

BLACKROCK MUNI INTERMEDIATE DURATION FUND INC

Form N-Q

September 28, 2011

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: John M. Perlowski, Chief Executive Officer, BlackRock Muni Intermediate Duration Fund, Inc., 55 East 52<sup>nd</sup> Street, New York, NY 10055

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

Date of fiscal year end: 04/30/2012

Date of reporting period: 07/31/2011

Item 1 – Schedule of Investments

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Schedule of Investments July 31, 2011 (Unaudited)

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

|   | Par<br>(000) | Value        |
|---|--------------|--------------|
| <b>Municipal Bonds</b>  |              |              |
| <b>Alabama 2.8%</b>   |              |              |
| Birmingham Special Care Facilities<br>Financing Authority, RB, Children s<br>Hospital, Children s Hospital (AGC),<br>6.00%, 6/01/34 | \$ 4,615     | \$ 4,963,525 |
| County of Jefferson Alabama, RB,<br>Series A:<br>5.50%, 1/01/21   | 5,500        | 5,036,075    |
| 5.25%, 1/01/23  | 6,500        | 5,789,940    |
|   |              | 15,789,540   |
| <b>Arizona 4.8%</b>   |              |              |
| City of Tucson Arizona, COP (AGC):<br>4.25%, 7/01/21  | 1,870        | 1,956,375    |
| 4.25%, 7/01/22  | 1,895        | 1,952,817    |
| 4.50%, 7/01/24  | 2,120        | 2,171,028    |
| City of Tucson Arizona, COP, Refunding<br>(AGC), 4.00%, 7/01/20   | 2,325        | 2,429,718    |
| Maricopa County IDA Arizona, RB,<br>Arizona Charter Schools Project,<br>Series A, 6.63%, 7/01/20                                    | 2,300        | 1,783,765    |
| Pima County IDA, RB:<br>Arizona Charter Schools<br>Project, Series C, 6.70%,<br>7/01/21   | 960          | 961,123      |
| Charter Schools, Series K,<br>6.38%, 7/01/31  | 930          | 862,817      |
| Pima County IDA, Refunding RB, Tucson<br>Electric Power Co., San Juan Series A,<br>4.95%, 10/01/20                                  | 2,325        | 2,311,143    |
| Salt River Project Agricultural<br>Improvement & Power District, RB,<br>Series A, 5.00%, 1/01/25                                    | 4,000        | 4,325,600    |
| Scottsdale IDA, RB, Scottsdale<br>Healthcare, Series C (AGC), 5.00%,<br>9/01/35   | 3,650        | 3,629,597    |
| State of Arizona, COP, Department of<br>Administration, Series A (AGM),<br>4.25%, 10/01/23  | 1,000        | 1,013,050    |
| University of Arizona, RB, Speed, 5.00%,<br>8/01/28   | 3,630        | 3,837,890    |
|   |              | 27,234,923   |

|  | Par<br>(000) | Value        |
|--|--------------|--------------|
| <b>Municipal Bonds</b>   |              |              |
| <b>California 12.0%</b>  |              |              |
| Antelope Valley Healthcare District<br>California, RB, Series A, 5.25%,<br>9/01/17 | \$ 8,000     | \$ 7,720,960 |
| California HFA, RB, Home Mortgage,<br>Series K, AMT, 4.55%, 8/01/21                | 1,000        | 943,220      |
|  | 5,490        | 5,117,559    |

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|  |       |           |
|--|-------|-----------|
| California HFA, Refunding RB, Home Mortgage, Series M, AMT, 4.55%, 8/01/21   |       |           |
| California Health Facilities Financing Authority, Refunding RB, Sutter Health, Series B, 5.00%, 8/15/22  | 2,135 | 2,316,411 |
| California Pollution Control Financing Authority, RB, AMT: Republic Services Inc. Project, Series B, Mandatory Put Bonds, 5.25%, 6/01/23 (a)       | 605   | 647,816   |
| Waste Management Inc. Project, Series A-2, 5.40%, 4/01/25  | 1,240 | 1,256,232 |
| California Pollution Control Financing Authority, Refunding RB, Pacific Gas, Series C, AMT (FGIC), 4.75%, 12/01/23                                 | 5,000 | 5,072,750 |
| California Statewide Communities Development Authority, RB, Health Facility Memorial Health Services, Series A, 6.00%, 10/01/23                    | 2,500 | 2,592,250 |
| City of Sacramento California, Special Tax Bonds, North Natomas Community Facilities, Series 4-C: 5.75%, 9/01/22                                   | 1,715 | 1,726,439 |
| 6.00%, 9/01/28   | 2,990 | 2,961,475 |
| City of San Jose CA, RB, Series A-1, AMT, 5.00%, 3/01/25   | 3,000 | 2,939,040 |
| Golden State Tobacco Securitization Corp. California, Refunding RB, Asset-Backed, Senior Series A-1, 5.00%, 6/01/15                                | 5,000 | 5,194,100 |
| Los Angeles Regional Airports Improvement Corp. California, Refunding RB, Facilities, LAXFUEL Corp., LA International, AMT (AMBAC), 5.50%, 1/01/32 | 1,435 | 1,330,417 |

**Portfolio Abbreviations**

To simplify the listings of portfolio holdings in the Schedule of Investments, the names and descriptions of many of the securities have been abbreviated according to the following list:

|       |   |
|-------|---|
| AGC   | Assured Guaranty Corp.                  |
| AGM   | Assured Guaranty Municipal Corp.        |
| AMBAC | American Municipal Bond Assurance Corp. |
| AMT   | Alternative Minimum Tax (subject to)    |
| ARB   | Airport Revenue Bonds                   |
| BHAC  | Berkshire Hathaway Assurance Corp.      |
| CAB   | Capital Appreciation Bonds              |
| COP   | Certificates of Participation           |
| EDA   | Economic Development Authority          |
| EDC   | Economic Development Corp.              |
| FGIC  | Financial Guaranty Insurance Co.        |
| FHA   | Federal Housing Administration          |
| GARB  | General Airport Revenue Bonds           |
| GO    | General Obligation Bonds                |
| HFA   | Housing Finance Agency                  |
| IDA   | Industrial Development Authority        |

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|         |   |
|---------|---|
| LRB     | Lease Revenue Bonds                     |
| MRB     | Mortgage Revenue Bonds                  |
| NPFGC   | National Public Finance Guarantee Corp. |
| RB      | Revenue Bonds                           |
| S/F     | Single-Family                           |
| Syncora | Syncora Guarantee                       |

BLACKROCK MUNI INTERMEDIATE DURATION FUND, INC.

JULY 31, 2011

1

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## Schedule of Investments (continued)

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

|  | Par<br>(000) | Value         |
|--|--------------|---------------|
| <b>Municipal Bonds</b>   |              |               |
| <b>California (concluded)</b>  |              |               |
| State of California, GO:   |              |               |
| 5.50%, 4/01/14 (b)   | \$ 10,000    | \$ 11,329,800 |
| 5.50%, 4/01/28<br>(NPFGC), 5.25%, 2/01/27  | 15           | 15,395        |
| Various Purpose, 5.75%,<br>4/01/31   | 5,000        | 5,062,700     |
| Various Purpose, 5.00%,<br>11/01/32  | 7,000        | 7,524,300     |
| Tustin Unified School District California,<br>Special Tax Bonds, Senior Lien,<br>Community Facilities District 97-1,<br>Series A (AGM), 5.00%, 9/01/32 | 2,000        | 1,999,840     |
|  |              | 2,610         |
|  |              | 2,589,720     |
|  |              | 68,340,424    |
| <b>Colorado 1.9%</b>   |              |               |
| Montrose Memorial Hospital, RB,<br>6.38%, 12/01/23   | 2,250        | 2,323,552     |
| Plaza Metropolitan District No. 1<br>Colorado, Tax Allocation Bonds,<br>Public Improvement Fee, Tax<br>Increment, 7.50%, 12/01/15                      | 7,500        | 7,513,950     |
| Southlands Metropolitan District No. 1,<br>GO, 6.75%, 12/01/14 (b)   | 840          | 954,568       |
|  |              | 10,792,070    |
| <b>Connecticut 0.2%</b>  |              |               |
| Connecticut State Development<br>Authority, RB, Learjet Inc. Project,<br>AMT, 7.95%, 4/01/26   | 1,160        | 1,210,773     |
| <b>Florida 5.7%</b>  |              |               |
| Broward County School Board Florida,<br>COP, Series A (AGM), 5.00%,<br>7/01/24   | 10,000       | 10,445,100    |
| County of Miami-Dade Florida,<br>Refunding RB, Series C (BHAC),<br>5.00%, 10/01/23   | 8,000        | 8,682,000     |
| Highlands County Health Facilities<br>Authority, Refunding RB, Adventist<br>Health, Series G, 5.13%, 11/15/16 (b)                                      | 35           | 41,814        |
| Midtown Miami Community<br>Development District, Special<br>Assessment Bonds:  |              |               |
| Series A, 6.00%, 5/01/24   | 3,040        | 2,991,846     |
| Series B, 6.50%, 5/01/37   | 1,900        | 1,881,019     |
| Panther Trace II Community<br>Development District, Special<br>Assessment Bonds, 5.13%,<br>11/01/13  | 1,570        | 1,416,721     |
| Portofino Shores Community<br>Development District, Special<br>Assessment Bonds, Series A, 6.40%,<br>5/01/34   | 1,085        | 1,043,455     |
| South Lake County Hospital District,<br>RB, South Lake Hospital Inc., 6.63%,   | 2,390        | 2,458,139     |

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10/01/23

|  | Par<br>(000) | Value      |
|--|--------------|------------|
| <b>Municipal Bonds</b>   |              |            |
| <b>Florida (concluded)</b>   |              |            |
| Sterling Hill Community Development District, Special Assessment Bonds, Refunding, Series B, 5.50%, 11/01/10 (c)(d)      | \$ 160       | \$ 112,016 |
| University of Florida Research Foundation Inc., RB (AMBAC), 5.13%, 9/01/33   | 4,000        | 3,547,680  |
|  |              | 32,619,790 |
| <b>Georgia 1.2%</b>  |              |            |
| Fulton County Development Authority, Refunding RB, Robert Woodruff, Series B, 5.25%, 3/15/24                             | 3,000        | 3,079,050  |
| Medical Center Hospital Authority, Refunding RB, Columbus Regional Healthcare (AGM):                                     |              |            |
| 4.00%, 8/01/23   | 1,500        | 1,480,425  |
| 4.13%, 8/01/24   | 2,000        | 1,951,200  |
|  |              | 6,510,675  |
| <b>Guam 1.5%</b>   |              |            |
| Commonwealth of the Northern Mariana Islands, GO, Series A, 6.75%, 10/01/13  | 3,800        | 4,303,576  |
| Territory of Guam, GO, Series A, 6.00%, 11/15/19   | 1,530        | 1,519,688  |
| Territory of Guam, RB, Section 30, Series A, 5.38%, 12/01/24   | 2,620        | 2,651,911  |
|  |              | 8,475,175  |
| <b>Idaho 0.6%</b>  |              |            |
| Idaho Health Facilities Authority, RB, St. Luke's Regional Medical Center (AGM), 4.63%, 7/01/30                          | 3,700        | 3,655,304  |
| <b>Illinois 9.3%</b>   |              |            |
| City of Chicago Illinois, ARB, General, Third Lien, Series B-2, AMT: (AGM), 5.75%, 1/01/23                               | 8,130        | 8,381,136  |
| (Syncora), 6.00%, 1/01/29  | 7,510        | 7,666,959  |
| Du Page & Will Counties Community School District No. 204 Indian, GO, School Building, Series A (NPFGC), 5.25%, 12/30/22 | 8,650        | 9,462,408  |
| Du Page County Forest Preservation District Illinois, GO, Refunding, Series A, 3.50%, 11/01/24                           | 3,000        | 2,930,370  |
| Railsplitter Tobacco Settlement Authority, RB:   |              |            |
| 5.50%, 6/01/23   | 3,500        | 3,626,175  |
| 6.25%, 6/01/24   | 12,750       | 13,309,597 |
| Village of Hodgkins Illinois, RB, MBM Project, AMT, 5.90%, 11/01/17  | 6,000        | 6,001,680  |
| Village of Wheeling Illinois, Tax Allocation Bonds, North Milwaukee/Lake-Cook TIF Project, 6.00%, 1/01/25                | 1,525        | 1,393,560  |
|  |              | 52,771,885 |



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Schedule of Investments (continued)

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

|   | Par<br>(000) | Value        |
|---|--------------|--------------|
| <b>Municipal Bonds</b>  |              |              |
| <b>Indiana 1.3%</b>   |              |              |
| City of Whiting, RB, BP Products North America, 5.25%, 1/01/21  | \$ 4,800     | \$ 5,210,880 |
| County of Jasper Indiana, Refunding RB, Northern Indiana Public Service Co., Series C (NPFGC), 5.85%, 4/01/19             | 2,000        | 2,249,280    |
|   |              | 7,460,160    |
| <b>Iowa 1.0%</b>  |              |              |
| Iowa Higher Education Loan Authority, RB: 5.25%, 4/01/23  | 695          | 759,989      |
| 5.25%, 4/01/24  | 730          | 787,057      |
| 5.25%, 4/01/25  | 520          | 556,171      |
| 5.25%, 4/01/26  | 360          | 382,414      |
| Iowa Higher Education Loan Authority, Refunding RB, Private College Facility:   |              |              |
| 5.00%, 9/01/20  | 1,000        | 1,055,250    |
| 5.00%, 9/01/22  | 2,315        | 2,378,385    |
|   |              | 5,919,266    |
| <b>Kansas 1.5%</b>  |              |              |
| City of Dodge City Kansas, RB (AGC), 4.00%, 6/01/24   | 2,245        | 2,275,554    |
| Kansas Development Finance Authority, Refunding RB:   |              |              |
| Adventist Health, 5.00%, 11/15/23   | 1,500        | 1,629,180    |
| Adventist/Sunbelt, Series D, 5.00%, 11/15/24  | 1,000        | 1,062,540    |
| Sisters of Leavenworth, Series A, 4.00%, 1/01/22  | 3,425        | 3,493,706    |
|   |              | 8,460,980    |
| <b>Kentucky 3.1%</b>  |              |              |
| Kentucky Economic Development Finance Authority, Refunding RB, Owensboro Medical Health System, Series A, 5.25%, 6/01/23  | 8,650        | 8,682,783    |
| Kentucky State Property & Buildings Commission, Refunding RB, Project No. 93 (AGC), 5.25%, 2/01/24                        | 8,000        | 8,777,040    |
|   |              | 17,459,823   |
| <b>Louisiana 2.9%</b>   |              |              |
| Louisiana Public Facilities Authority, RB (NPFGC):  |              |              |
| Nineteenth Judicial District Court, 5.50%, 6/01/41  | 2,000        | 2,038,800    |
| University of New Orleans Research & Technology, 5.25%, 3/01/26   | 5,000        | 5,173,250    |
| Louisiana Public Facilities Authority, Refunding RB, Entergy Gulf States Louisiana, LLC Project, Series A, 5.00%, 9/01/28 | 5,000        | 5,066,150    |



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|   | Par<br>(000) | Value      |
|---|--------------|------------|
| <b>Municipal Bonds</b>  |              |            |
| <b>Louisiana (concluded)</b>  |              |            |
| New Orleans Aviation Board Louisiana,<br>Refunding RB, GARB, Restructuring,<br>Series A-2 (AGC), 6.00%, 1/01/23             | \$ 850       | \$ 962,880 |
| Port of New Orleans Louisiana,<br>Refunding RB, Continental Grain Co.<br>Project, 6.50%, 1/01/17                            | 3,500        | 3,500,385  |
|   |              | 16,741,465 |
| <b>Maine 0.3%</b>   |              |            |
| Portland New Public Housing Authority<br>Maine, Refunding RB, Senior Living,<br>Series A, 6.00%, 2/01/34                    | 1,965        | 1,876,437  |
| <b>Maryland 0.5%</b>  |              |            |
| Maryland EDC, RB, Transportation<br>Facilities Project, Series A, 5.13%,<br>6/01/20   | 1,750        | 1,767,465  |
| Maryland EDC, Refunding RB, CNX<br>Marine Terminals Inc., 5.75%,<br>9/01/25   | 790          | 779,461    |
| Maryland Industrial Development<br>Financing Authority, RB, Our Lady of<br>Good Counsel School, Series A,<br>6.00%, 5/01/35 | 500          | 497,440    |
|   |              | 3,044,366  |
| <b>Massachusetts 0.7%</b>   |              |            |
| Massachusetts Development Finance<br>Agency, RB, Ogden Haverhill Project,<br>Series B, AMT:<br>5.35%, 12/01/15              | 1,210        | 1,210,702  |
| 5.50%, 12/01/19   | 2,000        | 2,001,180  |
| Massachusetts Health & Educational<br>Facilities Authority, RB, Winchester<br>Hospital, 5.00%, 7/01/25                      | 1,060        | 994,630    |
|   |              | 4,206,512  |
| <b>Michigan 4.7%</b>  |              |            |
| City of Detroit Michigan, Refunding RB,<br>Second Lien, Series C (BHAC), 5.75%,<br>7/01/26                                  | 4,235        | 4,494,987  |
| Kalamazoo Hospital Finance Authority,<br>Refunding RB, Bronson Methodist<br>Hospital, 4.25%, 5/15/25                        | 2,120        | 1,991,379  |
| Michigan State Building Authority, RB,<br>Refunding Facilities Program,<br>Series A, 5.00%, 10/15/24                        | 2,500        | 2,606,050  |
| Michigan State Hospital Finance<br>Authority, Refunding RB, Hospital:<br>Henry Ford Health, 5.25%,<br>11/15/24              | 4,900        | 5,040,581  |
| Oakwood Obligation Group,<br>Series A, 6.00%, 4/01/22   | 4,795        | 4,911,183  |
| Wayne County Airport Authority, RB,<br>Detroit Metropolitan Wayne County<br>Airport, AMT (AGC), 4.75%, 12/01/18             | 7,665        | 7,923,004  |
|   |              | 26,967,184 |



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Schedule of Investments (continued)

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

|  | Par<br>(000) | Value        |
|--|--------------|--------------|
| <b>Municipal Bonds</b>   |              |              |
| <b>Minnesota 1.4%</b>  |              |              |
| City of St. Cloud Minnesota, RB,<br>Centracare Health System, Series A,<br>4.25%, 5/01/21  | \$ 2,300     | \$ 2,384,525 |
| Minneapolis & St. Paul Housing &<br>Redevelopment Authority, RB,<br>HealthPartners Obligation Group<br>Project:<br>6.00%, 12/01/19 | 1,000        | 1,056,380    |
| 6.00%, 12/01/21  | 2,545        | 2,664,539    |
| Minnesota State Municipal Power<br>Agency, RB, Series A, 5.25%,<br>10/01/24  | 2,000        | 2,080,020    |
|  |              | 8,185,464    |
| <b>Mississippi 1.7%</b>  |              |              |
| Mississippi Business Finance Corp.,<br>Refunding RB, System Energy<br>Resource Inc. Project:<br>5.88%, 4/01/22                     | 5,000        | 5,006,250    |
| 5.90%, 5/01/22   | 4,410        | 4,415,601    |
|  |              | 9,421,851    |
| <b>Missouri 1.4%</b>   |              |              |
| Missouri State Health & Educational<br>Facilities Authority, RB, SSM Health<br>Care, Series B, 4.25%, 6/01/25                      | 8,125        | 8,130,525    |
| <b>Montana 0.5%</b>  |              |              |
| Montana Facility Finance Authority,<br>Refunding RB, Series B, 5.00%,<br>1/01/24   | 2,625        | 2,780,243    |
| <b>Nebraska 1.3%</b>   |              |              |
| Douglas County School District No. 17<br>Nebraska, GO, Refunding:<br>2.00%, 6/15/24  | 3,390        | 2,867,058    |
| 2.00%, 6/15/25   | 4,480        | 3,659,533    |
| Lancaster County Hospital Authority<br>No. 1, RB, Immanuel Obligation<br>Group, 5.50%, 1/01/30                                     | 1,000        | 1,010,690    |
|  |              | 7,537,281    |
| <b>Nevada 1.1%</b>   |              |              |
| County of Clark Nevada, Special<br>Assessment Bonds, Special<br>Improvement District No. 142, Local<br>Improvement, 6.38%, 8/01/23 | 2,100        | 2,131,794    |
| County of Humboldt Nevada, Refunding<br>RB, Idaho Power Co. Project, 5.15%,<br>12/01/24  | 3,800        | 4,009,950    |
|  |              | 6,141,744    |
| <b>New Jersey 14.5%</b>  |              |              |
| Essex County Improvement Authority,<br>RB, Newark Project, Series A (AGM),<br>5.00%, 11/01/20                                      | 2,000        | 2,074,880    |
| Garden State Preservation Trust, RB,<br>Election of 2005, Series A (AGM):  |              |              |

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|                 |       |           |
|-----------------|-------|-----------|
| 5.80%, 11/01/21 | 3,635 | 4,230,558 |
| 5.80%, 11/01/23 | 5,050 | 5,799,572 |

|   | Par<br>(000) | Value        |
|---|--------------|--------------|
| <b>Municipal Bonds</b>  |              |              |
| <b>New Jersey (concluded)</b>   |              |              |
| New Jersey EDA, 5.00%, 9/01/23  | \$ 3,465     | \$ 3,680,973 |
| New Jersey EDA, RB:   |              |              |
| Cigarette Tax, 5.75%,<br>6/15/29  | 8,310        | 8,236,124    |
| Continental Airlines Inc.   |              |              |
| Project, AMT, 6.63%, 9/15/12  | 5,540        | 5,607,699    |
| Motor Vehicle Surcharge, Series A<br>(NPFGC), 5.25%, 7/01/33  | 17,900       | 18,199,467   |
| New Jersey EDA, Refunding RB:   |              |              |
| New Jersey American Water<br>Co., Series E, AMT, 4.70%,<br>12/01/25   | 3,000        | 3,001,620    |
| School Facilities Construction,<br>Series AA, 4.25%, 12/15/24   | 3,850        | 3,785,397    |
| New Jersey Health Care Facilities<br>Financing Authority, Refunding RB,<br>Hackensack University Medical,<br>Series B (AGM), 4.00%, 1/01/24 |              |              |
|   | 635          | 626,294      |
| New Jersey Higher Education<br>Assistance Authority, Refunding RB,<br>Series 1A, 4.75%, 12/01/21  |              |              |
|   | 2,400        | 2,495,184    |
| New Jersey Higher Education Student<br>Assistance Authority, 5.00%,<br>12/01/27   |              |              |
|   | 10,000       | 10,060,300   |
| New Jersey State Housing & Mortgage<br>Finance Agency, RB, S/F Housing,<br>Series X, AMT, 5.10%, 10/01/23                                   |              |              |
|   | 4,500        | 4,568,670    |
| New Jersey Transportation Trust Fund<br>Authority, 5.25%, 6/15/24   |              |              |
|   | 3,185        | 3,435,054    |
| New Jersey Transportation Trust Fund<br>Authority, RB, CAB Transportation<br>System, Series C (AMBAC), 5.72%,<br>12/15/25 (e)               |              |              |
|   | 9,450        | 4,194,950    |
| South Jersey Port Corp., RB, Marine<br>Terminal, Series O-1 (AGC), 4.63%,<br>1/01/23  |              |              |
|   | 1,375        | 1,443,186    |
| University of Medicine & Dentistry of<br>New Jersey, RB, Series A (AMBAC),<br>5.50%, 12/01/23   |              |              |
|   | 1,000        | 1,014,220    |
|   |              | 82,454,148   |
| <b>New York 26.7%</b>   |              |              |
| City of New York, New York, GO:<br>Refunding, Series E, 5.00%,<br>8/01/27   |              |              |
|   | 3,500        | 3,747,135    |
| Series D1, 5.13%, 12/01/26  | 4,615        | 4,967,678    |
| Series E, 5.00%, 8/01/24  | 4,000        | 4,346,200    |
| Sub-Series I-1, 5.50%,<br>4/01/21   | 5,000        | 5,810,950    |
| Dutchess County Industrial<br>Development Agency New York, RB,<br>St. Francis Hospital, Series B, 7.25%,<br>3/01/19                         |              |              |
|   | 810          | 807,035      |
| Essex County Industrial Development<br>Agency, Refunding RB, International<br>Paper, Series A, AMT, 5.20%,                                  |              |              |
|   | 6,300        | 6,169,338    |

12/01/23

BLACKROCK MUNI INTERMEDIATE DURATION FUND, INC.

JULY 31, 2011

4

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## Schedule of Investments (continued)

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

|  | Par<br>(000) | Value        |
|--|--------------|--------------|
| <b>Municipal Bonds</b>   |              |              |
| <b>New York (continued)</b>  |              |              |
| Long Island Power Authority, Refunding<br>RB, Series A, 5.50%, 4/01/24   | \$ 1,475     | \$ 1,625,480 |
| Metropolitan Transportation Authority,<br>RB:  |              |              |
| Series A, 5.00%, 11/15/25  | 1,980        | 2,058,190    |
| Sub-Series B-1, 5.00%,<br>11/15/24   | 2,300        | 2,570,204    |
| Sub-Series B-4, 5.00%,<br>11/15/24   | 1,500        | 1,676,220    |
| Metropolitan Transportation Authority,<br>Refunding RB, Series B, 5.25%,<br>11/15/25   | 4,000        | 4,370,400    |
| New York City Industrial Development<br>Agency, RB:  |              |              |
| Continental Airlines Inc.,<br>Mandatory Put Bonds, AMT,<br>8.38%, 11/01/16 (a)   | 3,500        | 3,601,360    |
| Special Needs Facilities<br>Pooled Program, 6.80%,<br>7/01/19  | 1,770        | 1,753,256    |
| New York City Industrial Development<br>Agency, Refunding RB, New York<br>Stock Exchange Project, Series A,<br>4.25%, 5/01/24                | 1,740        | 1,776,818    |
| New York City Transitional Finance<br>Authority, RB:   |              |              |
| Fiscal 2007, Series S-1 (NPFGC),<br>5.00%, 7/15/24   | 500          | 532,350      |
| Fiscal 2009, Series S-3,<br>5.00%, 1/15/23   | 3,560        | 3,859,040    |
| New York Liberty Development Corp.,<br>Refunding RB, Second Priority, Bank<br>of America Tower at One Bryant Park<br>Project, 5.63%, 7/15/47 | 3,000        | 3,035,130    |
| New York State Dormitory Authority,<br>LRB, Municipal Health Facilities,<br>Sub-Series 2-4, 5.00%, 1/15/27                                   | 6,900        | 7,146,192    |
| New York State Dormitory Authority, RB:<br>Education, Series D, 5.00%,<br>3/15/31  | 4,500        | 4,683,285    |
| Fordham University, Series A,<br>5.25%, 7/01/25  | 900          | 978,291      |
| Mental Health Services Facilities<br>Improvement, Series A (AGM),<br>5.00%, 2/15/22  | 4,000        | 4,374,280    |
| Mount Sinai School of Medicine,<br>Series A (NPFGC), 5.15%, 7/01/24  | 1,000        | 1,043,480    |
| North Shore-Long Island<br>Jewish Health System,<br>Series A, 5.50%, 5/01/30   | 1,495        | 1,536,636    |
| NYU Hospital Center, Series A,<br>5.00%, 7/01/22   | 1,725        | 1,801,935    |

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|  |       |           |
|--|-------|-----------|
| NYU Hospital Center, Series A,<br>5.13%, 7/01/23 | 1,670 | 1,735,982 |
| The New School, 5.25%,<br>7/01/24                | 2,400 | 2,545,464 |
| The New School, 5.25%,<br>7/01/25                | 2,100 | 2,205,168 |

|   | Par<br>(000) | Value       |
|---|--------------|-------------|
| <b>Municipal Bonds</b>  |              |             |
| <b>New York (concluded)</b>   |              |             |
| New York State Dormitory Authority, RB (concluded):   |              |             |
| University of Rochester,<br>Series C, 4.00%, 7/01/24  | \$ 625       | \$ 623,106  |
| New York State Dormitory Authority,<br>Refunding RB:  |              |             |
| Mount Sinai Hospital, Series<br>A, 4.25%, 7/01/23   | 2,225        | 2,245,515   |
| North Shore-Long Island<br>Jewish Health System,<br>Series E, 5.00%, 5/01/22  | 650          | 688,045     |
| North Shore-Long Island<br>Jewish Health System,<br>Series E, 5.00%, 5/01/23  | 2,160        | 2,258,669   |
| Yeshiva University, 4.00%,<br>9/01/23   | 2,860        | 2,943,026   |
| Yeshiva University, 4.25%,<br>9/01/24   | 2,750        | 2,856,178   |
| New York State Environmental Facilities<br>Corp., RB, Environment, Series A<br>(FGIC), 5.25%, 12/15/14 (b)  | 7,380        | 8,534,084   |
| New York State Urban Development<br>Corp., Refunding RB, Service<br>Contract, Series B, 5.00%, 1/01/21  | 8,000        | 8,908,560   |
| Port Authority of New York & New<br>Jersey, RB, JFK International Air<br>Terminal, 5.00%, 12/01/20  | 2,475        | 2,474,827   |
| Port Authority of New York & New<br>Jersey, Refunding RB:<br>153rd Series, 5.00%,<br>7/15/24  | 2,010        | 2,191,443   |
| Consolidated, 152nd Series,<br>AMT, 5.00%, 11/01/23   | 2,500        | 2,592,150   |
| Sales Tax Asset Receivable Corp., RB,<br>Series A (NPFGC), 5.00%, 10/15/20  | 9,070        | 10,021,624  |
| Tobacco Settlement Financing Corp.<br>New York, RB, Asset-Backed,<br>Series B-1C:<br>5.50%, 6/01/21   | 7,000        | 7,480,690   |
| 5.50%, 6/01/22  | 10,000       | 10,677,300  |
| Trust for Cultural Resources, RB,<br>Carnegie Hall, Series A, 5.00%,<br>12/01/29  | 3,750        | 3,942,862   |
| United Nations Development Corp. New<br>York, Refunding RB, Series A, 4.25%,<br>7/01/24   | 2,985        | 3,015,954   |
|   |              | 152,211,530 |
| <b>North Carolina 0.8%</b>  |              |             |
| Gaston County Industrial Facilities &<br>Pollution Control Financing Authority<br>North Carolina, RB, Exempt Facilities,<br>National Gypsum Co. Project, AMT, | 3,105        | 2,367,221   |

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5.75%, 8/01/35

North Carolina Eastern Municipal Power

Agency, Refunding RB, Series B,

5.00%, 1/01/26

1,925

2,003,578

4,370,799

BLACKROCK MUNI INTERMEDIATE DURATION FUND, INC.

JULY 31, 2011

5



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Schedule of Investments (continued)

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

|  | Par<br>(000) | Value      |
|--|--------------|------------|
| <b>Municipal Bonds</b>   |              |            |
| <b>Northern Mariana Islands 0.00%</b>  |              |            |
| Commonwealth of the Northern Mariana Islands, GO, Series A, 6.75%, 10/01/33 (b)                                | \$ 250       | \$ 232,058 |
| <b>Ohio 0.5%</b>   |              |            |
| Cincinnati City School District, GO, 5.25%, 6/01/24  | 1,825        | 2,032,575  |
| City of Cincinnati OH, 4.38%, 12/01/30   | 900          | 887,580    |
|  |              | 2,920,155  |
| <b>Oregon 1.3%</b>   |              |            |
| Oregon State Facilities Authority, RB, Series A:<br>Lewis & Clark College Project, 5.00%, 10/01/27             | 5,000        | 5,185,400  |
| Reed College Project, 5.00%, 7/01/29   | 1,835        | 1,990,131  |
|  |              | 7,175,531  |
| <b>Pennsylvania 7.9%</b>   |              |            |
| City of Philadelphia Pennsylvania, RB, Series A, AMT (AGM), 5.00%, 6/15/20                                     | 2,895        | 3,037,289  |
| City of Philadelphia Pennsylvania, Refunding RB, Series B, AMT (AGM), 5.00%, 6/15/19                           | 3,905        | 4,148,984  |
| City of Pittsburgh Pennsylvania, GO, Refunding RB, Series B (AGM), 5.25%, 9/01/17                              | 9,630        | 10,730,420 |
| City of Pittsburgh Pennsylvania, GO, Series C (AGM), 5.25%, 9/01/18  | 6,430        | 7,045,287  |
| Montgomery County IDA Pennsylvania, MRB, Whitemarsh Continuing Care, 6.00%, 2/01/21                            | 3,500        | 3,198,685  |
| Montgomery County IDA Pennsylvania, RB, New Regional Medical Center Project (FHA), 5.00%, 8/01/24              | 3,500        | 3,732,470  |
| Pennsylvania Economic Development Financing Authority, RB, National Gypsum Co., Series A, AMT, 6.25%, 11/01/27 | 7,710        | 6,450,572  |
| South Fork Municipal Authority, RB, Conemaugh Valley Memorial, Series A (AGC), 6.00%, 7/01/26                  | 6,225        | 6,806,602  |
|  |              | 45,150,309 |
| <b>Puerto Rico 8.3%</b>  |              |            |
| Puerto Rico Aqueduct & Sewer Authority, RB, Senior Lien, Series A (AGC), 5.00%, 7/01/25                        | 3,215        | 3,277,017  |
| Puerto Rico Electric Power Authority, RB, Series TT, 5.00%, 7/01/27  | 6,500        | 6,408,545  |
| Puerto Rico Highway & Transportation Authority, RB:<br>Series Y (AGM), 6.25%, 7/01/21                          | 3,000        | 3,411,810  |

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|                                       |       |           |
|---------------------------------------|-------|-----------|
| Subordinate (FGIC), 5.75%,<br>7/01/21 | 3,375 | 3,487,523 |
|---------------------------------------|-------|-----------|

|  | Par<br>(000) | Value        |
|--|--------------|--------------|
| <b>Municipal Bonds</b>   |              |              |
| <b>Puerto Rico (concluded)</b>   |              |              |
| Puerto Rico Highway & Transportation Authority, Refunding RB, Series AA-1 (AGM), 4.95%, 7/01/26  | \$ 1,500     | \$ 1,517,205 |
| Puerto Rico Housing Finance Authority, Refunding RB, Subordinate, Capital Fund Modernization, 5.13%, 12/01/27  | 12,900       | 13,139,940   |
| Puerto Rico Industrial Medical & Environmental Pollution Control Facilities Financing Authority, RB, Special Facilities, American Airlines Series A, 6.45%, 12/01/25 | 5,390        | 4,784,811    |
| Puerto Rico Public Buildings Authority, RB, Government Facilities, Series I, 5.50%, 7/01/14 (b)  | 8,000        | 9,096,240    |
| Puerto Rico Sales Tax Financing Corp., RB, First Sub-Series A, 5.75%, 8/01/37  | 1,925        | 1,995,763    |
|  |              | 47,118,854   |
| <b>Rhode Island 0.5%</b>   |              |              |
| Rhode Island Health & Educational Building Corp., RB, University of Rhode Island, Series A (AGC), 4.75%, 9/15/24   | 2,500        | 2,617,950    |
| <b>South Carolina 0.2%</b>   |              |              |
| County of Florence South Carolina, RB, McLeod Regional Medical Center, Series A, 4.50%, 11/01/25   | 1,000        | 992,460      |
| <b>South Dakota 0.4%</b>   |              |              |
| Educational Enhancement Funding Corp., RB, Series B, 6.50%, 6/01/32  | 2,200        | 2,227,192    |
| <b>Tennessee 2.8%</b>  |              |              |
| Chattanooga-Hamilton County Hospital Authority Tennessee, Refunding RB, Erlanger Health (AGM), 5.00%, 10/01/22   | 1,620        | 1,736,915    |
| Johnson City Health & Educational Facilities Board, RB, Appalachian Christian Village Project, Series A, 6.00%, 2/15/19  | 1,515        | 1,495,108    |
| Knox County Health Educational & Housing Facilities Board, 4.00%, 6/01/31 (a)  | 3,925        | 3,975,358    |
| Memphis-Shelby County Sports Authority Inc., Refunding RB<br>Memphis Arena Project:<br>Series A, 5.00%, 11/01/23   | 2,695        | 2,848,373    |
| Series B, 5.00%, 11/01/22  | 1,000        | 1,067,630    |
| Shelby County Health Educational & Housing Facilities Board, RB,<br>Germantown Village, Series A:<br>6.75%, 12/01/18   | 3,550        | 3,459,688    |
| 7.00%, 12/01/23  | 1,450        | 1,367,669    |
|  |              | 15,950,741   |



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Schedule of Investments (continued)

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

|  | Par<br>(000) | Value        |
|--|--------------|--------------|
| <b>Municipal Bonds</b>   |              |              |
| <b>Texas 2.8%</b>  |              |              |
| City of Houston TX, RB, 5.00%,<br>7/01/25  | \$ 1,500     | \$ 1,499,940 |
| Dallas-Fort Worth International Airport<br>Facilities Improvement Corp., RB,<br>Series 2001-A-1, AMT, 6.15%,<br>1/01/16  | 4,000        | 3,991,520    |
| Dallas-Fort Worth International Airport<br>Facilities Improvement Corp.,<br>Refunding RB, Series A, Sub-Series 2,<br>Mandatory Put Bonds, AMT, 9.00%,<br>5/01/29 (a) | 3,000        | 3,080,430    |
| Gulf Coast IDA, RB, Citgo Petroleum<br>Corp. Project, Mandatory Put Bonds,<br>AMT, 7.50%, 5/01/25 (a)  | 2,440        | 2,459,398    |
| Gulf Coast Waste Disposal Authority,<br>Refunding RB, Series A, AMT, 6.10%,<br>8/01/24   | 2,000        | 2,025,820    |
| San Jacinto River Authority, 5.25%,<br>10/01/25  | 2,910        | 3,125,602    |
|  |              | 16,182,710   |
| <b>US Virgin Islands 1.5%</b>  |              |              |
| United States Virgin Islands,<br>Government Refinery, Refunding RB,<br>Senior Secured, Hovensa Coker<br>Project, AMT, 6.50%, 7/01/21                                 | 1,860        | 1,838,387    |
| Virgin Islands Public Finance Authority,<br>RB, Senior Secured, Hovensa<br>Refinery, AMT, 6.13%, 7/01/22   | 6,750        | 6,429,712    |
|  |              | 8,268,099    |
| <b>Virginia 2.9%</b>   |              |              |
| James City County EDA, Refunding RB,<br>First Mortgage, Williamsburg Lodge,<br>Series A:<br>5.75%, 3/01/17   | 3,285        | 3,285,296    |
| 6.00%, 3/01/23   | 1,150        | 1,122,768    |
| Roanoke Economic Development<br>Authority, Refunding RB, Carilion<br>Health System, Series B (AGM),<br>5.00%, 7/01/38  | 3,205        | 3,209,455    |
| Tobacco Settlement Financing Corp.<br>Virginia, RB, Asset-Backed, 5.63%,<br>6/01/15 (b)  | 7,800        | 9,126,858    |
|  |              | 16,744,377   |
| <b>West Virginia 0.7%</b>  |              |              |
| West Virginia Hospital Finance<br>Authority, Refunding RB, Charleston,<br>Series A, 5.13%, 9/01/23   | 4,000        | 4,048,680    |
| <b>Wisconsin 0.4%</b>  |              |              |
| Wisconsin Housing & EDA, RB, Series C,<br>AMT, 4.85%, 9/01/26  | 2,000        | 1,989,339    |
| <b>Total Municipal Bonds 135.6%</b>  |              | 772,388,792  |

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| Municipal Bonds Transferred to Tender<br>Option Bond (TOB) Trusts (f)  | Par<br>(000) | Value                    |
|--|--------------|--------------------------|
| <b>California 4.9%</b>   |              |                          |
| City of San Jose California, GO,<br>Libraries, Parks, and Public Safety<br>Project (NPFGC), 5.00%, 9/01/30                           | \$ 3,101     | \$ 3,152,745             |
| Peralta Community College District, GO,<br>Election of 2000, Series D (AGM),<br>5.00%, 8/01/30                                       | 10,140       | 10,286,827               |
| Sequoia Union High School District<br>California, GO, Refunding, Election of<br>2004, Series B (AGM), 5.50%,<br>7/01/35              | 9,028        | 9,334,043                |
| Tamalpais Union High School District<br>California, GO, Election of 2001<br>(AGM), 5.00%, 8/01/28                                    | 4,875        | 5,025,296<br>27,798,911  |
| <b>Illinois 2.3%</b>   |              |                          |
| McHenry County Conservation District<br>Illinois, GO (AGM), 5.13%, 2/01/27   | 12,695       | 13,331,010               |
| <b>Massachusetts 1.5%</b>  |              |                          |
| Massachusetts School Building<br>Authority, RB, Series A (AGM), 5.00%,<br>8/15/30  | 8,338        | 8,665,663                |
| <b>Minnesota 1.8%</b>  |              |                          |
| State of Minnesota, GO, State Various<br>Purpose, Series A, 4.00%, 8/01/29   | 10,525       | 10,548,638               |
| <b>New Jersey 2.1%</b>   |              |                          |
| New Jersey Transportation Trust Fund<br>Authority, RB, Transportation System,<br>Series D (AGM), 5.00%, 6/15/19                      | 11,120       | 11,907,407               |
| <b>New York 7.0%</b>   |              |                          |
| City of New York, New York, GO,<br>Sub-Series B-1, 5.25%, 9/01/22  | 8,250        | 9,253,695                |
| New York City Municipal Water Finance<br>Authority, Refunding RB, Series A,<br>4.75%, 6/15/30  | 8,000        | 8,226,720                |
| New York State Urban Development<br>Corp., RB, State Personal Income Tax,<br>State Facilities, Series A-1 (NPFGC),<br>5.25%, 3/15/34 | 10,000       | 10,210,700               |
| Sales Tax Asset Receivable Corp., RB,<br>Series A (AMBAC), 5.25%, 10/15/27   | 11,101       | 11,934,065<br>39,625,180 |
| <b>Washington 2.0%</b>   |              |                          |
| Snohomish County School District No.<br>15-Edmonds Washington, GO<br>(NPFGC), 5.00%, 12/01/19  | 10,000       | 11,307,900               |
| <b>Total Municipal Bonds Transferred to<br/>Tender Option Bond (TOB) Trusts<br/>21.6%</b>  |              | 123,184,709              |
| <b>Total Long-Term Investments<br/>(Cost \$868,918,226) 157.2%</b>   |              | 895,573,501              |



Schedule of Investments (continued)

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

|  | Shares     | Value          |
|--|------------|----------------|
| <b>Short-Term Securities</b>   |            |                |
| FFI Institutional Tax-Exempt Fund,<br>0.01% (g)(h)   | 17,703,136 | \$ 17,703,136  |
| <b>Total Short -Term Securities</b><br>(Cost \$17,703,136) 157.2%                                    |            | 17,703,136     |
| <b>Total Investments</b><br>(Cost \$886,621,362*) 160.3%   |            | 913,276,637    |
| <b>Other Assets Less Liabilities</b> 1.8%  |            | 10,376,067     |
| <b>Liability for TOB Trust Certificates, Including Interest<br/>Expense and Fees Payable</b> (11.7)% |            | (66,648,631)   |
| <b>VRDP Shares, at Liquidation Value</b> (50.4)%   |            | (287,100,000)  |
| <b>Net Assets Applicable to Common Shares</b> 100.0%   |            | \$ 569,904,073 |

\* The cost and unrealized appreciation (depreciation) of investments as of July 31, 2011, as computed for federal income tax purposes, were as follows:

|                               |                |
|-------------------------------|----------------|
| Aggregate cost                | \$ 820,022,155 |
| Gross unrealized appreciation | \$ 34,573,470  |
| Gross unrealized depreciation | (7,927,800)    |
| Net unrealized appreciation   | \$ 26,645,670  |

- (a) Variable rate security. Rate shown is as of report date.
- (b) US government securities, held in escrow, are used to pay interest on this security as well as to retire the bond in full at the date indicated, typically at a premium to par.
- (c) Non-income producing security.
- (d) Issuer filed for bankruptcy and/or is in default of interest payments.
- (e) Represents a zero-coupon bond. Rate shown reflects the current yield as of report date.
- (f) Securities represent bonds transferred to a TOB trust in exchange for which the Fund acquired residual interest certificates. These securities serve as collateral in a financing transaction.
- (g) Investments in companies considered to be an affiliate of the Fund during the period, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

| Affiliate                         | Shares<br>Held at<br>April 30,<br>2011 | Net<br>Activity | Shares<br>Held at<br>July 31,<br>2011 | Income   |
|-----------------------------------|--|-----------------|---------------------------------------|----------|
| FFI Institutional Tax-Exempt Fund | 9,713,431                              | 7,989,705       | 17,703,136                            | \$ 2,631 |

- (h) Represents the current yield as of report date.

Financial futures contracts sold as of July 31, 2011 were as follows:

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| <b>Contracts</b> | <b>Issue</b>             | <b>Exchange</b>        | <b>Expiration</b> | <b>Notional Value</b> | <b>Unrealized Depreciation</b> |
|------------------|--------------------------|------------------------|-------------------|-----------------------|--------------------------------|
| 188              | 10-Year US Treasury Note | Chicago Board of Trade | September 2011    | \$ 23,051,674         | \$ (577,576)                   |

BLACKROCK MUNI INTERMEDIATE DURATION FUND, INC.

JULY 31, 2011

8

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## Schedule of Investments (concluded)

## BlackRock Muni Intermediate Duration Fund, Inc. (MUI)

Fair Value Measurements - Various inputs are used in determining the fair value of investments and derivative financial instruments. These inputs are categorized in three broad levels for financial reporting purposes as follows:

Level 1 price quotations in active markets/exchanges for identical assets and liabilities

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

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

The categorization of a value determined for investments and derivative financial instruments is based on the pricing transparency of the investment and derivative financial instrument and does not necessarily correspond to the Fund's perceived risk of investing in those securities. For information about the Fund's policy regarding valuation of investments and derivative financial instruments and other significant accounting policies, please refer to the Fund's most recent financial statements as contained in its annual report.

The following tables summarize the inputs used as of July 31, 2011 in determining the fair valuation of the Fund's investments and derivative financial instruments:

| Valuation Inputs                   | Level 1       | Level 2        | Level 3 | Total          |
|------------------------------------|---------------|----------------|---------|----------------|
| <b>Assets:</b>                     |               |                |         |                |
| Investments:                       |               |                |         |                |
| Long-Term Investments <sup>1</sup> |               | \$ 895,573,501 |         | \$ 895,573,501 |
| Short-Term Securities              | \$ 17,703,136 |                |         | 17,703,136     |
| <b>Total</b>                       | \$ 17,703,136 | \$ 895,573,501 |         | \$ 913,276,637 |

<sup>1</sup> See above Schedule of Investments for values in each state or political subdivision.

| Valuation Inputs                              | Level 1      | Level 2 | Level 3 | Total        |
|---|--------------|---------|---------|--------------|
| Derivative Financial Instruments <sup>2</sup> |              |         |         |              |
| <b>Liabilities:</b>                           |              |         |         |              |
| Interest rate contracts                       | \$ (577,576) |         |         | \$ (577,576) |

<sup>2</sup> Derivative financial instruments are financial futures contracts, which are valued at the unrealized appreciation/depreciation on the instrument.

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

Date: September 26, 2011

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

By: /s/ John M. Perlowski  
John M. Perlowski  
Chief Executive Officer (principal executive officer) of  
BlackRock Muni Intermediate Duration Fund, Inc.

Date: September 26, 2011

By: /s/ Neal J. Andrews  
Neal J. Andrews  
Chief Financial Officer (principal financial officer) of  
BlackRock Muni Intermediate Duration Fund, Inc.

Date: September 26, 2011

