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BLACKROCK MUNIHOLDINGS NEW YORK QUALITY FUND, INC.

Form N-Q

July 24, 2017

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: 811-08217

Name of Fund: BlackRock MuniHoldings New York Quality Fund, Inc. (MHN)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

Name and address of agent for service: John M. Perlowski, Chief Executive Officer, BlackRock MuniHoldings

New York Quality Fund, Inc., 55 East 52nd Street, New York, NY 10055

Registrant's telephone number, including area code: (800) 882-0052, Option 4

Date of fiscal year end: 08/31/2017

Date of reporting period: 05/31/2017

Item 1 Schedule of Investments

Schedule of Investments May 31, 2017 (Unaudited)

BlackRock MuniHoldings New York Quality Fund, Inc. (MHN)

(Percentages shown are based on Net Assets)

| | Par | |
|--|--------------|--------------|
| | (000) | Value |
| Municipal Bonds | | |
| New York 134.3% | | |
| Corporate 2.3% | | |
| City of New York New York Industrial Development Agency, Refunding RB, Transportation Infrastructure Properties LLC, Series A, AMT, 5.00%, 7/01/28 | \$ 820 | \$ 878,778 |
| County of Onondaga New York Industrial Development Agency, RB, Bristol-Meyers Squibb Co. Project, AMT, 5.75%, 3/01/24 | 2,250 | 2,759,017 |
| New York Liberty Development Corp., Refunding RB, Goldman Sachs Headquarters, 5.25%, 10/01/35 | 5,500 | 6,922,630 |
| | | 10,560,425 |
| County/City/Special District/School District 25.2% | | |
| Brooklyn Arena Local Development Corp., Refunding RB, Barclays Center Project, Series A, 5.00%, 7/15/42 | 1,380 | 1,552,624 |
| City of New York New York, GO, Refunding: | | |
| Fiscal 2012, Series I, 5.00%, 8/01/32 | 490 | 561,633 |
| Fiscal 2014, Series E, 5.00%, 8/01/32 | 2,000 | 2,330,000 |
| Series E, 5.50%, 8/01/25 | 5,500 | 6,809,385 |
| Series E, 5.00%, 8/01/30 | 2,000 | 2,315,040 |
| City of New York New York, GO: | | |
| Series A-1, 5.00%, 8/01/35 | 2,350 | 2,642,222 |
| Sub-Series D-1, 5.00%, 10/01/33 | 4,175 | 4,735,494 |
| Sub-Series D-1, Fiscal 2014, 5.00%, 8/01/31 | 945 | 1,103,902 |
| City of New York New York Convention Center Development Corp., RB, CAB, Sub Lien, Hotel Unit Fee, Series B (a): | | |
| 0.00%, 11/15/46 | 3,000 | 916,440 |
| (AGM), 0.00%, 11/15/55 | 2,485 | 530,871 |
| (AGM), 0.00%, 11/15/56 | 3,765 | 772,653 |
| City of New York New York Convention Center Development Corp., Refunding RB, Hotel Unit Fee Secured: | | |
| 5.00%, 11/15/40 | 5,000 | 5,766,100 |
| 5.00%, 11/15/45 | 12,215 | 14,056,900 |
| | Par | |
| | (000) | Value |
| Municipal Bonds | | |
| New York (continued) | | |
| County/City/Special District/School District (continued) | | |
| City of New York New York Industrial Development Agency, RB, PILOT: | | |
| CAB, Yankee Stadium Project, Series A (AGC), 0.00%, 3/01/39 (a) | \$ 1,380 | \$ 607,780 |
| Queens Baseball Stadium (AGC), 6.38%, 1/01/39 | 800 | 866,976 |
| Queens Baseball Stadium (AMBAC), 5.00%, 1/01/31 | 3,500 | 3,508,365 |
| Queens Baseball Stadium (AMBAC), 5.00%, 1/01/36 | 6,150 | 6,164,698 |
| Yankee Stadium Project (NPFGC), 5.00%, 3/01/36 | 2,200 | 2,232,648 |
| Yankee Stadium Project (NPFGC), 5.00%, 3/01/46 | 9,500 | 9,556,810 |
| County of Nassau New York, GO: | | |
| Series A, 5.00%, 1/15/31 | 1,400 | 1,665,986 |
| Series B, 5.00%, 10/01/30 | 1,150 | 1,370,547 |
| Hudson Yards Infrastructure Corp., RB, Series A: | | |
| 5.00%, 2/15/47 | 2,685 | 2,694,371 |
| (AGC), 5.00%, 2/15/47 | 7,370 | 7,395,721 |
| (AGC), 5.00%, 2/15/47 | 305 | 306,064 |
| (AGM), 5.00%, 2/15/47 | 7,530 | 7,556,280 |
| (NPFGC), 4.50%, 2/15/47 | 9,905 | 9,935,408 |
| (NPFGC), 5.00%, 2/15/47 | 1,500 | 1,505,235 |
| Hudson Yards Infrastructure Corp., Refunding RB, 2nd Indenture, Series A, 5.00%, 2/15/45 | 3,200 | 3,729,440 |
| New York Liberty Development Corp., Refunding RB: | | |
| 4 World Trade Center Project, 5.00%, 11/15/31 | 1,710 | 1,938,559 |
| 4 World Trade Center Project, 5.00%, 11/15/44 | 4,000 | 4,447,680 |
| 4 World Trade Center Project, 5.75%, 11/15/51 | 1,755 | 2,015,618 |

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| | | |
|---|-------|-------------|
| 7 World Trade Center Project, Class 1, 4.00%, 9/15/35 | 885 | 953,242 |
| 7 World Trade Center Project, Class 2, 5.00%, 9/15/43 | 3,430 | 3,840,948 |
| | | 116,385,640 |
| Education 26.1% | | |
| Albany Capital Resource Corp., Refunding RB, Albany College of Pharmacy and Health Sciences, Series A: | | |
| 5.00%, 12/01/30 | 250 | 284,633 |
| 5.00%, 12/01/32 | 100 | 113,775 |

BLACKROCK MUNIHOLDINGS NEW YORK QUALITY FUND, INC.

MAY 31, 2017

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Schedule of Investments (continued)

BlackRock MuniHoldings New York Quality Fund, Inc. (MHN)

| | Par | |
|--|--------------|--------------|
| | (000) | Value |
| Municipal Bonds | | |
| New York (continued) | | |
| Education (continued) | | |
| Amherst Development Corp., Refunding RB, University at Buffalo Foundation Faculty-Student Housing Corp., Series A (AGM), 4.63%, 10/01/40 | \$ 4,975 | \$ 5,223,800 |
| Build NYC Resource Corp., Refunding RB: | | |
| City University Queens College, Series A, 5.00%, 6/01/43 | 450 | 514,382 |
| New York Law School Project, 5.00%, 7/01/41 | 930 | 1,018,192 |
| New York Law School Project, 4.00%, 7/01/45 | 370 | 374,015 |
| City of New York Albany Capital Resource Corp., Refunding RB, Albany College of Pharmacy and Health Sciences, Series A, 4.00%, 12/01/34 | 110 | 117,339 |
| City of New York New York Trust for Cultural Resources, Refunding RB, Series A: | | |
| American Museum of Natural History, 5.00%, 7/01/37 | 1,775 | 2,070,165 |
| American Museum of Natural History, 5.00%, 7/01/41 | 750 | 850,177 |
| Carnegie Hall, 4.75%, 12/01/39 | 3,150 | 3,379,572 |
| Carnegie Hall, 5.00%, 12/01/39 | 1,850 | 2,000,812 |
| Wildlife Conservation Society, 5.00%, 8/01/42 | 2,840 | 3,253,816 |
| City of Troy New York Capital Resource Corp., Refunding RB, Rensselaer Polytechnic Institute Project, Series A, 5.13%, 9/01/40 | 5,535 | 6,070,954 |
| Counties of Buffalo & Erie New York Industrial Development Agency, RB, City School District of Buffalo Project, Series A, 5.25%, 5/01/31 | 1,000 | 1,135,590 |
| Counties of Buffalo & Erie New York Industrial Development Agency, Refunding RB, City School District of Buffalo Project, 5.00%, 5/01/28 | 2,250 | 2,720,092 |
| | Par | |
| | (000) | Value |
| Municipal Bonds | | |
| New York (continued) | | |
| Education (continued) | | |
| Counties of Buffalo & Erie New York Industrial Land Development Corp., Refunding RB, Buffalo State College Foundation Housing Corp. Project, Series A, 5.38%, 10/01/41 | \$ 1,000 | \$ 1,113,650 |
| County of Dutchess New York Local Development Corp., Refunding RB, Vassar College Project: | | |
| 5.00%, 7/01/42 | 985 | 1,159,049 |
| 4.00%, 7/01/46 | 1,865 | 1,961,439 |
| County of Madison New York Capital Resource Corp., RB, Colgate University Project, Series B: | | |
| 5.00%, 7/01/40 | 685 | 799,792 |
| 5.00%, 7/01/43 | 2,480 | 2,883,868 |
| County of Monroe New York Industrial Development Corp., Refunding RB, University of Rochester Project: | | |
| Series A, 5.00%, 7/01/38 | 1,240 | 1,416,167 |
| Series A, 4.00%, 7/01/39 | 350 | 377,034 |
| Series B, 3.63%, 7/01/36 | 1,140 | 1,185,304 |
| County of Onondaga New York, RB, Syracuse University Project: | | |
| 5.00%, 12/01/29 | 1,135 | 1,288,679 |
| 5.00%, 12/01/36 | 1,100 | 1,244,749 |
| County of Orange New York Funding Corp., Refunding RB, Mount St. Mary College Project, Series A: | | |
| 5.00%, 7/01/37 | 715 | 762,812 |
| 5.00%, 7/01/42 | 445 | 472,844 |
| County of St. Lawrence New York Industrial Development Agency, RB, Clarkson University Project: | | |
| 6.00%, 9/01/34 | 300 | 345,867 |
| 5.38%, 9/01/41 | 125 | 141,503 |
| County of Tompkins New York Development Corp., RB, Ithaca College Project (AGM): | | |
| 5.50%, 7/01/33 | 500 | 558,560 |
| 5.25%, 7/01/36 | 700 | 774,186 |
| County of Tompkins New York Industrial Development Agency, RB, Civic Facility Cornell University Project, Series A, 5.00%, 7/01/37 | 500 | 553,170 |

Schedule of Investments (continued)

BlackRock MuniHoldings New York Quality Fund, Inc. (MHN)

| | Par | |
|---|--------------|--------------|
| | (000) | Value |
| Municipal Bonds | | |
| New York (continued) | | |
| Education (continued) | | |
| Dobbs Ferry Local Development Corp., RB, Mercy College Project, 5.00%, 7/01/39 | \$ 750 | \$ 843,532 |
| State of New York Dormitory Authority, RB: | | |
| Columbia University, Series A-2, 5.00%, 10/01/46 | 1,000 | 1,359,520 |
| Convent of the Sacred Heart (AGM), 5.75%, 11/01/40 | 1,770 | 2,010,260 |
| Fordham University, Series A, 5.00%, 7/01/28 | 175 | 199,841 |
| Fordham University, Series A, 5.50%, 7/01/36 | 1,375 | 1,578,211 |
| General Purpose, Series A, 5.00%, 2/15/36 | 4,500 | 5,122,800 |
| New School (AGM), 5.50%, 7/01/20 (b) | 3,265 | 3,697,188 |
| New York University Mount Sinai School of Medicine, 5.13%, 7/01/19 (b) | 1,000 | 1,085,910 |
| New York University, Series 1 (AMBAC), 5.50%, 7/01/40 | 3,500 | 4,781,665 |
| New York University, Series B, 5.00%, 7/01/19 (b) | 400 | 433,596 |
| New York University, Series B, 5.00%, 7/01/42 | 3,000 | 3,398,760 |
| New York University, Series C, 5.00%, 7/01/18 (b) | 2,000 | 2,089,740 |
| Siena College, 5.13%, 7/01/19 (b) | 1,345 | 1,460,549 |
| State University Dormitory Facilities, Series A, 5.00%, 7/01/35 | 750 | 829,755 |
| State University Dormitory Facilities, Series A, 5.00%, 7/01/40 | 1,500 | 1,650,915 |
| State University Dormitory Facilities, Series A, 5.00%, 7/01/41 | 1,500 | 1,674,660 |
| State of New York Dormitory Authority, Refunding RB: | | |
| 3rd General Resolution, State University Educational Facilities Issue, Series A, 5.00%, 5/15/29 | 1,000 | 1,163,730 |
| Barnard College, Series A, 5.00%, 7/01/34 | 900 | 1,038,105 |
| Barnard College, Series A, 4.00%, 7/01/37 | 510 | 537,361 |
| Barnard College, Series A, 5.00%, 7/01/43 | 1,500 | 1,710,420 |
| | Par | |
| | (000) | Value |
| Municipal Bonds | | |
| New York (continued) | | |
| Education (continued) | | |
| State of New York Dormitory Authority, Refunding RB (continued): | | |
| Cornell University, Series A, 5.00%, 7/01/40 | \$ 1,000 | \$ 1,107,300 |
| Fordham University, 5.00%, 7/01/44 | 1,900 | 2,158,989 |
| Icahn School of Medicine at Mount Sinai, Series A, 5.00%, 7/01/35 | 1,030 | 1,171,326 |
| New York University, Series A, 5.00%, 7/01/31 | 3,000 | 3,480,120 |
| New York University, Series A, 5.00%, 7/01/37 | 4,180 | 4,789,695 |
| Pratt Institute, 5.00%, 7/01/46 | 800 | 912,712 |
| Rochester Institute of Technology, 4.00%, 7/01/31 | 1,300 | 1,403,480 |
| Rochester Institute of Technology, 5.00%, 7/01/42 | 750 | 841,252 |
| St. John's University, Series A, 5.00%, 7/01/37 | 2,005 | 2,292,437 |
| State University Dormitory Facilities, Series A, 5.25%, 7/01/31 | 4,755 | 5,541,097 |
| State University Dormitory Facilities, Series A, 5.25%, 7/01/32 | 6,435 | 7,467,174 |
| State University Dormitory Facilities, Series A, 5.00%, 7/01/42 | 1,490 | 1,688,051 |
| State University Dormitory Facilities, Series A, 5.00%, 7/01/42 | 1,435 | 1,687,187 |
| State University Dormitory Facilities, Series A, 5.00%, 7/01/46 | 440 | 515,236 |
| State University Dormitory Facilities, Series B, 5.00%, 7/01/32 | 500 | 587,765 |
| State University Dormitory Facilities, Series B, 5.00%, 7/01/33 | 860 | 1,006,166 |

BLACKROCK MUNIHOLDINGS NEW YORK QUALITY FUND, INC.

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Schedule of Investments (continued)

BlackRock MuniHoldings New York Quality Fund, Inc. (MHN)

| | Par | |
|---|------------|--------------|
| | (000) | Value |
| Municipal Bonds | | |
| New York (continued) | | |
| Education (continued) | | |
| Town of Hempstead New York Local Development Corp., Refunding RB, Hofstra University Project, 5.00%, 7/01/47 | \$ 1,030 | \$ 1,190,268 |
| | | 120,672,760 |
| Health 12.8% | | |
| City of New York New York Health & Hospital Corp., Refunding RB, Health System, Series A, 5.00%, 2/15/30 | 1,800 | 1,940,364 |
| County of Dutchess New York Industrial Development Agency, RB, Vassar Brothers Medical Center (AGC), 5.50%, 4/01/34 | 500 | 552,735 |
| County of Dutchess New York Local Development Corp., RB, Health Quest Systems, Inc., Series B: | | |
| 3.00%, 7/01/36 | 745 | 678,844 |
| 4.00%, 7/01/41 | 900 | 923,445 |
| County of Monroe New York Industrial Development Corp., RB, Rochester General Hospital Project: | | |
| 4.00%, 12/01/41 | 500 | 511,520 |
| 5.00%, 12/01/46 | 800 | 900,408 |
| Series A, 5.00%, 12/01/37 | 1,180 | 1,296,324 |
| County of Monroe New York Industrial Development Corp., Refunding RB, Unity Hospital of Rochester Project (FHA), 5.50%, 8/15/40 | 5,925 | 6,759,655 |
| County of Suffolk New York EDC, RB, Catholic Health Services, Series C, 5.00%, 7/01/32 | 460 | 510,554 |
| County of Westchester New York Healthcare Corp., Refunding RB, Senior Lien, Remarketing, Series A, 5.00%, 11/01/30 | 1,340 | 1,466,014 |
| State of New York Dormitory Authority, RB: | | |
| General Purpose, Series A, 5.00%, 2/15/42 | 7,500 | 8,770,800 |
| Health System, Series B (AGM), 5.00%, 8/15/18 (b) | 3,480 | 3,653,582 |
| Health System, Series B (AGM), 5.00%, 2/15/33 | 1,020 | 1,066,920 |
| Healthcare, Series A, 5.00%, 3/15/19 (b) | 2,250 | 2,413,553 |
| Hudson Valley Hospital (BHAC) (FHA), 5.00%, 8/15/17 (b) | 5,500 | 5,543,835 |
| | Par | |

| | (000) | Value |
|--|----------|--------------|
| Municipal Bonds | | |
| New York (continued) | | |
| Health (continued) | | |
| State of New York Dormitory Authority, RB (continued): | | |
| New York University Hospitals Center, Series A, 5.75%, 7/01/20 (b) | \$ 2,680 | \$ 3,055,012 |
| New York University Hospitals Center, Series A, 6.00%, 7/01/20 (b) | 1,800 | 2,065,464 |
| North Shore-Long Island Jewish Obligated Group, Series A, 5.50%, 5/01/19 (b) | 1,825 | 1,983,903 |
| North Shore-Long Island Jewish Obligated Group, Series C, 4.25%, 5/01/39 | 1,000 | 1,058,600 |
| North Shore-Long Island Jewish Obligated Group, Series D, 4.25%, 5/01/39 | 685 | 725,141 |
| State of New York Dormitory Authority, Refunding RB, North Shore-Long Island Jewish Obligated Group, Series A: | | |
| 5.00%, 5/01/32 | 2,000 | 2,226,520 |
| 5.00%, 5/01/32 | 2,645 | 3,086,213 |
| 5.25%, 5/01/34 | 7,375 | 8,264,646 |

59,454,052

| | | |
|--|-------|-----------|
| Housing 4.3% | | |
| City of New York New York Housing Development Corp., RB, M/F Housing: | | |
| Fund Grant Program, New York City Housing Authority Program, Series B1, 5.25%, 7/01/32 | 6,505 | 7,500,655 |
| Fund Grant Program, New York City Housing Authority Program, Series B1, 5.00%, 7/01/33 | 1,375 | 1,552,114 |
| Series A-1-A, AMT, 5.00%, 11/01/30 | 750 | 758,843 |
| Series A-1-A, AMT, 5.45%, 11/01/46 | 1,335 | 1,360,218 |
| Series H-2-A, AMT, 5.20%, 11/01/35 | 835 | 845,045 |
| Series H-2-A, AMT, 5.35%, 5/01/41 | 600 | 611,958 |
| Sustainable Neighborhood Bonds, Series C-1-A, 3.40%, 11/01/47 | 2,540 | 2,469,413 |

Schedule of Investments (continued)

BlackRock MuniHoldings New York Quality Fund, Inc. (MHN)

| | Par | |
|---|--------------|--------------|
| | (000) | Value |
| Municipal Bonds | | |
| New York (continued) | | |
| Housing (continued) | | |
| City of New York New York Housing Development Corp., Refunding RB, M/F Housing, 8 Spruce Street, Class F, 4.50%, 2/15/48 | \$ 1,075 | \$ 1,127,256 |
| City of Yonkers New York Industrial Development Agency, RB, Monastery Manor Associates LP Project, Series A, AMT (SONYMA), 5.25%, 4/01/37 | 2,000 | 2,005,500 |
| State of New York HFA, RB, M/F Housing: | | |
| Affordable Series B (Ginnie Mae, Fannie Mae & Freddie Mac), 4.00%, 11/01/42 | 845 | 881,715 |
| St. Philip s Housing, Series A, AMT, 4.65%, 11/15/38 | 1,000 | 1,000,650 |
| | | 20,113,367 |
| State 12.8% | | |
| City of New York New York Transitional Finance Authority, BARB: | | |
| Fiscal 2008, Series S-1, 4.50%, 1/15/38 | 1,510 | 1,537,422 |
| Fiscal 2009, Series S-1 (AGC), 5.50%, 7/15/38 | 4,000 | 4,197,160 |
| Fiscal 2009, Series S-4 (AGC), 5.50%, 1/15/33 | 3,000 | 3,213,330 |
| Fiscal 2009, Series S-4 (AGC), 5.50%, 1/15/39 | 1,250 | 1,338,887 |
| Series S-2 (AGM) (NPFGC), 5.00%, 1/15/37 | 3,750 | 3,783,000 |
| Series S-2 (NPFGC), 4.25%, 1/15/34 | 3,220 | 3,227,052 |
| City of New York New York Transitional Finance Authority Future Tax Secured, RB: | | |
| Sub-Series A-1, 5.00%, 11/01/38 | 950 | 1,104,033 |
| Sub-Series B-1, 5.00%, 11/01/35 | 2,100 | 2,437,302 |
| Sub-Series B-1, 5.00%, 11/01/36 | 1,690 | 1,954,468 |
| Sub-Series B-1, 5.00%, 11/01/38 | 1,455 | 1,700,648 |
| Sub-Series E-1, 5.00%, 2/01/30 | 1,000 | 1,206,520 |
| City of New York New York Transitional Finance Authority Future Tax Secured, Refunding RB, Series C, 5.00%, 11/01/30 | 1,145 | 1,375,214 |
| | Par | |
| | (000) | Value |
| Municipal Bonds | | |
| New York (continued) | | |
| State (continued) | | |
| Metropolitan Transportation Authority, Refunding RB, Dedicated Tax Fund: | | |
| Series B, 5.00%, 11/15/19 (b) | \$ 2,500 | \$ 2,746,925 |
| Sub-Series B-1, 5.00%, 11/15/31 | 4,000 | 4,667,920 |
| Sales Tax Asset Receivable Corp., Refunding RB, Series A, 4.00%, 10/15/32 | 2,070 | 2,282,216 |
| State of New York Dormitory Authority, RB: | | |
| General Purpose, Series B, 5.00%, 3/15/37 | 3,000 | 3,425,190 |
| General Purpose, Series B, 5.00%, 3/15/42 | 4,600 | 5,176,472 |
| Master BOCES Program Lease (AGC), 5.00%, 8/15/28 | 250 | 271,815 |
| School Districts Financing Program, Series C (AGM), 5.00%, 10/01/17 (b) | 2,500 | 2,535,025 |
| Series B, 5.00%, 3/15/37 | 1,500 | 1,765,605 |
| State Personal Income Tax, Series A, 5.00%, 2/15/43 | 495 | 555,642 |
| State of New York Dormitory Authority, Refunding RB, School Districts Financing Program, Series A (AGM), 5.00%, 10/01/18 (b) | 5,000 | 5,274,800 |
| State of New York Thruway Authority, RB, 2nd General Highway & Bridge Trust, Series B, 5.00%, 10/01/17 (b) | 1,000 | 1,013,870 |
| State of New York Urban Development Corp., RB, State Personal Income Tax, Series C, 5.00%, 3/15/32 | 2,000 | 2,349,080 |
| | | 59,139,596 |
| Tobacco 2.3% | | |
| Counties of New York Tobacco Trust VI, Refunding RB, Tobacco Settlement Pass-Through: | | |
| Series A, 5.00%, 6/01/41 | 400 | 432,244 |
| Series B, 5.00%, 6/01/45 | 1,500 | 1,600,980 |
| Series C, 5.00%, 6/01/51 | 765 | 813,600 |
| County of Chautauqua New York Tobacco Asset Securitization Corp., Refunding RB, Asset-Backed, 4.75%, 6/01/39 | 1,875 | 1,908,525 |

BLACKROCK MUNIHOLDINGS NEW YORK QUALITY FUND, INC.

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Schedule of Investments (continued)

BlackRock MuniHoldings New York Quality Fund, Inc. (MHN)

| | Par | |
|---|--------------|--------------|
| | (000) | Value |
| Municipal Bonds | | |
| New York (continued) | | |
| Tobacco (continued) | | |
| County of Niagara New York Tobacco Asset Securitization Corp., Refunding RB, Asset-Backed: 5.25%, 5/15/34 | \$ 1,495 | \$ 1,680,769 |
| 5.25%, 5/15/40 | 1,500 | 1,669,605 |
| Westchester Tobacco Asset Securitization, Refunding RB, Tobacco Settlement Bonds, Sub-Series C, 4.00%, 6/01/42 | 2,510 | 2,537,886 |
| | | 10,643,609 |
| Transportation 33.5% | | |
| Metropolitan Transportation Authority, RB: | | |
| Green Bonds, Series A, 5.00%, 11/15/42 | 3,500 | 4,121,635 |
| Series A, 5.00%, 11/15/27 | 1,000 | 1,153,330 |
| Series A, 5.00%, 11/15/30 | 3,000 | 3,461,490 |
| Series A-1, 5.25%, 11/15/33 | 1,620 | 1,891,415 |
| Series A-1, 5.25%, 11/15/34 | 1,620 | 1,886,150 |
| Series B, 5.25%, 11/15/44 | 1,000 | 1,159,330 |
| Series C, 6.50%, 11/15/28 | 1,155 | 1,249,260 |
| Series D, 5.25%, 11/15/41 | 2,000 | 2,275,880 |
| Series E, 5.00%, 11/15/38 | 8,750 | 9,896,075 |
| Series E, 5.00%, 11/15/43 | 1,000 | 1,125,940 |
| Sub-Series B, 5.00%, 11/15/25 | 1,000 | 1,198,670 |
| Metropolitan Transportation Authority, Refunding RB: | | |
| Green Bond, Climate Bond Certified, Sub-Series B-2, 3.13%, 11/15/33 | 870 | 877,665 |
| Green Bond, Climate Bond Certified, Sub-Series B-2, 4.00%, 11/15/34 | 2,500 | 2,729,950 |
| Green Bonds, Series A-1, 5.25%, 11/15/56 | 1,830 | 2,115,260 |
| Series D, 5.00%, 11/15/30 | 885 | 1,031,282 |
| Metropolitan Transportation Authority Hudson Rail Yards Trust Obligations, Refunding RB, Series A: | | |
| 5.00%, 11/15/56 | 5,410 | 5,966,743 |
| 5.00%, 11/15/51 | 470 | 511,167 |
| New York Liberty Development Corp., RB, 1 World Trade Center Port Authority Consolidated, 5.25%, 12/15/43 | 11,500 | 13,092,405 |
| | Par | |
| | (000) | Value |
| Municipal Bonds | | |
| New York (continued) | | |
| Transportation (continued) | | |
| New York Transportation Development Corp., ARB, LaGuardia Airport Terminal B Redevelopment Project, Series A, AMT: | | |
| 5.00%, 7/01/46 | \$ 5,600 | \$ 6,104,448 |
| 5.25%, 1/01/50 | 5,300 | 5,832,226 |
| (AGM), 4.00%, 7/01/41 | 1,250 | 1,280,988 |
| Niagara Falls Bridge Commission, Refunding RB, Toll Bridge System, Series A (AGC), 4.00%, 10/01/19 | 1,015 | 1,052,382 |
| Port Authority of New York & New Jersey, ARB: | | |
| Consolidated, 163rd Series, 5.00%, 7/15/35 | 2,500 | 2,751,825 |
| Consolidated, 183rd Series, 4.00%, 6/15/44 | 1,500 | 1,582,830 |
| Special Project, JFK International Air Terminal LLC Project, Series 6, AMT (NPFGC), 5.90%, 12/01/17 | 2,055 | 2,074,769 |
| Special Project, JFK International Air Terminal LLC Project, Series 6, AMT (NPFGC), 5.75%, 12/01/22 | 19,725 | 19,964,067 |
| Port Authority of New York & New Jersey, Refunding ARB: | | |
| 178th Series, AMT, 5.00%, 12/01/33 | 1,000 | 1,124,220 |
| 179th Series, 5.00%, 12/01/38 | 1,390 | 1,603,601 |
| Consolidated, 147th Series, AMT, 4.75%, 4/15/37 | 2,250 | 2,251,733 |
| Consolidated, 177th Series, AMT, 4.00%, 1/15/43 | 285 | 292,940 |
| Consolidated, 178th Series, AMT, 5.00%, 12/01/43 | 750 | 827,738 |
| Consolidated, 189th Series, 5.00%, 5/01/45 | 1,305 | 1,496,587 |
| Consolidated, 195th Series, AMT, 5.00%, 4/01/36 | 1,400 | 1,615,320 |

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| | | |
|--|-------|-----------|
| Consolidated, 200th Series, 5.00%, 4/15/57 | 1,000 | 1,147,520 |
| State of New York Thruway Authority, RB, Junior Lien, Series A, 5.25%, 1/01/56 | 3,880 | 4,485,008 |
| State of New York Thruway Authority, Refunding RB, General: | | |
| Series I, 5.00%, 1/01/37 | 4,245 | 4,803,982 |
| Series I, 5.00%, 1/01/42 | 4,270 | 4,814,297 |
| Series J, 5.00%, 1/01/41 | 5,000 | 5,621,850 |
| Series K, 5.00%, 1/01/29 | 1,750 | 2,074,380 |

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BLACKROCK MUNIHOLDINGS NEW YORK QUALITY FUND, INC.

MAY 31, 2017

Schedule of Investments (continued)

BlackRock MuniHoldings New York Quality Fund, Inc. (MHN)

| | Par | |
|---|------------|--------------------|
| | (000) | Value |
| Municipal Bonds | | |
| New York (continued) | | |
| Transportation (continued) | | |
| State of New York Thruway Authority, Refunding RB, General (continued): | | |
| Series K, 5.00%, 1/01/31 | \$ 1,000 | \$ 1,168,690 |
| Series K, 5.00%, 1/01/32 | 1,000 | 1,163,450 |
| Triborough Bridge & Tunnel Authority, RB, Series B: | | |
| 5.00%, 11/15/40 | 940 | 1,097,046 |
| 5.00%, 11/15/45 | 820 | 951,626 |
| Triborough Bridge & Tunnel Authority, Refunding RB: | | |
| General, CAB, Series B, 0.00%, 11/15/32 (a) | 7,670 | 4,688,594 |
| General, Remarketing, Series A, 5.00%, 11/15/36 | 1,000 | 1,136,580 |
| General, Series A, 5.00%, 11/15/41 | 5,000 | 5,865,900 |
| General, Series A, 5.25%, 11/15/45 | 1,280 | 1,507,238 |
| General, Series A, 5.00%, 11/15/50 | 3,000 | 3,442,380 |
| General, Series C, 5.00%, 11/15/18 (b) | 855 | 905,992 |
| General, Series C, 5.00%, 11/15/38 | 530 | 559,378 |
| Sub-Series A, 5.00%, 11/15/28 | 2,500 | 2,929,450 |
| Sub-Series A, 5.00%, 11/15/29 | 875 | 1,019,016 |
| | | 154,981,698 |
| Utilities 15.0% | | |
| City of New York New York Municipal Water Finance Authority, RB, Water & Sewer System, 2nd General Resolution, Fiscal 2017, Series DD, 5.25%, 6/15/47 | | |
| | 2,455 | 2,946,319 |
| City of New York New York Municipal Water Finance Authority, Refunding RB, Water & Sewer System, 2nd General Resolution: | | |
| Fiscal 2010, Series FF, 5.00%, 6/15/31 | 1,500 | 1,666,260 |
| Fiscal 2011, Series BB, 5.00%, 6/15/31 | 1,000 | 1,110,840 |
| Fiscal 2011, Series GG, 5.00%, 6/15/43 | 2,070 | 2,308,857 |
| Fiscal 2015, Series HH, 5.00%, 6/15/39 | 2,250 | 2,621,700 |
| Series DD, 5.00%, 6/15/32 | 3,750 | 3,906,188 |
| | Par | |
| Municipal Bonds | | |
| New York (continued) | | |
| Utilities (continued) | | |
| City of New York New York Water & Sewer System, RB, Series DD, 5.00%, 6/15/47 | \$ 3,785 | \$ 4,422,545 |
| Long Island Power Authority, RB, General, Electric Systems, Series A (AGM), 5.00%, 5/01/36 | 2,375 | 2,640,216 |
| Long Island Power Authority, Refunding RB: | | |
| Electric System, Series B, 5.00%, 9/01/41 | 475 | 546,250 |
| Electric System, Series B, 5.00%, 9/01/46 | 2,195 | 2,516,655 |
| Electric Systems, Series A (AGC), 5.75%, 4/01/39 | 1,000 | 1,078,880 |
| General, Electric Systems, Series A (AGC), 6.00%, 5/01/19 (b) | 1,500 | 1,643,625 |
| State of New York Environmental Facilities Corp., RB, Series B, Revolving Funds, Green Bonds, 5.00%, 9/15/40 | 3,170 | 3,722,721 |
| State of New York Environmental Facilities Corp., Refunding RB: | | |
| Series A, 5.00%, 6/15/40 | 1,545 | 1,822,235 |
| Series A, 5.00%, 6/15/45 | 7,935 | 9,227,136 |
| SRF, New York City Municipal Water, Series B, 5.00%, 6/15/36 | 3,200 | 3,627,776 |
| State of New York Power Authority, Refunding RB, Series A, 5.00%, 11/15/38 | 2,580 | 2,924,843 |
| Utility Debt Securitization Authority, Refunding RB, Restructuring: | | |
| 3.00%, 12/15/32 | 1,415 | 1,453,403 |
| Series E, 5.00%, 12/15/41 | 15,490 | 17,934,012 |
| Western Nassau County Water Authority, RB, Series A, 5.00%, 4/01/40 | 1,065 | 1,206,315 |
| | | 69,326,776 |
| Total Municipal Bonds in New York | | 621,277,923 |

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Guam 0.3%

Utilities 0.3%

| | | |
|---|-------|-----------|
| Guam Power Authority, RB, Series A (AGM), 5.00%, 10/01/37 | 1,175 | 1,288,482 |
|---|-------|-----------|

BLACKROCK MUNIHOLDINGS NEW YORK QUALITY FUND, INC.

MAY 31, 2017

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Schedule of Investments (continued)

BlackRock MuniHoldings New York Quality Fund, Inc. (MHN)

| | Par | |
|---|----------|--------------|
| | (000) | Value |
| Municipal Bonds | | |
| Puerto Rico 0.7% | | |
| Housing 0.7% | | |
| Puerto Rico Housing Finance Authority, Refunding RB, M/F Housing, Subordinate, Capital Fund Modernization, 5.13%, 12/01/27 | \$ 3,300 | \$ 3,464,175 |
| Total Municipal Bonds - 135.3% | | 626,030,580 |
| | | |
| Municipal Bonds Transferred to Tender Option Bond Trusts (c) | | |
| New York 31.7% | | |
| County/City/Special District/School District 6.2% | | |
| City of New York New York, GO, Refunding, Series E, 5.00%, 8/01/29 | 2,000 | 2,436,420 |
| City of New York New York, GO: Sub-Series C-3 (AGC), 5.75%, 2/15/19 (b) | 636 | 687,942 |
| Sub-Series C-3 (AGC), 5.75%, 8/15/28 | 9,364 | 10,128,758 |
| Sub-Series I-1, 5.00%, 3/01/36 | 2,500 | 2,867,500 |
| City of New York New York Convention Center Development Corp., Refunding RB, Hotel Unit Fee Secured, 5.00%, 11/15/32 | 2,500 | 2,944,475 |
| Hudson Yards Infrastructure Corp., RB, Fiscal 2012, Series A, 5.75%, 2/15/47 (d) | 5,999 | 6,835,542 |
| New York Liberty Development Corp., Refunding RB, 7 World Trade Center Project, Class 1, 5.00%, 9/15/40 | 2,610 | 2,969,632 |
| | | 28,870,269 |
| Education 6.4% | | |
| City of New York New York Trust for Cultural Resources, Refunding RB, Wildlife Conservation Society, Series A, 5.00%, 8/01/33 | 1,981 | 2,305,661 |
| | | |
| Municipal Bonds Transferred to Tender Option Bond Trusts (c) | | |
| New York (continued) | | |
| Education (continued) | | |
| State of New York Dormitory Authority, LRB, State University Dormitory Facilities, New York University: 5.00%, 7/01/35 | \$ 4,448 | \$ 5,001,335 |
| 5.25%, 7/01/19 (b) | 5,000 | 5,447,850 |
| State of New York Dormitory Authority, RB, Series A: 5.00%, 7/01/18 (b) | 5,498 | 5,745,135 |
| 5.00%, 3/15/44 | 4,858 | 5,556,640 |
| State of New York Dormitory Authority, Refunding RB, Series E, 5.25%, 3/15/33 | 4,500 | 5,428,575 |
| | | 29,485,196 |
| State 7.1% | | |
| City of New York New York Transitional Finance Authority, RB, Future Tax Secured, Sub-Series D-1, 5.00%, 11/01/38 | 1,650 | 1,856,349 |
| Sales Tax Asset Receivable Corp., Refunding RB, Fiscal 2015, Series A: 5.00%, 10/15/31 | 7,380 | 8,845,668 |
| 4.00%, 10/15/32 | 6,000 | 6,615,120 |
| State of New York Dormitory Authority, ERB, Series B, 5.75%, 3/15/36 | 5,000 | 5,417,150 |
| State of New York Dormitory Authority, RB, Series C: General Purpose, 5.00%, 3/15/41 | 2,500 | 2,763,800 |
| Mental Health Services Facilities, AMT (AGM), 5.40%, 2/15/33 | 5,458 | 5,719,248 |
| State of New York Urban Development Corp., Refunding RB, State Personal Income Tax, Series A, 5.00%, 3/15/45 | 1,471 | 1,705,156 |
| | | 32,922,491 |
| Transportation 7.2% | | |
| Port Authority of New York & New Jersey, ARB, Consolidated, 169th Series, AMT, 5.00%, 10/15/25 | 8,005 | 9,105,995 |

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Port Authority of New York & New Jersey, Refunding ARB, 194th Series, 5.25%, 10/15/55

3,405

3,965,327

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BLACKROCK MUNIHOLDINGS NEW YORK QUALITY FUND, INC.

MAY 31, 2017

Schedule of Investments (continued)

BlackRock MuniHoldings New York Quality Fund, Inc. (MHN)

| | Par | |
|---|---------------|----------------|
| | (000) | Value |
| Municipal Bonds Transferred to Tender Option Bond Trusts (c) | | |
| New York (continued) | | |
| Transportation (continued) | | |
| State of New York Thruway Authority, Refunding RB, General, Series H (AGM), 5.00%, 1/01/37 | \$ 8,500 | \$ 8,691,165 |
| Triborough Bridge & Tunnel Authority, Refunding RB, Series A, 5.00%, 11/15/46 | 10,000 | 11,688,700 |
| | | 33,451,187 |
| Utilities 4.8% | | |
| City of New York New York Municipal Water Finance Authority, RB, Water & Sewer System, Fiscal 2009, Series A: | | |
| 5.75%, 6/15/18 | 921 | 968,346 |
| 5.75%, 6/15/40 (b) | 3,082 | 3,238,580 |
| City of New York New York Municipal Water Finance Authority, Refunding RB, Water & Sewer System, 2nd General Resolution: | | |
| Fiscal 2011, Series HH, 5.00%, 6/15/32 | 7,151 | 8,077,268 |
| Series FF-2, 5.50%, 6/15/40 | 2,400 | 2,609,376 |
| New York State Environmental Facilities Corp., RB, Subordinated SRF Bonds, 4.00%, 6/15/46 | 601 | 644,859 |
| Utility Debt Securitization Authority, Refunding RB, Restructuring: | | |
| 5.00%, 12/15/36 | 3,003 | 3,561,763 |
| Series B, 4.00%, 12/15/35 | 2,600 | 2,843,256 |
| | | 21,943,448 |
| Total Municipal Bonds Transferred to Tender Option Bond Trusts 31.7% | | 146,672,591 |
| Total Long-Term Investments (Cost \$725,369,375) 167.0% | | 772,703,171 |
| Short-Term Securities | Shares | Value |
| BlackRock Liquidity Funds, MuniCash, Institutional Class, 0.60% (e)(f) | 250,081 | \$ 250,131 |
| Total Short-Term Securities (Cost \$250,106) 0.1% | | 250,131 |
| Total Investments (Cost \$725,619,481*) 167.1% | | 772,953,302 |
| Other Assets Less Liabilities 1.6% | | 7,310,251 |
| Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (16.1)% | | (74,423,189) |
| VRDP Shares, at Liquidation Value, Net of Deferred Offering Costs (52.6)% | | (243,227,949) |
| Net Assets Applicable to Common Shares 100.0% | | \$ 462,612,415 |

* As of May 31, 2017, gross unrealized appreciation and depreciation based on cost for U.S. federal income tax purposes were as follows:

| | |
|-------------------------------|----------------|
| Tax cost | \$ 648,887,179 |
| Gross unrealized appreciation | \$ 49,808,937 |
| Gross unrealized depreciation | |
| Net unrealized appreciation | \$ 49,808,937 |

Schedule of Investments (continued)

BlackRock MuniHoldings New York Quality Fund, Inc. (MHN)

Notes to Schedule of Investments

- (a) Zero-coupon bond.
- (b) U.S. Government securities, held in escrow, are used to pay interest on this security, as well as to retire the bond in full at the date indicated, typically at a premium to par.
- (c) Represent bonds transferred to a TOB Trust in exchange of cash and residual certificates received by the Trust. These bonds serve as collateral in a secured borrowing.
- (d) All or a portion of security is subject to a recourse agreement. The aggregate maximum potential amount the Trust could ultimately be required to pay under the agreements, which expire between September 6, 2018 to February 15, 2019, is \$8,472,762.
- (e) During the period ended May 31, 2017, investments in issuers considered to be affiliates of the Trust for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

| | Shares Held | | Shares Held | | Net Realized Gain ¹ | Change in Unrealized Appreciation (Depreciation) |
|---|-----------------------|-----------------|--------------------|--------------------------|--------------------------------------|---|
| | at August 31, 2016 | Net Activity | at May 31, 2017 | Value at May 31, 2017 | | |
| Affiliate | | | | | | |
| BlackRock Liquidity Funds, MuniCash, Institutional Class | 5,404,267 | (5,154,186) | 250,081 | \$ 250,131 | \$ 11,274 | \$ 5,667 |
| | | | | | | \$ 25 |

¹ Includes net capital gain distributions.

- (f) Current yield as of period end.

For Trust compliance purposes, the Trust's sector classifications refer to one or more of the sector sub-classifications used by one or more widely recognized market indexes or rating group indexes, and/or as defined by the investment adviser. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Derivative Financial Instruments Outstanding as of Period End

Futures Contracts

| Contracts | Issue | Expiration | Notional Value | Unrealized Depreciation |
|---------------|----------------------------|----------------|----------------|----------------------------|
| Short (91) | 5-Year U.S. Treasury Note | September 2017 | \$ 10,766,438 | \$ (15,898) |
| (200) | 10-Year U.S. Treasury Note | September 2017 | \$ 25,259,375 | (76,014) |

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| | | | | |
|--------------|--------------------------|----------------|---------------|--------------|
| (138) | Long U.S. Treasury Bond | September 2017 | \$ 21,226,125 | (172,693) |
| (40) | Ultra U.S. Treasury Bond | September 2017 | \$ 6,605,000 | (79,330) |
| Total | | | | \$ (343,935) |

Portfolio Abbreviations

| | |
|--------------|---|
| AGC | Assured Guarantee Corp. |
| AGM | Assured Guaranty Municipal Corp. |
| AMBAC | American Municipal Bond Assurance Corp. |
| AMT | Alternative Minimum Tax (subject to) |
| ARB | Airport Revenue Bonds |
| BARB | Building Aid Revenue Bonds |
| BHAC | Berkshire Hathaway Assurance Corp. |
| BOCES | Board of Cooperative Educational Services |
| CAB | Capital Appreciation Bonds |
| EDC | Economic Development Corp. |

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Schedule of Investments (continued)

BlackRock MuniHoldings New York Quality Fund, Inc. (MHN)

| | |
|---------------|---|
| ERB | Education Revenue Bonds |
| FHA | Federal Housing Administration |
| GO | General Obligation Bonds |
| HFA | Housing Finance Agency |
| LRB | Lease Revenue Bonds |
| M/F | Multi-Family |
| NPFGC | National Public Finance Guarantee Corp. |
| PILOT | Payment in Lieu of Taxes |
| RB | Revenue Bonds |
| SONYMA | State of New York Mortgage Agency |
| SRF | State Revolving Fund |

Fair Value Hierarchy as of Period End

Various inputs are used in determining the fair value of investments and derivative financial instruments. These inputs to valuation techniques are categorized into a fair value hierarchy consisting of three broad levels for financial reporting purposes as follows:

Level 1 unadjusted price quotations in active markets/exchanges for identical assets or liabilities that the Trust has the ability to access

Level 2 other observable inputs (including, but not limited to, quoted prices for similar assets or liabilities in markets that are active, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable for the assets or liabilities (such as interest rates, yield curves, volatilities, prepayment speeds, loss severities, credit risks and default rates) or other market corroborated inputs)

Level 3 unobservable inputs based on the best information available in the circumstances, to the extent observable inputs are not available (including the Trust's own assumptions used in determining the fair value of investments and derivative financial instruments)

The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). Accordingly, the degree of judgment exercised in determining fair value is greatest for instruments categorized in Level 3. The inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, for disclosure purposes, the fair value hierarchy classification is determined based on the lowest level input that is significant to the fair value measurement in its entirety. Investments classified within Level 3 have significant unobservable inputs used by the BlackRock Global Valuation Methodologies Committee (the Global Valuation Committee) in determining the price for Fair Valued Investments. Level 3 investments include equity or debt issued by privately held companies or funds. There may not be a secondary market, and/or there are a limited number of investors. Level 3 investments may also be adjusted to reflect illiquidity and/or non-transferability, with the amount of such discount estimated by the Global Valuation Committee in the absence of market information.

Changes in valuation techniques may result in transfers into or out of an assigned level within the hierarchy. In accordance with the Trust's policy, transfers between different levels of the fair value hierarchy are deemed to have occurred as of the beginning of the reporting period. The categorization of a value determined for investments and derivative financial instruments is based on the pricing transparency of the investments and derivative financial instruments and is not necessarily an indication of the risks associated with investing in those securities. For information about the Trust's policy regarding valuation of investments and derivative financial instruments, refer to the Trust's most recent financial statements as contained in its semi-annual report.

The following tables summarize the Trust's investments and derivative financial instruments categorized in the disclosure hierarchy:

| | Level 1 | Level 2 | Level 3 | Total |
|------------------------------------|------------|----------------|---------|----------------|
| Assets: | | | | |
| Investments: | | | | |
| Long-Term Investments ¹ | | \$ 772,703,171 | | \$ 772,703,171 |
| Short-Term Investments | \$ 250,131 | | | 250,131 |

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| | | | |
|--------------|------------|----------------|----------------|
| Total | \$ 250,131 | \$ 772,703,171 | \$ 772,953,302 |
|--------------|------------|----------------|----------------|

BLACKROCK MUNIHOLDINGS NEW YORK QUALITY FUND, INC.

MAY 31, 2017

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Schedule of Investments (concluded)

BlackRock MuniHoldings New York Quality Fund, Inc. (MHN)

| | Level 1 | Level 2 | Level 3 | Total |
|---|--------------|---------|---------|--------------|
| Derivative Financial Instruments ² | | | | |
| Liabilities: | | | | |
| Interest rate contracts | \$ (343,935) | | | \$ (343,935) |

¹ See above Schedule of Investments for values in each sector.

² Derivative financial instruments are futures contracts which are valued at the unrealized appreciation (depreciation) on the instrument.

The Trust may hold assets and/or liabilities in which the fair value approximates the carrying amount for financial reporting purposes. As of period end, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

| | Level 1 | Level 2 | Level 3 | Total |
|----------------------------------|---------|------------------|---------|------------------|
| Liabilities: | | | | |
| TOB Trust Certificates | | \$ (74,257,186) | | \$ (74,257,186) |
| VRDP Shares at Liquidation Value | | (243,600,000) | | (243,600,000) |
| Total | | \$ (317,857,186) | | \$ (317,857,186) |

During the period ended May 31, 2017, there were no transfers between levels.

Item 2 Controls and Procedures

2(a) The registrant's principal executive and principal financial officers, or persons performing similar functions, have concluded that the registrant's disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended (the 1940 Act)) are effective as of a date within 90 days of the filing of this report based on the evaluation of these controls and procedures required by Rule 30a-3(b) under the 1940 Act and Rule 13a-15(b) under the Securities Exchange Act of 1934, as amended.

2(b) There were no changes in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the 1940 Act) 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

Certifications Attached hereto

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.

BlackRock MuniHoldings New York Quality Fund, Inc.

By: /s/ John M. Perlowski
John M. Perlowski
Chief Executive Officer (principal executive officer) of
BlackRock MuniHoldings New York Quality Fund, Inc.
Date: July 24, 2017

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/ John M. Perlowski
John M. Perlowski
Chief Executive Officer (principal executive officer) of
BlackRock MuniHoldings New York Quality Fund, Inc.
Date: July 24, 2017

By: /s/ Neal J. Andrews
Neal J. Andrews
Chief Financial Officer (principal financial officer) of
BlackRock MuniHoldings New York Quality Fund, Inc.
Date: July 24, 2017