

BLACKROCK MUNI INTERMEDIATE DURATION FUND INC
 Form N-Q
 April 29, 2008

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 811-21348

Name of Fund: BlackRock Muni Intermediate Duration Fund, Inc. (MUI)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

Name and address of agent for service: Donald C. Burke, Chief Executive Officer, BlackRock Muni
 Intermediate Duration 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: (800) 882-0052, Option 4

Date of fiscal year end: 05/31/2008

Date of reporting period: 12/01/2007 - 02/29/2008

Item 1 Schedule of Investments

BlackRock Muni Intermediate Duration Fund, Inc.

(Percentages shown are
 based on Net Assets)

Schedule of Investments as of February 29, 2008 (Unaudited)

| State | Par (000) Municipal Bonds | Value |
|-----------------------|------------------------------|--|
| Alabama - 3.4% | \$ 5,500 | Jefferson County, Alabama, Limited Obligation School Warrants, Series A, 5.50% due 1/01/2021 |
| | 6,500 | Jefferson County, Alabama, Limited Obligation School Warrants, Series A, 5.25% due 1/01/2023 |
| | 6,600 | Tuscaloosa, Alabama, Special Care Facilities Financing Authority, Residential Care Facility Revenue Bonds (Capstone Village, Inc. Project), Series A, 5.625% due 8/01/2025 |
| | | 17,865,911 |

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| | | | |
|--------------------------------|-------|--|-------------------|
| Alaska - 0.7% | 4,000 | Alaska Industrial Development and Export Authority, Revenue Refunding Bonds, VRDN, AMT, Series B, 7% due 4/01/2027 (a)(b) | 4,000,000 |
| Arizona - 2.2% | 2,820 | Maricopa County, Arizona, IDA, Education Revenue Bonds (Arizona Charter Schools Project 1), Series A, 6.625% due 7/01/2020 | 2,507,911 |
| | 3,000 | Navajo County, Arizona, IDA, IDR (Stone Container Corporation Project), AMT, 7.20% due 6/01/2027 | 2,971,500 |
| | 990 | Pima County, Arizona, IDA, Education Revenue Bonds (Arizona Charter Schools Project), Series C, 6.70% due 7/01/2021 | 1,000,821 |
| | 820 | Pima County, Arizona, IDA, Education Revenue Bonds (Arizona Charter Schools Project), Series K, 6.375% due 7/01/2013 (c) | 930,864 |
| | 930 | Pima County, Arizona, IDA, Education Revenue Bonds (Arizona Charter Schools Project), Series K, 6.375% due 7/01/2031 | 890,773 |
| | 3,630 | Vistancia Community Facilities District, Arizona, GO, 5% due 7/15/2014 | 3,647,497 |
| | | | 11,949,366 |
| Arkansas - 0.7% | 3,755 | Conway, Arkansas, Public Facilities Board, Capital Improvement Revenue Refunding Bonds (Hendrix College Projects), Series B, 5% due 10/01/2026 | 3,563,082 |
| California - 18.6% | 8,000 | Antelope Valley, California, Health Care District Revenue Bonds, VRDN, Series A, 5.25% due 9/01/2017 (b) | 7,795,760 |
| | 750 | California Pollution Control Financing Authority, Solid Waste Disposal Revenue Bonds (Republic Services Inc. Project), AMT, Series B, 5.25% due 6/01/2023 | 718,987 |
| | 1,240 | California Pollution Control Financing Authority, Solid Waste Disposal Revenue Bonds (Waste Management Inc. Project), AMT, Series A-2, 5.40% due 4/01/2025 | 1,126,565 |
| | 5,000 | California State Department of Water Resources, Power Supply Revenue Bonds, Series A, 5.375% due 5/01/2012 (c) | 5,461,650 |
| Portfolio Abbreviations | | | |

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To simplify the listings of BlackRock Muni Intermediate Duration 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) | HFA | Housing Finance Agency |
| COP | Certificates of Participation | IDA | Industrial Development Authority |
| EDA | Economic Development Authority | IDR | Industrial Development Revenue Bonds |
| EDR | Economic Development Revenue Bonds | PCR | Pollution Control Revenue Bonds |
| GO | General Obligation Bonds | S/F | Single-Family |
| | | VRDN | Variable Rate Demand Notes |

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BlackRock Muni Intermediate Duration Fund, Inc.

(Percentages shown are based on Net Assets)

Schedule of Investments as of February 29, 2008 (Unaudited)

| State | Par (000) Municipal Bonds | Value |
|-------|---|---------------|
| | \$ 15,575 California State, GO, 5.50% due 4/01/2014 (c) | \$ 17,110,886 |
| | 15 California State, GO, 5.50% due 4/01/2028 | 14,963 |
| | 5,000 California State, GO, Refunding, 5.25% due 2/01/2027 (d) | 4,894,150 |
| | 10,000 California State Public Works Board, Lease Revenue Bonds (Department of Corrections), Series C, 5.50% due 6/01/2020 | 10,320,200 |
| | 2,500 California Statewide Communities Development Authority, Health Facility Revenue Bonds (Memorial Health Services), Series A, 6% due 10/01/2023 | 2,560,250 |
| | 2,400 Elk Grove, California, Poppy Ridge Community Facilities Number 3 Special Tax, Series 1, 6% due 9/01/2008 (c) | 2,461,656 |
| | 5,000 Golden State Tobacco Securitization Corporation of California, Tobacco Settlement Revenue Refunding Bonds, Senior Series A-1, 5% due 6/01/2015 | 4,981,600 |
| | 1,435 Los Angeles, California, Regional Airports Improvement Corporation, Facilities Lease Revenue Refunding Bonds (LAXFUEL Corporation - Los Angeles International Airport), AMT, 5.50% due 1/01/2032 (a) | 1,368,961 |
| | 10,135 Peralta, California, Community College District, GO (Election of 2000), Series D, 5% due 8/01/2030 (e) | 9,828,923 |
| | 1,515 Rowland, California, Unified School District, GO (Election of 2000), Series B, 5.25% due 8/01/2027 (e) | 1,517,757 |
| | 585 Sacramento, California, Special Tax (North Natomas Community Facilities), Series 4-C, 5.60% due 9/01/2020 | 558,090 |
| | 1,715 Sacramento, California, Special Tax (North Natomas Community | |

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| | | | |
|------------------------|-------|--|------------|
| | | Facilities), Series 4-C, 5.75% due 9/01/2022 Sacramento, California, Special Tax (North Natomas Community | 1,637,122 |
| | 500 | | |
| | | Facilities), Series 4-C, 5.90% due 9/01/2023 Sacramento, California, Special Tax (North Natomas Community | 481,820 |
| | 2,990 | | |
| | | Facilities), Series 4-C, 6% due 9/01/2028 San Jose, California, GO (Libraries, Parks and Public Safety Projects), 5% | 2,841,397 |
| | 3,100 | | |
| | | due 9/01/2030 (d) Sequoia, California, Unified High School District, GO, Refunding, | 2,994,383 |
| | 9,030 | | |
| | | Series B, 5.50% due 7/01/2035 (e) | 9,210,690 |
| | 4,000 | | |
| | | Southern California HFA, S/F Mortgage Revenue Bonds, AMT, Series A, 5.80% due 12/01/2049 (f)(g) Tamalpais, California, Union High School District, GO (Election of 2001), | 4,027,800 |
| | 4,875 | | |
| | | 5% due 8/01/2028 (e) Tustin, California, Unified School District, Senior Lien Special Tax Bonds | 4,717,294 |
| | 2,610 | | |
| | | (Community Facilities District Number 97-1), Series A, 5% due 9/01/2032 (e) | 2,461,282 |
| | | | <hr/> |
| | | | 99,092,186 |
| | | | <hr/> |
| Colorado - 2.2% | 700 | Elk Valley, Colorado, Public Improvement Revenue Bonds (Public Improvement Fee), Series A, 7.10% due 9/01/2014 | 731,465 |
| | 2,250 | Montrose, Colorado, Memorial Hospital, Revenue Bonds, 6.375% due 12/01/2023 | 2,287,507 |

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BlackRock Muni Intermediate Duration Fund, Inc.

Schedule of Investments as of February 29, 2008 (Unaudited) (Percentages shown are based on Net Assets)

| State | Par (000) Municipal Bonds | | Value |
|-------------------------------|------------------------------|--|--------------|
| | \$ 7,500 | Plaza Metropolitan District Number 1, Colorado, Tax Allocation Revenue Bonds (Public Improvement Fees), 7.50% due 12/01/2015 | \$ 7,683,675 |
| | 1,000 | Southlands Metropolitan District Number 1, Colorado, GO, 6.75% due 12/01/2014 (c) | 1,136,410 |
| | | | <hr/> |
| | | | 11,839,057 |
| | | | <hr/> |
| Connecticut - 1.4% | 1,160 | Connecticut State Development Authority, Airport Facility Revenue Bonds (Learjet Inc. Project), AMT, 7.95% due 4/01/2026 | 1,234,727 |

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| | | | |
|-----------------------|-------|---|------------|
| | 6,000 | Connecticut State Development Authority, PCR, Refunding (Connecticut Light and Power Company), Series A, 5.85% due 9/01/2028 | 6,032,400 |
| | | | 7,267,127 |
| Florida - 5.3% | 2,900 | Harbor Bay, Florida, Community Development District, Capital Improvement Special Assessment Bonds, 6.75% due 5/01/2034 | 2,823,324 |
| | 1,000 | Highlands County, Florida, Health Facilities Authority, Hospital Revenue Refunding Bonds (Adventist Health System), Series G, 5.125% due 11/15/2032 | 915,540 |
| | 5,500 | Miami-Dade County, Florida, Aviation Revenue Refunding Bonds (Miami International Airport), AMT, 5.75% due 10/01/2019 (h) | 5,600,485 |
| | 3,500 | Midtown Miami, Florida, Community Development District, Special Assessment Revenue Bonds, Series A, 6% due 5/01/2024 | 3,179,645 |
| | 2,000 | Midtown Miami, Florida, Community Development District, Special Assessment Revenue Bonds, Series B, 6.50% due 5/01/2037 | 1,764,200 |
| | 3,670 | Orange County, Florida, Health Facilities Authority, Health Care Revenue Refunding Bonds (Orlando Lutheran Towers), 5% due 7/01/2013 | 3,504,153 |
| | 875 | Orlando, Florida, Urban Community Development District, Capital Improvement Special Assessment Bonds, 6% due 5/01/2020 | 804,667 |
| | 2,265 | Panther Trace Community Development District II, Florida, Special Assessment Revenue Bonds, 5.125% due 11/01/2013 | 2,062,803 |
| | 1,085 | Portofino Shores, Florida, Community Development District, Special Assessment Bonds, Series A, 6.40% due 5/01/2034 | 1,052,754 |
| | 2,390 | South Lake County, Florida, Hospital District Revenue Bonds (South Lake Hospital Inc.), 6.625% due 10/01/2023 | 2,448,507 |
| | 210 | Sterling Hill, Florida, Community Development District, Capital Improvement Revenue Refunding Bonds, Series B, 5.50% due 11/01/2010 | 207,322 |
| | 4,000 | University of Florida Research Foundation Inc., Capital Improvement Revenue Bonds, 5.125% due 9/01/2033 (a) | 3,821,960 |
| | | | 28,185,360 |
| Georgia - 2.2% | 1,500 | Atlanta, Georgia, Tax Allocation Bonds (Atlantic Station Project), 7.90% due 12/01/2011 (c) | 1,758,825 |
| | 5,395 | Brunswick and Glynn County, Georgia, Development Authority, First Mortgage Revenue Bonds (Coastal Community Retirement Corporation Project), Series A, 7.125% due 1/01/2025 (i) | 3,722,550 |

| | | |
|-------|--|-----------|
| 2,800 | Brunswick and Glynn County, Georgia, Development Authority, First Mortgage Revenue Bonds (Coastal Community Retirement Corporation Project), Series A, 7.25% due 1/01/2035 (i) | 1,932,000 |
|-------|--|-----------|

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BlackRock Muni Intermediate Duration Fund, Inc.

(Percentages shown are
based on Net Assets)

Schedule of Investments as of February 29, 2008 (Unaudited)

| State | Par (000) Municipal Bonds | | Value |
|------------------------|------------------------------|--|--------------|
| | \$ 4,500 | Fulton County, Georgia, Residential Care Facilities, Revenue Refunding Bonds (Canterbury Court Project), Series A, 5.80% due 2/15/2018 | \$ 4,300,020 |
| | | | 11,713,395 |
| Idaho - 0.8% | 4,000 | Boise City, Idaho, COP, AMT, 5.50% due 9/01/2025 (h) | 3,840,680 |
| | 290 | Idaho Housing and Finance Association, S/F Mortgage Revenue Bonds, AMT, Series F-2, 5.85% due 7/01/2015 (j)(k) | 296,064 |
| | | | 4,136,744 |
| Illinois - 8.9% | 2,510 | Chicago, Illinois, O'Hare International Airport Revenue Bonds, Third Lien, AMT, Series B-2, 6% due 1/01/2029 (l) | 2,534,322 |
| | 2,550 | Chicago, Illinois, O'Hare International Airport Revenue Refunding Bonds, 3rd Lien, AMT, Series A-2, 5.75% due 1/01/2019 (e) | 2,646,925 |
| | 8,650 | Du Page and Will Counties, Illinois, Community School District Number 204 (Indian Prairie), GO, 5.25% due 12/30/2022 (h)(m) | 8,796,271 |
| | 6,000 | Hodgkins, Illinois, Environmental Improvement Revenue Bonds (Metro Biosolids Management LLC Project), AMT, 5.90% due 11/01/2017 | 6,012,720 |
| | 6,930 | Illinois, Development Finance Authority Revenue Bonds (Community Rehabilitation Providers Facilities), Series A, 6.625% due 7/01/2032 | 7,116,348 |
| | 1,800 | Illinois State Finance Authority Revenue Bonds (Landing At Plymouth Place Project), Series A, 6% due 5/15/2025 | 1,648,188 |
| | 5,000 | Illinois State Finance Authority, Revenue Refunding Bonds (Advocate Health and Hospital Corporation), VRDN, Series B-3, | |

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| | | | |
|-----------------------------|--------|---|------------------------|
| | | 7.19% due 11/01/2038 (a)(b) | 5,000,000 |
| | 12,695 | McHenry County, Illinois, Conservation District, GO, 5.125% due 2/01/2027 (e) | 12,537,074 |
| | 1,580 | Village of Wheeling, Illinois, Revenue Bonds (North Milwaukee/Lake-Cook Tax Increment Financing (TIF) Redevelopment Project), 6% due 1/01/2025 | 1,413,484 |
| | | | <hr/> 47,705,332 <hr/> |
| Indiana - 0.9% | 4,300 | Indiana Transportation Finance Authority, Highway Revenue Bonds, Series A, 5% due 6/01/2013 (c)(e) | 4,622,973 |
| Louisiana - 2.6% | 2,000 | Louisiana Public Facilities Authority Revenue Bonds (Nineteenth Judicial District Court Building Project), 5.50% due 6/01/2041 (h) | 1,949,180 |
| | 6,965 | Louisiana Public Facilities Authority Revenue Bonds (University of New Orleans Research and Technology Foundation, Inc. - Student Housing Project), 5.25% due 3/01/2026 (d) | 6,712,101 |
| | 5,000 | Port New Orleans, Louisiana, IDR, Refunding (Continental Grain Company Project), 6.50% due 1/01/2017 | 4,931,900 |
| | | | <hr/> 13,593,181 <hr/> |
| Maine - 0.3% | 1,965 | Portland, Maine, Housing Development Corporation, Senior Living Revenue Bonds (Avesta Housing Development Corporation Project), Series A, 6% due 2/01/2034 | 1,837,864 |
| Maryland - 0.1% | 500 | Maryland State Industrial Development Financing Authority, EDR (Our Lady of Good Counsel School), Series A, 6% due 5/01/2035 | 448,980 |
| Massachusetts - 3.0% | 4,560 | Massachusetts Bay Transportation Authority, Sales Tax Revenue Refunding Bonds, Senior Series A, 5% due 7/01/2012 (c) | 4,859,410 |

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BlackRock Muni Intermediate Duration Fund, Inc.

Schedule of Investments as of February 29, 2008 (Unaudited)

(Percentages shown are based on Net Assets)

| State | Par (000) Municipal Bonds | Value |
|-------|------------------------------|-------|
|-------|------------------------------|-------|

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| | | | |
|---------------------------|----------|--|------------------|
| | \$ 1,210 | Massachusetts State Development Finance Agency, Resource Recovery Revenue Bonds (Ogden Haverhill Associates), AMT, Series B, 5.35% due 12/01/2015 | \$ 1,164,577 |
| | 2,000 | Massachusetts State Development Finance Agency, Resource Recovery Revenue Bonds (Ogden Haverhill Associates), AMT, Series B, 5.50% due 12/01/2019 | 1,926,260 |
| | 8,325 | Massachusetts State School Building Authority, Dedicated Sales Tax Revenue Bonds, Series A, 5% due 8/15/2030 (e) | 8,009,649 |
| | | | <hr/> 15,959,896 |
| Michigan - 1.3% | 2,325 | Macomb County, Michigan, Hospital Finance Authority, Hospital Revenue Bonds (Mount Clemens General Hospital), Series B, 5.875% due 11/15/2034 | 2,099,103 |
| | 4,795 | Michigan State Hospital Finance Authority, Revenue Refunding Bonds (Oakwood Obligated Group), Series A, 6% due 4/01/2022 | 4,885,002 |
| | | | <hr/> 6,984,105 |
| Minnesota - 1.0% | 1,000 | Minneapolis and Saint Paul, Minnesota, Housing and Redevelopment Authority, Health Care System Revenue Bonds (Group Health Plan Inc. Project), 6% due 12/01/2019 | 1,021,810 |
| | 2,545 | Minneapolis and Saint Paul, Minnesota, Housing and Redevelopment Authority, Health Care System Revenue Bonds (Group Health Plan Inc. Project), 6% due 12/01/2021 | 2,579,256 |
| | 2,000 | Minnesota State Municipal Power Agency, Electric Revenue Bonds, Series A, 5.25% due 10/01/2024 | 2,001,000 |
| | | | <hr/> 5,602,066 |
| Mississippi - 1.5% | 5,000 | Mississippi Business Finance Corporation, Mississippi, PCR, Refunding (System Energy Resources Inc. Project), 5.875% due 4/01/2022 | 5,013,950 |
| | 2,910 | Mississippi Business Finance Corporation, Mississippi, PCR, Refunding (System Energy Resources Inc. Project), 5.90% due 5/01/2022 | 2,918,177 |
| | | | <hr/> 7,932,127 |
| Nebraska - 1.7% | 10,000 | Public Power Generation Agency, Nebraska, Revenue Bonds (Whelan | |

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| | | | |
|---------------------------|--------|---|------------|
| | | Energy Center Unit 2), Series A, 5% due 1/01/2037 (a) | 9,293,900 |
| Nevada - 0.4% | 2,215 | Clark County, Nevada, Improvement District Number 142, Special Assessment Bonds, 6.375% due 8/01/2023 | 2,010,910 |
| New Jersey - 11.6% | 3,635 | Garden State Preservation Trust of New Jersey, Open Space and Farmland Preservation Revenue Bonds, Series A, 5.80% due 11/01/2021 (e) | 3,901,555 |
| | 5,050 | Garden State Preservation Trust of New Jersey, Open Space and Farmland Preservation Revenue Bonds, Series A, 5.80% due 11/01/2023 (e) | 5,338,254 |
| | 9,810 | New Jersey EDA, Cigarette Tax Revenue Bonds, 5.75% due 6/15/2029 | 9,170,192 |
| | 17,900 | New Jersey EDA, Motor Vehicle Surcharge Revenue Bonds, Series A, 5.25% due 7/01/2033 (d) | 17,267,056 |
| | 5,540 | New Jersey EDA, Special Facility Revenue Bonds (Continental Airlines Inc. Project), AMT, 6.625% due 9/15/2012 | 5,372,415 |

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BlackRock Muni Intermediate Duration Fund, Inc.

| Schedule of Investments as of February 29, 2008 (Unaudited) | | | (Percentages shown are based on Net Assets) |
|---|-----------|---|---|
| State | Par (000) | Municipal Bonds | Value |
| | \$ 5,000 | New Jersey EDA, Water Facilities Revenue Refunding Bonds (American Water), AMT, Series B, 5.125% due 4/01/2022 (a) | \$ 4,836,600 |
| | 4,215 | New Jersey State Transportation Trust Fund Authority, Transportation System Revenue Bonds, Series D, 5% due 6/15/2018 (a) | 4,371,587 |
| | 11,120 | New Jersey State Transportation Trust Fund Authority, Transportation System Revenue Bonds, Series D, 5% due 6/15/2019 (e) | 11,420,018 |
| | | | 61,677,677 |
| New Mexico - 3.6% | 9,000 | Farmington, New Mexico, PCR, Refunding (Tucson Electric Power Company - San Juan Project), Series A, 6.95% due 10/01/2020 | 9,060,390 |
| | 9,520 | New Mexico Finance Authority, Senior Lien State Transportation Revenue | |

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| | |
|---|------------|
| Bonds, Series A, 5.125% due 6/15/2018 (d) | 9,901,657 |
| | 18,962,047 |

| | | | |
|-----------------------------|--------|--|------------|
| New York - 27.0% | | | |
| | 1,030 | Dutchess County, New York, IDA, Civic Facility Revenue Bonds (Saint Francis Hospital), Series B, 7.25% due 3/01/2019 | 1,064,309 |
| | 10,500 | Metropolitan Transportation Authority, New York, Revenue Refunding Bonds, Series A, 5.75% due 11/15/2032 | 10,550,505 |
| | 3,500 | New York City, New York, City IDA, Special Facility Revenue Bonds (Continental Airlines Inc. Project), AMT, 8.375% due 11/01/2016 | 3,583,755 |
| | 5,000 | New York City, New York, GO, Refunding, Series B, 5.75% due 8/01/2015 | 5,412,750 |
| | 4,615 | New York City, New York, GO, Series D1, 5.125% due 12/01/2026 | 4,487,303 |
| | 2,055 | New York City, New York, IDA, Civic Facility Revenue Bonds (Special Needs Facilities Pooled Program), Series C-1, 6.80% due 7/01/2019 | 2,031,470 |
| | 9,070 | New York City, New York, Sales Tax Asset Receivable Corporation Revenue Bonds, Series A, 5% due 10/15/2020 (d) | 9,233,260 |
| | 7,775 | New York State Dormitory Authority, Consolidated Second General Resolution, Revenue Refunding Bonds (City University System), Series A, 6.125% due 7/01/2013 (a) | 8,298,957 |
| | 5,580 | New York State Dormitory Authority, Lease Revenue Refunding Bonds (Court Facilities), Series A, 5.25% due 5/15/2012 | 5,944,988 |
| | 8,285 | New York State Dormitory Authority, Non-State Supported Debt, Revenue Refunding Bonds (Mount Sinai-NYU Medical Center Health System), Series A, 6.625% due 7/01/2010 (c) | 9,015,654 |
| | 2,385 | New York State Dormitory Authority, Non-State Supported Debt, Revenue Refunding Bonds (Mount Sinai-NYU Medical Center Health System), Series A, 6.625% due 7/01/2018 | 2,469,763 |
| | 1,330 | New York State Dormitory Authority, Non-State Supported Debt, Revenue Refunding Bonds (Mount Sinai-NYU Medical Center Health System), Series A, 6.625% due 7/01/2019 | 1,374,887 |
| | 1,000 | New York State Dormitory Authority Revenue Bonds (North Shore - Long Island Jewish Health System), 5% due 5/01/2012 | 1,049,390 |
| | 9,540 | New York State Dormitory Authority Revenue Bonds (School Districts Financing Program), Series D, 5.25% due 10/01/2023 (d) | 9,562,610 |
| | 7,380 | New York State Environmental Facilities Corporation, State Personal Income Tax Revenue Bonds, Series A, 5.25% due 12/15/2014 (c)(h) | 8,081,248 |

BlackRock Muni Intermediate Duration Fund, Inc.

Schedule of Investments as of February 29, 2008 (Unaudited)

(Percentages shown are based on Net Assets)

| State | Par (000) Municipal Bonds | Value |
|-------|------------------------------|-------|
|-------|------------------------------|-------|

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| | | | |
|-------------------------|--------|---|-------------|
| | \$ 60 | New York State Thruway Authority, Local Highway and Bridge Service | |
| | | Contract, Revenue Refunding Bonds, 5.50% due 4/01/2017 | \$ 64,280 |
| | 825 | New York State Urban Development Corporation, Correctional and Youth | |
| | | Facilities Services, Revenue Refunding Bonds, Series A, 5.50% due 1/01/2011 (c) | 878,839 |
| | 10,825 | New York State Urban Development Corporation, Correctional and Youth | |
| | | Facilities Services, Revenue Refunding Bonds, Series A, 5.50% due 1/01/2017 | 11,410,741 |
| | 10,000 | New York State Urban Development Corporation, Personal Income Tax | |
| | | Revenue Bonds (State Facilities), Series A-1, 5.25% due 3/15/2034 (h) | 9,929,500 |
| | 5,000 | Port Authority of New York and New Jersey, Senior Consolidated | |
| | | Revenue Bonds, AMT, 131st Series, 5% due 12/15/2017 (n) | 5,082,750 |
| | 6,510 | Tobacco Settlement Financing Corporation of New York Revenue Bonds, | |
| | | Series A-1, 5.25% due 6/01/2022 (a) | 6,592,872 |
| | 9,750 | Tobacco Settlement Financing Corporation of New York Revenue Bonds, | |
| | | Series C-1, 5.50% due 6/01/2020 (h) | 10,072,043 |
| | 7,000 | Tobacco Settlement Financing Corporation of New York Revenue Bonds, | |
| | | Series C-1, 5.50% due 6/01/2021 | 7,257,530 |
| | 10,000 | Tobacco Settlement Financing Corporation of New York Revenue Bonds, | |
| | | Series C-1, 5.50% due 6/01/2022 | 10,344,400 |
| | | | <hr/> |
| | | | 143,793,804 |
| | | | <hr/> |
| North Carolina - | 3,105 | Gaston County, North Carolina, Industrial Facilities and Pollution Control | |
| 2.3% | | Financing Authority, Revenue Bonds (National Gypsum Company | |
| | | Project), AMT, 5.75% due 8/01/2035 | 2,669,337 |
| | 6,000 | North Carolina Medical Care Commission, Health Care Facilities, First | |
| | | Mortgage Revenue Refunding Bonds (Presbyterian Homes Project), 7% | |
| | | due 10/01/2010 (c) | 6,640,920 |
| | 2,700 | North Carolina Municipal Power Agency Number 1, Catawba Electric | |
| | | Revenue Bonds, Series A, 5.25% due 1/01/2020 (d) | 2,729,673 |
| | | | <hr/> |
| | | | 12,039,930 |
| | | | <hr/> |
| Ohio - 1.2% | 4,820 | Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco | |
| | | Settlement Asset-Backed Bonds, Series A-2, 6.50% due 6/01/2047 | 4,745,386 |
| | 1,280 | | |

| | | | |
|----------------------------|-------|---|------------------|
| | | Port of Greater Cincinnati Development Authority, Ohio, Special Assessment Revenue Bonds (Cooperative Public Parking Infrastructure Project), 6.30% due 2/15/2024 | 1,227,814 |
| | 600 | Trumbull County, Ohio, Health Care Facilities Revenue Bonds (Shepherd of the Valley), VRDN, 8% due 10/01/2031 (b)(o) | 600,000 |
| | | | <u>6,573,200</u> |
| Pennsylvania - 9.2% | 3,500 | Montgomery County, Pennsylvania, IDA, Revenue Bonds (Whitemarsh Continuing Care Project), 6% due 2/01/2021 | 3,272,955 |
| | 7,710 | Pennsylvania Economic Development Financing Authority, Exempt Facilities Revenue Bonds (National Gypsum Company), AMT, Series A, 6.25% due 11/01/2027 | 7,166,214 |
| | 2,895 | Philadelphia, Pennsylvania, Airport Revenue Bonds (Philadelphia Airport System), AMT, Series A, 5% due 6/15/2020 (e) | 2,862,084 |

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BlackRock Muni Intermediate Duration Fund, Inc.

Schedule of Investments as of February 29, 2008 (Unaudited) (Percentages shown are based on Net Assets)

| State | Par (000) Municipal Bonds | | Value |
|-------|------------------------------|--|--------------|
| | \$ 3,905 | Philadelphia, Pennsylvania, Airport Revenue Refunding Bonds (Philadelphia Airport System), AMT, Series B, 5% due 6/15/2019 (e) | \$ 3,907,890 |
| | 7,490 | Philadelphia, Pennsylvania, Gas Works Revenue Refunding Bonds, 1975 General Ordinance, 17th Series, 5.375% due 7/01/2022 (e) | 7,689,459 |
| | 9,630 | Pittsburgh, Pennsylvania, GO, Refunding, Series B, 5.25% due 9/01/2017 (e) | 10,280,892 |
| | 6,430 | Pittsburgh, Pennsylvania, GO, Series C, 5.25% due 9/01/2018 (e) | 6,783,007 |
| | 4,615 | Sayre, Pennsylvania, Health Care Facilities Authority, Revenue Refunding Bonds (Guthrie Healthcare System), Series A, 6.25% due 12/01/2011 (c) | 5,124,035 |
| | 455 | Sayre, Pennsylvania, Health Care Facilities Authority, Revenue Refunding Bonds (Guthrie Healthcare System), Series A, 6.25% due 12/01/2015 | 482,482 |
| | 785 | Sayre, Pennsylvania, Health Care Facilities Authority, Revenue Refunding Bonds (Guthrie Healthcare System), Series A, 6.25% due 12/01/2016 | 827,696 |

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| | | | |
|------------------------------|-------|---|-------------------|
| | 385 | Sayre, Pennsylvania, Health Care Facilities Authority, Revenue Refunding Bonds (Guthrie Healthcare System), Series A, 6.25% due 12/01/2018 | 402,036 |
| | | | <u>48,798,750</u> |
| South Carolina - 2.3% | 8,000 | Georgetown County, South Carolina, Pollution Control Facilities, Revenue Refunding Bonds (International Paper Company Project), Series A, 5.125% due 2/01/2012 | 8,130,240 |
| | 4,250 | Medical University Hospital Authority, South Carolina, Hospital Facilities Revenue Refunding Bonds, Series A, 5.25% due 8/15/2023 (d)(j)(k) | 4,192,412 |
| | | | <u>12,322,652</u> |
| South Dakota - 0.4% | 2,200 | Educational Enhancement Funding Corporation, South Dakota, Series B, 6.50% due 6/01/2032 | 2,173,270 |
| Tennessee - 3.6% | 1,800 | Johnson City, Tennessee, Health and Educational Facilities Board, Retirement Facility Revenue Bonds (Appalachian Christian Village Project), Series A, 6% due 2/15/2019 | 1,703,196 |
| | 2,005 | Memphis-Shelby County, Tennessee, Airport Authority, Airport Revenue Bonds, AMT, Series A, 5.50% due 3/01/2017 (e) | 2,046,363 |
| | 5,255 | Shelby County, Tennessee, Health, Educational and Housing Facility Board, Hospital Revenue Refunding Bonds (Methodist Healthcare), 6% due 9/01/2012 (c) | 5,829,897 |
| | 745 | Shelby County, Tennessee, Health, Educational and Housing Facility Board, Hospital Revenue Refunding Bonds (Methodist Healthcare), 6% due 9/01/2012 (c)(m) | 826,503 |
| | 3,500 | Shelby County, Tennessee, Health, Educational and Housing Facility Board, Hospital Revenue Refunding Bonds (Methodist Healthcare), 6.25% due 9/01/2012 (c) | 3,919,195 |

BlackRock Muni Intermediate Duration Fund, Inc.

Schedule of Investments as of February 29, 2008 (Unaudited)

(Percentages shown are based on Net Assets)

Par

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| State | (000) Municipal Bonds | Value |
|----------------------|-----------------------|-------------------|
| | \$ 3,550 | \$ 3,242,854 |
| | 1,450 | 1,345,586 |
| | | <u>18,913,594</u> |
| Texas - 14.3% | 5,945 | 6,414,001 |
| | 10,260 | 11,197,354 |
| | 1,500 | 1,686,330 |
| | 7,000 | 6,607,930 |
| | 4,000 | 3,748,960 |
| | 5,000 | 5,295,850 |
| | 2,440 | 2,536,453 |
| | 3,000 | 2,885,610 |
| | 5,790 | 5,794,574 |
| | 1,500 | 1,777,755 |
| | 7,420 | 7,653,878 |
| | 2,600 | 2,655,016 |

| | | |
|-------|--|-------------------|
| 5,000 | Sabine River Authority, Texas, PCR, Refunding (TXU Electric Company Project/TXU Energy Company LLC), AMT, Series B, 5.75% due 5/01/2030 | 4,719,950 |
| 7,959 | Texas State Affordable Housing Corporation, S/F Mortgage Revenue Bonds (Professional Educators Home Loan Program), AMT, Series A-3, 5.60% due 2/01/2039 (f)(g) | 7,952,640 |
| 4,997 | Texas State Affordable Housing Corporation, S/F Mortgage Revenue Bonds (Professional Educators Home Loan Program), AMT, Series B, 5.95% due 12/01/2039 (f)(g) | 5,069,257 |
| | | <u>75,995,558</u> |

BlackRock Muni Intermediate Duration Fund, Inc.

Schedule of Investments as of February 29, 2008 (Unaudited)

(Percentages shown are based on Net Assets)

| State | Par (000) Municipal Bonds | | Value |
|--------------------------|------------------------------|--|-------------------|
| Virginia - 4.9% | \$ 3,285 | James City County, Virginia, IDA, Residential Care Facility Revenue Refunding Bonds, Series A, 5.75% due 3/01/2017 | \$ 3,282,700 |
| | 1,150 | James City County, Virginia, IDA, Residential Care Facility Revenue Refunding Bonds, Series A, 6% due 3/01/2023 | 1,123,354 |
| | 2,250 | Loudoun County, Virginia, IDA, IDR, Refunding (Dulles Airport Marriott Hotel), 7.125% due 9/01/2015 | 2,208,645 |
| | 10,735 | Pocahontas Parkway Association, Virginia, Toll Road Revenue Bonds, Senior Series A, 5.50% due 8/15/2008 (c) | 11,096,125 |
| | 7,800 | Tobacco Settlement Financing Corporation of Virginia, Asset-Backed Revenue Bonds, 5.625% due 6/01/2015 (c) | 8,581,560 |
| | | | <u>26,292,384</u> |
| | | | |
| Washington - 2.2% | 1,500 | Seattle, Washington, Municipal Light and Power Revenue Bonds, 5.30% due 12/01/2020 (d) | 1,541,940 |
| | 10,000 | Snohomish County, Washington, School District Number 015 (Edmonds), GO, 5% due 12/01/2019 (h) | 10,245,200 |
| | | | <u>11,787,140</u> |

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| | | | |
|-----------------------------------|--------|---|--------------------|
| Guam - 0.9% | 4,000 | Commonwealth of the Northern Mariana Islands, Guam, GO, Series A, 6.75% due 10/01/2013 (c) | 4,593,200 |
| | 250 | Commonwealth of the Northern Mariana Islands, Guam, GO, Series A, 6.75% due 10/01/2033 | 254,743 |
| | | | <u>4,847,943</u> |
| Puerto Rico - 8.0% | 695 | Puerto Rico Commonwealth, Public Improvement, GO, Refunding, Series B, 5.25% due 7/01/2032 | 643,723 |
| | 17,935 | Puerto Rico Electric Power Authority, Power Revenue Bonds, Series NN, 5.50% due 7/01/2013 (c) | 19,676,309 |
| | 5,390 | Puerto Rico Industrial, Medical and Environmental Pollution Control Facilities Financing Authority, Special Facilities Revenue Bonds (American Airlines Inc.), Series A, 6.45% due 12/01/2025 | 4,843,616 |
| | 5,170 | Puerto Rico Public Buildings Authority, Government Facilities Revenue Refunding Bonds, Series D, 5.25% due 7/01/2027 | 4,784,990 |
| | 8,000 | Puerto Rico Public Buildings Authority, Government Facilities Revenue Refunding Bonds, Series I, 5.50% due 7/01/2014 (c)(p) | 8,768,720 |
| | 3,535 | Puerto Rico Public Finance Corporation, Commonwealth Appropriation Revenue Bonds, Series E, 5.50% due 2/01/2012 (c) | 3,806,276 |
| | | | <u>42,523,634</u> |
| U.S. Virgin Islands - 1.6% | 1,860 | Virgin Islands Government Refinery Facilities, Revenue Refunding Bonds (Hovensa Coker Project), AMT, 6.50% due 7/01/2021 | 1,874,341 |
| | 6,750 | Virgin Islands Public Finance Authority, Refinery Facilities Revenue Bonds (Hovensa Refinery), AMT, 6.125% due 7/01/2022 | 6,561,405 |
| | | | <u>8,435,746</u> |
| | | Total Municipal Bonds (Cost - \$818,565,898) - 152.3% | <u>810,740,891</u> |

BlackRock Muni Intermediate Duration Fund, Inc. (Percentages shown are based on Net Assets)

Schedule of Investments as of February 29, 2008 (Unaudited) Par

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| State | (000) | Municipal Bonds Transferred to Tender Option Bond Trusts (q) | Value |
|---|-----------|--|-----------------------|
| California - 3.4% | \$ 17,730 | California Pollution Control Financing Authority, PCR, Refunding (Pacific Gas and Electric), AMT, Series A, 5.35% due 12/01/2016 (d) | \$ 18,215,625 |
| New York - 2.1% | 11,100 | New York City, New York, Sales Tax Asset Receivable Corporation Revenue Bonds, Series A, 5.25% due 10/15/2027 (a) | 11,160,939 |
| Texas - 6.2% | 31,240 | Harris County, Texas, Toll Road Revenue Refunding Bonds, Senior Lien, Series A, 5.25% due 8/15/2035 (e) | 32,933,208 |
| Total Municipal Bonds Transferred to Tender Option Bond Trusts (Cost - \$63,932,170) - 11.7% | | | 62,309,772 |
| Total Investments (Cost - \$882,498,068*) - 164.0% | | | 873,050,663 |
| Other Assets Less Liabilities - 2.2% | | | 11,913,178 |
| Liability for Trust Certificates, Including Interest Expense Payable - (5.7%) | | | (30,184,280) |
| Preferred Stock, at Redemption Value - (60.5%) | | | (322,320,131) |
| Net Assets Applicable to Common Stock - 100.0% | | | \$ 532,459,430 |

* The cost and unrealized appreciation (depreciation) of investments as of February 29, 2008, as computed for federal income tax purposes, were as follows:

| | |
|-------------------------------|----------------|
| Aggregate cost | \$ 852,360,342 |
| Gross unrealized appreciation | \$ 17,461,133 |
| Gross unrealized depreciation | (26,805,812) |
| Net unrealized depreciation | \$ (9,344,679) |

- (a) AMBAC Insured.
- (b) Variable rate security. Rate shown is interest rate as of report date.
- (c) Prerefunded.
- (d) MBIA Insured.
- (e) FSA Insured.
- (f) FHLMC Collateralized.
- (g) FNMA/GNMA Collateralized.
- (h) FGIC Insured.

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- (i) Non-income producing security; issuer filed for bankruptcy or is in default of interest payments.
- (j) FHA Insured.
- (k) Federal Housing Administration/Veterans' Administration Mortgages packaged by the Federal National Mortgage Association.
- (l) XL Capital Insured.
- (m) Represents a pay-in-kind security which may pay interest/dividends in additional face/shares.
- (n) CIFG Insured.
- (o) Radian Insured.
- (p) Commonwealth Guaranteed.
- (q) Securities represent underlying bonds transferred to a separate securitization trust established in a tender option bond transaction in which the Trust may have acquired the residual interest certificates. These securities serve as collateral in a financing transaction.

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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 Muni Intermediate Duration Fund, Inc.

By: /s/ Donald C. Burke
Donald C. Burke
Chief Executive Officer of

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BlackRock Muni Intermediate Duration Fund, Inc.

Date: April 23, 2008

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

By: /s/ Donald C. Burke

Donald C. Burke

Chief Executive Officer (principal executive officer) of
BlackRock Muni Intermediate Duration Fund, Inc.

Date: April 23, 2008

By: /s/ Neal J. Andrews

Neal J. Andrews

Chief Financial Officer (principal financial officer) of
BlackRock Muni Intermediate Duration Fund, Inc.

Date: April 23, 2008
