Holdings Project), 9%, 2038 | \$ 200,000 | \$ 199,950 |
| Gulf Coast, TX, Industrial Development Authority Rev. (CITGO Petroleum Corp.), 8%, 2028 | 250,000 | 259,280 |
| Houston, TX, Industrial Development Corp. (United Parcel Service, Inc.), 6%, 2023 | 345,000 | 318,915 |
| Indianapolis, IN, Airport Authority Rev., Special Facilities (FedEx Corp.), 5.1%, 2017 | 250,000 | 236,380 |
| Michigan Strategic Fund Ltd. Obligation Rev. (Michigan Sugar Co., Carrollton), 6.55%, 2025 | 250,000 | 244,685 |
| Missouri Development Finance Board Solid Waste Disposal Rev. (Procter & Gamble Paper Products), 5.2%, 2029 | 250,000 | 245,663 |
| New Jersey Economic Development Authority Rev. (GMT Realty LLC), B, 6.875%, 2037 | 500,000 | 486,875 |
| Toledo Lucas County, OH, Authority Port Rev., Facilities (CSX, Inc. Project), 6.45%, 2021 | 1,000,000 | 1,048,160 |
| Washington County, NE, Wastewater Facilities Rev. (Cargill, Inc. Project), 5.9%, 2027 | 1,000,000 | 1,014,530 |
| | | \$ 4,054,438 |
| Industrial Revenue Paper 1.4% | | |
| Camden, AL, Industrial Development Board Exempt Facilities Rev., B (Weyerhaeuser Co.), 6.375%, 2024 | \$ 275,000 | \$ 313,816 |
| Camden, AR, Environmental Improvement Rev. (International Paper Co.), A, 5%, 2018 | 500,000 | 447,895 |
| Escambia County, FL, Environmental Improvement Rev. (International Paper Co.), A, 5.75%, 2027 | 250,000 | 220,710 |
| Lowndes County, MS, Solid Waste Disposal & Pollution Control Rev. (Weyerhaeuser Co.), B, 6.7%, 2022 | 325,000 | 332,846 |
| Rockdale County, GA, Development Authority Project Rev. (Visy Paper Project), A, 6.125%, 2034 | 320,000 | 303,638 |
| | | \$ 1,618,905 |
| Miscellaneous Revenue Entertainment & Tourism 0.9% | | |
| Cabazon Band Mission Indians, CA, 8.375%, 2015 (z) | \$ 100,000 | \$ 103,587 |

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MFS Investment Grade Municipal Trust

PORTFOLIO OF INVESTMENTS (Unaudited) 8/31/08 - continued

| Issuer | Shares/Par | Value (\$) |
|--|------------|--------------|
| Municipal Bonds continued | | |
| Miscellaneous Revenue Entertainment & Tourism continued | | |
| Cabazon Band Mission Indians, CA, 8.75%, 2019 (z) | \$ 360,000 | \$ 374,314 |
| Cow Creek Band of Umpqua Tribe of Indians, OR, C, 5.625%, 2026 (n) | 350,000 | 311,560 |
| New York Liberty Development Corp. Rev. (National Sports Museum), A, 6.125%, 2019 | 250,000 | 221,580 |
| | | \$ 1,011,041 |
| Miscellaneous Revenue Other 2.2% | | |
| Austin, TX, Convention Center (Convention Enterprises, Inc.), A, XLCA, 5.25%, 2024 | \$ 90,000 | \$ 84,577 |
| Austin, TX, Convention Center (Convention Enterprises, Inc.), A, XLCA, 5.25%, 2019 | 190,000 | 187,901 |
| Austin, TX, Convention Center (Convention Enterprises, Inc.), A, XLCA, 5.25%, 2020 | 155,000 | 151,243 |
| District of Columbia Rev. (Smithsonian Institution), 5%, 2028 | 1,000,000 | 1,011,270 |
| Oklahoma Industries Authority Rev. (Oklahoma Medical Research Foundation Project), 5.5%, 2029 | 600,000 | 587,058 |
| Summit County, OH, Port Authority Building Rev. (Seville Project), A, 5.1%, 2025 | 455,000 | 428,228 |
| V Lakes Utility District Ranking Water Systems Rev., 7%, 2037 | 85,000 | 75,902 |
| | | \$ 2,526,179 |
| Multi-Family Housing Revenue 5.9% | | |
| Broward County, FL, Housing Finance Authority Rev. (Chaves Lakes Apartments Ltd.), A, 7.5%, 2040 | \$ 500,000 | \$ 508,190 |
| Capital Trust Agency, FL, Housing Rev. (Atlantic Housing Foundation), B, 7%, 2032 | 370,000 | 370,000 |
| Charter Mac Equity Issuer Trust, FHLMC, 6.3%, 2019 (n) | 500,000 | 543,665 |
| Charter Mac Equity Issuer Trust, B, FHLMC, 7.6%, 2050 (a)(n) | 500,000 | 538,915 |
| Clay County, FL, Housing Finance Authority Rev. (Madison Commons Apartments), A, 7.45%, 2040 | 245,000 | 247,305 |
| District of Columbia Housing Finance Agency (Henson Ridge), E, FHA, 5.1%, 2037 | 500,000 | 445,160 |
| Durham, NC, Durham Housing Authority Rev. (Magnolia Pointe Apartments), 5.65%, 2038 (a) | 398,716 | 349,554 |
| Massachusetts Housing Finance Agency Rev., B, 5%, 2030 | 455,000 | 435,094 |
| Massachusetts Housing Finance Agency Rev., E, 5%, 2028 | 250,000 | 229,915 |
| MuniMae TE Bond Subsidiary LLC, 5.5%, 2049 (a)(n) | 1,000,000 | 1,006,350 |
| New Mexico Mortgage Finance Authority, Multi-Family Housing Rev. (Sun Pointe Apartments), E, FHA, 4.8%, 2040 | 500,000 | 418,795 |
| Resolution Trust Corp., Pass-Through Certificates, 1993, 8.5%, 2016 (z) | 227,741 | 224,263 |
| Seattle, WA, Housing Authority Rev., Capped Fund Program (High Rise Rehab), I, FSA, 5%, 2025 | 500,000 | 467,650 |
| Tacoma, WA, Housing Authority Multi-Family Rev. (HSG-GNMA Collateral Mortgage Loans Redwood), 5.05%, 2037 | 1,040,000 | 917,675 |
| | | \$ 6,702,531 |
| Sales & Excise Tax Revenue 1.9% | | |
| Bolingbrook, IL, Sales Tax Rev., 6.25%, 2024 | \$ 250,000 | \$ 252,068 |
| Massachusetts Bay Transportation Authority Sales Tax Rev., A, 5%, 2031 | 750,000 | 787,718 |
| Tampa Bay, FL, Sports Authority Rev. (Sales Tax-Tampa Bay Arena), MBIA, 5.75%, 2025 | 1,000,000 | 1,095,820 |
| | | \$ 2,135,606 |
| Single Family Housing Local 0.8% | | |
| Chicago, IL, Single Family Mortgage Rev., A, GNMA, 7.15%, 2031 | \$ 15,000 | \$ 15,000 |
| Minneapolis & St. Paul Housing Authority Rev. (City Living), A-2, GNMA, 5%, 2038 | 489,299 | 407,185 |
| Pittsburgh, PA, Urban Redevelopment Authority Rev., C, GNMA, 4.8%, 2028 | 500,000 | 468,595 |
| | | \$ 890,780 |
| Single Family Housing State 2.3% | | |
| Colorado Housing & Finance Authority Rev. (Single Family Project), B-2, 7.25%, 2031 | \$ 45,000 | \$ 46,429 |
| Maine Housing Authority Mortgage, A-2, 4.95%, 2027 | 500,000 | 450,695 |
| Montana Board Housing (Single Family Mortgage), A, 5%, 2036 | 895,000 | 784,655 |
| North Dakota Housing Finance Agency Rev., A, 4.85%, 2021 | 470,000 | 438,449 |

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MFS Investment Grade Municipal Trust

PORTFOLIO OF INVESTMENTS (Unaudited) 8/31/08 - continued

| Issuer | Shares/Par | Value (\$) |
|--|--------------|---------------|
| Municipal Bonds continued | | |
| Single Family Housing State continued | | |
| Tennessee Housing Development Agency (Homeownership Program 2007), 4.65%, 2027 | \$ 1,000,000 | \$ 877,580 |
| | | \$ 2,597,808 |
| Solid Waste Revenue 2.0% | | |
| Delaware County, PA, Industrial Development Authority Rev. (American Ref-Fuel), A, 6.1%, 2013 | \$ 1,000,000 | \$ 997,010 |
| Massachusetts Industrial Finance Agency, Resource Recovery Rev. (Ogden Haverhill Associates), A, 5.45%, 2012 | 1,250,000 | 1,241,963 |
| | | \$ 2,238,973 |
| State & Agency Other 0.2% | | |
| Commonwealth of Puerto Rico (Mepsi Campus), A, 6.25%, 2024 | \$ 100,000 | \$ 97,039 |
| Commonwealth of Puerto Rico (Mepsi Campus), A, 6.5%, 2037 | 100,000 | 93,232 |
| | | \$ 190,271 |
| State & Local Agencies 15.8% | | |
| Andover, MN, Economic Development Authority Public Facilities Lease Rev. (Andover Community Center), 5%, 2014 (j) | \$ 355,000 | \$ 384,763 |
| Andover, MN, Economic Development Authority Public Facilities Lease Rev. (Andover Community Center), 5%, 2019 (c) | 245,000 | 255,229 |
| Berkeley County, SC, School District Installment Lease (Securing Assets for Education), 5%, 2028 | 500,000 | 489,985 |
| Dorchester County, SC, School District No. 2, Growth Remedy Opportunity Tax Hike, 5.25%, 2029 | 250,000 | 248,713 |
| Golden State, CA, Tobacco Securitization Corp., Tobacco Settlement Rev., Enhanced, B, 5.5%, 2013 (c) | 500,000 | 551,120 |
| Hibbing, MN, Economic Development Authority Rev. (Public Project Hibbing Lease Obligations), 6.4%, 2012 | 335,000 | 335,864 |
| Indiana Office Building Commission Correction Facilities Program Rev. (Women s Prison), B, AMBAC, 6.25%, 2016 | 2,820,000 | 3,195,314 |
| Lancaster, SC, Educational Assistance Program, Inc., School District Lancaster County Project, 5%, 2026 | 550,000 | 518,535 |
| Laurens County, SC, School District No. 55, Installment Purchase Rev., 5.25%, 2030 | 350,000 | 332,367 |
| Los Angeles County, CA, Schools Regionalized Business Service Corp., Capital Appreciation Pooled Financing, A, AMBAC, 0%, 2021 | 2,135,000 | 1,117,288 |
| Missouri Development Finance Board Infrastructure Facilities Rev. (Eastland Center Project), A, 5%, 2021 | 570,000 | 559,552 |
| New York Dormitory Authority Rev. (City University) A, 5.75%, 2018 | 5,000,000 | 5,670,400 |
| New York Urban Development Corp. Rev. (State Facilities), 5.6%, 2015 | 1,000,000 | 1,111,260 |
| Newberry, SC, Investing in Children s Education (Newberry County School District Program), 5%, 2030 | 350,000 | 322,774 |
| St. Louis, MO, Industrial Development Authority Leasehold Rev. (Convention Center Hotel), AMBAC, 0%, 2018 | 300,000 | 186,816 |
| Utah Building Ownership Authority Lease Rev. (State Facilities Master Lease Program), C, FSA, 5.5%, 2019 | 1,750,000 | 1,976,765 |
| West Virginia Building Commission Lease Rev. (WV Regional Jail), A, AMBAC, 5.375%, 2018 | 500,000 | 555,805 |
| | | \$ 17,812,550 |
| Student Loan Revenue 1.3% | | |
| Nebhelp, Inc., Nebraska Rev. Jr., A-6, MBIA, 6.45%, 2018 | \$ 1,500,000 | \$ 1,502,925 |
| Tax Other 3.6% | | |
| Dallas County, TX, Flood Control District, 7.25%, 2032 | \$ 500,000 | \$ 515,995 |
| Dona Ana County, NM, Gross Receipts Tax Rev., AMBAC, 5.5%, 2015 | 1,000,000 | 1,123,590 |
| New Jersey Economic Development Authority Rev. (Cigarette Tax), 5.75%, 2029 | 500,000 | 473,235 |
| New York, NY, Transitional Finance Authority Rev., A, 5%, 2026 | 1,960,000 | 2,004,492 |
| | | \$ 4,117,312 |

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MFS Investment Grade Municipal Trust

PORTFOLIO OF INVESTMENTS (Unaudited) 8/31/08 - continued

| Issuer | Shares/Par | Value (\$) |
|--|--------------|--------------|
| Municipal Bonds continued | | |
| Tax Assessment 6.1% | | |
| Atlanta, GA, Tax Allocation (Eastside Project), A , 5.625%, 2016 | \$ 400,000 | \$ 396,364 |
| Celebration Community Development District, FL, A , 6.4%, 2034 | 230,000 | 235,108 |
| Chicago, IL, Tax Increment Allocation (Pilsen Redevelopment), B , 6.75%, 2022 | 610,000 | 626,220 |
| Double Branch Community Development District, FL, A , 6.7%, 2034 | 315,000 | 320,884 |
| Du Page County, IL, Special Service Area (Monarch Landing Project), 5.4%, 2016 | 250,000 | 243,418 |
| Grand Bay at Doral Community Development District, FL, B , 6%, 2017 | 405,000 | 373,305 |
| Heritage Harbour North Community Development District, FL, Capital Improvement Rev., 6.375%, 2038 | 140,000 | 123,899 |
| Huntington Beach, CA, Community Facilities District, Special Tax (Grand Coast Resort), 2000-1 , 6.45%, 2031 | 300,000 | 304,716 |
| Lincoln, CA, Special Tax (Community Facilities District), 2003-1 , 5.55%, 2013 (c) | 445,000 | 505,805 |
| Lincolnshire, IL, Special Service Area No. 1 (Sedgebrook Project), 6.25%, 2034 | 225,000 | 208,334 |
| Magnolia Park Community Development District, FL, Special Assessment Rev., A , 6.15%, 2039 | 185,000 | 159,069 |
| Oakdale, CA, Public Financing Authority Tax Allocation Rev. (Central City Redevelopment Project), 5.375%, 2033 | 500,000 | 465,400 |
| Plano, IL, Special Service Area No. 4 (Lakewood Springs Project Unit 5-B), 6%, 2035 | 750,000 | 682,725 |
| Portage, IN, Economic Development Rev. (AmeriPLEX Project), 5%, 2027 | 105,000 | 94,744 |
| Riverside, MO, Tax Increment Rev. (L-385 Levee Project), 5.25%, 2020 | 500,000 | 501,915 |
| Seven Oaks, FL, Community Development District II Special Assessment Rev., A , 5.875%, 2035 | 470,000 | 393,202 |
| Seven Oaks, FL, Community Development District II Special Assessment Rev., B , 5%, 2009 | 150,000 | 148,085 |
| Tolomato Community Development District, FL, Special Assessment Rev., 6.65%, 2040 | 100,000 | 96,663 |
| Volo Village, IL, Special Service Area No. 3, Special Tax (Symphony Meadows Project), 1 , 6%, 2036 | 250,000 | 221,605 |
| West Villages Improvement District, FL, Special Assessment Rev. (Unit of Development No. 3), 5.5%, 2037 | 495,000 | 388,530 |
| Westridge, FL, Community Development District, Capital Improvement Rev., 5.8%, 2037 | 490,000 | 400,663 |
| | | \$ 6,890,654 |
| Tobacco 4.2% | | |
| Badger, WI, Tobacco Asset Securitization Corp., 6.375%, 2032 | \$ 250,000 | \$ 245,900 |
| Buckeye, OH, Tobacco Settlement Rev., Asset Backed, A-2 , 5.875%, 2030 | 480,000 | 414,754 |
| Buckeye, OH, Tobacco Settlement Rev., Asset Backed, A-2 , 5.875%, 2047 | 1,405,000 | 1,137,980 |
| Buckeye, OH, Tobacco Settlement Rev., Asset Backed, A-2 , 6.5%, 2047 | 635,000 | 560,686 |
| Golden State, CA, Tobacco Securitization Corp., Tobacco Settlement Rev., A-1 , 6.25%, 2013 (c) | 700,000 | 765,093 |
| Inland Empire, CA, Tobacco Securitization Corp., Tobacco Settlement Rev., Asset Backed, C-1 , 0%, 2036 | 250,000 | 27,995 |
| Michigan Tobacco Settlement Finance Authority Rev., Asset Backed, A , 6%, 2048 | 1,380,000 | 1,145,883 |
| South Carolina Tobacco Settlement Authority Rev., B , 6.375%, 2011 (c) | 400,000 | 440,040 |
| Virginia Tobacco Settlement Financing Corp., B-1 , 5%, 2047 | 105,000 | 74,405 |
| | | \$ 4,812,736 |
| Toll Roads 1.8% | | |
| Northwest Parkway, CO, Public Highway Authority (First Tier), D , 7.125%, 2011 (c) | \$ 495,000 | \$ 561,879 |
| San Joaquin Hills, CA, Transportation Corridor Agency Toll Road Rev., A , MBIA, 0%, 2015 | 2,000,000 | 1,518,980 |
| | | \$ 2,080,859 |
| Transportation Special Tax 1.1% | | |
| Regional Transportation Authority, IL, C , FGIC, 7.75%, 2020 | \$ 1,000,000 | \$ 1,266,500 |
| Universities Colleges 22.1% | | |
| Broward County, FL, Educational Facilities Authority (Nova Southeastern), B , 5.5%, 2024 | \$ 155,000 | \$ 153,080 |

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MFS Investment Grade Municipal Trust

PORTFOLIO OF INVESTMENTS (Unaudited) 8/31/08 - continued

| Issuer | Shares/Par | Value (\$) |
|--|------------|---------------|
| Municipal Bonds continued | | |
| Universities Colleges continued | | |
| California Educational Facilities Authority Rev. (California Lutheran University), 5.75%, 2038 | \$ 350,000 | \$ 341,670 |
| California Municipal Finance Authority Rev. (Biola University), 5.8%, 2028 | 100,000 | 99,877 |
| California State University Rev., A, AMBAC, 5%, 2026 | 960,000 | 976,790 |
| Chicago, IL, State University Rev. Auxiliary Facilities Systems, MBIA, 5.5%, 2023 | 1,085,000 | 1,206,596 |
| Harris County, TX, Cultural Education Facilities Rev. (Baylor College of Medicine), D, 5.625%, 2032 | 280,000 | 274,000 |
| Lubbock, TX, Educational Facilities Authority Rev. (Lubbock Christian University), 5.125%, 2027 | 285,000 | 260,234 |
| Lubbock, TX, Educational Facilities Authority Rev. (Lubbock Christian University), 5.25%, 2037 | 255,000 | 222,725 |
| Marietta, GA, Development Facilities Authority Rev. (Life University), 7%, 2030 | 100,000 | 99,213 |
| Marietta, GA, Development Facilities Authority Rev. (Life University), 7%, 2039 | 100,000 | 97,643 |
| Massachusetts Development Finance Agency Rev. (Western New England College), 6.125%, 2012 (c) | 315,000 | 360,489 |
| Metropolitan Government of Nashville & Davidson County, TN, Health & Educational Facilities Board Rev. (Meharry Medical College), AMBAC, 6%, 2016 | 1,575,000 | 1,806,620 |
| Miami-Dade County, FL, Educational Facilities Authority Rev. (University of Miami), A, 5.75%, 2028 | 125,000 | 129,650 |
| Michigan Higher Education Facilities Authority Rev. (College for Creative Studies), 6.125%, 2037 | 475,000 | 460,204 |
| Missouri Health & Educational Facilities Authority Rev. (Central Institute for the Deaf), RADIAN, 5.85%, 2010 (c) | 600,000 | 630,120 |
| New York Dormitory Authority Rev. (Columbia University), 5%, 2038 (u) | 15,000,000 | 15,290,700 |
| University of Minnesota, A, ETM, 5.75%, 2014 (c) | 500,000 | 572,960 |
| University of Minnesota, A, ETM, 5.5%, 2021 (c) | 2,000,000 | 2,271,140 |
| | | \$ 25,253,711 |
| Universities Dormitories 1.2% | | |
| California Statewide Communities Development Authority Rev. (Lancer Educational Student Housing Project), 5.625%, 2033 | \$ 500,000 | \$ 445,340 |
| California Statewide Communities Development Authority Student Housing (University of California - Irvine), 6%, 2040 | 220,000 | 219,976 |
| Maryland Economic Development Corp. Student Housing (University of Maryland - College Park), 5.875%, 2043 | 130,000 | 127,253 |
| Middlesex County, NJ, Improvement Authority (Street Student Housing Project), A, 5%, 2018 | 300,000 | 301,524 |
| Minneapolis, MN, Student Housing Rev. (Riverton Community Housing Project), A, 5.7%, 2040 | 250,000 | 220,785 |
| | | \$ 1,314,878 |
| Universities Secondary Schools 0.2% | | |
| Colorado Educational & Cultural Facilities Authority Rev. (Charter School), 5.625%, 2040 | \$ 230,000 | \$ 223,528 |
| Utilities Cogeneration 1.1% | | |
| Pennsylvania Economic Development Financing Authority Rev., Resource Recovery Rev. (Colver), G, 5.125%, 2015 | \$ 425,000 | \$ 409,407 |
| Puerto Rico Industrial, Tourist, Educational, Medical & Environmental Central Facilities (Cogeneration Facilities - AES Puerto Rico Project), 6.625%, 2026 | 320,000 | 331,421 |
| Suffolk County, NY, Industrial Development Agency Rev. (Nissequoque Cogeneration Partners Facilities), 5.5%, 2023 | 550,000 | 503,008 |
| | | \$ 1,243,836 |
| Utilities Investor Owned 8.9% | | |
| Brazos River Authority, TX, Pollution Control Rev. (Texas Utility Co.), A, 7.7%, 2033 | \$ 250,000 | \$ 231,413 |
| Brazos River Authority, TX, Pollution Control Rev. (TXU Electric Co. LLC), C, 5.75%, 2036 (a) | 100,000 | 93,159 |
| Brazos River Authority, TX, Pollution Control Rev. (TXU Electric Co. LLC), C, 6.75%, 2038 | 270,000 | 220,163 |
| Clark County, NV, Industrial Development Rev. (Nevada Power Co. Project), A, 5.9%, 2032 | 250,000 | 217,100 |

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MFS Investment Grade Municipal Trust

PORTFOLIO OF INVESTMENTS (Unaudited) 8/31/08 - continued

| Issuer | Shares/Par | Value (\$) |
|--|--------------|-----------------------|
| Municipal Bonds continued | | |
| Utilities - Investor Owned continued | | |
| Clark County, NV, Industrial Development Rev. (Nevada Power Co. Project), B, 5.9%, 2030 | \$ 250,000 | \$ 219,808 |
| Clark County, NV, Industrial Development Rev. (Southwest Gas Corp. Project), E, 5.8%, 2038 (a) | 250,000 | 247,765 |
| Matagorda County, TX, Navigation District 1 (Houston Lighting.), AMBAC, 5.125%, 2028 | 2,000,000 | 1,808,540 |
| Michigan Strategic Fund, Ltd. Obligation Rev. (Detroit Edison), A, MBIA, 5.55%, 2029 | 3,000,000 | 2,796,240 |
| Mississippi Business Finance Corp., Pollution Control Rev. (Systems Energy Resources Project), 5.875%, 2022 | 1,000,000 | 981,180 |
| New Hampshire Business Finance Authority, Pollution Control Rev. (Public Service of New Hampshire), B, MBIA, 4.75%, 2021 | 250,000 | 244,175 |
| Pennsylvania Economic Development Financing Authority Rev. (Reliant Energy Seward), A, 6.75%, 2036 | 200,000 | 201,672 |
| Petersburg, IN, Pollution Control Rev. (Indianapolis Power & Light), MBIA, 5.4%, 2017 | 2,500,000 | 2,783,825 |
| | | \$ 10,045,040 |
| Utilities - Municipal Owned 0.9% | | |
| North Carolina Eastern Municipal Power Agency System Rev., F, 5.5%, 2016 | \$ 285,000 | \$ 296,637 |
| North Carolina Municipal Power Agency No. 1, Catawba Electric Rev., A, MBIA, 5.5%, 2015 | 640,000 | 698,746 |
| | | \$ 995,383 |
| Utilities - Other 2.3% | | |
| Main Street Natural Gas, Inc., GA, Gas Project Rev., A, 5.5%, 2026 | \$ 120,000 | \$ 105,166 |
| Main Street Natural Gas, Inc., GA, Gas Project Rev., A, 5.5%, 2028 | 250,000 | 215,423 |
| Public Authority for Colorado Energy Natural Gas Purchase Rev., 6.5%, 2038 | 215,000 | 208,621 |
| Salt Verde Financial Corp., AZ, Senior Gas Rev., 5%, 2032 | 795,000 | 675,861 |
| Salt Verde Financial Corp., AZ, Senior Gas Rev., 5%, 2037 | 790,000 | 660,369 |
| Tennessee Energy Acquisition Corp., Gas Rev., A, 5.25%, 2026 | 610,000 | 558,949 |
| Tennessee Energy Acquisition Corp., Gas Rev., C, 5%, 2025 | 185,000 | 166,193 |
| | | \$ 2,590,582 |
| Water & Sewer Utility Revenue 4.7% | | |
| Hampton Roads, VA, Sanitation District Wastewater Rev., 5%, 2033 | \$ 680,000 | \$ 690,316 |
| Massachusetts Water Pollution Abatement Trust, 6, 5.625%, 2010 (c) | 1,205,000 | 1,297,255 |
| Massachusetts Water Resources Authority (Charlestown Navy Yard), B, FSA, 5.25%, 2029 | 600,000 | 656,250 |
| Puerto Rico Aqueduct & Sewer Authority Rev., MBIA, 6.25%, 2012 | 1,000,000 | 1,135,160 |
| Puerto Rico Aqueduct & Sewer Authority Rev., MBIA, 6.25%, 2013 | 750,000 | 869,288 |
| Puerto Rico Aqueduct & Sewer Authority Rev., A, 6%, 2038 | 505,000 | 526,649 |
| Puerto Rico Aqueduct & Sewer Authority Rev., A, 6%, 2044 | 195,000 | 202,307 |
| | | \$ 5,377,225 |
| Total Municipal Bonds | | \$ 168,902,353 |
| Floating Rate Demand Notes 2.4% | | |
| East Baton Rouge, LA, Pollution Control Rev. (Exxon Mobil Corp.), 2%, due 9/02/08 | \$ 2,600,000 | \$ 2,600,000 |
| Lincoln County, WY, Pollution Control Rev. (Exxon Mobil Corp.), B, 2.2%, due 9/02/08 | 100,000 | 100,000 |
| Total Floating Rate Demand Notes | | \$ 2,700,000 |
| Total Investments | | \$ 171,602,353 |
| Other Assets, Less Liabilities (8.7%) | | (9,818,693) |
| Preferred shares (issued by the fund) (43.1%) | | (48,750,000) |
| Net assets applicable to common shares 100.0% | | \$ 113,033,660 |

(a) Mandatory tender date is earlier than stated maturity date.

(c) Refunded bond.

MFS Investment Grade Municipal Trust

PORTFOLIO OF INVESTMENTS (Unaudited) 8/31/08 - continued

- (d) Non-income producing security-in default.
- (f) All or a portion of the security has been segregated as collateral for open futures contracts.
- (j) Crossover refunded bond.
- (n) Securities exempt from registration under Rule 144A of the Securities Act of 1933. These securities may be sold in the ordinary course of business in transactions exempt from registration, normally to qualified institutional buyers. At period end, the aggregate value of these securities was \$2,400,490, representing 2.1% of net assets applicable to common shares.
- (u) Underlying security deposited into special purpose trust (the trust) by investment banker upon creation of self-deposited inverse floaters.
- (z) Restricted securities are not registered under the Securities Act of 1933 and are subject to legal restrictions on resale. These securities generally may be resold in transactions exempt from registration or to the public if the securities are subsequently registered. Disposal of these securities may involve time-consuming negotiations and prompt sale at an acceptable price may be difficult. The fund holds the following restricted securities:

| Restricted Securities | Acquisition Date | Cost | Current Market Value |
|--|-----------------------------|-------------|---------------------------------|
| Cabazon Band Mission Indians, CA, 8.375%, 2015 | 10/04/04 | \$ 100,000 | \$ 103,587 |
| Cabazon Band Mission Indians, CA, 8.75%, 2019 | 10/04/04 | 360,000 | 374,314 |
| Resolution Trust Corp., Pass-Through Certificates, 1993 , 8.5%, 2016 | 8/27/93 | 232,276 | 224,263 |
| Total Restricted Securities | | | \$ 702,164 |
| % of Net Assets | | | 0.6% |

The following abbreviations are used in this report and are defined:

COP Certificate of Participation
 ETM Escrowed to Maturity

Insurers
 AMBAC AMBAC Indemnity Corp.
 ASSD GTY Assured Guaranty Insurance Co.
 BHAC Berkshire Hathaway Assurance Corp.
 CHCLI California Health Construction Loan Insurance
 FGIC Financial Guaranty Insurance Co.
 FHA Federal Housing Administration
 FHLMC Federal Home Loan Mortgage Corp.
 FSA Financial Security Assurance Inc.
 GNMA Government National Mortgage Assn.
 MBIA MBIA Insurance Corp.
 RADIAN Radian Asset Assurance, Inc.
 XLCA XL Capital Insurance Co.

See attached supplemental information. For more information see notes to financial statements as disclosed in the most recent semiannual or annual report.

MFS Investment Grade Municipal Trust**Supplemental Information (Unaudited) 8/31/08****(1) Fair Value Disclosure**

The fund adopted FASB Statement No. 157, Fair Value Measurements (the Statement) in this reporting period. This Statement provides a single definition of fair value, a hierarchy for measuring fair value and expanded disclosures about fair value measurements.

Various inputs are used in determining the value of the fund's assets or liabilities carried at market value. These inputs are categorized into three broad levels. Level 1 includes quoted prices in active markets for identical assets or liabilities. Level 2 includes other significant observable market-based inputs (including quoted prices for similar securities, interest rates, prepayment speed, and credit risk). Level 3 includes unobservable inputs, which may include the adviser's own assumptions in determining the fair value of investments. Other financial instruments are derivative instruments not reflected in total investments, such as futures, forwards, swap contracts and written options, which are valued at the unrealized appreciation/depreciation on the instrument. The following is a summary of the levels used as of August 31, 2008 in valuing the fund's assets or liabilities carried at market value:

| | Level 1 | Level 2 | Level 3 | Total |
|-----------------------------|------------|----------------|---------|----------------|
| Investments in Securities | \$ | \$ 171,602,353 | \$ | \$ 171,602,353 |
| Other Financial Instruments | \$ (4,951) | \$ | \$ | \$ (4,951) |

(2) Portfolio Securities

The cost and unrealized appreciation and depreciation in the value of the investments owned by the fund, as computed on a federal income tax basis, are as follows:

| | |
|--|----------------|
| Aggregate Cost | \$ 159,038,755 |
| Gross unrealized appreciation | \$ 6,411,153 |
| Gross unrealized depreciation | (5,097,555) |
| Net unrealized appreciation (depreciation) | \$ 1,313,598 |

The aggregate cost above includes prior fiscal year end tax adjustments.

(3) Derivative Contracts at 8/31/08**Futures contracts outstanding at 8/31/08**

| Description | Contracts | Value | Expiration Date | Unrealized Appreciation (Depreciation) |
|----------------------------------|-----------|--------------|-----------------|--|
| U.S. Treasury Bond (Short) | 85 | \$ 9,971,563 | Dec-08 | \$ 9,663 |
| U.S. Treasury Note 10 yr (Short) | 198 | 22,869,000 | Dec-08 | (14,614) |
| | | | | \$ (4,951) |

At August 31, 2008, the fund had sufficient cash and/or other liquid securities to cover any commitments under these derivative contracts.

ITEM 2. CONTROLS AND PROCEDURES.

- (a) Based upon their evaluation of the effectiveness of the registrant's disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940 (the "Act")) as conducted within 90 days of the filing date of this Form N-Q, the registrant's principal financial officer and principal executive officer have concluded that those disclosure controls and procedures provide reasonable assurance that the material information required to be disclosed by the registrant on this report is recorded, processed, summarized and reported within the time periods specified in the Securities and Exchange Commission's rules and forms.

- (b) There were no changes in the registrant's internal controls over financial reporting (as defined in Rule 30a-3(d) under the 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.

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 Act (17 CFR 270.30a-2): Attached hereto.

Notice

A copy of the Agreement and Declaration of Trust, as amended, of the Registrant is on file with the Secretary of State of The Commonwealth of Massachusetts and notice is hereby given that this instrument is executed on behalf of the Registrant by an officer of the Registrant as an officer and not individually and the obligations of or arising out of this instrument are not binding upon any of the Trustees or shareholders individually, but are binding only upon the assets and property of the respective constituent series of the Registrant.

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: MFS INVESTMENT GRADE MUNICIPAL TRUST

By (Signature and Title)* ROBERT J. MANNING
Robert J. Manning, President

Date: October 15, 2008

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)* ROBERT J. MANNING
Robert J. Manning, President
(Principal Executive Officer)

Date: October 15, 2008

By (Signature and Title)* MARIA F. DWYER
Maria F. Dwyer, Treasurer
(Principal Financial Officer
and Accounting Officer)

Date: October 15, 2008

* Print name and title of each signing officer under his or her signature.