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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.

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/
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 Revenue Bonds, Series D, 5% due 6/15/2018 (a)
	11,120	New Jersey State Transportation Trust Fund Authority, Transportation Revenue 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 7/01/2023 (g)
	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), Series A, 5.50% due 8/01/2035
	6,000	North Carolina Medical Care Commission, Health Care Facilities, Revenue Refunding Bonds (Presbyterian Homes Project), 7% due 10/01/2022
Ohio - 0.2%	1,280	Port of Greater Cincinnati Development Authority, Ohio, Special Revenue Bonds (Cooperative Public Parking Infrastructure Project), 6.30% due 12/01/2022
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 11/01/2022
	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 9/01/2022
	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 12/01/2022
	4,250	Medical University Hospital Authority, South Carolina, FHA-Insured Revenue Bonds, Series A, 5.25% due 8/15/2022

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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), 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), 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