

BLACKROCK MUNIHOLDINGS NEW YORK INSURED FUND, INC.

Form N-Q

July 27, 2007

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 811-8217

Name of Fund: BlackRock MuniHoldings New York Insured Fund, Inc.

Fund Address: P.O. Box 9011  
Princeton, NJ 08543-9011

Name and address of agent for service: Robert C. Doll, Jr., Chief Executive  
Officer, BlackRock MuniHoldings New York Insured Fund, Inc., 800 Scudders  
Mill Road, Plainsboro, NJ 08536. Mailing address: P.O. Box 9011,  
Princeton, NJ 08543-9011

Registrant's telephone number, including area code: (609) 282-2800

Date of fiscal year end: 08/31/2007

Date of reporting period: 03/01/07 - 05/31/07

Item 1 - Schedule of Investments

BlackRock MuniHoldings New York Insured Fund, Inc.

Schedule of Investments as of May 31, 2007 (unaudited) (in Thousands)

|                   | Face<br>Amount | Municipal Bonds  |
|-------------------|----------------|--|
| New York - 142.0% | \$ 1,500       | Albany County, New York, Airport Authority, Airport Revenue Bond due 12/15/2017 (g)  |
|                   | 1,500          | Albany County, New York, Airport Authority, Airport Revenue Bond due 12/15/2019 (g)  |
|                   | 5,200          | Albany County, New York, Airport Authority, Airport Revenue Bond due 12/15/2023 (g) (q)  |
|                   | 3,375          | Albany, New York, IDA, Civic Facility Revenue Bonds (The University Association-Albany Law School), Series A, 6.75% due 12/01/2029 (e) (j) |
|                   | 1,000          | Albany, New York, Municipal Water Finance Authority, Water and Sewer Refunding Bonds, Series A, 6.375% due 12/01/2009 (e) (j)              |
|                   | 2,000          | Buffalo, New York, GO, Series D, 6% due 12/01/2009 (g) (j)   |

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|       |  |
|-------|--|
| 1,025 | Erie County, New York, GO, Public Improvement, Series A, 5.75% d                                 |
| 2,500 | Erie County, New York, IDA, School Facility Revenue Bonds (City 5.75% due 5/01/2019 (g)          |
| 5,150 | Erie County, New York, IDA, School Facility Revenue Bonds (City 5.75% due 5/01/2024 (g)          |
| 9,000 | Hudson Yards Infrastructure Corporation, New York, Revenue Bonds due 2/15/2047 (i)               |
| 3,000 | Long Island Power Authority, New York, Electric System Revenue B due 9/01/2029 (a)               |
| 5,950 | Long Island Power Authority, New York, Electric System Revenue B due 9/01/2034 (a)               |
| 1,000 | Long Island Power Authority, New York, Electric System Revenue R Series B, 5% due 12/01/2035 (c) |

Portfolio Abbreviations

To simplify the listings of BlackRock MuniHoldings New York Insured Fund, Inc.'s portfolio holdings in the Schedule of Investments, we have abbreviated the names of many of the securities according to the list below.

|         |  |
|---------|--|
| AMT     | Alternative Minimum Tax (subject to)   |
| COP     | Certificates of Participation          |
| DRIVERS | Derivative Inverse Tax-Exempt Receipts |
| GO      | General Obligation Bonds               |
| HFA     | Housing Finance Agency                 |
| IDA     | Industrial Development Authority       |
| IDR     | Industrial Development Revenue Bonds   |
| M/F     | Multi-Family                           |
| PCR     | Pollution Control Revenue Bonds        |
| PILOT   | Payment in Lieu of Taxes               |
| VRDN    | Variable Rate Demand Notes             |

BlackRock MuniHoldings New York Insured Fund, Inc.

Schedule of Investments as of May 31, 2007

(in Thousands)

| Face Amount | Municipal Bonds   |
|-------------|---|
| \$ 6,250    | Long Island Power Authority, New York, Electric System Revenue R Series F, 4.25% due 5/01/2033 (i)        |
| 3,750       | Madison County, New York, IDA, Civic Facility Revenue Bonds (Col Project), Series A, 5% due 7/01/2035 (a) |
| 5,000       | Metropolitan Transportation Authority, New York, Dedicated Tax F Series A, 5% due 11/15/2011 (e) (j)      |
| 8,000       | Metropolitan Transportation Authority, New York, Dedicated Tax F  |

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| Series A, 5% due 11/15/2035 (i) |   |
|---------------------------------|---|
| 14,515                          | Metropolitan Transportation Authority, New York, Revenue Refunding Bonds, Series A, 5% due 11/15/2030 (g)                     |
| 2,500                           | Metropolitan Transportation Authority, New York, Revenue Refunding Bonds, Series A, 5.25% due 11/15/2031 (e)                  |
| 29,000                          | Metropolitan Transportation Authority, New York, Revenue Refunding Bonds, Series A, 5.75% due 11/15/2032 (g)                  |
| 1,500                           | Metropolitan Transportation Authority, New York, Revenue Refunding Bonds, Series A, 5% due 11/15/2028 (i)                     |
| 3,500                           | Metropolitan Transportation Authority, New York, Service Contract Bonds, Series A, 5% due 7/01/2021 (e)                       |
| 2,000                           | Metropolitan Transportation Authority, New York, Service Contract Bonds, Series A, 5% due 7/01/2025 (e)                       |
| 2,535                           | Metropolitan Transportation Authority, New York, Transit Facility Bonds, Series C, 4.75% due 7/01/2012 (g) (j)                |
| 1,000                           | Metropolitan Transportation Authority, New York, Transit Facility Bonds, Series C-1, 5.50% due 7/01/2008 (i) (j)              |
| 2,500                           | Metropolitan Transportation Authority, New York, Transportation Bonds, Series A, 5% due 11/15/2032 (e)                        |
| 6,300                           | Metropolitan Transportation Authority, New York, Transportation Bonds, Series F, 5.25% due 11/15/2012 (i) (j)                 |
| 4,210                           | Nassau Health Care Corporation, New York, Health System Revenue Bonds, Series A, 5.25% due 8/01/2009 (g) (j)                  |
| 2,000                           | New York City, New York, City Health and Hospital Corporation, Health System Revenue Bonds, Series A, 5.25% due 2/15/2017 (i) |
| 1,250                           | New York City, New York, City Housing Development Corporation, Municipal Bonds, AMT, Series C, 5% due 11/01/2026              |
| 2,000                           | New York City, New York, City Housing Development Corporation, Municipal Bonds, AMT, Series C, 5.05% due 11/01/2036           |

BlackRock MuniHoldings New York Insured Fund, Inc.

Schedule of Investments as of May 31, 2007

(in Thousands)

| Face Amount | Municipal Bonds   |
|-------------|---|
| \$ 1,000    | New York City, New York, City Housing Development Corporation, Municipal Bonds, AMT, Series H-1, 4.70% due 11/01/2040 |
| 2,340       | New York City, New York, City Housing Development Corporation, Municipal Bonds, AMT, Series C, 5.05% due 11/01/2036   |

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|        |  |
|--------|--|
|        | Bonds, AMT, Series H-2, 5.125% due 11/01/2034  |
| 2,180  | New York City, New York, City Housing Development Corporation, M Bonds, AMT, Series J-2-A, 4.85% due 11/01/2040                    |
| 885    | New York City, New York, City IDA, Civic Facility Revenue Bonds (League Foundation), Series A, 5.50% due 6/01/2022 (i)             |
| 1,200  | New York City, New York, City IDA, Civic Facility Revenue Refund (Nightingale-Bamford School), 5.25% due 1/15/2017 (a)             |
| 11,805 | New York City, New York, City IDA, IDR (Japan Airlines Company), 6% due 11/01/2015 (g)   |
| 7,965  | New York City, New York, City IDA, Parking Facility Revenue Bond (Royal Charter-New York Presbyterian), 5.75% due 12/15/2029 (g)   |
| 4,000  | New York City, New York, City IDA, PILOT Revenue Bonds (Queens B Project), 5% due 1/01/2031 (a)                                    |
| 13,140 | New York City, New York, City IDA, PILOT Revenue Bonds (Queens B Project), 5% due 1/01/2036 (a)                                    |
| 14,750 | New York City, New York, City IDA, PILOT Revenue Bonds (Yankee S 5% due 3/01/2036 (i)  |
| 1,500  | New York City, New York, City IDA, Special Facility Revenue Refu (Terminal One Group Association Project), AMT, 5.50% due 1/01/20  |
| 6,720  | New York City, New York, City Municipal Financing Authority, Wat Systems Revenue Bonds, 5% due 6/15/2036 (i)                       |
| 1,000  | New York City, New York, City Municipal Financing Authority, Wat Systems Revenue Bonds, Series A, 4.25% due 6/15/2033              |
| 7,100  | New York City, New York, City Municipal Financing Authority, Wat Systems Revenue Bonds, Series A, 4.25% due 6/15/2039 (g)          |
| 500    | New York City, New York, City Municipal Water Finance Authority, Sewer System, Crossover Revenue Refunding Bonds, Series F, 5% du  |
| 8,500  | New York City, New York, City Municipal Water Finance Authority, Sewer System Revenue Bonds, Series B, 5.75% due 6/15/2007 (i) (j) |
| 1,250  | New York City, New York, City Municipal Water Finance Authority, System, Revenue Refunding Bonds, Series A, 5.125% due 6/15/2034   |
| 5,500  | New York City, New York, City Municipal Water Finance Authority, System, Revenue Refunding Bonds, Series A, 5% due 6/15/2035 (a)   |

BlackRock MuniHoldings New York Insured Fund, Inc.

Schedule of Investments as of May 31, 2007

(in Thousands)

Face  
Amount Municipal Bonds

|          |  |
|----------|--|
| \$ 1,250 | New York City, New York, City Municipal Water Finance Authority, System, Revenue Refunding Bonds, Series C, 5% due 6/15/2035 (i)         |
| 5,500    | New York City, New York, City Municipal Water Finance Authority, System Revenue Refunding Bonds, VRDN, Series A, 3.80% due 6/15/2035 (i) |
| 200      | New York City, New York, City Municipal Water Finance Authority, System Revenue Refunding Bonds, VRDN, Series G, 3.80% due 6/15/2035 (i) |
| 1,145    | New York City, New York, City Transitional Finance Authority, Revenue Bonds, Series B, 5.50% due 2/01/2012 (i)                           |
| 805      | New York City, New York, City Transitional Finance Authority, Revenue Bonds, Series B, 5.50% due 2/01/2013 (i)                           |
| 6,405    | New York City, New York, City Transitional Finance Authority, Revenue Bonds, Series B, 6.25% due 11/15/2018 (e)                          |
| 16,200   | New York City, New York, City Transitional Finance Authority, Revenue Bonds, Series C, 5% due 2/01/2033 (e)                              |
| 2,500    | New York City, New York, City Transitional Finance Authority, Revenue Bonds, Series E, 5.25% due 2/01/2022 (i)                           |
| 1,000    | New York City, New York, City Transitional Finance Authority, Revenue Bonds, Series A, 5% due 11/15/2026 (e)                             |
| 880      | New York City, New York, GO, Refunding, Series A, 6.375% due 5/15/2035 (i)   |
| 3,700    | New York City, New York, GO, Refunding, Series A, 6.25% due 5/15/2035 (i)  |
| 1,580    | New York City, New York, GO, Series B, 5.75% due 8/01/2010 (i) (j)   |
| 2,920    | New York City, New York, GO, Series B, 5.75% due 8/01/2013 (i)   |
| 3,750    | New York City, New York, GO, Series D, 5.25% due 10/15/2023  |
| 8,000    | New York City, New York, GO, Series J, 5% due 5/15/2023  |
| 8,050    | New York City, New York, GO, Series M, 5% due 4/01/2035  |
| 1,150    | New York City, New York, GO, Sub-Series C-1, 5.25% due 8/15/2026   |
| 1,250    | New York City, New York, Sales Tax Asset Receivable Corporation DRIVERS, Series 1438Z, 6.05% due 10/15/2012 (a) (m)                      |
| 15,175   | New York City, New York, Sales Tax Asset Receivable Corporation Series A, 5% due 10/15/2032 (a)  |
| 3,950    | New York City, New York, Trust for Cultural Resources, Revenue Bonds (American Museum of Natural History), Series A, 5% due 7/01/2036    |
| 3,000    | New York Convention Center Development Corporation, New York, Revenue Bonds (Hotel Unit Fee Secured), 5% due 11/15/2030 (a)              |
| 1,000    | New York State Dormitory Authority, Hospital Revenue Refunding Bonds (New York Presbyterian Hospital), 5.50% due 8/01/2011 (a) (f)       |

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Schedule of Investments as of May 31, 2007

(in Thousands)

| Face<br>Amount | Municipal Bonds  |
|----------------|--|
| \$ 2,000       | New York State Dormitory Authority, Hospital Revenue Refunding Bonds (Hospital), 5.75% due 2/15/2017 (n)                   |
| 1,535          | New York State Dormitory Authority, Lease Revenue Bonds (Municipal Improvement Program), Series 1, 5.50% due 1/15/2014 (g) |
| 645            | New York State Dormitory Authority, Lease Revenue Bonds (Office Control), 5.50% due 4/01/2023 (i)                          |
| 1,340          | New York State Dormitory Authority Revenue Bonds (853 Schools Program Series E, 5.75% due 7/01/2019 (a)                    |
| 1,200          | New York State Dormitory Authority Revenue Bonds (Cooper Union of Manhattan), 6.25% due 7/01/2009 (i)(j)                   |
| 2,058          | New York State Dormitory Authority Revenue Bonds (Gustavus Adolphus Services, Inc.), Series B, 5.50% due 7/01/2018 (a)     |
| 6,750          | New York State Dormitory Authority Revenue Bonds (Interfaith Medical Center), Series D, 5.40% due 2/15/2008 (i)(j)         |
| 1,585          | New York State Dormitory Authority Revenue Bonds (Long Island University), 5.50% due 9/01/2020 (k)                         |
| 1,250          | New York State Dormitory Authority Revenue Bonds (Long Island University), 5.25% due 9/01/2028 (k)                         |
| 1,180          | New York State Dormitory Authority Revenue Bonds (New York State Association), Series A, 5.25% due 7/01/2019 (c)           |
| 1,000          | New York State Dormitory Authority Revenue Bonds (New York State Association), Series A, 5.125% due 7/01/2023 (c)          |
| 5,345          | New York State Dormitory Authority Revenue Bonds (Pace University), 6% due 7/01/2010 (i)(j)                                |
| 2,150          | New York State Dormitory Authority Revenue Bonds (Saint Barnabas Hospital), 5.45% due 8/01/2035 (a)(f)                     |
| 1,240          | New York State Dormitory Authority Revenue Bonds (School District of Columbia), Series D, 5% due 10/01/2030 (i)            |
| 6,900          | New York State Dormitory Authority Revenue Bonds (School District of Columbia), Series E, 5.75% due 10/01/2030 (i)         |
| 1,405          | New York State Dormitory Authority Revenue Bonds (Upstate Community College), Series A, 6% due 7/01/2010 (g)(j)            |
| 1,865          | New York State Dormitory Authority, Revenue Refunding Bonds (City of New York), Series 1, 5.25% due 7/01/2014 (e)          |

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|       |   |
|-------|---|
| 3,400 | New York State Dormitory Authority, Revenue Refunding Bonds (Sain<br>and Rehabilitation Center), Series A, 5.625% due 7/01/2012 (i) |
| 1,370 | New York State Dormitory Authority, Revenue Refunding Bonds (Sch<br>Financing Program), Series I, 5.75% due 10/01/2018 (i)          |

BlackRock MuniHoldings New York Insured Fund, Inc.

Schedule of Investments as of May 31, 2007

(in Thousands)

| Face<br>Amount | Municipal Bonds   |
|----------------|---|
| \$ 565         | New York State Dormitory Authority, Revenue Refunding Bonds, Ser<br>5.50% due 8/15/2017 (i)   |
| 1,550          | New York State Dormitory Authority, Supported Debt Revenue Bonds<br>Facilities), Series B, 5.25% due 2/15/2014 (j)  |
| 285            | New York State Dormitory Authority, Supported Debt Revenue Bonds<br>Facilities), Series B, 5.25% due 2/15/2023  |
| 1,060          | New York State Dormitory Authority, Supported Debt Revenue Bonds<br>Facilities), Series D, 5.875% due 8/15/2010 (g) (j)                                   |
| 7,000          | New York State Dormitory Authority, Supported Debt Revenue Bonds<br>Dormitory Facilities), Series A, 5% due 7/01/2031 (i)                                 |
| 1,000          | New York State Dormitory Authority, Supported Debt Revenue Refun<br>of Health), Series A, 5% due 7/01/2025 (c)  |
| 12,960         | New York State Energy Research and Development Authority, Gas Fa<br>Refunding Bonds (Brooklyn Union Gas Company/Keyspan), AMT, Serie<br>due 2/01/2024 (e) |
| 6,000          | New York State Energy Research and Development Authority, PCR, R<br>Hudson Gas and Electric), Series A, 5.45% due 8/01/2027 (a)                           |
| 6,000          | New York State Environmental Facilities Corporation, Water Facil<br>(Long Island Water Corp. Project), AMT, Series A, 4.90% due 10/0                      |
| 4,400          | New York State Environmental Facilities Corporation, Water Facil<br>Bonds (Spring Valley Water Company), Series B, 6.15% due 8/01/20                      |
| 2,000          | New York State, GO, Series A, 4.125% due 3/01/2037 (e)  |
| 3,250          | New York State, HFA, M/F Housing Revenue Bonds (Saint Philips Ho<br>Series A, 4.65% due 11/15/2038 (o)  |
| 750            | New York State, HFA, State Personal Income Tax Revenue Bonds (Ec<br>and Housing), Series A, 5% due 9/15/2023 (i)  |
| 3,500          | New York State, HFA, State Personal Income Tax Revenue Bonds (Ec<br>and Housing), Series A, 5% due 3/15/2037  |

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|       |  |
|-------|--|
| 6,800 | New York State Medical Care Facilities Finance Agency, Revenue Bonds (Medical Center), Series A, 5.75% due 2/15/2025 (a) (f) |
| 1,745 | New York State Mortgage Agency, Homeowner Mortgage Revenue Bonds Series 130, 4.80% due 10/01/2037                            |
| 1,000 | New York State Mortgage Agency, Homeowner Mortgage Revenue Bonds Series 143, 4.90% due 10/01/2037                            |
| 2,140 | New York State Mortgage Agency, Homeowner Mortgage Revenue Refunding Bonds Series 67, 5.70% due 10/01/2017 (i)               |

BlackRock MuniHoldings New York Insured Fund, Inc.

Schedule of Investments as of May 31, 2007

(in Thousands)

| Face Amount | Municipal Bonds   |
|-------------|---|
| \$ 1,500    | New York State Mortgage Agency, Homeowner Mortgage Revenue Refunding Bonds Series 133, 4.95% due 10/01/2021                         |
| 2,100       | New York State Mortgage Agency, Homeowner Mortgage Revenue Refunding Bonds Series 83, 5.55% due 10/01/2027 (i)                      |
| 1,170       | New York State Mortgage Agency Revenue Refunding Bonds, AMT, Series 5.65% due 4/01/2030 (i)   |
| 5,000       | New York State Thruway Authority, General Revenue Bonds, Series 5.65% due 4/01/2030 (i)   |
| 2,000       | New York State Thruway Authority, General Revenue Refunding Bonds due 1/01/2029 (g)   |
| 9,250       | New York State Thruway Authority, General Revenue Refunding Bonds due 1/01/2030 (g)   |
| 8,000       | New York State Thruway Authority, Highway and Bridge Trust Fund Series B-1, 5.75% due 4/01/2010 (e) (j)                             |
| 8,700       | New York State Thruway Authority, Second General Highway and Bridge Revenue Bonds, Series A, 5% due 4/01/2026 (a)                   |
| 3,000       | New York State Urban Development Corporation, Personal Income Tax Exempt Bonds Series C-1, 5% due 3/15/2013 (i) (j)                 |
| 2,000       | New York State Urban Development Corporation, Personal Income Tax Exempt Bonds (State Facilities), Series A-1, 5% due 3/15/2029 (e) |
| 1,000       | Niagara Falls, New York, City School District, COP, Refunding Bonds 5% due 6/15/2028 (g)  |
| 1,800       | Oneida-Herkimer, New York, Solid Waste Management Authority, Solid Waste Refunding Bonds, 5.50% due 4/01/2013 (g)                   |

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|        |   |
|--------|---|
| 2,500  | Port Authority of New York and New Jersey, Consolidated Revenue Series, 5.125% due 7/15/2030 (g)  |
| 1,000  | Port Authority of New York and New Jersey, Consolidated Revenue Series, 4.50% due 9/01/2035 (c)   |
| 12,000 | Port Authority of New York and New Jersey, Revenue Refunding Bonds, 6% due 10/15/2032 (i)   |
| 3,000  | Port Authority of New York and New Jersey, Special Obligation Revenue Bonds (International Air Terminal LLC), AMT, Series 6, 6.25% due 12/01/2030 |
| 7,830  | Port Authority of New York and New Jersey, Special Obligation Revenue Bonds (International Air Terminal LLC), AMT, Series 6, 6.25% due 12/01/2030 |
| 7,000  | Port Authority of New York and New Jersey, Special Obligation Revenue Bonds (International Air Terminal LLC), AMT, Series 6, 5.90% due 12/01/2030 |

BlackRock MuniHoldings New York Insured Fund, Inc.

Schedule of Investments as of May 31, 2007

(in Thousands)

| Face Amount | Municipal Bonds   |
|-------------|---|
| \$ 2,500    | Rensselaer, New York, City School District, COP, 5% due 6/01/2030   |
| 1,250       | Rochester, New York, Housing Authority, Mortgage Revenue Bonds (Apartments Project), AMT, 4.70% due 12/20/2038 (r)                              |
| 2,340       | Rome, New York, City School District, GO, 5.50% due 6/15/2009 (g)   |
| 5,000       | Schenectady, New York, IDA, Civic Facility Revenue Bonds (Union Series A, 5.45% due 12/01/2009 (a) (j)  |
| 3,000       | Schenectady, New York, IDA, Civic Facility Revenue Refunding Bonds (Project), Series A, 5.625% due 7/01/2011 (a) (j)                            |
| 1,000       | Suffolk County, New York, IDA, Civic Facility Revenue Refunding Bonds (Dowling College), Series A, 5% due 6/01/2036 (d)                         |
| 4,355       | Suffolk County, New York, IDA, IDR (Keyspan-Port Jefferson), AMT, 6.25% due 12/01/2030  |
| 4,660       | Suffolk County, New York, IDA, Solid Waste Disposal Facility, Revenue Bonds (Ogden Martin System Huntington Project), AMT, 6% due 10/01/2010    |
| 5,000       | Suffolk County, New York, IDA, Solid Waste Disposal Facility, Revenue Bonds (Ogden Martin System Huntington Project), AMT, 6.15% due 10/01/2010 |
| 3,530       | Suffolk County, New York, IDA, Solid Waste Disposal Facility, Revenue Bonds (Ogden Martin System Huntington Project), AMT, 6.25% due 10/01/2010 |
| 1,300       | Suffolk County, New York, Public Improvement, GO, Series B, 4.50% due 6/01/2030   |
| 14,000      | Syracuse, New York, IDA, PILOT Revenue Bonds (Carousel Center Project), Series A, 5.50% due 12/01/2030  |

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| Series A, 5% due 1/01/2036 (n) |   |
|--------------------------------|---|
| 5,000                          | Tobacco Settlement Financing Corporation of New York Revenue Bonds, 5.25% due 6/01/2020 (a)                         |
| 13,275                         | Tobacco Settlement Financing Corporation of New York Revenue Bonds, 5.25% due 6/01/2021 (a)                         |
| 2,000                          | Tobacco Settlement Financing Corporation of New York Revenue Bonds, 5.25% due 6/01/2022 (a)                         |
| 3,700                          | Tobacco Settlement Financing Corporation of New York Revenue Bonds, 5.50% due 6/01/2021                             |
| 400                            | Triborough Bridge and Tunnel Authority, New York, General Purpose Bonds, VRDN, Series C, 3.70% due 1/01/2032 (a)(1) |
| 12,000                         | Triborough Bridge and Tunnel Authority, New York, Revenue Refund Bonds, 5.25% due 11/15/2023 (i)                    |
| 8,315                          | Triborough Bridge and Tunnel Authority, New York, Revenue Refund Bonds, 5% due 11/15/2032 (i)                       |
| 2,095                          | Triborough Bridge and Tunnel Authority, New York, Revenue Refund Bonds, Series A, 5% due 1/01/2012 (i)(j)           |

BlackRock MuniHoldings New York Insured Fund, Inc.

Schedule of Investments as of May 31, 2007

(in Thousands)

| Face Amount | Municipal Bonds  |
|-------------|--|
| \$ 1,500    | Triborough Bridge and Tunnel Authority, New York, Revenue Refund Bonds, 5% due 11/15/2032 (i)                                    |
| 850         | Triborough Bridge and Tunnel Authority, New York, Special Obligation Bonds, VRDN, Series C, 3.70% due 1/01/2031 (g)(1)           |
| 2,465       | Triborough Bridge and Tunnel Authority, New York, Subordinate Revenue Bonds, 11/15/2028 (a)                                      |
| 6,000       | Triborough Bridge and Tunnel Authority, New York, Subordinate Revenue Bonds, Series A, 5.25% due 11/15/2030 (i)                  |
| 7,000       | Westchester County, New York, IDA, Civic Facility Revenue Bonds (Foundation Housing Project), Series A, 5.75% due 12/01/2031 (a) |
| 1,795       | Yonkers, New York, GO, Series A, 5.75% due 10/01/2010 (e)  |
| Guam - 1.0% | 3,700 A.B. Won Guam International Airport Authority, General Revenue Bonds, Series C, 5.25% due 10/01/2021 (i)                   |
|             | 1,050 A.B. Won Guam International Airport Authority, General Revenue Bonds, Series C, 5.25% due 10/01/2022 (i)                   |

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|                     |        |  |
|---------------------|--------|--|
| Puerto Rico - 12.9% | 4,800  | Puerto Rico Commonwealth Highway and Transportation Authority, T Bonds, 5.25% due 7/01/2017 (e)                                    |
|                     | 10,000 | Puerto Rico Commonwealth Highway and Transportation Authority, T Refunding Bonds, Series D, 5.75% due 7/01/2012 (j)                |
|                     | 4,700  | Puerto Rico Commonwealth Highway and Transportation Authority, T Refunding Bonds, Series N, 5.25% due 7/01/2039 (e)                |
|                     | 10,280 | Puerto Rico Commonwealth Infrastructure Financing Authority, Spe Appreciation Revenue Bonds, Series A, 4.62% due 7/01/2031 (b) (e) |
|                     | 5,500  | Puerto Rico Commonwealth Infrastructure Financing Authority, Spe Appreciation Revenue Bonds, Series A, 4.66% due 7/01/2033 (b) (e) |
|                     | 9,300  | Puerto Rico Commonwealth Infrastructure Financing Authority, Spe Appreciation Revenue Bonds, Series A, 4.66% due 7/01/2034 (a) (b) |
|                     | 2,200  | Puerto Rico Commonwealth Infrastructure Financing Authority, Special Tax and Capital Appreciation Revenue Bonds, Series A, 4.      |
|                     | 1,345  | Puerto Rico Commonwealth, Public Improvement, GO, Refunding, Series B, 5.25% due 7/01/2032   |
|                     | 500    | Puerto Rico Commonwealth, Public Improvement, GO, Series A, 5.25   |
|                     | 3,570  | Puerto Rico Convention Center District Authority, Hotel Occupanc Series A, 5% due 7/01/2031 (a)                                    |
|                     | 4,750  | Puerto Rico Electric Power Authority, Power Revenue Bonds, Series NN, 5.125% due 7/01/2029   |
|                     | 4,850  | Puerto Rico Electric Power Authority, Power Revenue Bonds, Series RR, 5% due 7/01/2015 (c) (j)                                     |

BlackRock MuniHoldings New York Insured Fund, Inc.

Schedule of Investments as of May 31, 2007

(in Thousands)

| Face Amount      | Municipal Bonds  |
|------------------|--|
| \$ 4,950         | Puerto Rico Electric Power Authority, Power Revenue Bonds, Serie 5% due 7/01/2015 (j) (n)        |
| 7,110            | Puerto Rico Electric Power Authority, Power Revenue Bonds, Serie 5% due 7/01/2015 (e) (j)        |
|                  | Total Municipal Bonds (Cost - \$692,537) - 155.9%  |
|                  | Municipal Bonds Held in Trust (s)  |
| New York - 24.4% | 18,000 Metropolitan Transportation Authority, New York, Revenue Refundi 5.75% due 11/15/2032 (g) |

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|                    |             |   |
|--------------------|-------------|---|
|                    | 23,000      | New York City, New York, City Municipal Water Finance Authority, Revenue Bonds, Series A, 5.75% due 6/15/2011 (i)                                     |
|                    | 9,500       | New York City, New York, GO, Series C, 5.75% due 3/15/2027 (g)  |
|                    | 7,000       | New York City, New York, Sales Tax Asset Receivable Corporation Series A, 5% due 10/15/2032 (a)   |
|                    | 21,000      | New York Convention Center Development Corporation, New York, Revenue Bonds (Fee Secured), 5% due 11/15/2035 (a)                                      |
|                    | 26,730      | Port Authority of New York and New Jersey, Special Obligation Revenue Bonds (JFK International Air Terminal), AMT, Series 6, 5.75% due 12/01/2035 (i) |
| -----              |             |   |
| Puerto Rico - 0.6% | 2,500       | Puerto Rico Commonwealth Highway and Transportation Authority, Revenue Bonds, Series B, 5.875% due 7/01/2035 (i)                                      |
| -----              |             |   |
|                    |             | Total Municipal Bonds Held in Trust (Cost - \$112,199) - 25.0%  |
| -----              |             |   |
|                    | Shares Held | Short-Term Securities   |
|                    | 1,386       | CMA New York Municipal Money Fund, 3.21% (h) (p)  |
| -----              |             |   |
|                    |             | Total Short-Term Securities (Cost - \$1,386) - 0.3%   |
| -----              |             |   |
|                    |             | Total Investments (Cost - \$806,122*) - 181.2%  |
|                    |             | Other Assets Less Liabilities - 0.9%  |
|                    |             | Liability for Trust Certificates, Including Interest Expense Payable on Preferred Stock, at Redemption Value - (68.7%)                                |
|                    |             | Net Assets Applicable to Common Stock - 100.0%  |

\* The cost and unrealized appreciation (depreciation) of investments as of May 31, 2007, as computed for federal income tax purposes, were as follows:

|                               |            |
|-------------------------------|------------|
| Aggregate cost                | \$ 746,235 |
|                               | =====      |
| Gross unrealized appreciation | \$ 21,018  |
| Gross unrealized depreciation | (1,802)    |
|                               | -----      |
| Net unrealized appreciation   | \$ 19,216  |
|                               | =====      |

BlackRock MuniHoldings New York Insured Fund, Inc.

Schedule of Investments as of May 31, 2007

(in Thousands)

- (a) AMBAC Insured.
- (b) Represents a zero coupon bond; the interest rate shown reflects the effective yield at the time of purchase.
- (c) CIFG Insured.
- (d) ACA Insured.
- (e) FGIC Insured.
- (f) FHA Insured.
- (g) FSA Insured.
- (h) Investments in companies considered to be an affiliate of the Fund, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, were as follows:

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| Affiliate  | Net Activity | Dividend Income |
|--|--------------|-----------------|
| CMA New York Municipal Money Fund  | 1,252        | \$57            |
| (i) MBIA Insured.  |              |                 |
| (j) Prerefunded.   |              |                 |
| (k) Radian Insured.  |              |                 |
| (l) Security may have a maturity of more than one year at time of issuance, but has variable rate and demand features that qualify it as a short-term security. The rate disclosed is that currently in effect. This rate changes periodically based upon prevailing market rates. |              |                 |
| (m) The rate disclosed is that currently in effect. This rate changes periodically and inversely based upon prevailing market rates.   |              |                 |
| (n) XL Capital Insured.  |              |                 |
| (o) FNMA Collateralized.   |              |                 |
| (p) Represents the current yield as of May 31, 2007.   |              |                 |
| (q) All or a portion of security held as collateral in connection with open financial futures contracts.   |              |                 |
| (r) GNMA Collateralized.   |              |                 |
| (s) Securities represent underlying bonds transferred to a separate securitization trust established in a tender option bond transaction in which the Fund may have acquired the residual interest certificates. These securities serve as collateral in a financing transaction.  |              |                 |
| o Financial futures contracts sold as of May 31, 2007 were as follows:   |              |                 |

| Number of Contracts | Issue                       | Expiration Date | Face Value | Unrealized Appreciation |
|---------------------|-----------------------------|-----------------|------------|-------------------------|
| 395                 | 30-Year U.S. Treasury Bonds | September 2007  | \$43,149   | \$45                    |

Item 2 - Controls and Procedures

- 2(a) - The registrant's certifying officers have reasonably designed such disclosure controls and procedures to ensure material information relating to the registrant is made known to us by others particularly during the period in which this report is being prepared. The registrant's certifying officers have determined that the registrant's disclosure controls and procedures are effective based on our evaluation of these controls and procedures as of a date within 90 days prior to the filing date of this report.
- 2(b) - There were no changes in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the Act (17 CFR 270.30a-3(d)) that occurred during the last fiscal quarter of the period covered by this report that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 3 - Exhibits

Certifications - Attached hereto

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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 Insured Fund, Inc.

By: /s/ Robert C. Doll, Jr.  
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Robert C. Doll, Jr.  
Chief Executive Officer  
BlackRock MuniHoldings New York Insured Fund, Inc.

Date: July 24, 2007

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/ Robert C. Doll, Jr.  
-----

Robert C. Doll, Jr.  
Chief Executive Officer  
BlackRock MuniHoldings New York Insured Fund, Inc.

Date: July 24, 2007

By: /s/ Donald C. Burke  
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Donald C. Burke  
Chief Financial Officer  
BlackRock MuniHoldings New York Insured Fund, Inc.

Date: July 24, 2007