

BLACKROCK MUNI INTERMEDIATE DURATION FUND INC
 Form N-Q
 April 26, 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 811-21348

Name of Fund: BlackRock Muni Intermediate Duration 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 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: (609) 282-2800

Date of fiscal year end: 05/31/2007

Date of reporting period: 12/01/06 - 02/28/07

Item 1 - Schedule of Investments

BlackRock Muni Intermediate Duration Fund, Inc.

Schedule of Investments as of February 28, 2007

| State | Face Amount | Municipal Bonds |
|----------------|-------------|---|
| Alabama - 3.4% | \$ 5,500 | Jefferson County, Alabama, Limited Obligation School Warrants, S 5.50% due 1/01/2021 |
| | 6,500 | Jefferson County, Alabama, Limited Obligation School Warrants, S 5.25% due 1/01/2023 |
| | 6,600 | Tuscaloosa, Alabama, Special Care Facilities Financing Authority Care Facility Revenue Bonds (Capstone Village, Inc. Project), Se due 8/01/2025 |
| Arizona - 2.6% | 2,560 | Coconino County, Arizona, Pollution Control Corporation Revenue Public Service Co.-Navajo Project), VRDN, AMT, Series A, 3.70% d |
| | 2,820 | Maricopa County, Arizona, IDA, Education Revenue Bonds (Arizona Project 1), Series A, 6.625% due 7/01/2020 |
| | 3,000 | Navajo County, Arizona, IDA, IDR (Stone Container Corporation Pr 7.20% due 6/01/2027 |
| | 995 | Pima County, Arizona, IDA, Education Revenue Bonds (Arizona Char Project), Series C, 6.70% due 7/01/2021 |
| | 1,750 | Pima County, Arizona, IDA, Education Revenue Bonds (Arizona Char Project), Series K/L, 6.375% due 7/01/2031 |
| | 3,630 | Vistancia Community Facilities District, Arizona, GO, 5% due 7/1 |

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| Arkansas - 0.7% | 3,755 | Conway, Arkansas, Public Facilities Board, Capital Improvement R Bonds (Hendrix College Projects), Series B, 5% due 10/01/2026 |
| California - 21.9% | 5,000 | California State Department of Water Resources, Power Supply Rev Series A, 5.375% due 5/01/2012 (g) |
| | 14,795 | California State, GO, 5.50% due 4/01/2014 (g) |
| | 795 | California State, GO, 5.50% due 4/01/2028 |
| | 5,000 | California State, GO, Refunding, 5.25% due 2/01/2027 (f) |
| | 10,000 | California State Public Works Board, Lease Revenue Bonds (Depart Corrections), Series C, 5.50% due 6/01/2020 |
| | 2,500 | California Statewide Communities Development Authority, Health F Bonds (Memorial Health Services), Series A, 6% due 10/01/2023 |
| | 2,400 | Elk Grove, California, Poppy Ridge Community Facilities Number 3 Series 1, 6% due 9/01/2008 (g) |
| | 35,265 | Los Angeles, California, Unified School District, GO, Series A, 7/01/2013 (f) (g) |
| | 10,135 | Peralta, California, Community College District, GO (Election of 5% due 8/01/2030 (e) |
| | 1,515 | Rowland, California, Unified School District, GO (Election of 20 5.25% due 8/01/2027 (e) |

Portfolio Abbreviations

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.

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|------|--------------------------------------|
| AMT | Alternative Minimum Tax (subject to) |
| COP | Certificates of Participation |
| EDA | Economic Development Authority |
| EDR | Economic Development Revenue Bonds |
| GO | General Obligation Bonds |
| IDA | Industrial Development Authority |
| IDB | Industrial Development Board |
| IDR | Industrial Development Revenue Bonds |
| PCR | Pollution Control Revenue Bonds |
| S/F | Single-Family |
| VRDN | Variable Rate Demand Notes |

BlackRock Muni Intermediate Duration Fund, Inc.

Schedule of Investments as of February 28, 2007 (concluded)

| State | Face Amount | Municipal Bonds |
|---------------------------|----------------|---|
| California (concluded) | \$ 585 | Sacramento, California, Special Tax (North Natomas Community Fac Series 4-C, 5.60% due 9/01/2020 |
| | 1,720 | Sacramento, California, Special Tax (North Natomas Community Fac Series 4-C, 5.75% due 9/01/2022 |
| | 500 | Sacramento, California, Special Tax (North Natomas Community Fac Series 4-C, 5.90% due 9/01/2023 |

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| | 3,000 | Sacramento, California, Special Tax (North Natomas Community Fac Series 4-C, 6% due 9/01/2028 |
| | 2,295 | San Francisco, California, City and County, GO (Branch Library F Improvements), Series G, 5% due 6/15/2023 (f) |
| | 3,000 | San Jose, California, Airport Revenue Bonds, Series A, 5.25% due |
| | 3,100 | San Jose, California, GO (Libraries, Parks and Public Safety Pro 9/01/2030 (f) |
| | 9,030 | Sequoia, California, Unified High School District, GO, Refunding due 7/01/2035 (e) |
| | 4,875 | Tamalpais, California, Union High School District, GO (Election due 8/01/2028 (e) |
| | 2,610 | Tustin, California, Unified School District, Senior Lien Special (Community Facilities District Number 97-1), Series A, 5% due 9/01/2028 (e) |
| Colorado - 2.5% | 2,000 | Denver, Colorado, City and County Airport Revenue Refunding Bond due 11/15/2023 (f) |
| | 800 | Elk Valley, Colorado, Public Improvement Revenue Bonds (Public I Series A, 7.10% due 9/01/2014 |
| | 2,250 | Montrose, Colorado, Memorial Hospital, Revenue Bonds, 6.375% due |
| | 7,500 | Plaza Metropolitan District Number 1, Colorado, Tax Allocation R (Public Improvement Fees), 7.50% due 12/01/2015 |
| | 1,000 | Southlands, Colorado, Medical District, GO (Metropolitan Distric due 12/01/2016 |
| Connecticut - 1.9% | 1,160 | Connecticut State Development Authority, Airport Facility Revenue Inc. Project), AMT, 7.95% due 4/01/2026 |
| | 8,000 | Connecticut State Development Authority, PCR, Refunding (Connect Power Company), Series A, 5.85% due 9/01/2028 |
| | 1,250 | South Central Connecticut Regional Water Authority, Water System Bonds, Fifteenth, Series A, 5.125% due 8/01/2009 (c) (g) |
| Florida - 5.3% | 2,935 | Harbor Bay, Florida, Community Development District, Capital Imp Assessment Bonds, 6.75% due 5/01/2034 |
| | 1,085 | Heritage Isle at Viera Community Development District, Florida, Bonds, Series B, 5% due 11/01/2009 |
| | 1,900 | Lee County, Florida, Hospital Board of Directors, Hospital Reven Health System), VRDN, Series A, 3.65% due 4/01/2025 (h) |
| | 5,500 | Miami-Dade County, Florida, Aviation Revenue Refunding Bonds (Mi Airport), AMT, 5.75% due 10/01/2019 (c) |
| | 3,500 | Midtown Miami, Florida, Community Development District, Special Bonds, Series A, 6% due 5/01/2024 |
| | 2,000 | Midtown Miami, Florida, Community Development District, Special Bonds, Series B, 6.50% due 5/01/2037 |
| | 3,670 | Orange County, Florida, Health Facilities Authority, Health Care Bonds (Orlando Lutheran Towers), 5% due 7/01/2013 |
| | 930 | Orlando, Florida, Urban Community Development District, Capital Assessment Bonds, 6% due 5/01/2020 |
| | 1,085 | Portofino Shores, Florida, Community Development District, Speci Series A, 6.40% due 5/01/2034 |
| | 2,390 | South Lake County, Florida, Hospital District Revenue Bonds (Sou Inc.), 6.625% due 10/01/2023 |
| | 430 | Sterling Hill, Florida, Community Development District, Capital Refunding Bonds, Series B, 5.50% due 11/01/2010 |
| | 4,000 | University of Florida Research Foundation Inc., Capital Improvem 5.125% due 9/01/2033 (a) |
| Georgia - 3.1% | 1,500 | Atlanta, Georgia, Tax Allocation Bonds (Atlantic Station Project 12/01/2024 |
| | 5,395 | Brunswick and Glynn County, Georgia, Development Authority, Firs Revenue Bonds (Coastal Community Retirement Corporation Project) 7.125% due 1/01/2025 |
| | 2,800 | Brunswick and Glynn County, Georgia, Development Authority, Firs |

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| | | Revenue Bonds (Coastal Community Retirement Corporation Project) due 1/01/2035 |
| | 4,500 | Fulton County, Georgia, Residential Care Facilities, Revenue Ref (Canterbury Court Project), Series A, 5.80% due 2/15/2018 |
| | 1,245 | Savannah, Georgia, EDA, First Mortgage Revenue Bonds (Marshes of Series A, 6.25% due 1/01/2012 |
| | 2,245 | Savannah, Georgia, EDA, First Mortgage Revenue Bonds (Marshes of Series A, 6.85% due 1/01/2019 |
| Idaho - 0.8% | 4,000 | Boise City, Idaho, COP, AMT, 5.50% due 9/01/2025 (c) |
| | 370 | Idaho Housing and Finance Association, S/F Mortgage Revenue Bond Series F-2, 5.85% due 7/01/2015 (d) (k) |
| Illinois - 3.7% | 2,510 | Chicago, Illinois, O'Hare International Airport Revenue Bonds, T Series B-2, 6% due 1/01/2029 (j) |
| | 6,000 | Hodgkins, Illinois, Environmental Improvement Revenue Bonds (Met Management LLC Project), AMT, 5.90% due 11/01/2017 |
| | 6,930 | Illinois, Development Finance Authority Revenue Bonds (Community Providers Facilities), Series A, 6.625% due 7/01/2032 |
| | 1,400 | Illinois Health Facilities Authority, Revenue Refunding Bonds (U Chicago Hospitals), VRDN, 3.64% due 8/01/2026 (f) (h) |
| | 1,800 | Illinois State Finance Authority Revenue Bonds (Landing At Plymo Series A, 6% due 5/15/2025 |
| | 1,580 | Village of Wheeling, Illinois, Revenue Bonds (North Milwaukee/La Increment Financing (TIF) Redevelopment Project), 6% due 1/01/20 |
| Indiana - 0.8% | 4,300 | Indiana Transportation Finance Authority, Highway Revenue Bonds, due 6/01/2028 (e) |
| Louisiana - 2.2% | 6,965 | Louisiana Public Facilities Authority Revenue Bonds (University Research and Technology Foundation, Inc. - Student Housing Proje 3/01/2026 (f) |
| | 5,000 | Port New Orleans, Louisiana, IDR, Refunding (Continental Grain C 6.50% due 1/01/2017 |
| Maine - 0.3% | 1,965 | Portland, Maine, Housing Development Corporation, Senior Living (Avesta Housing Development Corporation Project), Series A, 6% d |
| Maryland - 0.1% | 500 | Maryland State Industrial Development Financing Authority, EDR (Counsel School), Series A, 6% due 5/01/2035 |
| Massachusetts - 4.9% | 4,560 | Massachusetts Bay Transportation Authority, Sales Tax Revenue Re Senior Series A, 5% due 7/01/2012 (g) |
| | 7,695 | Massachusetts Bay Transportation Authority, Special Assessment R Bonds, Series A, 5% due 7/01/2015 (g) |
| | 1,210 | Massachusetts State Development Finance Agency, Resource Recover (Ogden Haverhill Associates), AMT, Series B, 5.35% due 12/01/201 |
| | 2,000 | Massachusetts State Development Finance Agency, Resource Recover (Ogden Haverhill Associates), AMT, Series B, 5.50% due 12/01/201 |
| | 3,000 | Massachusetts State Industrial Finance Agency, Resource Recovery Bonds (Ogden Haverhill Project), AMT, Series A, 5.30% due 12/01/ |
| | 8,325 | Massachusetts State School Building Authority, Dedicated Sales T Series A, 5% due 8/15/2030 (e) |
| Michigan - 1.3% | 2,325 | Macomb County, Michigan, Hospital Finance Authority, Hospital Re Clemens General Hospital), Series B, 5.875% due 11/15/2034 |
| | 4,795 | Michigan State Hospital Finance Authority, Revenue Refunding Bon Obligated Group), Series A, 6% due 4/01/2022 |
| Minnesota - 1.0% | 1,000 | Minneapolis and Saint Paul, Minnesota, Housing and Redevelopment Care System Revenue Bonds (Group Health Plan Inc. Project), 6% d |
| | 2,545 | Minneapolis and Saint Paul, Minnesota, Housing and Redevelopment |

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| | 2,000 | Care System Revenue Bonds (Group Health Plan Inc. Project), 6% due 10/01/2024 Minnesota State Municipal Power Agency, Electric Revenue Bonds, due 10/01/2024 |
| Mississippi - 1.4% | 5,000 | Mississippi Business Finance Corporation, Mississippi, PCR, Refunding (Energy Resources Inc. Project), 5.875% due 4/01/2022 |
| | 2,910 | Mississippi Business Finance Corporation, Mississippi, PCR, Refunding (Energy Resources Inc. Project), 5.90% due 5/01/2022 |
| Missouri - 0.4% | 2,050 | Missouri Development Finance Board, Cultural Facilities Revenue Bonds (Galleria Foundation), VRDN, Series B, 3.63% due 12/01/2031 (f) (h) |
| Nevada - 0.4% | 2,245 | Clark County, Nevada, Improvement District Number 142, Special Assessment Bonds, 6.375% due 8/01/2023 |
| New Jersey - 13.5% | 3,635 | Garden State Preservation Trust of New Jersey, Open Space and Facilities Revenue Bonds, Series A, 5.80% due 11/01/2021 (e) |
| | 5,050 | Garden State Preservation Trust of New Jersey, Open Space and Facilities Revenue Bonds, Series A, 5.80% due 11/01/2023 (e) |
| | 10,950 | New Jersey EDA, Cigarette Tax Revenue Bonds, 5.625% due 6/15/2018 |
| | 9,810 | New Jersey EDA, Cigarette Tax Revenue Bonds, 5.75% due 6/15/2029 |
| | 17,900 | New Jersey EDA, Motor Vehicle Surcharge Revenue Bonds, Series A, 7/01/2033 (f) |
| | 5,540 | New Jersey EDA, Special Facility Revenue Bonds (Continental Airlines AMT), 6.625% due 9/15/2012 |
| | 5,000 | New Jersey EDA, Water Facilities Revenue Refunding Bonds (American Airlines Series B), 5.125% due 4/01/2022 (a) |
| | 4,215 | New Jersey State Transportation Trust Fund Authority, Transportation Bonds, Series D, 5% due 6/15/2018 (a) |
| | 11,120 | New Jersey State Transportation Trust Fund Authority, Transportation Bonds, Series D, 5% due 6/15/2019 (e) |
| New Mexico - 3.9% | 3,000 | Farmington, New Mexico, PCR, Refunding (Public Service Company of New Mexico Juan Project), Series D, 6.375% due 4/01/2022 |
| | 9,000 | Farmington, New Mexico, PCR, Refunding (Tucson Electric Power Company Project), Series A, 6.95% due 10/01/2020 |
| | 9,520 | New Mexico Finance Authority, Senior Lien State Transportation Revenue Bonds, Series A, 5.125% due 6/15/2018 (f) |
| New York - 25.8% | 1,090 | Dutchess County, New York, IDA, Civic Facility Revenue Bonds (Sage Hill Hospital), Series B, 7.25% due 3/01/2019 |
| | 10,500 | Metropolitan Transportation Authority, New York, Revenue Refunding Bonds, 5.75% due 11/15/2032 |
| | 875 | New York City, New York, City IDA, Civic Facility Revenue Bonds (Facilities Pooled Program), Series C-1, 5.50% due 7/01/2007 |
| | 3,500 | New York City, New York, City IDA, Special Facility Revenue Bonds (American Airlines Inc. Project), AMT, 8.375% due 11/01/2016 |
| | 1,110 | New York City, New York, City Transitional Finance Authority, Full-Fledged Revenue Bonds, Series C, 5.50% due 5/01/2009 (g) |
| | 5,000 | New York City, New York, GO, Refunding, Series B, 5.75% due 8/01/2019 |
| | 2,055 | New York City, New York, IDA, Civic Facility Revenue Bonds (Special Facilities Pooled Program), Series C-1, 6.80% due 7/01/2019 |
| | 9,070 | New York City, New York, Sales Tax Asset Receivable Corporation, Revenue Bonds, Series A, 5% due 10/15/2020 (f) |
| | 5,580 | New York State Dormitory Authority, Lease Revenue Refunding Bonds (Facilities), Series A, 5.25% due 5/15/2012 |
| | 4,615 | New York State Dormitory Authority, Non-State Supported Debt, Revenue Bonds (Mount Sinai-NYU Medical Center Health System), Series A, 7/01/2010 (g) |
| | 3,670 | New York State Dormitory Authority, Non-State Supported Debt, Revenue Bonds (Mount Sinai-NYU Medical Center Health System), Series A, 7/01/2010 (g) |

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| | 2,385 | New York State Dormitory Authority, Non-State Supported Debt, Revenue Bonds (Mount Sinai-NYU Medical Center Health System), Series A, 7/01/2018 |
| | 1,330 | New York State Dormitory Authority, Non-State Supported Debt, Revenue Bonds (Mount Sinai-NYU Medical Center Health System), Series A, 7/01/2018 |
| | 1,000 | New York State Dormitory Authority Revenue Bonds (North Shore L.I.C.), Series A, 5% due 5/01/2012 |
| | 9,540 | New York State Dormitory Authority Revenue Bonds (School District of Westchester Program), Series D, 5.25% due 10/01/2023 (f) |
| | 7,775 | New York State Dormitory Authority, Revenue Refunding Bonds (City of New York City System), Consolidated Second Generation, Series A, 6.125% due 7/01/2018 |
| | 7,380 | New York State Environmental Facilities Corporation, State Personal Income Tax Revenue Bonds, Series A, 5.25% due 12/15/2014 (c)(g) |
| | 60 | New York State Thruway Authority, Local Highway and Bridge Services Revenue Refunding Bonds, 5.50% due 4/01/2017 |
| | 825 | New York State Urban Development Corporation, Correctional and Youth Services, Revenue Refunding Bonds, Series A, 5.50% due 1/01/2011 |
| | 10,825 | New York State Urban Development Corporation, Correctional and Youth Services, Revenue Refunding Bonds, Series A, 5.50% due 1/01/2017 |
| | 10,000 | New York State Urban Development Corporation, Personal Income Tax Revenue Bonds (State Facilities), Series A-1, 5.25% due 3/15/2034 (c) |
| | 5,000 | Port Authority of New York and New Jersey, Senior Consolidated Revenue Bonds, 131st Series, 5% due 12/15/2017 (b) |
| | 3,340 | Tobacco Settlement Financing Corporation of New York Revenue Bonds, Series A, 5.50% due 6/01/2016 |
| | 6,510 | Tobacco Settlement Financing Corporation of New York Revenue Bonds, Series A, 5.25% due 6/01/2022 (a) |
| | 9,750 | Tobacco Settlement Financing Corporation of New York Revenue Bonds, Series A, 5.50% due 6/01/2020 (c) |
| | 7,000 | Tobacco Settlement Financing Corporation of New York Revenue Bonds, Series A, 5.50% due 6/01/2021 |
| | 10,000 | Tobacco Settlement Financing Corporation of New York Revenue Bonds, Series A, 5.50% due 6/01/2022 |
| North Carolina - 1.7% | 3,105 | Gaston County, North Carolina, Industrial Facilities and Pollution Control Financing Authority, Revenue Bonds (National Gypsum Company Project), 5.50% due 8/01/2035 |
| | 6,000 | North Carolina Medical Care Commission, Health Care Facilities, Revenue Refunding Bonds (Presbyterian Homes Project), 7% due 10/01/2018 |
| Ohio - 0.2% | 1,280 | Port of Greater Cincinnati Development Authority, Ohio, Special Revenue Bonds (Cooperative Public Parking Infrastructure Project), 6.30% due 10/01/2018 |
| Pennsylvania - 6.4% | 3,500 | Montgomery County, Pennsylvania, IDA, Revenue Bonds (Whitemarsh Township Project), 6% due 2/01/2021 |
| | 7,710 | Pennsylvania Economic Development Financing Authority, Exempt Facility Revenue Bonds (National Gypsum Company), AMT, Series A, 6.25% due 11/01/2018 |
| | 7,490 | Philadelphia, Pennsylvania, Gas Works Revenue Refunding Bonds, Series A, Ordinance, 17th Series, 5.375% due 7/01/2022 (e) |
| | 9,630 | Pittsburgh, Pennsylvania, GO, Refunding, Series B, 5.25% due 9/01/2018 |
| | 1,750 | Sayre, Pennsylvania, Health Care Facilities Authority, Revenue Bonds (Guthrie Healthcare System), Series A, 6.25% due 12/01/2015 |
| | 3,000 | Sayre, Pennsylvania, Health Care Facilities Authority, Revenue Bonds (Guthrie Healthcare System), Series A, 6.25% due 12/01/2016 |
| | 1,490 | Sayre, Pennsylvania, Health Care Facilities Authority, Revenue Bonds (Guthrie Healthcare System), Series A, 6.25% due 12/01/2018 |
| South Carolina - 2.2% | 8,000 | Georgetown County, South Carolina, Pollution Control Facilities, Revenue Bonds (International Paper Company Project), Series A, 5.125% due 10/01/2018 |
| | 4,250 | Medical University Hospital Authority, South Carolina, FHA-Insured Revenue Bonds, Series A, 5.25% due 8/15/2018 |

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| Tennessee - 4.9% | 300 | Blount County, Tennessee, Public Building Authority, Local Government Improvement Revenue Bonds, VRDN, Series A3A, 3.64% due 6/01/2026 |
| | 1,800 | Johnson City, Tennessee, Health and Educational Facilities Board Facility Revenue Bonds (Appalachian Christian Village Project), due 2/15/2019 |
| | 5,000 | McMinn County, Tennessee, IDB, PCR (Calhoun Newsprint Co. Project) due 3/01/2016 |
| | 2,005 | Memphis-Shelby County, Tennessee, Airport Authority, Airport Revenue Series A, 5.50% due 3/01/2017 (e) |
| | 4,000 | Sevier County, Tennessee, Public Building Authority, Local Government Improvement Revenue Bonds, VRDN, Series IV-F-1, 3.64% due 6/01/2026 |
| | 3,550 | Shelby County, Tennessee, Health, Educational & Housing Facilities Revenue Bonds (Germantown Village), Series A, 6.75% due 12/01/2018 |
| | 1,450 | Shelby County, Tennessee, Health, Educational & Housing Facilities Revenue Bonds (Germantown Village), Series A, 7% due 12/01/2023 |
| | 745 | Shelby County, Tennessee, Health, Educational and Housing Facilities Revenue Refunding Bonds (Methodist Healthcare), 6% due 9/01/2012 |
| | 1,495 | Shelby County, Tennessee, Health, Educational and Housing Facilities Revenue Refunding Bonds (Methodist Healthcare), 6% due 9/01/2012 |
| | 1,255 | Shelby County, Tennessee, Health, Educational and Housing Facilities Revenue Refunding Bonds (Methodist Healthcare), 6% due 9/01/2012 |
| | 2,505 | Shelby County, Tennessee, Health, Educational and Housing Facilities Revenue Refunding Bonds (Methodist Healthcare), 6% due 9/01/2012 |
| | 1,310 | Shelby County, Tennessee, Health, Educational and Housing Facilities Revenue Refunding Bonds (Methodist Healthcare), 6.25% due 9/01/2012 |
| | 2,190 | Shelby County, Tennessee, Health, Educational and Housing Facilities Revenue Refunding Bonds (Methodist Healthcare), 6.25% due 9/01/2012 |
| Texas - 12.0% | 6,230 | Austin, Texas, Convention Center Revenue Bonds (Convention Center First Tier, Series A, 6.375% due 1/01/2011 (g) |
| | 10,260 | Austin, Texas, Convention Center Revenue Bonds (Convention Center First Tier, Series A, 6.70% due 1/01/2011 (g) |
| | 500 | Bell County, Texas, Health Facilities Development Corporation, Health Facilities Revenue Bonds (Scott & White Memorial Hospital), VRDN, Series B-2, 3.64% due 6/01/2026 |
| | 1,500 | Bexar County, Texas, Health Facilities Development Corporation, Health Facilities Revenue Bonds (Army Retirement Residence Project), 6.30% due 7/01/2012 (g) |
| | 1,500 | Brazos River Authority, Texas, PCR, Refunding (TXU Energy Company Project), AMT, Series A, 6.75% due 4/01/2038 |
| | 5,085 | Brazos River Authority, Texas, PCR, Refunding (Texas Utility Company Project), Series A, 7.70% due 4/01/2033 |
| | 4,000 | Dallas-Fort Worth, Texas, International Airport Facility Improvement Revenue Bonds (Learjet Inc.), AMT, Series A-1, 6.15% due 1/01/2029 |
| | 5,000 | Dallas-Fort Worth, Texas, International Airport Facility Improvement Revenue Refunding Bonds, AMT, Series A-2, 9% due 5/01/2029 |
| | 2,440 | Gulf Coast, Texas, IDA, Solid Waste Disposal Revenue Bonds (Citgo Corporation Project), AMT, 7.50% due 5/01/2025 |
| | 3,000 | Gulf Coast Waste Disposal Authority, Texas, Revenue Refunding Bonds (Citgo Paper Company), AMT, Series A, 6.10% due 8/01/2024 |
| | 5,790 | Houston, Texas, Airport System Revenue Refunding Bonds, Sub-Lien Series A, 5.50% due 7/01/2023 (e) |
| | 1,500 | Houston, Texas, Health Facilities Development Corporation, Retirement Revenue Bonds (Buckingham Senior Living Community), Series A, 7% due 6/01/2026 |
| | 7,420 | Lower Colorado River Authority, Texas, PCR (Samsung Austin Semiconductor Project), Series A, 6.95% due 4/01/2030 |
| | 2,600 | Matagorda County, Texas, Navigation District Number 1, Revenue Refunding Bonds (Reliant Energy Inc.), Series C, 8% due 5/01/2029 |
| | 2,300 | Port Corpus Christi, Texas, Individual Development Corporation, Facilities Revenue Bonds (Citgo Petroleum Corporation Project), Series A, 6.75% due 11/01/2031 |
| | 5,000 | Sabine River Authority, Texas, PCR, Refunding (TXU Electric Company Project), Energy Company LLC), AMT, Series B, 5.75% due 5/01/2030 |

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| Utah - 0.2% | 900 | Emery County, Utah, PCR, Refunding (PacifiCorp Projects), VRDN, 11/01/2024 (a) (h) |
| Virginia - 4.5% | 3,285 | James City County, Virginia, IDA, Residential Care Facility Revenue Bonds, Series A, 5.75% due 3/01/2017 |
| | 1,150 | James City County, Virginia, IDA, Residential Care Facility Revenue Bonds, Series A, 6% due 3/01/2023 |
| | 2,250 | Loudoun County, Virginia, IDA, IDR, Refunding (Dulles Airport Mass Transit), 7.125% due 9/01/2015 |
| | 10,735 | Pocahontas Parkway Association, Virginia, Toll Road Revenue Bonds, Series A, 5.50% due 8/15/2008 (g) |
| | 7,800 | Tobacco Settlement Financing Corporation of Virginia, Asset-Backed Securities, Series A, 5.625% due 6/01/2037 |
| Washington - 2.1% | 1,500 | Seattle, Washington, Municipal Light and Power Revenue Bonds, Series A, 5.00% due 12/01/2020 (f) |
| | 10,000 | Snohomish County, Washington, School District Number 015 (Edmondson), 5.00% due 12/01/2019 (c) |
| Guam - 0.8% | 4,250 | Commonwealth of the Northern Mariana Islands, Guam, GO, Series A, 5.00% due 10/01/2033 |
| Puerto Rico - 7.7% | 1,820 | Puerto Rico Commonwealth, Public Improvement, GO, Refunding, Series A, 7.75% due 7/01/2032 |
| | 17,935 | Puerto Rico Electric Power Authority, Power Revenue Bonds, Series A, 7.75% due 7/01/2018 |
| | 5,390 | Puerto Rico Industrial, Medical and Environmental Pollution Control Financing Authority, Special Facilities Revenue Bonds (American Express), Series A, 6.45% due 12/01/2025 |
| | 5,170 | Puerto Rico Public Buildings Authority, Government Facilities Revenue Bonds, Series D, 5.25% due 7/01/2027 |
| | 8,000 | Puerto Rico Public Buildings Authority, Government Facilities Revenue Bonds, Series I, 5.50% due 7/01/2021 |
| | 3,535 | Puerto Rico Public Finance Corporation, Commonwealth Appropriations, Series E, 5.50% due 8/01/2029 |
| U.S. Virgin Islands - 1.6% | 1,860 | Virgin Islands Government Refinery Facilities, Revenue Refunding Bonds (Coker Project), AMT, 6.50% due 7/01/2021 |
| | 6,750 | Virgin Islands Public Finance Authority, Refinery Facilities Revenue Bonds (Hovensa Refinery), AMT, 6.125% due 7/01/2022 |
| Total Municipal Bonds (Cost - \$814,809) - 146.2% | | |
| Municipal Bonds Held in Trust (I) | | |
| California - 3.2% | 17,730 | California Pollution Control Financing Authority, PCR, Refunding and Electric), AMT, Series A, 5.35% due 12/01/2016 (f) |
| New York - 2.1% | 11,100 | New York City, New York, Sales Tax Asset Receivable Corporation, Series A, 5.25% due 10/15/2027 (a) |
| Texas - 5.6% | 31,240 | Harris County, Texas, Toll Road Revenue Refunding Bonds, Senior Series A, 5.25% due 8/15/2035 (e) |
| Total Municipal Bonds Held in Trust (Cost - \$63,151) - 10.9% | | |
| Total Investments (Cost - \$877,960*) - 157.1% | | |
| Other Assets Less Liabilities - 2.7% | | |
| Liability for Trust Certificates, Including Interest Expense Payable | | |

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Preferred Stock, at Redemption Value - (54.7%)

Net Assets Applicable to Common Stock - 100.0%

* The cost and unrealized appreciation (depreciation) of investments as of February 28, 2007, as computed for federal income tax purposes, were as follows:

| | | |
|-------------------------------|-------|---------|
| Aggregate cost | \$ | 848,384 |
| | ===== | |
| Gross unrealized appreciation | \$ | 42,216 |
| Gross unrealized depreciation | | (440) |
| | ----- | |
| Net unrealized appreciation | \$ | 41,776 |
| | ===== | |

- (a) AMBAC Insured.
- (b) CIFG Insured.
- (c) FGIC Insured.
- (d) FHA Insured.
- (e) FSA Insured.
- (f) MBIA Insured.
- (g) Prerefunded.
- (h) 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.
- (i) 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.
- (j) XL Capital Insured.
- (k) Federal Housing Administration/Veterans' Administration Mortgages packaged by the Federal National Mortgage Association.

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) - As of September 29, 2006, with the conclusion of the combination of Merrill Lynch's asset management business with BlackRock, the

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registrant was migrated to BlackRock's trading and compliance monitoring systems, and various personnel changes occurred. In conjunction with these business improvements, there were no changes in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under Act (17 CFR 270.30a-3(d)) that occurred during the last fiscal quarter that has materially affected, or is reasonably likely to 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/ Robert C. Doll, Jr.

Robert C. Doll, Jr.
Chief Executive Officer
BlackRock Muni Intermediate Duration Fund, Inc.

Date: April 23, 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 Muni Intermediate Duration Fund, Inc.

Date: April 23, 2007

By: /s/ Donald C. Burke

Donald C. Burke
Chief Financial Officer
BlackRock Muni Intermediate Duration Fund, Inc.

Date: April 23, 2007