

BLACKROCK MUNICIPAL INCOME TRUST
Form N-Q
March 31, 2010

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 811-10339

Name of Fund: BlackRock Municipal Income Trust (BFK)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

Name and address of agent for service: Anne F. Ackerley, Chief Executive Officer, BlackRock
Municipal Income Trust, 55 East 52nd Street, New York, NY 10055.

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

Date of fiscal year end: 04/30/2010

Date of reporting period: 01/31/2010

Item 1 Schedule of Investments

Schedule of Investments January 31, 2010 (Unaudited)

BlackRock Municipal Income Trust (BFK)

(Percentages shown are based on Net Assets)

| Municipal Bonds | Par (000) | Value |
|-------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|
| Arizona 4.7% | | |
| Pima County IDA, RB, American Charter Schools Foundation, Series A, 5.63%, 7/01/38 | \$ 4,590 | \$ 3,492,990 |
| Pima County IDA, Refunding IDR, B, Tucson Electric Power, 5.75%, 9/01/29 | 2,185 | 2,207,396 |
| Salt River Project Agricultural Improvement & Power District, RB, Series A, 5.00%, 1/01/38 | 3,860 | 3,971,747 |
| Salt Verde Financial Corp., RB, Senior, 5.00%, 12/01/32 | 10,280 | 9,033,139 |
| Salt Verde Financial Corp., RB, Senior, 5.00%, 12/01/37 | 9,290 | 7,906,533 |
| | | 26,611,805 |
| California 26.6% | | |
| Bay Area Toll Authority, Refunding RB, San Francisco Bay Area, Series F-1, 5.63%, 4/01/44 | 4,445 | 4,714,189 |
| California County Tobacco Securitization Agency, RB, CAB, Stanislaus, Sub- Series C, 6.30%, 6/01/55 (a) | 17,855 | 220,509 |
| California HFA, RB, Home Mortgage, Series G, AMT, 5.50%, 8/01/42 | 7,280 | 7,189,000 |
| California State Public Works Board, RB, Various Capital Projects, Sub-Series I- 1, 6.38%, 11/01/34 | 2,315 | 2,353,360 |
| California Statewide Communities Development Authority, RB, Health Facility, Memorial Health Services, Series A, 5.50%, 10/01/33 | 5,000 | 5,024,100 |
| City of Lincoln, California, Special Tax Bonds, Community Facilities District No. 2003-1, 6.00%, 9/01/34 (b) | 3,115 | 3,701,492 |
| Foothill Eastern Transportation Corridor | | |

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| | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------------|
| Agency, California, Refunding RB, CAB, 6.09%, 1/15/32 (a) | 54,635 | 11,779,306 |
| Foothill Eastern Transportation Corridor Agency, California, Refunding RB, CAB, 6.09%, 1/15/38 (a) | 75,000 | 10,128,750 |
| Golden State Tobacco Securitization Corp., California, RB, Series 2003-A-1, 6.63%, 6/01/40 (b) | 10,000 | 11,685,200 |
| Los Angeles Department of Airports, RB, Series A, 5.25%, 5/15/39 | 1,560 | 1,563,744 |
| | Par | |
| Municipal Bonds | (000) | Value |
| California (concluded) | | |
| Los Angeles Regional Airports Improvement Corp., California, Refunding RB, Facilities, LAXFUEL Corp., LA International, AMT (AMBAC), 5.50%, 1/01/32 | \$ 13,320 | \$ 12,779,208 |
| Los Angeles Unified School District, California, GO, Series D, 5.25%, 7/01/24 | 5,000 | 5,396,800 |
| Los Angeles Unified School District, California, GO, Series D, 5.25%, 7/01/25 | 3,490 | 3,736,150 |
| Los Angeles Unified School District, California, GO, Series D, 5.00%, 7/01/26 | 1,305 | 1,362,772 |
| Murrieta Community Facilities District, California, Special Tax Bonds, District No. 2, The Oaks Improvement Area A, 6.00%, 9/01/34 | 5,000 | 4,333,200 |
| San Francisco City & County Public Utilities Commission, RB, Series B, 5.00%, 11/01/39 | 18,550 | 18,921,927 |
| State of California, GO, Refunding, Various Purpose, 5.00%, 6/01/34 | 6,250 | 5,609,313 |
| State of California, GO, Various Purpose, 5.00%, 6/01/32 | 4,000 | 3,643,720 |
| State of California, GO, Various Purpose, 6.50%, 4/01/33 | 20,410 | 21,802,166 |

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| | | |
|-----------------------------------------|--------|-------------|
| University of California, RB, Limited | | |
| Project, Series B, 4.75%, 5/15/38 | 10,565 | 9,908,385 |
| West Valley-Mission Community College | | |
| District, GO, Election of 2004, Series | | |
| A (AGM), 4.75%, 8/01/30 | 4,015 | 4,015,000 |
| | | 149,868,291 |
| Colorado 1.7% | | |
| City of Colorado Springs, Colorado, RB, | | |
| Subordinate Lien, Improvement, | | |
| Series C (AGM), 5.00%, 11/15/45 | 2,545 | 2,579,281 |
| Colorado Health Facilities Authority, | | |
| Refunding RB, Catholic Healthcare, | | |
| Series A, 5.50%, 7/01/34 | 4,205 | 4,432,364 |

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.

| | | | |
|-------|-----------------------------------------|-------|----------------------------------------|
| ACA | American Capital Access Corp. | FNMA | Federal National Mortgage Association |
| AGC | Assured Guaranty Corp. | GO | General Obligation Bonds |
| AGM | Assured Guaranty Municipal Corp. | HFA | Housing Finance Agency |
| AMBAC | American Municipal Bond Assurance Corp. | IDA | Industrial Development Authority |
| AMT | Alternative Minimum Tax (subject to) | IDRB | Industrial Development Revenue Bonds |
| CAB | Capital Appreciation Bonds | NPFGC | National Public Finance Guaranty Corp. |
| EDA | Economic Development Authority | RB | Revenue Bonds |
| EDC | Economic Development Corp. | | |

BLACKROCK MUNICIPAL INCOME TRUST JANUARY 31, 2010 1

Schedule of Investments (continued)

BlackRock Municipal Income Trust (BFK)

(Percentages shown are based on Net Assets)

| Municipal Bonds | Par (000) | Value |
|-----------------------------------------------------------------------------------------------------------------------|--------------|---------------------------|
| Colorado (concluded) | | |
| Park Creek Metropolitan District, Colorado, Refunding RB, Senior, Limited Tax, Property Tax, 5.50%, 12/01/37 | \$ 2,530 | \$ 2,311,889 9,323,534 |
| District of Columbia 7.5% | | |
| District of Columbia, RB, CAB, Georgetown, Series A (NPFGC), 6.03%, 4/01/36 (a)(b) | 15,600 | 3,524,196 |
| District of Columbia, RB, CAB, Georgetown, Series A (NPFGC), 6.03%, 4/01/37 (a)(b) | 51,185 | 10,891,656 |
| District of Columbia, Refunding RB, Friendship Public Charter School Inc. (ACA), 5.25%, 6/01/33 | 2,390 | 1,933,223 |
| District of Columbia Tobacco Settlement Financing Corp., Refunding RB, Asset- Backed, 6.75%, 5/15/40 | 23,035 | 23,080,149 |
| Metropolitan Washington Airports Authority, RB, First Senior Lien, Series A, 5.00%, 10/01/39 | 990 | 1,000,524 |
| Metropolitan Washington Airports Authority, RB, First Senior Lien, Series A, 5.25%, 10/01/44 | 1,545 | 1,590,948 42,020,696 |
| Florida 4.4% | | |
| County of Miami-Dade, Florida, Refunding RB, Miami International Airport, Series A-1, 5.38%, 10/01/41 | 2,280 | 2,257,542 |
| County of Orange, Florida, Refunding RB (Syncora), 4.75%, 10/01/32 | 5,440 | 5,314,119 |
| Miami Beach Health Facilities Authority, RB, Mount Sinai Medical Center of Florida, 6.75%, 11/15/21 | 7,485 | 7,553,338 |

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| | | |
|------------------------------------------|--------------|--------------|
| Stevens Plantation Community | | |
| Development District, Special | | |
| Assessment Bonds, Series A, 7.10%, | | |
| 5/01/35 | 3,770 | 2,859,507 |
| Village Community Development District | | |
| No. 6, Special Assessment Bonds, | | |
| 5.63%, 5/01/22 | 7,200 | 6,741,792 |
| | | 24,726,298 |
| Georgia 2.2% | | |
| De Kalb Private Hospital Authority, | | |
| Refunding RB, Children's Healthcare, | | |
| 5.25%, 11/15/39 | 1,650 | 1,657,392 |
| Metropolitan Atlanta Rapid Transit | | |
| Authority, RB, Third Series, 5.00%, | | |
| 7/01/39 | 6,805 | 7,042,562 |
| Richmond County Development | | |
| Authority, Refunding RB, International | | |
| Paper Co. Project, Series A, AMT, | | |
| 6.00%, 2/01/25 | 4,000 | 3,937,880 |
| | | 12,637,834 |
| | Par | |
| | (000) | Value |
| Municipal Bonds | | |
| Guam 1.0% | | |
| Territory of Guam, GO, Series A, 6.00%, | | |
| 11/15/19 | \$ 1,245 | \$ 1,264,397 |
| Territory of Guam, GO, Series A, 6.75%, | | |
| 11/15/29 | 2,180 | 2,257,717 |
| Territory of Guam, GO, Series A, 7.00%, | | |
| 11/15/39 | 2,255 | 2,314,104 |
| | | 5,836,218 |
| Illinois 6.3% | | |
| Illinois Finance Authority, RB, Advocate | | |
| Health Care, Series C, 5.38%, | | |
| 4/01/44 | 10,630 | 10,794,552 |
| Illinois Finance Authority, RB, MJH | | |
| Education Assistance IV LLC, Sub- | | |
| Series B, 5.38%, 6/01/35 (c)(d) | 1,675 | 118,892 |
| Illinois Finance Authority, RB, Monarch | | |
| Landing Inc. Facility, Series A, 7.00%, | | |
| 12/01/37 (c)(d) | 2,885 | 923,200 |

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| | | |
|----------------------------------------------------------------------------------------------------------|--------|------------|
| Illinois Finance Authority, Refunding RB, Central DuPage Health, Series B, 5.50%, 11/01/39 | 3,160 | 3,263,300 |
| Illinois Finance Authority, Refunding RB, Elmhurst Memorial Healthcare, 5.50%, 1/01/22 | 5,000 | 4,935,300 |
| Illinois Finance Authority, Refunding RB, Elmhurst Memorial Healthcare, 5.63%, 1/01/28 | 6,000 | 5,716,740 |
| Illinois Finance Authority, Refunding RB, Friendship Village Schaumburg, Series A, 5.63%, 2/15/37 | 845 | 663,925 |
| Illinois Finance Authority, Refunding RB, Series 05-A, 5.25%, 7/01/41 | 760 | 786,228 |
| Illinois Municipal Electric Agency, RB (NPFGC), 4.50%, 2/01/35 | 1,495 | 1,376,970 |
| State of Illinois, RB, Build Illinois, Series B, 5.25%, 6/15/34 | 1,240 | 1,277,894 |
| Village of Bolingbrook Illinois, GO, Refunding, Series B (NPFGC), 6.01%, 1/01/33 (a) | 6,820 | 1,944,519 |
| Village of Bolingbrook Illinois, GO, Refunding, Series B (NPFGC), 6.01%, 1/01/34 (a) | 14,085 | 3,766,752 |
| | | 35,568,272 |
| Indiana 7.8% | | |
| City of Vincennes, Indiana, Refunding RB, Southwest Indiana Regional Youth Village, 6.25%, 1/01/24 | 2,130 | 1,758,336 |
| Indiana Finance Authority, RB, Sisters of St. Francis Health, 5.25%, 11/01/39 | 1,655 | 1,673,751 |
| Indiana Finance Authority, Refunding RB, Duke Energy Indiana Inc., Series C, 4.95%, 10/01/40 | 6,480 | 6,284,693 |
| Indiana Health Facility Financing Authority, Refunding RB, Methodist Hospital Inc., 5.50%, 9/15/31 | 9,000 | 7,436,700 |
| Indiana Municipal Power Agency, RB, Series B, 6.00%, 1/01/39 | 2,150 | 2,291,986 |

Schedule of Investments (continued)

BlackRock Municipal Income Trust (BFK)

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|
| Municipal Bonds | | |
| Indiana (concluded) | | |
| Petersburg Indiana, RB, Indiana Power & Light, AMT, 5.90%, 12/01/24 | \$ 10,000 | \$ 9,635,600 |
| Petersburg Indiana, RB, Indiana Power & Light, AMT, 5.95%, 12/01/29 | 16,000 | 15,042,080 |
| | | 44,123,146 |
| Kentucky 0.1% | | |
| Kentucky Housing Corp., RB, Series F, AMT (FNMA), 5.45%, 1/01/32 | 660 | 662,112 |
| Louisiana 1.3% | | |
| Louisiana Local Government Environmental Facilities & Community Development Authority, RB, Capital Projects & Equipment Acquisition Program (ACA), 6.55%, 9/01/25 | 8,430 | 7,324,743 |
| Maryland 0.6% | | |
| Maryland Community Development Administration, Refunding RB, Residential, Series A, AMT, 4.65%, 9/01/32 | 2,665 | 2,464,725 |
| Maryland EDC, RB, Transportation Facilities Project, Series A, 5.75%, 6/01/35 | 855 | 863,550 |
| | | 3,328,275 |
| Massachusetts 0.6% | | |
| Massachusetts Health & Educational Facilities Authority, Refunding RB, Partners Healthcare, Series J1, 5.00%, 7/01/39 | 3,535 | 3,548,044 |
| Michigan 0.7% | | |
| Michigan State Hospital Finance Authority, Refunding RB, Henry Ford Health System, Series A, 5.25%, 11/15/46 | 4,230 | 3,697,020 |
| Mississippi 3.3% | | |

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| | | |
|-------------------------------------------------------------------------------------------------------------------|--------------|--------------|
| City of Gulfport, Mississippi, RB, Memorial Hospital at Gulfport Project, Series A, 5.75%, 7/01/31 | 18,455 | 18,464,043 |
| Missouri 0.1% | | |
| Missouri Joint Municipal Electric Utility Commission, RB, Plum Point Project (NPFGC), 4.60%, 1/01/36 | 595 | 502,293 |
| Multi-State 5.6% | | |
| Centerline Equity Issuer Trust, 6.80%, 11/30/50 (e)(f) | 6,500 | 6,678,100 |
| Centerline Equity Issuer Trust, 6.80%, 10/31/52 (e)(f) | 16,000 | 17,279,840 |
| MuniMae TE Bond Subsidiary LLC, 7.50%, 6/30/49 (e)(f)(g) | 7,896 | 7,322,726 |
| | | 31,280,666 |
| | Par | |
| | (000) | Value |
| Municipal Bonds | | |
| Nebraska 0.5% | | |
| Omaha Public Power District, RB, Series A, 4.75%, 2/01/44 | \$ 2,695 | \$ 2,672,524 |
| Nevada 0.9% | | |
| County of Clark, Nevada, Refunding RB, Alexander Dawson School, Nevada Project, 5.00%, 5/15/29 | 5,260 | 5,227,441 |
| New Hampshire 0.6% | | |
| New Hampshire Health & Education Facilities Authority, RB, Exeter Project, 5.75%, 10/01/31 | 3,500 | 3,561,705 |
| New Jersey 7.5% | | |
| Middlesex County Improvement Authority, RB, Subordinate, Heldrich Center Hotel, Series B, 6.25%, 1/01/37 | 3,680 | 680,800 |
| New Jersey EDA, RB, Cigarette Tax, 5.75%, 6/15/29 | 15,500 | 15,214,955 |
| New Jersey EDA, RB, Continental Airlines Inc. Project, AMT, 7.00%, 11/15/30 | 15,410 | 14,695,746 |
| New Jersey EDA, Special Assessment Bonds, Refunding, Kapkowski Road Landfill Project, 6.50%, 4/01/28 | 8,000 | 7,990,640 |

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| | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------|
| Tobacco Settlement Financing Corp., New Jersey, Refunding RB, Series 1A, 4.50%, 6/01/23 | 4,125 | 3,845,655 |
| | | 42,427,796 |
| New York 6.3% | | |
| Albany Industrial Development Agency, RB, New Covenant Charter School Project, Series A, 7.00%, 5/01/35 | 1,820 | 1,146,564 |
| New York City Industrial Development Agency, RB, American Airlines Inc., JFK International Airport, AMT, 8.00%, 8/01/28 | 5,000 | 5,014,600 |
| New York City Industrial Development Agency, RB, American Airlines Inc., JFK International Airport, AMT, 7.75%, 8/01/31 | 22,140 | 21,918,378 |
| New York Liberty Development Corp., RB, Goldman Sachs Headquarters, 5.25%, 10/01/35 | 3,545 | 3,563,186 |
| New York State Dormitory Authority, Refunding RB, NYU Hospital Center, Series A, 5.00%, 7/01/20 | 4,000 | 4,004,200 |
| | | 35,646,928 |
| North Carolina 4.9% | | |
| City of Charlotte, North Carolina, RB, Series B, 5.00%, 7/01/38 | 1,860 | 1,982,871 |
| City of Charlotte, North Carolina, RB, Series B, 4.50%, 7/01/39 | 1,800 | 1,794,114 |
| Gaston County Industrial Facilities & Pollution Control Financing Authority, North Carolina, RB, Exempt Facilities, National Gypsum Co. Project, AMT, 5.75%, 8/01/35 | 12,130 | 7,790,614 |

BLACKROCK MUNICIPAL INCOME TRUST JANUARY 31, 2010 3

Schedule of Investments (continued)

BlackRock Municipal Income Trust (BFK)

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|----------------------------------------------------------------------------------------------------------------------------|--------------|---------------|
| Municipal Bonds | | |
| North Carolina (concluded) | | |
| North Carolina Capital Facilities Finance Agency, Refunding RB, Duke University Project, Series B, 4.25%, 7/01/42 | \$ 11,300 | \$ 10,796,020 |
| North Carolina Eastern Municipal Power Agency, Refunding RB, Series B, 5.00%, 1/01/26 | 1,000 | 1,028,970 |
| North Carolina Medical Care Commission, RB, Duke University Health System, Series A, 5.00%, 6/01/39 | 1,240 | 1,244,514 |
| North Carolina Medical Care Commission, RB, Duke University Health System, Series A, 5.00%, 6/01/42 | 2,750 | 2,736,690 |
| | | 27,373,793 |
| Ohio 1.9% | | |
| Buckeye Tobacco Settlement Financing Authority, RB, Asset-Backed, Senior Series A-2, 6.50%, 6/01/47 | 3,120 | 2,616,494 |
| County of Montgomery, Ohio, Refunding RB, Catholic Healthcare, Series A, 5.00%, 5/01/39 | 5,450 | 5,449,564 |
| Pinnacle Community Infrastructure Financing Authority, RB, Facilities, Series A, 6.25%, 12/01/36 | 3,760 | 2,808,307 |
| | | 10,874,365 |
| Oklahoma 1.3% | | |
| Tulsa Airports Improvement Trust, RB, Series A, AMT, 7.75%, 6/01/35 | 7,175 | 7,027,984 |
| Pennsylvania 4.7% | | |
| Pennsylvania Economic Development Financing Authority, RB, Amtrak Project, Series A, AMT 6.38%, | | |

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|----------------------------------------------------------------------------------------------------------------|--------------|-----------------------------|
| 11/01/41 | 6,500 | 6,566,300 |
| Pennsylvania Economic Development Financing Authority, RB, Aqua Pennsylvania Inc. Project, 5.00%, | | |
| 11/15/40 | 3,725 | 3,724,739 |
| Pennsylvania Economic Development Financing Authority, RB, Reliant Energy, Series A, AMT 6.75%, | | |
| 12/01/36 | 11,345 | 11,473,652 |
| Pennsylvania HFA, Refunding RB, Series 97A, AMT, 4.60%, 10/01/27 | | |
| Pennsylvania Turnpike Commission, RB, Sub-Series D, 5.13%, 12/01/40 | | |
| | | 26,763,782 |
| Puerto Rico 3.1% | | |
| Commonwealth of Puerto Rico, GO, Refunding, Public Improvement, Series C, 6.00%, 7/01/39 | | |
| | 5,820 | 5,915,914 |
| | Par | |
| Municipal Bonds | (000) | Value |
| Puerto Rico (concluded) | | |
| Puerto Rico Sales Tax Financing Corp., RB, First Sub-Series A, 6.50%, 8/01/44 | | |
| | \$ 10,900 | \$ 11,632,044 17,547,958 |
| South Carolina 3.2% | | |
| Lexington County Health Services District Inc., Refunding RB, 5.75%, 11/01/28 (b) | | |
| | 10,000 | 11,704,400 |
| South Carolina Jobs EDA, Refunding RB, Palmetto Health Alliance, Series A, 6.25%, 8/01/31 | | |
| | 5,075 | 5,146,507 |
| South Carolina Jobs EDA, Refunding RB, Palmetto Health, Series C, 6.88%, 8/01/27 (b) | | |
| | 990 | 1,181,208 18,032,115 |
| Tennessee 0.5% | | |
| Knox County Health Educational & Housing Facilities Board, Tennessee, Refunding RB, CAB, Series A (AGM), | | |

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| | | |
|------------------------------------------------------------------------------------------------------------------------|--------|------------|
| 5.70%, 1/01/20 (a) | 5,055 | 2,991,448 |
| Texas 20.7% | | |
| Brazos River Authority, RB, TXU Electric, Series A, AMT, 8.25%, 10/01/30 | 4,370 | 3,016,174 |
| Brazos River Authority, Refunding RB, TXU Electric Co. Project, Series C, AMT, 5.75%, 5/01/36 | 4,265 | 4,009,868 |
| City of Houston, Texas, RB, Senior Lien, Series A, 5.50%, 7/01/39 | 3,000 | 3,186,660 |
| City of Houston Texas, Refunding RB, Combined, First Lien, Series A (AGC), 6.00%, 11/15/35 | 16,425 | 18,544,646 |
| Harris County-Houston Sports Authority, Refunding RB, CAB, Junior Lien, Series H (NPFGC), 6.11%, 11/15/35 (a) | 5,000 | 786,600 |
| Harris County-Houston Sports Authority, Refunding RB, CAB, Senior Lien, Series A (NPFGC), 5.94%, 11/15/38 (a) | 12,580 | 1,587,219 |
| Harris County-Houston Sports Authority, Refunding RB, Third Lien, Series A-3 (NPFGC), 5.97%, 11/15/37 (a) | 26,120 | 3,512,879 |
| Lower Colorado River Authority, Refunding RB, LCRA Transmission Services Project (AMBAC), 4.75%, 5/15/34 | 12,205 | 11,894,993 |
| Lower Colorado River Authority, Refunding RB, Refunding & Improvement (NPFGC), 5.00%, 5/15/31 (b) | 70 | 78,602 |
| Lower Colorado River Authority, Refunding RB, Refunding & Improvement (NPFGC), 5.00%, 5/15/31 | 2,275 | 2,289,241 |

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Schedule of Investments (continued)

BlackRock Municipal Income Trust (BFK)

(Percentages shown are based on Net Assets)

| Municipal Bonds | Par (000) | Value |
|-----------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|
| Texas (concluded) | | |
| Lower Colorado River Authority, Refunding RB (NPFGC), 5.00%, 5/15/31 (b) | \$ 50 | \$ 56,248 |
| Lower Colorado River Authority, Refunding RB, Series A (NPFGC), 5.00%, 5/15/31 (b) | 5 | 5,625 |
| North Texas Tollway Authority, RB, Toll, 2nd Tier, Series F, 6.13%, 1/01/31 | 12,180 | 12,734,799 |
| San Antonio Energy Acquisition Public Facility Corp., RB, Gas Supply, 5.50%, 8/01/25 | 6,540 | 6,832,273 |
| State of Texas, GO, Transportation Community, Mobility Fund, Series A, 4.75%, 4/01/35 | 7,000 | 6,979,140 |
| Texas Private Activity Bond Surface Transportation Corp., RB, Senior Lien, Note Mobility, 6.88%, 12/31/39 | 7,590 | 7,900,962 |
| Texas State Affordable Housing Corp., RB, American Opportunity Housing Portfolio, Junior Series B, 8.00%, 3/01/32 (c)(d) | 4,435 | 220,686 |
| Texas State Turnpike Authority, RB, CAB (AMBAC), 6.06%, 8/15/32 (a) | 25,000 | 5,300,250 |
| Texas State Turnpike Authority, RB, CAB (AMBAC), 6.07%, 8/15/33 (a) | 62,325 | 11,921,526 |
| Texas State Turnpike Authority, RB, CAB (AMBAC), 6.07%, 8/15/34 (a) | 65,040 | 11,541,998 |
| Texas State Turnpike Authority, RB, First Tier, Series A (AMBAC), 5.00%, 8/15/42 | 5,000 | 4,569,600 |
| | | 116,969,989 |
| Utah 1.3% | | |
| City of Riverton, Utah, RB, IHC Health Services Inc., 5.00%, 8/15/41 | 7,150 | 7,138,560 |

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Virginia 1.2%

| | | |
|-----------------------------------------------------------------------------------------------------------|-------|-----------|
| City of Norfolk Virginia, Refunding RB, Series B (AMBAC), 5.50%, 2/01/31 | 2,635 | 2,567,781 |
| Virginia Commonwealth Transportation Board, RB, CAB, Contract, Route 28 (NPFGC), 5.29%, 4/01/32 (a) | 8,105 | 2,536,784 |
| Virginia Small Business Financing Authority, Refunding RB, Sentara Healthcare, 5.00%, 11/01/40 | 1,890 | 1,883,971 |
| | | 6,988,536 |

Washington 1.5%

| | | |
|----------------------------------------------------------------------------------------------------------------------------------------|-------|-----------|
| County of King Washington, Refunding RB (AGM), 5.00%, 1/01/36 | 3,615 | 3,698,507 |
| Washington Health Care Facilities Authority, Refunding RB, Providence Health Care Services, Series A (NPFGC), 4.63%, 10/01/34 | 5,095 | 4,909,491 |
| | | 8,607,998 |

| | | |
|--|--------------|--------------|
| | Par | |
| | (000) | Value |

Municipal Bonds

Wisconsin 1.6%

| | | |
|--------------------------------------------------------------------------------------------------------------------------------|----------|--------------|
| Wisconsin Health & Educational Facilities Authority, RB, Aurora Health Care, 6.40%, 4/15/33 | \$ 7,500 | \$ 7,640,250 |
| Wisconsin Health & Educational Facilities Authority, Refunding RB, Froedtert & Community Health Inc., 5.38%, 10/01/30 | 1,205 | 1,224,810 |
| | | 8,865,060 |

Wyoming 0.4%

| | | |
|-----------------------------------------------------------------------------------|---------------|--------------------|
| Wyoming Community Development Authority, RB, Series 3, AMT, 4.65%, 12/01/27 | 2,765 | 2,635,792 |
| Total Municipal Bonds | 136.6% | 770,877,064 |

Municipal Bonds Transferred to Tender

Option Bond Trusts (h)

Alabama 0.8%

| | | |
|------------------------------------------------------------------------------------------------------------|--|--|
| Alabama Special Care Facilities Financing Authority Birmingham, Alabama, RB, Ascension Health Senior | | |
|------------------------------------------------------------------------------------------------------------|--|--|

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| | | |
|---------------------------------------------------------------------------------------------------------------|-------|------------|
| Credit, Series C 2, 5.00%, 11/15/36 | 4,548 | 4,550,435 |
| California 3.2% | | |
| California Educational Facilities Authority, RB, University of Southern California, Series A, 5.25%, 10/01/18 | 5,115 | 5,398,882 |
| Los Angeles Community College District, California, GO, Election of 2001, Series A (AGM.), 5.00%, 8/01/32 | 4,500 | 4,547,655 |
| San Diego Community College District, California, GO, Election of 2002, 5.25%, 8/01/33 | 3,260 | 3,334,063 |
| University of California, RB, Series C (NPFGC), 4.75%, 5/15/37 | 5,000 | 4,931,900 |
| | | 18,212,500 |
| Colorado 2.2% | | |
| Colorado Health Facilities Authority, RB, Catholic Health, Series C 3 (AGM), 5.10%, 10/01/41 | 7,600 | 7,493,676 |
| Colorado Health Facilities Authority, RB, Catholic Health, Series C 7 (AGM), 5.00%, 9/01/36 | 4,860 | 4,782,483 |
| | | 12,276,159 |
| Connecticut 3.5% | | |
| Connecticut State Health & Educational Facility Authority, RB, Yale University, Series T 1, 4.70%, 7/01/29 | 9,400 | 9,932,416 |
| Connecticut State Health & Educational Facility Authority, RB, Yale University, Series X 3, 4.85%, 7/01/37 | 9,360 | 9,756,302 |
| | | 19,688,718 |

BLACKROCK MUNICIPAL INCOME TRUST JANUARY 31, 2010 5

Schedule of Investments (continued)

BlackRock Municipal Income Trust (BFK)

(Percentages shown are based on Net Assets)

| Municipal Bonds Transferred to Tender | Par (000) | Value |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------|
| Option Bond Trusts (h) | | |
| Illinois 1.5% | | |
| Chicago New Public Housing Authority, Illinois, Refunding RB (AGM), 5.00%, 7/01/24 | \$ 8,232 | \$ 8,542,668 |
| Massachusetts 1.2% | | |
| Massachusetts Water Resources Authority, RB, Generation, Series A, 5.00%, 8/01/41 | 6,770 | 6,878,929 |
| New Hampshire 0.8% | | |
| New Hampshire Health & Education Facilities Authority, Refunding RB, Dartmouth College, 5.25%, 6/01/39 | 3,988 | 4,283,145 |
| New York 1.6% | | |
| New York City Municipal Water Finance Authority, RB, Series FF-2, 5.50%, 6/15/40 | 3,074 | 3,363,751 |
| New York State Environmental Facilities Corp., New York, RB, Revolving Funds New York City Municipal Water Project, Series B, 5.00%, 6/15/31 | 5,370 | 5,476,970 8,840,721 |
| Virginia 3.2% | | |
| University of Virginia, Refunding RB, General, 5.00%, 6/01/40 | 10,750 | 11,341,465 |
| Virginia Housing Development Authority, RB, Series H, (NPFGC), 5.35%, 7/01/31 | 6,810 | 6,873,674 18,215,139 |
| Washington 3.7% | | |
| Central Puget Sound Regional Transportation Authority, Washington, RB, Series A (AGM), 5.00%, 11/01/32 | 5,459 | 5,686,419 |
| State of Washington, GO, Various Purpose Series E, 5.00%, 2/01/34 | 14,487 | 15,094,958 20,781,377 |

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| | | | |
|---------------------------------------------|-------|----------------|-------------|
| Total Municipal Bonds Transferred to | | | |
| Tender Option Bond Trusts | 21.7% | | 122,269,791 |
| Total Long-Term Investments | | | |
| | (Cost | \$925,876,374) | 158.3% |
| | | | 893,146,855 |

| | | | |
|----------------------------------------------------|------------|---------------|---------|
| Short-Term Securities | | Shares | |
| FFI Institutional Tax-Exempt Fund, 0.16% (i)(j) | | 227,610 | 227,610 |
| Total Short-Term Securities | | | |
| (Cost | \$227,610) | 0.0% | 227,610 |

| | | |
|-------------------------------------------------------------|-----------------|----------------|
| | | Value |
| Total Investments | | |
| (Cost | \$926,103,984*) | 158.3% |
| | | \$ 893,374,465 |
| Other Assets Less Liabilities | 1.8% | 10,344,371 |
| Liability for Trust Certificates, Including Interest | | |
| Expense and Fees Payable | (12.1)% | (68,625,472) |
| Preferred Shares, at Redemption Value | (48.0)% | (270,890,956) |
| Net Assets Applicable to Common Shares | 100.0% | \$ 564,202,408 |

* The cost and unrealized appreciation (depreciation) of investments as of January 31, 2010, as computed for federal income tax purposes, were as follows:

| | |
|-------------------------------|----------------|
| Aggregate cost | \$ 859,224,003 |
| Gross unrealized appreciation | \$ 23,413,610 |
| Gross unrealized depreciation | (57,846,649) |
| Net unrealized depreciation | \$ (4,433,039) |

- (a) Represents a zero-coupon bond. Rate shown reflects the current yield as of report date.
- (b) U.S. 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) Issuer filed for bankruptcy and/or is in default of interest payments.
- (d) Non-income producing security.
- (e) Security exempt from registration under Rule 144A of the Securities Act of 1933. These securities may be resold in transactions exempt from registration to qualified institutional investors.
- (f) Security represents a beneficial interest in a trust. The collateral deposited into the trust is federally tax-exempt revenue bonds issued by various state or local governments, or their respective agencies or authorities. The security is subject to remarketing prior to its stated maturity, and is subject to mandatory redemption at maturity.

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- (g) Variable rate security. Rate shown is as of report date.
- (h) Securities represent bonds transferred to a tender option bond trust in exchange for which the Trust acquired residual interest certificates. These securities serve as collateral in a financing transaction.
- (i) Investments in companies considered to be an affiliate of the Trust, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, were as follows:

| Affiliate | Net Activity | Income |
|-----------------------------------|-------------------------|---------------|
| FFI Institutional Tax-Exempt Fund | \$ (196,340) | \$ 24,301 |

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

Fair Value Measurements Various inputs are used in determining the fair value of investments, which are 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, repayment speeds, loss severities, credit risks and default rates) or other market-corroborated inputs)

Schedule of Investments (concluded)

BlackRock Municipal Income Trust (BFK)

(Percentages shown are based on Net Assets)

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

The inputs or methodology used for valuing securities are not necessarily an indication of the risk associated with investing in those securities. For information about the Trust's policy regarding valuation of investments and other significant accounting policies, please refer to the Trust's most recent financial statements as contained in the semi-annual report.

The following table summarizes the inputs used as of January 31, 2010 in determining the fair valuation of the Trust's investments:

| Valuation Inputs | Investments in Securities Assets |
|----------------------------------------------|-------------------------------------------------|
| Level 1 - Short-Term Securities | \$ 227,610 |
| Level 2 - Long-Term Investments ¹ | 893,146,855 |
| Level 3 | - |
| Total | \$ 893,374,465 |

¹See above Schedule of Investments for values in each state or political subdivision.

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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 13(a)-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 Municipal Income Trust

By: /s/ Anne F. Ackerley

Anne F. Ackerley
Chief Executive Officer of
BlackRock Municipal Income Trust

Date: March 19, 2010

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/ Anne F. Ackerley

Anne F. Ackerley
Chief Executive Officer (principal executive officer) of
BlackRock Municipal Income Trust

Date: March 19, 2010

By: /s/ Neal J. Andrews

Neal J. Andrews
Chief Financial Officer (principal financial officer) of
BlackRock Municipal Income Trust

Date: March 19, 2010
