

MainStay DefinedTerm Municipal Opportunities Fund
Form N-Q
April 29, 2014

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, DC 20549

FORM N-Q

**QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED
MANAGEMENT INVESTMENT COMPANY**

Investment Company Act file number 811-22551

MainStay DefinedTerm Municipal Opportunities Fund

(Exact name of registrant as specified in charter)

M1 Madison Avenue, New York, New York 10010

(Address of principal executive offices) (Zip Code)

J. Kevin Gao, Esq., 169 Lackawanna Avenue, Parsippany, NJ 07054

(Name and address of agent for service)

Registrant's telephone number, including area code: 800-624-6782

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Date of fiscal year end: May 31

Date of reporting period: February 28, 2014

Item 1. Schedule of Investments.

The schedule of investments for the period ended February 28, 2014 is filed herewith.

MainStay DefinedTerm Municipal Opportunities Fund
Portfolio of Investments February 28, 2014 (Unaudited)

| | Principal Amount | Value |
|--|---------------------|-----------|
| Municipal Bonds 152.0% † | | |
| Alabama 1.3% (0.8% of Managed Assets) | | |
| Birmingham Jefferson Civic Center Authority, Special Tax Series A, Insured: AMBAC | \$250,000 | \$250,140 |
| 4.125%, due 7/1/14 | | |
| Jefferson County, Limited Obligation School, Revenue Bonds Series A, Insured: AMBAC | 250,000 | 237,685 |
| 4.75%, due 1/1/25 | | |
| Jefferson County, Public Building Authority, Revenue Bonds Insured: AMBAC | 4,500,000 | 3,768,660 |
| 5.00%, due 4/1/26 | | |
| Jefferson County, Sewer, Senior Lien, Revenue Bonds Series A, Insured: AGM | 2,000,000 | 2,001,640 |
| 5.25%, due 10/1/48 | | 6,258,125 |
| Alaska 0.8% (0.5% of Managed Assets) | | |
| Northern Tobacco Securitization Corp., Tobacco Settlement, Asset-Backed, Revenue Bonds | 5,295,000 | 3,751,666 |
| Series A | | |
| 5.00%, due 6/1/46 | | |
| Arizona 2.3% (1.5% of Managed Assets) | | |
| Phoenix Industrial Development Authority, Downtown Phoenix Student LLC, Revenue Bonds | | |
| Series A, Insured: AMBAC | 1,000,000 | 811,420 |
| 4.50%, due 7/1/32 | | |
| Series A, Insured: AMBAC | 150,000 | 111,675 |
| 4.50%, due 7/1/42 | | |
| Phoenix Industrial Development Authority, Espiritu Community Development Corp., Revenue Bonds | 2,000,000 | 1,927,620 |
| Series A | | |

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|---|------------|------------|
| 6.25%, due 7/1/36 Pima County Industrial Development Authority, PLC Charter Schools Project, Revenue Bonds | 1,075,000 | 1,036,149 |
| 6.75%, due 4/1/36 Salt Verde Financial Corp., Senior Gas, Revenue Bonds | 7,235,000 | 7,607,024 |
| 5.00%, due 12/1/37 | | 11,493,888 |
| California 30.9% (19.9% of Managed Assets) California County Tobacco Securitization Agency, Asset Backed, Revenue Bonds Series A | 3,060,000 | 2,451,703 |
| 5.125%, due 6/1/38 | 2,575,000 | 2,168,510 |
| 5.60%, due 6/1/36 California Municipal Finance Authority, Southwestern Law School, Revenue Bonds | 2,165,000 | 2,460,522 |
| 6.50%, due 11/1/41 Carson Redevelopment Agency, Redevelopment Project Area 1, Tax Allocation Series B, Insured: NATL-RE | 75,000 | 41,693 |
| (zero coupon), due 10/1/25 Ceres Unified School District, Cabs-Election, Unlimited General Obligation Series A | 6,375,000 | 889,057 |
| (zero coupon), due 8/1/43 City of Sacramento, California, Water, Revenue Bonds | 19,500,000 | 20,751,900 |
| 5.00%, due 9/1/42 (a)(b) Fontana Unified School District, Cabs Unlimited General Obligation Series C | 14,000,000 | 4,752,580 |
| (zero coupon), due 8/1/34 Series C | 10,000,000 | 2,275,800 |
| (zero coupon), due 8/1/40 Series C | 19,700,000 | 4,214,815 |
| (zero coupon), due 8/1/41 Series C | 18,600,000 | 3,743,250 |
| (zero coupon), due 8/1/42 Foothill-Eastern Transportation Corridor Agency, Revenue Bonds Series A | 10,000,000 | 10,556,000 |
| 6.00%, due 1/15/49 Golden State Tobacco Securitization Corp., Asset Backed, Revenue Bonds Series A, Insured: AGC, FGIC | 16,110,000 | 16,152,530 |
| 5.00%, due 6/1/35 (a)(b) Series A-2 | 5,000,000 | 3,920,550 |
| 5.30%, due 6/1/37 (c) Inglewood Public Financing Authority, Cabs-Lease, Revenue Bonds | 2,530,000 | 784,300 |
| (zero coupon), due 8/1/30 | 2,530,000 | 726,743 |
| (zero coupon), due 8/1/31 Lancaster Financing Authority, Subordinated Project No. 5 & 6, Redevelopment Projects, Tax Allocation Series B, Insured: NATL-RE | 215,000 | 215,000 |
| 4.625%, due 2/1/24 Marysville Joint Unified School District, Capital Project, Certificates of Participation | 1,850,000 | 1,029,654 |

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| Insured: AGM (zero coupon), due 6/1/25 | | |
| Insured: AGM (zero coupon), due 6/1/27 | 2,445,000 | 1,194,065 |
| Insured: AGM (zero coupon), due 6/1/33 | 2,800,000 | 901,404 |
| Insured: AGM (zero coupon), due 6/1/34 | 2,820,000 | 850,709 |
| Insured: AGM (zero coupon), due 6/1/38 | 2,820,000 | 644,483 |
| Insured: AGM (zero coupon), due 6/1/39 | 2,820,000 | 604,439 |
| Insured: AGM (zero coupon), due 6/1/40 | 2,820,000 | 567,187 |
| Merced Union High School District, Cabs-Election, Unlimited General Obligation Series C (zero coupon), due 8/1/41 | 16,780,000 | 3,024,595 |
| Oakland Unified School District, Election 2000, Unlimited General Obligation Insured: NATL-RE 4.50%, due 8/1/30 | 2,500,000 | 2,502,150 |
| Oceanside, California Unified School District, Unlimited General Obligation Series C (zero coupon), due 8/1/50 | 20,190,000 | 2,168,406 |
| Riverside County Transportation Commission, Limited Tax, Revenue Bonds Series A 5.25%, due 6/1/39 (a)(b) | 19,100,000 | 21,298,733 |
| San Bernardino City Unified School District, Unlimited General Obligation Series C, Insured: NATL-RE (zero coupon), due 8/1/31 | 5,000,000 | 2,019,300 |
| San Joaquin Hills Transportation Corridor Agency, Revenue Bonds Series A, Insured: NATL-RE (zero coupon), due 1/15/31 | 150,000 | 54,086 |
| Series A, Insured: NATL-RE 5.25%, due 1/15/30 | 900,000 | 887,085 |
| Stockton Public Financing Authority, Parking & Capital Projects, Revenue Bonds Insured: NATL-RE 4.25%, due 9/1/14 | 50,000 | 49,813 |
| Insured: NATL-RE 4.50%, due 9/1/17 | 100,000 | 97,313 |
| Insured: NATL-RE 4.80%, due 9/1/20 | 105,000 | 100,223 |
| Stockton Public Financing Authority, Redevelopment Projects, Revenue Bonds Series A, Insured: RADIAN 5.25%, due 9/1/31 | 630,000 | 501,386 |
| Series A, Insured: RADIAN 5.25%, due 9/1/34 | 2,925,000 | 2,269,186 |
| Stockton Public Financing Authority, Water System, Capital Improvement Projects, Revenue Bonds Series A, Insured: NATL-RE 5.00%, due 10/1/31 | 175,000 | 175,324 |
| Stockton, California Unified School District, Unlimited General Obligation | | |

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| Series D, Insured: AGM (zero coupon), due 8/1/35 | 4,165,000 | 1,242,544 |
| Series D, Insured: AGM (zero coupon), due 8/1/40 | 13,930,000 | 2,989,099 |
| Tobacco Securitization Authority of Southern California, Asset-Backed, Revenue Bonds Series A-1 5.00%, due 6/1/37 | 3,000,000 | 2,324,070 |
| University of California, Regents Medical Center, Revenue Bonds | | |
| ⊠ Series J 5.00%, due 5/15/43 (a)(b) | 23,260,000 | 24,441,086 |
| Westminster School District, Cabs-Election 2008, Unlimited General Obligation Series B, Insured: BAM (zero coupon), due 8/1/48 | 27,045,000 | 2,772,383 |
| | | 150,813,676 |
| Colorado 1.1% (0.7% of Managed Assets) Colorado Health Facilities Authority, Revenue Bonds 5.625%, due 6/1/43 | 5,000,000 | 5,259,200 |
| E-470 Public Highway Authority, Revenue Bonds Series B, Insured: NATL-RE (zero coupon), due 9/1/29 | 660,000 | 283,859 |
| | | 5,543,059 |
| District of Columbia 0.8% (0.5% of Managed Assets) Metropolitan Washington Airports Authority, Revenue Bonds Series C, Insured: GTY 0.00%, due 10/1/41 (c) | 3,900,000 | 3,951,558 |
| Florida 7.0% (4.5% of Managed Assets) City of Orlando, Tourist Development Tax Revenue, 3rd Lien, 6th Cent Contract, Revenue Bonds ⊠ Insured: GTY 5.50%, due 11/1/38 | 20,000,000 | 20,448,200 |
| JEA Electric System, Revenue Bonds Series C 5.00%, due 10/1/37 (a)(b) | 12,980,000 | 13,871,565 |
| | | 34,319,765 |
| Georgia 0.1% (0.1% of Managed Assets) Marietta Development Authority, University Facilities-Life University, Inc. Project, Revenue Bonds 6.25%, due 6/15/20 | 440,000 | 450,811 |
| Guam 4.1% (2.6% of Managed Assets) Guam Economic Development & Commerce Authority, Tobacco Settlement Asset Backed, Revenue Bonds 5.625%, due 6/1/47 | 350,000 | 276,724 |
| Guam Government Waterworks Authority, Revenue Bonds 5.50%, due 7/1/43 | 10,025,000 | 10,289,359 |
| Guam International Airport Authority, Revenue Bonds | | |

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| Series C | 5,500,000 | 5,732,430 |
| 5.00%, due 10/1/21 (d) | | |
| Series C, Insured: AGM | 3,425,000 | 3,719,276 |
| 6.00%, due 10/1/34 (d) | | 20,017,789 |
| Illinois 14.7% (9.5% of Managed Assets) | | |
| Chicago Board of Education, Unlimited General Obligation | | |
| ⊗ Series A, Insured: AGM | 20,000,000 | 20,876,600 |
| 5.50%, due 12/1/39 (a)(b) | | |
| Chicago Midway Airport Revenue, Revenue Bonds | | |
| Series A | 4,500,000 | 4,799,610 |
| 5.50%, due 1/1/30 (d) | | |
| Chicago, Illinois O' Hare International Airport, Revenue Bonds | | |
| Insured: AGM | 5,000,000 | 5,419,200 |
| 5.75%, due 1/1/38 | | |
| Chicago, Unlimited General Obligation | | |
| Series C | 19,570,000 | 19,526,359 |
| 5.00%, due 1/1/40 (a)(b) | | |
| ⊗ State of Illinois, Unlimited General Obligation | 20,000,000 | 21,155,978 |
| 5.25%, due 7/1/31 (a)(b) | | 71,777,747 |
| Indiana 1.5% (1.0% of Managed Assets) | | |
| Anderson Economic Development Revenue, Anderson University Project, Revenue Bonds | | |
| 5.00%, due 10/1/32 | 1,105,000 | 957,604 |
| Indiana Finance Authority, Private Activity Ohio River Bridges East End Crossing Project, Revenue Bonds | | |
| 5.00%, due 7/1/40 (d) | 6,220,000 | 6,228,770 |
| | | 7,186,374 |
| Iowa 1.0% (0.7% of Managed Assets) | | |
| Coralville Urban Renewal Revenue, Tax Increment, Tax Allocation | | |
| Series C | 4,220,000 | 3,032,492 |
| 5.00%, due 6/1/47 | | |
| Iowa Higher Education Loan Authority, Private College Facility, Wartburg College, Revenue Bonds | | |
| Series B | 2,075,000 | 1,924,812 |
| 5.50%, due 10/1/31 | | 4,957,304 |
| Kansas 4.2% (2.7% of Managed Assets) | | |
| Kansas Development Finance Authority, Adventist Health Sunbelt Obligated | | |
| ⊗ Group, Revenue Bonds | 19,290,000 | 20,553,298 |
| Series A | | |
| 5.00%, due 11/15/32 (a)(b) | | |
| Louisiana 2.5% (1.6% of Managed Assets) | | |
| Louisiana Public Facilities Authority, Archdiocese of New Orleans Project, Revenue Bonds | | |
| | 8,225,000 | 7,313,835 |

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| Insured: CIFG | | |
| 4.50%, due 7/1/37 | | |
| Louisiana Public Facilities Authority, Black & Gold Facilities Project, Revenue Bonds | | |
| Series A, Insured: CIFG | 405,000 | 307,423 |
| 4.50%, due 7/1/38 | | |
| Series A, Insured: CIFG | 1,105,000 | 1,074,104 |
| 5.00%, due 7/1/22 | | |
| Series A, Insured: CIFG | 1,200,000 | 1,134,048 |
| 5.00%, due 7/1/24 | | |
| Series A, Insured: CIFG | 2,870,000 | 2,513,718 |
| 5.00%, due 7/1/30 | | 12,343,128 |
| Maryland 4.0% (2.6% of Managed Assets) | | |
| Maryland Health & Higher Educational Facilities Authority, John Hopkins Health System Obligated Group, Revenue Bonds | 18,500,000 | 19,554,832 |
| Series C | | |
| 5.00%, due 5/15/43 (a)(b) | | |
| Massachusetts 0.1% (0.1% of Managed Assets) | | |
| Massachusetts Development Finance Agency, Seven Hills Foundation & Affiliates, Revenue Bonds | 435,000 | 396,772 |
| Insured: RADIANT | | |
| 5.00%, due 9/1/35 | | |
| Michigan 10.5% (6.8% of Managed Assets) | | |
| Detroit, Michigan Water and Sewerage Department, Senior Lien, Revenue Bonds | | |
| Series A | 1,500,000 | 1,448,370 |
| 5.00%, due 7/1/32 | | |
| Series A | 10,730,000 | 10,429,024 |
| 5.25%, due 7/1/39 | | |
| Series C-1, Insured: AGM | 3,450,000 | 3,681,771 |
| 7.00%, due 7/1/27 | | |
| Detroit, Michigan Water Supply System, Revenue Bonds | | |
| Series A, Insured: NATL-RE | 760,000 | 704,573 |
| 4.50%, due 7/1/31 | | |
| Series B, Insured: NATL-RE | 3,840,000 | 3,734,630 |
| 5.00%, due 7/1/34 | | |
| Series C | 1,005,000 | 945,775 |
| 5.00%, due 7/1/41 | | |
| Series A | 2,385,000 | 2,315,763 |
| 5.25%, due 7/1/41 | | |
| Series A | 5,000,000 | 5,006,950 |
| 5.75%, due 7/1/37 | | |
| Michigan Finance Authority, Limited Obligation, Public School Academy, University Learning, Revenue Bonds | 2,920,000 | 3,140,927 |
| 7.375%, due 11/1/30 | | |
| Michigan Finance Authority, Public School Academy, Revenue Bonds | 2,745,000 | 2,943,217 |
| 7.50%, due 11/1/40 | | |

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| Michigan Public Educational Facilities Authority, Dr. Joseph F. Pollack, Revenue Bonds | | |
| 8.00%, due 4/1/30 | 1,195,000 | 1,272,771 |
| 8.00%, due 4/1/40 | 500,000 | 528,455 |
| Michigan Tobacco Settlement Finance Authority, Revenue Bonds | | |
| Series A | | |
| 6.00%, due 6/1/34 | 5,000,000 | 4,270,450 |
| Series A | | |
| 6.00%, due 6/1/48 | 13,435,000 | 11,102,281 |
| | | 51,524,957 |
| Missouri 0.6% (0.4% of Managed Assets) | | |
| St. Louis County Industrial Development Authority, Nazareth Living Center, Revenue Bonds | | |
| 5.875%, due 8/15/32 | 750,000 | 716,655 |
| 6.125%, due 8/15/42 | 2,120,000 | 2,019,406 |
| | | 2,736,061 |
| Nebraska 4.2% (2.7% of Managed Assets) | | |
| ⌘ Central Plains Energy, Project No. 3, Revenue Bonds | | |
| 5.25%, due 9/1/37 (a)(b) | 20,000,000 | 20,735,600 |
| Nevada 2.6% (1.7% of Managed Assets) | | |
| City of Sparks, Tourism Improvement District No. 1, Senior Sales Tax Anticipation, Revenue Bonds | | |
| Series A | | |
| 6.75%, due 6/15/28 (a) | 12,500,000 | 12,697,125 |
| New Hampshire 0.4% (0.3% of Managed Assets) | | |
| Manchester Housing & Redevelopment Authority Inc., Revenue Bonds | | |
| Series B, Insured: ACA | | |
| (zero coupon), due 1/1/24 | 4,740,000 | 2,067,635 |
| New Jersey 7.6% (4.9% of Managed Assets) | | |
| New Jersey Economic Development Authority, Continental Airlines, Inc. Project, Revenue Bonds | | |
| 5.25%, due 9/15/29 (d) | 9,120,000 | 8,936,688 |
| New Jersey Economic Development Authority, UMM Energy Partners, Revenue Bonds | | |
| Series A | | |
| 5.00%, due 6/15/37 (d) | 1,000,000 | 986,380 |
| New Jersey State Turnpike Authority, Revenue Bonds | | |
| Series A | | |
| 5.00%, due 1/1/32 | 9,670,000 | 10,412,656 |
| New Jersey Tobacco Settlement Financing Corp., Revenue Bonds | | |
| Series 1A | | |
| 5.00%, due 6/1/41 | 14,000,000 | 10,764,180 |
| Rutgers The State University of New Jersey, Revenue Bonds | | |
| Series J | | |
| 5.00%, due 5/1/32 | 5,375,000 | 5,964,960 |
| | | 37,064,864 |

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| New York 1.8% (1.1% of Managed Assets) | | |
| Onondaga Civic Development Corp., St. Joseph's Hospital Health Center, Revenue Bonds | 2,000,000 | 1,740,140 |
| 5.00%, due 7/1/42 | | |
| Riverhead Industrial Development Agency, Revenue Bonds | | |
| 7.00%, due 8/1/43 | 5,595,000 | 5,869,826 |
| 7.00%, due 8/1/48 | 1,000,000 | 1,041,910 |
| | | 8,651,876 |
| Ohio 5.5% (3.5% of Managed Assets) | | |
| Buckeye Tobacco Settlement Financing Authority, Asset-Backed, Senior Turbo, Revenue Bonds | | |
| Series A-2 | | |
| 5.75%, due 6/1/34 | 2,425,000 | 1,983,989 |
| Series A-2 | | |
| 5.875%, due 6/1/30 | 10,600,000 | 8,882,058 |
| Series A-2 | | |
| 6.00%, due 6/1/42 | 5,915,000 | 4,884,844 |
| Southeastern Ohio Port Authority, Hospital Facilities Revenue, Memorial Health Systems, Revenue Bonds | | |
| 5.75%, due 12/1/32 | 6,700,000 | 6,410,560 |
| 6.00%, due 12/1/42 | 4,900,000 | 4,680,284 |
| | | 26,841,735 |
| Pennsylvania 9.0% (5.8% of Managed Assets) | | |
| Bristol Township School District, General Obligation Limited | | |
| 5.25%, due 6/1/43 | 2,000,000 | 2,130,340 |
| Harrisburg, Capital Appreciation, Unlimited General Obligation | | |
| Series F, Insured: AMBAC | 95,000 | 53,967 |
| (zero coupon), due 9/15/21 | | |
| Pennsylvania Economic Development Financing Authority, Capitol Region Parking System, Revenue Bonds | | |
| 6.00%, due 7/1/53 (a)(b) | 14,260,000 | 15,698,958 |
| Pennsylvania Turnpike Commission, Revenue Bonds | | |
| Series C | 12,570,000 | 13,126,725 |
| 5.00%, due 12/1/43 | | |
| Philadelphia Authority for Industrial Development, Nueva Esperanza Inc., Revenue Bonds | 2,000,000 | 2,047,980 |
| 8.20%, due 12/1/43 | | |
| Philadelphia Authority for Industrial Development, Please Touch Museum Project, Revenue Bonds | 2,500,000 | 974,950 |
| 5.25%, due 9/1/31 | | |
| Philadelphia Hospitals and Higher Education Facilities Authority, Temple University Health System, Revenue Bonds | | |
| Series A | 2,000,000 | 1,658,020 |
| 5.00%, due 7/1/34 | | |
| Philadelphia Water And Wastewater Revenue, Revenue Bonds | | |
| Series A | 2,830,000 | 2,960,689 |
| 5.00%, due 1/1/36 | | |
| | 4,625,000 | 5,137,450 |

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| Philadelphia, Unlimited General Obligation 6.00%, due 8/1/36 | | 43,789,079 |
| Puerto Rico 1.5% (1.0% of Managed Assets) | | |
| Puerto Rico Commonwealth, Public Improvement, Unlimited General Obligation Series A, Insured: AGM 5.25%, due 7/1/30 | 7,000,000 | 6,355,720 |
| Series A, Insured: NATL-RE 5.50%, due 7/1/20 | 575,000 | 566,203 |
| Puerto Rico Highways & Transportation Authority, Revenue Bonds Series K, Insured: CIFG 5.00%, due 7/1/18 | 530,000 | 514,206 |
| | | 7,436,129 |
| Rhode Island 3.3% (2.1% of Managed Assets) | | |
| Narragansett Bay Commission Wastewater System, Revenue Bonds Series A 5.00%, due 9/1/38 (a)(b) | 15,000,000 | 16,033,650 |
| Tennessee 3.3% (2.1% of Managed Assets) | | |
| Chattanooga, TN, Industrial Development Board, Revenue Bonds Insured: AGM 5.00%, due 10/1/30 (a)(b) | 15,000,000 | 15,954,900 |
| Texas 10.3% (6.6% of Managed Assets) | | |
| Harris County-Houston Sports Authority, Revenue Bonds Series H, Insured: NATL-RE (zero coupon), due 11/15/28 | 50,000 | 20,536 |
| Series H, Insured: NATL-RE (zero coupon), due 11/15/30 | 8,775,000 | 3,091,608 |
| Series H, Insured: NATL-RE (zero coupon), due 11/15/33 | 1,320,000 | 375,830 |
| Series A, Insured: NATL-RE (zero coupon), due 11/15/34 | 2,520,000 | 713,866 |
| Series H, Insured: NATL-RE (zero coupon), due 11/15/35 | 2,080,000 | 505,170 |
| Series H, Insured: NATL-RE (zero coupon), due 11/15/37 | 6,705,000 | 1,396,987 |
| Series A, Insured: NATL-RE (zero coupon), due 11/15/38 | 175,000 | 38,328 |
| Series H, Insured: NATL-RE (zero coupon), due 11/15/38 | 125,000 | 24,088 |
| Series A, Insured: NATL-RE (zero coupon), due 11/15/40 | 1,000,000 | 191,200 |
| Series B, Insured: NATL-RE 5.25%, due 11/15/40 | 755,000 | 755,068 |
| Houston Higher Education Finance Corp., Cosmos Foundation Notes, Revenue Bonds Series A 5.00%, due 2/15/42 | 2,000,000 | 1,958,660 |

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| New Hope Cultural Education Facilities Corp., Student Housing, CHF-Stephenville Tarleton State University Project, Revenue Bonds Series A 5.375%, due 4/1/28 | 1,845,000 | 1,865,756 |
| Newark Cultural Education Facilities Finance Corp., A. W. Brown-Fellowship Leadership Academy, Revenue Bonds Series A 6.00%, due 8/15/42 | 5,640,000 | 5,808,410 |
| ⊠ Texas Municipal Gas Acquisition & Supply Corp. III, Revenue Bonds 5.00%, due 12/15/29 | 880,000 | 906,453 |
| 5.00%, due 12/15/30 | 5,500,000 | 5,645,310 |
| 5.00%, due 12/15/32 (a)(b) | 20,000,000 | 20,383,592 |
| Texas State Turnpike Authority, Central Texas System, Revenue Bonds Insured: AMBAC (zero coupon), due 8/15/35 | 23,750,000 | 6,563,550 |
| | | 50,244,412 |
| U.S. Virgin Islands 2.4% (1.5% of Managed Assets) Virgin Islands Public Finance Authority, Gross Receipts Taxes Loan, Revenue Bonds Insured: AGM 5.00%, due 10/1/32 | 2,475,000 | 2,538,311 |
| Virgin Islands Public Finance Authority, Matching Fund Loan Notes, Revenue Bonds Series A 5.00%, due 10/1/32 | 4,350,000 | 4,396,719 |
| Virgin Islands Public Finance Authority, Revenue Bonds Series A, Insured: AGM 5.00%, due 10/1/32 | 4,650,000 | 4,768,947 |
| | | 11,703,977 |
| Utah 0.5% (0.4% of Managed Assets) Utah State University of Agriculture & Applied Science, Student Building, Revenue Bonds Series B 5.00%, due 12/1/44 | 2,500,000 | 2,668,750 |
| Vermont 0.3% (0.2% of Managed Assets) Vermont State Student Assistance Corp., Revenue Bonds Series A 5.10%, due 6/15/32 (d) | 1,545,000 | 1,534,896 |
| Virginia 7.5% (4.8% of Managed Assets) Tobacco Settlement Financing Corp., Revenue Bonds Series B1 5.00%, due 6/1/47 | 12,000,000 | 8,454,000 |
| ⊠ Virginia Commonwealth Transportation Board, Capital Projects, Revenue Bonds 5.00%, due 5/15/31 (a)(b) | 20,315,000 | 22,649,567 |
| Virginia Small Business Financing Authority, Senior Lien, Elizabeth River Crossing, Revenue Bonds 6.00%, due 1/1/37 (d) | 5,000,000 | 5,333,750 |
| | | 36,437,317 |

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|---|------------|-----------------|
| Washington 4.1% (2.7% of Managed Assets) | | |
| Washington Health Care Facilities Authority, Multicare Health System, Revenue Bonds | | |
| Series A | 19,665,000 | 20,176,290 |
| 5.00%, due 8/15/44 (a)(b) | | |
| West Virginia 0.2% (0.1% of Managed Assets) | | |
| Ohio County, Wheeling Jesuit, Revenue Bonds | | |
| Series A | 845,000 | 785,554 |
| 5.50%, due 6/1/36 | | |
| Total Investments | 152.0 | % 742,454,599 |
| (Cost \$731,090,769) (h) | | |
| Floating Rate Note Obligations (e) | (40.6 |) (198,400,000) |
| Fixed Rate Municipal Term Preferred Shares, at Liquidation Value | (14.3 |) (70,000,000) |
| Other Assets, Less Liabilities | 2.9 | 14,271,205 |
| Net Assets Applicable to Common Shares | 100.0 | % \$488,325,804 |

| | Contracts Short | Unrealized Appreciation (Depreciation) (f) |
|--|-----------------|--|
| Futures Contracts 0.0% ‡ | | |
| United States Treasury Note June 2014 (10 Year) (g) | (625) | \$ (313,844) |
| Total Futures Contracts Short (Notional Amount \$77,832,031) | | (313,844) |

- ⌘ Among the Fund's 10 largest holdings or issuers held, as of February 28, 2014. May be subject to change daily.
- † Percentages indicated are based on Fund net assets applicable to Common Shares, unless otherwise noted.
- ‡ Less than one-tenth of a percent.
- (a) May be sold to institutional investors only under Rule 144A or securities offered pursuant to Section 4(a)(2) of the Securities Act of 1933, as amended.
- (b) All or portion of principal amount transferred to a Tender Option Bond ("TOB") Issuer in exchange for TOB Residuals and cash.
- (c) Step coupon - Rate shown was the rate in effect as of February 28, 2014.
- (d) Interest on these securities was subject to alternative minimum tax.
- (e) Proceeds received from TOB transactions.
- (f) Represents the difference between the value of the contracts at the time they were opened and the value as of February 28, 2014.
- (g) As of February 28, 2014, cash in the amount of \$921,875 was on deposit with a broker for futures transactions.
- (h) As of February 28, 2014, cost was \$531,991,132 for federal income tax purposes and net unrealized appreciation was as follows:

Gross unrealized appreciation \$24,751,730
Gross unrealized depreciation (14,200,254)

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Net unrealized appreciation \$10,551,476

"Managed Assets" is defined as the Fund's total assets, minus the sum of its accrued liabilities (other than Fund liabilities incurred for the purpose of creating effective leverage (i.e. tender option bonds) or Fund liabilities related to liquidation preference of any preferred shares issued).

The following abbreviations are used in the above portfolio:

ACA —ACA Financial Guaranty Corp.
 AGC —Assured Guaranty Corp.
 AGM —Assured Guaranty Municipal Corp.
 AMBAC —Ambac Assurance Corp.
 BAM —Build America Mutual Assurance Co.
 CIFG —CIFG Group
 FGIC —Financial Guaranty Insurance Co.
 GTY —Assured Guaranty Corp.
 NATL-RE—National Public Finance Guarantee Corp.
 RADIANT —Radian Asset Assurance, Inc.

The following is a summary of the fair valuations according to the inputs used as of February 28, 2014, for valuing the Fund's assets and liabilities.

Asset Valuation Inputs

| Description | Quoted Prices in Active Markets for Identical Assets (Level 1) | Significant Other Observable Inputs (Level 2) | Significant Unobservable Inputs (Level 3) | Total |
|---------------------------------|---|---|--|-----------------|
| Investments in Securities (a) | | | | |
| Municipal Bonds | \$ | — \$742,454,599 | \$ | — \$742,454,599 |
| Total Investments in Securities | \$ | — \$742,454,599 | \$ | — \$742,454,599 |

Liability Valuation Inputs

| Description | Quoted Prices in | Significant Other | Significant Unobservable | Total |
|-------------|---------------------|----------------------|-----------------------------|-------|
|-------------|---------------------|----------------------|-----------------------------|-------|

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| | Active Markets for Identical Assets (Level 1) | Observable Inputs (Level 2) | Inputs (Level 3) | |
|-----------------------------------|--|-----------------------------------|---------------------|--------------|
| Other Financial Instruments | | | | |
| Futures Contracts Short (b) | \$ (313,844) | \$ | — | \$ (313,844) |
| Total Other Financial Instruments | \$ (313,844) | \$ | — | \$ (313,844) |

(a) For a complete listing of investments and their industries, see the Portfolio of Investments.

(b) The value listed for these securities reflects unrealized appreciation (depreciation) as shown on the Portfolio of Investments.

The Fund recognizes transfers between the levels as of the beginning of the period.

For the period ended February 28, 2014, the Fund did not have any transfers between Level 1 and Level 2 fair value measurements.

As of February 28, 2014, the Fund did not hold any investments with significant unobservable inputs (Level 3).

MainStay DefinedTerm Municipal Opportunities Fund

NOTES TO PORTFOLIOS OF INVESTMENTS February 28, 2014 Unaudited

SECURITIES VALUATION.

Investments are valued as of the close of regular trading on the New York Stock Exchange ("Exchange") (generally 4:00 p.m. Eastern time) on each day the Fund is open for business ("valuation date").

The Board of Trustees (the "Board") of the MainStay DefinedTerm Municipal Opportunities Fund (the "Fund") adopted procedures for the valuation of the Fund's securities and delegated the responsibility for valuation determinations under those procedures to the Valuation Committee of the Fund (the "Valuation Committee"). The Board authorized the Valuation Committee to appoint a Valuation Sub-Committee (the "Sub-Committee") to deal in the first instance with questions that arise or cannot be resolved under these procedures. The Sub-Committee meets (in person, via electronic mail or via teleconference) on an as-needed basis. The Valuation Committee meets at a later time, as necessary, to ensure that actions taken by the Sub-Committee were appropriate. The procedures recognize that, subject to the oversight of the Board and unless otherwise noted, the responsibility for day-to-day valuation of portfolio assets (including securities for which market prices are not readily available) rests with New York Life Investment Management LLC ("New York Life Investments" or the "Manager"), aided to whatever extent necessary by the Subadvisor to the Fund.

To assess the appropriateness of security valuations, the Manager or the Fund's third party service provider, who is subject to oversight by the Manager, regularly compares prior day prices, prices on comparable securities and the sale prices to the prior and current day prices and challenges prices with changes exceeding certain tolerance levels with third party pricing services or broker sources. For those securities valued through either a standardized fair valuation methodology or a fair valuation measurement, the Sub-Committee deals in the first instance with such valuation and the Valuation Committee reviews and affirms the reasonableness of the valuation based on such methodologies and measurements on a regular basis after considering all relevant information that is reasonably available. Any action taken by the Sub-Committee with respect to the valuation of a portfolio security is submitted by the Valuation Committee to the full Board for its review at its next regularly scheduled meeting immediately after such action.

"Fair value" is defined as the price that the Fund would receive upon selling an investment in an orderly transaction to an independent buyer in the principal or most advantageous market for the investment. Fair value measurements are determined within a framework that has established a three-tier hierarchy which maximizes the use of observable market data and minimizes the use of unobservable inputs to establish a classification of fair value measurements for

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disclosure purposes. "Inputs" refers broadly to the assumptions that market participants would use in pricing the asset or liability, including assumptions about risk, such as the risk inherent in a particular valuation technique used to measure fair value using a pricing model and/or the risk inherent in the inputs for the valuation technique. Inputs may be observable or unobservable. Observable inputs reflect the assumptions market participants would use in pricing the asset or liability based on market data obtained from sources independent of the Fund. Unobservable inputs reflect the Fund's own assumptions about the assumptions market participants would use in pricing the asset or liability developed based on the information available. The inputs or methodology used for valuing securities may not be an indication of the risks associated with investing in those securities. The three-tier hierarchy of inputs is summarized in the three broad Levels listed below.

Level 1 – quoted prices in active markets for identical assets or liabilities

Level 2 – other significant observable inputs (including quoted prices for similar assets or liabilities in active markets, interest rates and yield curves, prepayment speeds, credit risk etc.)

Level 3 – significant unobservable inputs (including the Fund's own assumptions about the assumptions that market participants would use in measuring the fair value of assets or liabilities)

The aggregate value by input level, as of February 28, 2014, for the Fund's assets or liabilities are included at the end of the Portfolio of Investments.

The Fund may use third party vendor evaluations, whose prices may be derived from one or more of the following standard inputs among others:

- Benchmark Yields
- Broker Dealer Quotes
- Two-sided markets
- Bids/Offers
- Industry and economic events
- Monthly payment information
- Reported Trades
- Issuer Spreads
- Benchmark securities
- Reference Data (corporate actions or material event notices)
- Comparable bonds

Securities for which market values cannot be measured using the methodologies described above are valued by methods deemed reasonable and in good faith by the Valuation Committee, following the procedures established by the Board, to represent fair value. Under these procedures, the Fund generally uses a market-based approach which may use related or comparable assets or liabilities, recent transactions, market multiples, book values, and other relevant information. The Fund may also use an income-based valuation approach in which the anticipated future cash flows of the investment are discounted to calculate fair value. Discounts may also be applied due to the nature or duration of any restrictions on the disposition of the investments. Due to the inherent uncertainty of valuations of such investments, fair values may differ significantly from values that would have been used had an active market existed. For the period ended February 28, 2014, there have been no material changes to the fair value methodologies.

Equity and non-equity securities which may be valued in this manner include, but are not limited to: (i) a security for which trading has been halted or suspended; (ii) a debt security that has recently gone into default and for which there is not a current market quotation; (iii) a security of an issuer that has entered into a restructuring; (iv) a security that has been de-listed from a national exchange; (v) a security for which the market price is not readily available from a third party pricing source or, if so provided, does not, in the opinion of the Fund's Manager or Subadvisor reflect the security's market value; (vi) a security subject to trading collars for which no or limited trading takes place; and (vii) a security whose principal market has been temporarily closed at a time when, under normal conditions, it would be open. Securities for which market quotations or observable inputs are not readily available are generally categorized as Level 3 in the hierarchy. As of February 28, 2014, the Fund did not hold any securities that were valued in such a manner.

Municipal debt securities are valued at the evaluated mean prices supplied by a pricing agent or broker selected by the Manager, in consultation with the Subadvisor, whose prices reflect broker/dealer supplied valuations and electronic data processing techniques, if such prices are deemed by the Manager, in consultation with the Subadvisor, to be representative of market values, at the regular close of trading of the Exchange on each valuation date. Debt securities purchased on delayed delivery basis are marked to market daily until settlement at the forward settlement date. Municipal debt securities are generally categorized as Level 2 in the hierarchy.

Futures contracts are valued at the last posted settlement price on the market where such futures are primarily traded and are generally categorized as Level 1 in the hierarchy.

Temporary cash investments acquired in excess of 60 days to maturity are valued using the latest bid prices or using valuations based on a matrix system (which considers such factors as security prices, yields, maturities, and ratings), both as furnished by independent pricing services. Other temporary cash investments which mature in 60 days or less ("Short-Term Investments") are valued at amortized cost. The amortized cost method involves valuing a security at its cost on the date of purchase and thereafter assuming a constant amortization to maturity of the difference between such cost and the value on maturity date. Amortized cost approximates the current fair value of a security. Securities valued at amortized cost are not valued using a quoted price in an active market. These securities are generally categorized as Level 2 in the hierarchy.

Item 2. Controls And Procedures.

(a) Based on an evaluation of the Disclosure Controls and Procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, the “Disclosure Controls”) as of a date within 90 days prior to the filing date (the “Filing Date”) of this Form N-Q (the “Report”), the Registrant’s principal executive and principal financial officers have concluded that the Disclosure Controls are reasonably designed to ensure that information required to be disclosed by the Registrant in the Report is recorded, processed, summarized and reported by the Filing Date, including ensuring that information required to be disclosed in the Report is accumulated and communicated to the Registrant’s management, including the Registrant’s principal executive officer and principal financial officer, as appropriate, to allow timely decisions regarding required disclosure.

(b) There were no changes in the Registrant’s internal control over financial reporting (as defined in Rule 30a-3(d) under the Investment Company Act of 1940) 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.

(a) Certifications of principal executive officer and principal financial officer as required by Rule 30a-2(a) under the Investment Company Act of 1940 (17 CFR 270.30a-2(a)).

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.

MAINSTAY DEFINEDTERM MUNICIPAL OPPORTUNITIES FUND

By: /s/ Stephen P. Fisher

Stephen P. Fisher

President and Principal Executive Officer

Date: April 29, 2014

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/ Stephen P. Fisher

Stephen P. Fisher

President and Principal Executive Officer

Date: April 29, 2014

By: /s/ Jack R. Benintende

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Jack R. Benintende

Treasurer and Principal Financial and

Accounting Officer

Date: April 29, 2014