

MORGAN STANLEY QUALITY MUNICIPAL SECURITIES
Form N-Q
September 28, 2009

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
FORM N-Q
QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED
MANAGEMENT INVESTMENT COMPANY
Investment Company Act file number: 811-07560
Morgan Stanley Quality Municipal Securities
(Exact name of registrant as specified in charter)**

522 Fifth Avenue, New York, New York
(Address of principal executive offices)

10036
(Zip code)

Randy Takian

522 Fifth Avenue, New York, New York 10036
(Name and address of agent for service)

Registrant's telephone number, including area code: 212-296-6963

Date of fiscal year end: October 31, 2009

Date of reporting period: July 31, 2009

Item 1. Schedule of Investments.

The Trust's schedule of investments as of the close of the reporting period prepared pursuant to Rule 12-12 of Regulation S-X is as follows:

Morgan Stanley Quality Municipal Securities

Portfolio of Investments July 31, 2009 (unaudited)

| PRINCIPAL AMOUNT IN THOUSANDS | | COUPON RATE | MATURITY DATE | VALUE |
|--|--|----------------|------------------|--------------|
| Tax-Exempt Municipal Bonds (157.4%) | | | | |
| Alabama (0.7%) | | | | |
| \$ 2,000 | Jefferson County, School Ser 2004 A | 5.50% | 01/01/22 | \$ 1,184,220 |
| Alaska (0.9%) | | | | |
| 3,000 | Northern Tobacco Securitization Corporation, Asset Backed Ser 2006 A | 5.00 | 06/01/46 | 1,641,210 |
| Arizona (3.5%) | | | | |
| 1,010 | Arizona, Ser 2008 A (FSA Insd) | 5.00 | 09/01/24 | 1,028,301 |
| 425 | Maricopa County, Pollution Control Corp., 2009 Ser A | 6.00 | 05/01/29 | 432,438 |
| 3,890 | Salt River Project Agricultural Improvement & Power District, 2002 Ser B (a) | 5.00 | 01/01/22 | 3,989,154 |
| 1,000 | Surprise Municipal Property Corporation, Ser 2007 | 4.90 | 04/01/32 | 761,120 |
| | | | | 6,211,013 |
| California (26.4%) | | | | |
| 1,010 | Alhambra Unified School District 2009 Ser B (g) | 0.00 | 08/01/35 | 181,588 |
| 1,635 | Alhambra Unified School District 2009 Ser B (g) | 0.00 | 08/01/36 | 276,626 |
| 765 | Alvord Unified School District, Ser 2007 A (FSA Insd) | 5.00 | 08/01/24 | 774,287 |
| 710 | Beverly Hills, Unified School District Ser 2009 (g) | 0.00 | 08/01/26 | 298,626 |
| 1,370 | Beverly Hills, Unified School District Ser 2009 (g) | 0.00 | 08/01/31 | 413,480 |
| 900 | California Department of Water Reserve and Power Supply, Ser 2008 H (FSA Insd) | 5.00 | 05/01/22 | 945,477 |
| 3,000 | California Health Facilities Financing Authority, Cedars-Sinai Medical Center Ser 2005 | 5.00 | 11/15/34 | 2,618,880 |
| 5,000 | California Public Works Board, Mental Health 2004 Ser A | 5.00 | 06/01/24 | 4,564,350 |

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| | | | | |
|--------|--|-------|----------|-----------|
| 3,000 | California, Various Purpose dtd 05/01/03 | 5.00 | 02/01/32 | 2,811,390 |
| 2,000 | California, Various Purpose dtd 12/01/05 | 5.00 | 03/01/27 | 1,974,580 |
| 355 | Clovis Unified School District Election of 2004 Ser A (FGIC Insd) (g) | 0.00 | 08/01/29 | 97,479 |
| 2,690 | Dry Creek Joint Elementary School District Election 2008 E Ser 2009 (g) | 0.00 | 08/01/43 | 264,642 |
| 4,825 | Dry Creek Joint Elementary School District Election 2008 E Ser 2009 (g) | 0.00 | 08/01/44 | 442,646 |
| 1,980 | EL Segundo California School District Election of 2008 Ser A (g) | 0.00 | 08/01/32 | 436,828 |
| 4,000 | Golden State Tobacco Securitization Corporation, Asset Backed Ser 2007 A | 5.125 | 06/01/47 | 2,162,960 |
| 1,400 | Golden State Tobacco Securitization Corporation, Asset Backed Ser 2007 A | 5.75 | 06/01/47 | 840,210 |
| 2,000 | Golden State Tobacco Securitization Corporation, Asset Backed Ser 2005 A (AMBAC Insd) | 5.00 | 06/01/29 | 1,703,700 |
| 310 | Indio Redevelopment Agency, Ser A | 5.00 | 08/15/23 | 281,514 |
| 310 | Indio Redevelopment Agency, Ser A | 5.00 | 08/15/24 | 279,846 |
| 4,000 | Los Angeles, Community College District, 2003 Ser B (FSA Insd) | 5.00 | 08/01/27 | 4,002,880 |
| 5,000 | Los Angeles Department of Water & Power, Water 2004 Ser C (NATL-RE Insd) (a) | 5.00 | 07/01/23 | 5,125,018 |
| 1,010 | Menifee Union School District, Election of 2008 Ser 2008 C (AGC Insd) (g) | 0.00 | 08/01/34 | 192,476 |
| 3,040 | Milpitas Redevelopment Agency, Area #1 Ser 2003 (NATL-RE Insd) | 5.00 | 09/01/22 | 2,798,806 |
| 1,120 | Moreland School District, Santa Clara County 2006 Ser C (AMBAC Insd) (g) | 0.00 | 08/01/29 | 293,698 |
| 815 | Oak Grove School District, Santa Clara County Election 2008 Ser A (g) | 0.00 | 08/01/28 | 241,729 |
| 4,025 | Paterson Joint Unified School District, Election of 2008 Ser 2009 B (FSA Insd) (g) | 0.00 | 08/01/36 | 691,736 |
| 1,590 | Paterson Joint Unified School District, Election of 2008 Ser 2009 B (FSA Insd) (g) | 0.00 | 08/01/37 | 251,872 |
| 2,040 | Poway Unified School District, School Facilities Improvement District No. 2007-1 Election 2008 Ser A (g) | 0.00 | 08/01/27 | 654,106 |
| 2,545 | Poway Unified School District, School Facilities Improvement District No. 2007-1 Election 2008 Ser A (g) | 0.00 | 08/01/31 | 604,743 |
| 20,480 | San Bernardino Community College District Election 2002 Ser B (g) | 0.00 | 08/01/48 | 1,434,829 |
| 1,000 | San Diego County, Burnham Institute for Medical Research Ser 2006 (COPs) | 5.00 | 09/01/34 | 737,030 |
| 4,240 | San Diego County Water Authority, Ser 2004 (COPs) (FSA Insd) (a) | 5.00 | 05/01/29 | 4,248,077 |
| 540 | San Francisco City & County, Laguna Honda Hospital (FSA Insd) (a) | 5.00 | 06/15/28 | 543,356 |
| 465 | San Rafael City Elementary School District, Marin County Election 2002 Ser B (g) | 0.00 | 08/01/25 | 185,121 |

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| | | | | |
|-------|--|------|----------|-----------|
| 2,000 | Tobacco Securitization Authority of Northern California, Sacramento County Tobacco Securitization Corporation Ser 2006 A-1 | 5.00 | 06/01/37 | 1,207,820 |
| 850 | Twin Rivers Unified School District, Ser 2009 (BANs) (g) | 0.00 | 04/01/14 | 674,424 |
| 1,170 | William S. Hart Union High School District, Los Angeles County Election 2008 Ser A (g) | 0.00 | 08/01/32 | 258,125 |

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| PRINCIPAL AMOUNT IN THOUSANDS | | COUPON RATE | MATURITY DATE | VALUE |
|--|--|----------------|------------------|------------|
| 5,725 | William S. Hart Union High School District, Los Angeles County Election 2008 Ser A (g) | 0.00 | 08/01/33 | 1,179,980 |
| | | | | 46,694,935 |
| | Colorado (2.3%) | | | |
| 2,590 | Arkansas River Power Authority, Power Ser 2006 (XLCA Insd) | 5.25 | 10/01/40 | 2,033,176 |
| 2,000 | Colorado Health Facilities Authority, Adventist/Sunbelt Ser 2006 D | 5.25 | 11/15/35 | 1,865,080 |
| 165 | Public Authority for Colorado Energy, Natural Gas Purchase Revenue Ser 2008 | 6.25 | 11/15/28 | 159,603 |
| | | | | 4,057,859 |
| | Connecticut (0.4%) | | | |
| 1,500 | Mashantucket (Western) Pequot Tribe, 2006 Ser A | 5.50 | 09/01/36 | 727,455 |
| | District of Columbia (2.9%) | | | |
| 2,000 | District of Columbia Ballpark, Ser 2006 B-1 (FGIC Insd) | 5.00 | 02/01/31 | 1,635,180 |
| 1,540 | District of Columbia Income Tax Ser 2009 A (a) | 5.25 | 12/01/27 | 1,658,835 |
| 855 | District of Columbia Water & Sewer Authority, Ser 2008 A (AGC Insd) | 5.00 | 10/01/25 | 904,017 |
| 1,000 | Metropolitan Washington Airport Authority, Airport System Ser 2009 B (BHAC Insd) | 5.00 | 10/01/29 | 1,024,780 |
| | | | | 5,222,812 |
| | Florida (10.3%) | | | |
| 25 | Highlands County Health Facilities Authority, Adventist Health/ Sunbelt Ser 2006 C | 5.25 | 11/15/16(c) | 29,563 |
| 975 | Highlands County Health Facilities Authority, Adventist Health/ Sunbelt Ser 2006 C | 5.25 | 11/15/36 | 917,114 |
| 1,000 | Lee County Industrial Development Authority, Shell Point Village/ The Alliance Community for Retirement Living Inc, Ser 2006 | 5.125 | 11/15/36 | 622,430 |
| 1,350 | Miami-Dade County, Educational Facilities Authority, University of Miami Ser 2008 A (BHAC Insd) | 5.50 | 04/01/38 | 1,382,387 |
| 5,000 | | 6.00 | 10/01/24 | 5,043,850 |

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| | | | | |
|-------|---|---------|----------|------------|
| | Miami-Dade County, Miami Int 1 Airport Ser 2000 A (AMT) (FGIC Insd) | | | |
| 800 | Miami-Dade County, Miami International Airport Ser 2009 A | 5.00 | 10/01/25 | 805,016 |
| 1,995 | Miami-Dade County, Ser 2005 A (NATL-RE Insd) | 0.00(d) | 10/01/30 | 1,279,334 |
| 750 | Palm Beach County, Solid Waste Authority Ser 2009 (BHAC Insd) | 5.50 | 10/01/23 | 828,000 |
| 4,000 | South Miami Health Facilities Authority, Baptist Health South Florida Ser 2007 (a) | 5.00 | 08/15/42 | 3,386,608 |
| 1,000 | St Johns County Industrial Development Authority, Glenmoor Ser 2006 A | 5.25 | 01/01/26 | 716,110 |
| 3,250 | St Johns, Industrial Development Authority, Glenmoor Refg 2006 Ser A | 5.375 | 01/01/40 | 2,085,720 |
| 1,000 | Tampa Bay Water Authority, Ser 2001 A (FGIC Insd) | 6.00 | 10/01/29 | 1,156,700 |
| | | | | 18,252,832 |
| | Georgia (6.5%) | | | |
| 5,000 | Atlanta, Airport Ser 2004 J (FSA Insd) | 5.00 | 01/01/34 | 5,007,775 |
| 1,200 | De Kalb County, Water & Sewer Ser 2003 A | 5.00 | 10/01/23 | 1,262,364 |
| 2,000 | Georgia Road & Tollway Authority, Ser 2004 | 5.00 | 10/01/22 | 2,122,060 |
| 3,000 | Georgia Road & Tollway Authority, Ser 2004 | 5.00 | 10/01/23 | 3,171,360 |
| | | | | 11,563,559 |
| | Hawaii (9.3%) | | | |
| 5,000 | Hawaii Department of Budget & Finance, Hawaiian Electric Co Inc Ser 1993 (AMT) (NATL-RE Insd) | 5.45 | 11/01/23 | 4,854,950 |
| 3,000 | Hawaii, Airports Refg Ser 2000 B (AMT) (FGIC Insd) | 6.625 | 07/01/18 | 3,060,720 |
| 8,000 | Honolulu City & County, Ser 2003A (NATL-RE Insd) (a) | 5.25 | 03/01/24 | 8,492,320 |
| | | | | 16,407,990 |
| | Illinois (11.7%) | | | |
| 3,600 | Chicago Park District, Harbor Ser A (AMBAC Insd) | 5.00 | 01/01/27 | 3,676,860 |
| 3,000 | Chicago,O Hare Int 1 Airport 3rd Lien Ser 2005 A (NATL-RE Insd) | 5.25 | 01/01/26 | 3,040,590 |
| 3,000 | Chicago,O Hare Int 1 Airport Passenger Fee Ser 2001 A (AMT) (AMBAC Insd) | 5.375 | 01/01/32 | 2,672,310 |
| 1,070 | Chicago, Transit Authority Ser 2008 (AGC Insd) | 5.25 | 06/01/23 | 1,146,259 |
| 725 | De Kalb County, Community Unit School District No. 428 (FSA Insd) | 5.00 | 01/01/23 | 773,684 |
| 415 | Illinois Finance Authority, Rush University Medical Center Obligated Group Ser 2009 A | 7.25 | 11/01/38 | 437,505 |

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|-------|--|---------|----------|------------|
| 965 | Illinois Finance Authority, Northwestern Memorial Hospital Ser 2009 B | 5.375 | 08/15/24 | 994,809 |
| 2,780 | Kendall Kane & Will County, Community Unit School District No. 308 (FSA Insd) (g) | 0.00 | 02/01/20 | 1,662,468 |
| 8,480 | Metropolitan Pier & Exposition Authority, McCormick Place Ser 2002 A (NATL-RE Insd) | 0.00(e) | 06/15/26 | 6,210,073 |
| | | | | 20,614,558 |
| | Indiana (1.8%) | | | |
| 3,000 | Indiana Health & Educational Facility Financing Authority, Clarian Health Ser 2006 A | 5.25 | 02/15/40 | 2,622,510 |
| 530 | Rockport Indiana Michigan Power Company Project, Refg Ser 2009 B | 6.25 | 06/01/25 | 555,323 |
| | | | | 3,177,833 |
| | Iowa (1.4%) | | | |
| 1,355 | Iowa State LJOBS Program Ser 2009 A | 5.00 | 06/01/25 | 1,456,304 |
| 1,015 | Iowa State LJOBS Program Ser 2009 A | 5.00 | 06/01/26 | 1,082,057 |
| | | | | 2,538,361 |

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| PRINCIPAL AMOUNT IN THOUSANDS | | COUPON RATE | MATURITY DATE | VALUE |
|--|--|----------------|------------------|-----------|
| | Kansas (0.3%) | | | |
| 470 | Kansas Development Finance Authority, Adventist Health System Sunbelt Obligated Group Ser 2009 C | 5.50 | 11/15/29 | 474,000 |
| | Maine (0.0%) | | | |
| 60 | Maine Health & Higher Educational Facilities Authority, Ser 1993 D (FSA Insd) | 5.50 | 07/01/18 | 60,097 |
| | Maryland (2.8%) | | | |
| 705 | Baltimore County, Oak Crest Village Ser 2007 A | 5.00 | 01/01/37 | 607,322 |
| 1,440 | Maryland Health & Higher Educational Facilities Authority, King Farm Presbyterian Community 2006 Ser B | 5.00 | 01/01/17 | 1,207,786 |
| 3,000 | Northeast Maryland Waste Disposal Authority, Montgomery County Ser 2003 (AMT) (AMBAC Insd) | 5.50 | 04/01/16 | 3,137,310 |
| | | | | 4,952,418 |
| | Massachusetts (2.9%) | | | |
| 4,850 | Massachusetts Health and Educational Facilities Authority, Harvard University Ser 2009 A (a) | 5.50 | 11/15/36 | 5,225,665 |
| | Michigan (1.0%) | | | |
| 900 | Detroit Water Supply System, Refg Ser 2006 C (FSA Insd) | 5.00 | 07/01/26 | 877,896 |
| 1,100 | Michigan Hospital Finance Authority, Henry Ford Health Refg Ser 2006 A | 5.25 | 11/15/46 | 850,316 |
| | | | | 1,728,212 |
| | Missouri (2.5%) | | | |
| 4,000 | Missouri Health & Educational Facilities Authority, Barnes-Jewish / Christian Health Ser 1993 A | 5.25 | 05/15/14 | 4,353,040 |
| | Nebraska (2.4%) | | | |
| 4,240 | | 5.00 | 01/01/35 | 4,185,728 |

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Nebraska Public Power District, 2003 Ser A
(AMBAC Insd)

Nevada (1.9%)

| | | | | |
|-------|---|------|----------|-----------|
| 3,000 | Clark County, Airport SubLien Ser 2004 (AMT) (FGIC Insd) | 5.50 | 07/01/20 | 2,985,270 |
| 410 | Las Vegas Redevelopment Agency, Tax Increment Ser 2009 A | 6.25 | 06/15/16 | 434,096 |
| | | | | 3,419,366 |

New Hampshire (0.8%)

| | | | | |
|-------|--|------|----------|-----------|
| 1,500 | Manchester, Water Works Ser 2003 (FGIC Insd) | 5.00 | 12/01/34 | 1,506,855 |
|-------|--|------|----------|-----------|

New Jersey (2.8%)

| | | | | |
|-------|---|-------|----------|-----------|
| 1,500 | New Jersey Economic Development Authority, Seabrook Village Inc Ser 2006 | 5.25 | 11/15/36 | 1,054,230 |
| 4,300 | New Jersey Transportation Trust Fund Authority, Transportation System 2006 Ser C (AGC Insd) (g) | 0.00 | 12/15/26 | 1,618,047 |
| 3,000 | Tobacco Settlement Financing Corporation, Ser 2007-1A | 4.625 | 06/01/26 | 2,078,430 |
| 3,000 | Tobacco Settlement Financing Corporation, Ser 2007-1B (g) | 0.00 | 06/01/41 | 131,880 |
| | | | | 4,882,587 |

New Mexico (0.6%)

| | | | | |
|-----|-------------------------------------|------|----------|---------|
| 940 | New Mexico Finance Authority, Ser A | 5.00 | 06/01/27 | 982,253 |
|-----|-------------------------------------|------|----------|---------|

New York (13.7%)

| | | | | |
|--------|--|------|----------|-----------|
| 5,000 | Metropolitan Transportation Authority, Transportation Ser 2003 B (NATL-RE Insd) | 5.25 | 11/15/22 | 5,079,300 |
| 980 | New York City, 2009 Subser A-1 (a) | 5.25 | 08/15/27 | 1,020,509 |
| 980 | New York City, 2009 Subser A-1 (a) | 5.25 | 08/15/28 | 1,020,509 |
| 13,505 | New York City Transitional Finance Authority, 2010 Subser A-1 (a) | 5.00 | 05/01/28 | 1,348,558 |
| 1,045 | New York City Transitional Finance Authority, 2010 Subser A-1 (a) | 5.00 | 05/01/29 | 1,079,880 |
| 1,045 | New York City Transitional Finance Authority, 2010 Subser A-1 (a) | 5.00 | 05/01/30 | 1,079,880 |
| 1,950 | New York City Trust for Cultural Resources, Museum of Modern Art Refg Ser 2008 1A (a) | 5.00 | 04/01/28 | 2,054,785 |
| 705 | New York State Dormitory Authority, Court Facilities Lease Ser 2005 A | 5.50 | 05/15/29 | 741,632 |
| 1,310 | New York State Thruway Authority, State Personal Income Tax Ser 2009 A | 5.00 | 03/15/25 | 1,390,919 |
| 6,000 | | 5.50 | 06/01/21 | 6,232,440 |

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|-------|--|-------|----------|------------|
| 3,000 | Tobacco Settlement Financing Corporation, State Contingency Ser 2003 B-1C Triborough Bridge & Tunnel Authority, Refg Ser 2002 B | 5.25 | 11/15/19 | 3,276,600 |
| | | | | 24,325,012 |
| | Ohio (3.7%) | | | |
| 1,000 | American Municipal Power Ohio, Inc., Prairie State Energy Campus Ser 2008 A (AGC Insd) (a) | 5.25 | 02/15/33 | 1,015,182 |
| 5,000 | Cuyahoga County, Cleveland Clinic Ser 2003 A | 6.00 | 01/01/32 | 5,206,250 |
| 265 | Ohio State Water Development Authority 2009 Ser A | 5.875 | 06/01/33 | 275,666 |
| | | | | 6,497,098 |
| | Pennsylvania (1.6%) | | | |
| 2,000 | Allegheny County Redevelopment Authority, West Penn Allegheny Health Ser 2007 A | 5.375 | 11/15/40 | 1,205,380 |
| 1,500 | Philadelphia School District, Ser 2008 E (BHAC Insd) | 5.125 | 09/01/23 | 1,616,865 |
| | | | | 2,822,245 |

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| PRINCIPAL AMOUNT IN THOUSANDS | | COUPON RATE | MATURITY DATE | VALUE |
|--|---|----------------|------------------|------------|
| | Puerto Rico (0.5%) | | | |
| 875 | Puerto Rico, Sales Tax Financing 2009 Subser A | 5.00 | 08/01/39 | 889,971 |
| | Rhode Island (0.8%) | | | |
| 1,500 | Rhode Island Economic Development Corporation, Airport Refg Ser 2004 A (AMT) (FSA Insd) | 5.00 | 07/01/21 | 1,458,615 |
| | South Carolina (6.9%) | | | |
| 2,000 | Charleston Educational Excellence Financing Corporation, Charleston County School District Ser 2005 | 5.25 | 12/01/29 | 2,026,720 |
| 4,565 | Grand Strand Water & Sewer Authority, Refg Ser 2002 (FSA Insd) | 5.375 | 06/01/19 | 4,878,250 |
| 40 | Lexington County, Health Services District, Lexmed Inc, Ser 2007 A | 5.00 | 11/01/16 | 41,820 |
| 210 | Richland County Environmental Improvement Revenue, International Paper Company Ser 2007 A | 4.60 | 09/01/12 | 205,714 |
| 4,000 | South Carolina Public Service Authority, Santee Cooper Ser 2003 A (AMBAC Insd) (a) | 5.00 | 01/01/27 | 4,106,542 |
| 1,000 | South Carolina Public Transportation Infrastructure Bank Ser 2002 A (AMBAC Insd) | 5.25 | 10/01/22 | 1,022,790 |
| | | | | 12,281,836 |
| | Tennessee (0.6%) | | | |
| 1,040 | Tennessee Energy Acquisition Corporation, Ser 2006 A | 5.25 | 09/01/19 | 999,263 |
| 2,000 | Alliance Airport Authority, Federal Express Corp Refg Ser 2006 (AMT) | 4.85 | 04/01/21 | 1,708,060 |
| 1,500 | Arlington City, Special Tax Ser 2009 | 5.00 | 08/15/28 | 1,476,450 |
| 1,360 | Austin, Water & Sewer, ROLS RRII R-574 | 9.627(f) | 05/15/27 | 1,412,578 |
| 575 | Friendswood, Independent School District (PSF Insd) | 5.00 | 02/15/25 | 617,056 |
| 1,360 | Harris County Health Facilities Development Corp,TECO Project, Ser 2008 (AGC Insd) | 5.25 | 11/15/23 | 1,375,844 |
| 1,530 | Harris County, Toll Road Unlimited Tax Ser 2007 C | 5.25 | 08/15/31 | 1,669,046 |
| 2,350 | Houston, Hotel Occupancy Ser B (g) | 0.00 | 09/01/25 | 888,488 |
| 5,000 | | 5.25 | 05/15/25 | 5,157,400 |

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|--------|--|-------|----------|------------|
| | Houston, Combined Utility First Lien Refg 2004 Ser A (NATL-RE Insd) | | | |
| 5,200 | North Texas Tollway Authority Refg First Tier Ser 2008 D (g) | 0.00 | 01/01/28 | 1,710,332 |
| 1,065 | North Texas Tollway Authority Refg First Tier Ser 2008 D (g) | 0.00 | 01/01/31 | 282,108 |
| 1,000 | Tarrant County Cultural Educational Facilities Finance Corp, Air Force Village II Inc Ser 2007 | 5.125 | 05/15/37 | 719,650 |
| 4,000 | Tarrant County Regional Water District, Refg & Impr Ser 2002 (FSA Insd) | 5.25 | 03/01/17 | 4,411,120 |
| 1,665 | Texas A&M University System Health Science Center,, Financing System Ser 2009 A | 5.00 | 05/15/26 | 1,795,869 |
| 325 | Texas Municipal Gas Aquisition & Supply Corp., Gas Supply Revenue Senior Lien Series 2008 D | 6.25 | 12/15/26 | 314,288 |
| 335 | University of Houston System Refg Ser 2008 (FSA Insd) (a) | 5.00 | 02/15/33 | 1,006,931 |
| 3,000 | West Harris County Regional Water Authority, Water Ser 2005 (FSA Insd) | 5.00 | 12/15/24 | 3,040,710 |
| | | | | 27,585,930 |
| | Utah (1.5%) | | | |
| 2,500 | Intermountain Power Agency, 2003 Ser A (FSA Insd) | 5.00 | 07/01/21 | 2,652,625 |
| | Virginia (10.1%) | | | |
| 1,250 | Fairfax County Economic Development Authority, Goodwin House Inc Ser 2007 | 5.125 | 10/01/42 | 953,100 |
| 10,000 | Fairfax County Industrial Development Authority, Inova Health Refg Ser 1993 A | 5.25 | 08/15/19 | 10,695,300 |
| 4,000 | Norfolk, Water Ser 1993 (AMBAC Insd) | 5.375 | 11/01/23 | 4,000,640 |
| 2,000 | Prince William County Service Authority, Water & Sewer Refg Ser 2003 | 5.00 | 07/01/21 | 2,152,180 |
| | | | | 17,801,220 |
| | Washington (5.7%) | | | |
| 1,705 | Grant County Public Utility District #2, Wanapum Hydroelectric 2005 Ser A (FGIC Insd) | 5.00 | 01/01/34 | 1,654,634 |
| 3,450 | Port of Seattle, Passenger Facility Ser 1998 A (NATL-RE Insd) | 5.00 | 12/01/23 | 3,414,983 |
| 2,380 | Washington State, Various Purpose Ser 2010 A (a) | 5.00 | 08/01/29 | 2,482,740 |
| 2,500 | Washington State, Various Purpose Ser 2010 A (a) | 5.00 | 08/01/30 | 2,607,921 |
| | | | | 10,160,278 |

| | | | | |
|-------|-------------------------|-------|----------|-----------|
| | Wisconsin (0.6%) | | | |
| 1,000 | Wisconsin, 2009 Ser A | 5.625 | 05/01/28 | 1,079,730 |

| | | | | |
|--|---|--|--|-------------|
| | Total Tax-Exempt Municipal Bonds | | | |
| | <i>(Cost \$285,097,219)</i> | | | 278,618,681 |

NUMBER
OF
SHARES
(000)

| | | | | |
|-------|--|--|--|-----------|
| | Short-Term Investment (i) (2.0%) | | | |
| | Investment Company | | | |
| 3,530 | Morgan Stanley Institutional Liquidity Funds Tax-Exempt Portfolio Institutional Class | | | |
| | <i>(Cost \$3,529,731)</i> | | | 3,529,731 |

| | | |
|--|--------|----------------|
| Total Investments (Cost \$288,626,950) (k) (j) | 159.4% | 282,148,412 |
| Other Assets in Excess of Liabilities | 1.5 | 2,705,207 |
| Floating Rate Note Obligations Related to Securities Held Notes with interest rates ranging from 0.32% to 0.91% at July 31, 2009 and contractual maturities of collateral ranging from 06/01/17 to 08/15/42 (h) (Cost \$(35,442,000)) | (20.0) | (35,442,000) |
| Preferred Shares of Beneficial Interest | (40.9) | (72,450,000) |
| Net Assets Applicable to Common Shareholders | 100.0% | \$ 176,961,619 |

Note: The categories of investments are shown as a percentage of net assets applicable to common shareholders.

AMT Alternative Minimum Tax.

COPs Certificates of Participation.

ROLS Reset Option Longs.

*(a) Floating rate note and dealer trusts obligations related to securities held
The Trust enters into transactions in which it transfers to Dealer Trusts*

(*Dealer Trusts*),
fixed rate bonds
in exchange for
cash and
residual
interests in the
Dealer Trusts
assets and cash
flows, which are
in the form of
inverse floating
rate
investments. The
Dealer Trusts
fund the
purchases of the
fixed rate bonds
by issuing
floating rate
notes to third
parties and
allowing the
Trust to retain
residual interest
in the bonds.
The Trust enters
into shortfall
agreements with
the Dealer
Trusts which
commit the
Trust to pay the
Dealer Trusts,
in certain
circumstances,
the difference
between the
liquidation
value of the
fixed rate bonds
held by the
Dealer Trusts
and the
liquidation
value of the
floating rate
notes held by
third parties, as
well as any
shortfalls in
interest cash

flows. The residual interests held by the Trust (inverse floating rate investments) include the right of the Fund (1) to cause the holders of the floating rate notes to tender their notes at par at the next interest rate reset date, and (2) to transfer the municipal bond from the Dealer Trusts to the Trust, thereby collapsing the Dealer Trusts. The Trust accounts for the transfer of bonds to the Dealer Trusts as secured borrowings, with the securities transferred remaining in the Trust's investment assets, and the related floating rate notes reflected as Trust liabilities. The notes issued by the Dealer Trusts have interest rates that reset weekly and the floating rate note holders

have the option to tender their notes to the Dealer Trusts for redemption at par at each reset date. At July 31, 2009, Trust investments with a value of \$56,430,685 are held by the Dealer Trusts and serve as collateral for the \$35,442,000 in floating rate note obligations outstanding at that date.

(b) A portion of this security has been physically segregated in connection with open futures contracts.

(c) Prerefunded to call date shown.

(d) Currently a zero coupon security, will convert to 5.00% on October 1, 2013.

(e) Currently a zero coupon security, will convert to 5.75% on June 15, 2017.

(f) Current coupon rate for inverse floating rate municipal obligation. This

*rate resets
periodically as
the auction rate
on the related
security
changes.
Positions in
inverse floating
rate municipal
obligation has a
total value of
\$1,412,578
which
represents 0.8%
of net assets
applicable to
common
shareholders.*

- (g) *Capital
Appreciation
Bond.*
- (h) *Floating rate
note obligations
related to
securities held.
The interest
rates shown
reflect the rates
in effect at
July 31, 2009.*
- (i) *The Fund
invests in
Morgan Stanley
Institutional
Liquidity Funds
Tax-Exempt
Portfolio
Institutional
Class, an
open-end
management
investment
company
managed by the
Investment
Adviser.
Investment
Advisory fees*

*paid by the
Fund are
reduced by an
amount equal to
the advisory and
administrative
service fees paid
by Morgan
Stanley
Institutional
Liquidity Funds
Tax-Exempt
Portfolio
Institutional
Class with
respect to assets
invested by the
Fund in Morgan
Stanley
Institutional
Liquidity Funds
Tax-Exempt
Portfolio
Institutional
Class .
(j) Securities
have been
designated as
collateral in
connection with
open futures
and when issued
securities.*

*(k) The aggregate
cost for federal
income tax
purposes
approximates
the aggregate
cost for book
purposes.*

Bond Insurance:

*AGC Assured
Guaranty
Corporation.*

*AMBAC AMBAC
Assurance
Corporation.*

BHAC *Berkshire
Hathaway
Assurance
Corporation.*

FGIC *Financial
Guaranty
Insurance
Company.*

FSA *Financial
Security
Assurance Inc.*

NATL-RE *National Public
Finance
Guarantee
Corporation.*

PSF *Texas
Permanent
School Fund
Guarantee
Program.*

XLCA *XL Capital
Assurance Inc.*

**Morgan Stanley Quality Municipal Securities
Futures Contracts Open at July 31, 2009:**

| NUMBER OF CONTRACTS | LONG/SHORT | DESCRIPTION, DELIVERY MONTH AND YEAR | UNDERLYING FACE AMOUNT AT VALUE | UNREALIZED |
|------------------------|------------|---|--|---------------------------------|
| | | | | APPRECIATION/ (DEPRECIATION) |
| 62 | Long | U.S. Treasury Bond 2 Year September 2009 | \$ 13,427,843 | \$ 21,638 |
| 22 | Long | U.S. Treasury Notes 10 Year September 2009 | 2,580,188 | (13,659) |
| 14 | Long | U.S. Treasury Notes 5 Year September 2009 | 1,615,359 | 8,562 |
| 173 | Short | U.S. Treasury Notes 20 Year September 2009 | (20,587,000) | (465,399) |
| | | Net Unrealized Depreciation | | \$ (448,858) |

Morgan Stanley Quality Municipal Securities
Notes to the Portfolio of Investments
SFAS 157 Disclosure
7/31/2009

The Fund adopted Financial Accounting Standards Board Statement of Financial Accounting Standards No. 157, *Fair Value Measurements* (SFAS 157), effective November 1, 2008. In accordance with SFAS 157, fair value is defined as the price that the Fund would receive to sell an investment or pay to transfer a liability in a timely transaction with an independent buyer in the principal market, or in the absence of a principal market the most advantageous market for the investment or liability. SFAS 157 establishes a three-tier hierarchy to distinguish between (1) inputs that reflect the assumptions market participants would use in pricing an asset or liability developed based on market data obtained from sources independent of the reporting entity (observable inputs) and (2) inputs that reflect the reporting entity's own assumptions about the assumptions market participants would use in pricing an asset or liability developed based on the best information available in the circumstances (unobservable inputs) and to establish classification of fair value measurements for disclosure purposes. Various inputs are used in determining the value of the Fund's investments. The inputs are summarized in the three broad levels listed below.

Level 1 unadjusted 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 the 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 and the determination of the significance of a particular input to the fair value measurement in its entirety requires judgment and considers factors specific to each security.

The following is a summary of the inputs used as of July 31, 2009 in valuing the Fund's investments carried at value:

| Investment Type | Total | Fair Value Measurements at July 31, 2009 Using | | |
|----------------------------|----------------------|---|---|---|
| | | Unadjusted Quoted Prices In Active Market for Identical Investments (Level 1) | Significant Other Observable Inputs (Level 2) | Significant Unobservable Inputs (Level 3) |
| Assets | | | | |
| Tax-Exempt Municipal Bonds | \$278,618,681 | | \$278,618,681 | |
| Short-Term Investment | | | | |
| Company | 3,529,731 | \$ 3,529,731 | | |
| Futures | 30,200 | 30,200 | | |
| Total | \$282,178,612 | \$ 3,559,931 | \$278,618,681 | |
| Liabilities | | | | |
| Futures | (\$479,058) | (\$479,058) | | |

Valuation of Investments (1) portfolio securities are valued by an outside independent pricing service approved by the Trustees. The pricing service uses both a computerized grid matrix of tax-exempt securities and evaluations by its staff, in each case based on information concerning market transactions and quotations from dealers which reflect the mean between the last reported bid and asked price. The portfolio securities are thus valued by reference to a combination of transactions and quotations for the same or other securities believed to be comparable in quality, coupon, maturity, type of issue, call provisions, trading characteristics and other features deemed to be relevant. The Trustees believe that timely and reliable market quotations are generally not readily available for purposes of valuing tax-exempt securities and that the valuations supplied by the pricing service are more likely to approximate the fair value of such securities; (2) futures are valued at the latest sale price on the commodities exchange on which they trade unless it is determined that such price does not reflect their market value, in which case they will be valued at their fair value as determined in good faith under procedures established by and under the supervision of the Trustees; (3) interest rate swaps are marked-to-market daily based upon quotations from market makers; (4) investments in open-end mutual funds, including the Morgan Stanley Institutional Liquidity Funds, are valued at the net asset value as of the close of each business day; and (5) short-term debt securities having a maturity date of more than sixty days at time of purchase are valued on a mark-to-market basis until sixty days prior to maturity and thereafter at amortized cost based on their value on the 61st day. Short-term debt securities having a maturity date of sixty days or less at the time of purchase are valued at amortized cost, which approximates market value.

Item 2. Controls and Procedures.

(a) The Trust's principal executive officer and principal financial officer have concluded that the Trust's disclosure controls and procedures are sufficient to ensure that information required to be disclosed by the Trust in this Form N-Q was recorded, processed, summarized and reported within the time periods specified in the Securities and Exchange Commission's rules and forms, based upon such officers' evaluation of these controls and procedures as of a date within 90 days of the filing date of the report.

(b) There were no changes in the Trust's internal control over financial reporting that occurred during the registrant's fiscal quarter that has materially affected, or is reasonably likely to materially affect, the Trust's internal control over financial reporting.

Item 3. Exhibits.

(a) A separate certification for each principal executive officer and principal financial officer of the registrant are 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.

Morgan Stanley Quality Municipal Securities

/s/ Randy Takian

Randy Takian

Principal Executive Officer

September 17, 2009

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

/s/ Randy Takian

Randy Takian

Principal Executive Officer

September 17, 2009

/s/ Francis Smith

Francis Smith

Principal Financial Officer

September 17, 2009