

BLACKROCK MUNI ENHANCED FUND INC
Form N-Q
June 26, 2008

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED
MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number 811-05739

Name of Fund: BlackRock MuniEnhanced Fund, Inc. (MEN)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

Name and address of agent for service: Donald C. Burke, Chief Executive Officer,
BlackRock MuniEnhanced Fund, Inc., 800 Scudders Mill Road, Plainsboro, NJ
08536. Mailing address: P.O. Box 9011, Princeton, NJ 08543-9011

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

Date of fiscal year end: 01/31/2008

Date of reporting period: 02/01/2008 - 04/30/2008

Item 1 - Schedule of Investments

BlackRock MuniEnhanced Fund, Inc.
Schedule of Investments as of April 30, 2008 (Unaudited)
(Percentages shown are based on Net Assets)

State	Municipal Bonds
Alabama - 1.9%	Jefferson County, Alabama, Limited Obligation School Warrants, Series A, 5.50%, 1/01/22 Jefferson County, Alabama, Limited Obligation School Warrants, Series A, 4.75%, 1/01/25 University of Alabama, General Revenue Bonds, Series A, 5%, 7/01/34 (a)
Arizona - 0.8%	Salt Verde Financial Corporation, Arizona, Senior Gas Revenue Bonds, 5%, 12/01/37
California - 32.2%	Alameda Corridor Transportation Authority, California, Capital Appreciation Revenue Refunding Bonds, Subordinate Lien, Series A, 5.464%, 10/01/24 (b) Alameda Corridor Transportation Authority, California, Capital Appreciation Revenue Refunding Bonds, Subordinate Lien, Series A, 5.495%, 10/01/25 (b) Anaheim, California, Public Financing Authority, Electric System Distribution Facilities Revenue Bonds, Series A, 5%, 10/01/31 (d) Anaheim, California, Public Financing Authority, Lease Revenue Bonds (Public Improvements Project), Senior Series A, 6%, 9/01/24 (d)

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Antelope Valley, California, Community College District, GO (Election of 2002), Series B, 5.25%, 8/01/39 (a)
Arcadia, California, Unified School District, Capital Appreciation, GO (Election of 2006), Series A, 4.96%, 8/01/39 (c) (d)
Cabrillo, California, Community College District, GO (Election of 2004), Series B, 5.20%, 8/01/37 (a) (c)
California State, GO, Refunding, 5.25%, 9/01/10 (e)
California State, GO, Refunding, 5.125%, 6/01/11 (e)
California State, GO, Refunding, 5.125%, 6/01/27
California State, GO, Refunding, 5.125%, 6/01/31
California State, GO, Refunding, 5.25%, 2/01/33 (f)
California State, GO, Refunding, 5%, 6/01/37 (g)
California State Public Works Board, Lease Revenue Bonds (Department of Corrections), Series C, 5%, 6/01/25
California State University, Systemwide Revenue Bonds, Series A, 5%, 11/01/35 (h)
California State, Various Purpose, GO, 5.50%, 11/01/33
Chino Valley, California, Unified School District, GO (Election of 2002), Series C, 5.25%, 8/01/30 (a)

Portfolio Abbreviations

To simplify the listings of BlackRock MuniEnhanced 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
DRIVERS	Derivative Inverse Tax-Exempt Receipts
EDA	Economic Development Authority
GO	General Obligation Bonds
HDA	Housing Development Authority
HFA	Housing Finance Agency
IDA	Industrial Development Authority
IDR	Industrial Development Revenue Bonds
PCR	Pollution Control Revenue Bonds
PUTTERS	Puttable Tax-Exempt Receipts
S/F	Single-Family
VRDN	Variable Rate Demand Notes

BlackRock MuniEnhanced Fund, Inc.

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(Percentages shown are based on Net Assets)

State

Municipal Bonds

East Side Union High School District, California, Santa Clara County, GO (Election of 2002), Series D, 5%, 8/01/26 (g)
Fresno, California, Unified School District, GO (Election of 2001), Series E, 5%, 8/01/30 (d)
Golden State Tobacco Securitization Corporation of California, Tobacco Set Revenue Bonds, Series B, 5.50%, 6/01/13 (e) (g)
Los Angeles, California, Department of Water and Power, Waterworks Revenue Bonds, Series C, 5%, 7/01/29 (a)
Metropolitan Water District of Southern California, Waterworks Revenue Bonds

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Series B-1, 5%, 10/01/29 (h)
 Metropolitan Water District of Southern California, Waterworks Revenue Bonds
 Series B-1, 5%, 10/01/36 (h)
 Norco, California, Redevelopment Agency, Tax Allocation Refunding Bonds
 (Norco Redevelopment Project - Area Number 1), 5.125%, 3/01/30 (a)
 Orange County, California, Sanitation District, COP, 5%, 2/01/33 (h)
 Orange County, California, Sanitation District, COP, Series B, 5%,
 2/01/30 (d)
 Orange County, California, Sanitation District, COP, Series B, 5%,
 2/01/31 (d)
 Poway, California, Redevelopment Agency, Tax Allocation Refunding Bonds
 (Paguay Redevelopment Project), 5.125%, 6/15/33 (b)
 Rancho Cucamonga, California, Redevelopment Agency, Tax Allocation Refundi
 Bonds (Rancho Redevelopment Project), Series A, 5%, 9/01/34 (a)
 Redding, California, Electric System, COP, Series A, 5%, 6/01/30 (d)
 Sacramento, California, Unified School District, GO (Election of 2002),
 5%, 7/01/30 (a)
 Stockton, California, Public Financing Authority, Lease Revenue Bonds
 (Parking & Capital Projects), 5.125%, 9/01/30 (h)
 Tamalpais, California, Union High School District, GO (Election of 2001),
 5%, 8/01/28 (d)
 Ventura County, California, Community College District, GO (Election of 20
 Series B, 5%, 8/01/30 (a)

 Colorado - 5.8% Boulder County, Colorado, Hospital Development Revenue Bonds (Longmont Uni
 Hospital Project), 5.75%, 12/01/10 (e) (f)
 Colorado HFA, Revenue Bonds (S/F Program), AMT, Senior Series A-1,
 7.40%, 11/01/27
 Colorado HFA, Revenue Refunding Bonds (S/F Program), AMT, Senior Series A-
 7.50%, 4/01/31
 Colorado Health Facilities Authority Revenue Bonds (Catholic Health Initia
 Series A, 5.50%, 3/01/32 (i)
 Colorado Health Facilities Authority Revenue Bonds (Covenant
 Retirement Communities Inc.), Series A, 5.50%, 12/01/27 (f)
 Colorado Health Facilities Authority Revenue Bonds (Covenant Retirement
 Communities Inc.), Series A, 5.50%, 12/01/33 (f)
 Colorado Water Resources and Power Development Authority, Clean Water Reve
 Bonds, Series A, 6.25%, 9/01/10 (e)

BlackRock MuniEnhanced Fund, Inc.
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 (Percentages shown are based on Net Assets)

State

Municipal Bonds

 Denver, Colorado, City and County Airport Revenue Refunding Bonds, AMT,
 Series A, 6%, 11/15/18 (b)
 El Paso County, Colorado, School District Number 49, Falcon, GO, Series A,
 6%, 12/01/09 (d) (e)

 District of

District of Columbia, Ballpark Revenue Bonds, Series B-1, 5%,

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Columbia - 3.1%	2/01/31 (a) (h)

Florida - 4.1%	Duval County, Florida, School Board, COP (Master Lease Program), 5%, 7/01/33 (d) Highlands County, Florida, Health Facilities Authority, Hospital Revenue B (Adventist Health System), Series C, 5.25%, 11/15/36 Highlands County, Florida, Health Facilities Authority, Hospital Revenue Refunding Bonds (Adventist Health System), Series G, 5.125%, 11/15/32 Miami, Florida, Special Obligation Revenue Bonds (Street and Sidewalk Improvement Program), 5%, 1/01/37 (a) Orange County, Florida, Sales Tax Revenue Refunding Bonds, Series B, 5.125%, 1/01/32 (h)

Georgia - 7.3%	Atlanta, Georgia, Airport Revenue Refunding Bonds, DRIVERS, Series 2642Z, 7.676%, 1/01/13 (d) (j) Atlanta, Georgia, Water and Wastewater Revenue Bonds, 5%, 11/01/34 (d) Atlanta, Georgia, Water and Wastewater Revenue Bonds, Series A, 5%, 11/01/ Atlanta, Georgia, Water and Wastewater Revenue Bonds, Series A, 5%, 11/01/ Augusta, Georgia, Water and Sewer Revenue Bonds, 5.25%, 10/01/39 (d) Fulton County, Georgia, Water and Sewer Revenue Bonds, 5.25%, 1/01/35 (h) Georgia Municipal Electric Authority, Power Revenue Refunding Bonds, Series EE, 7%, 1/01/25 (b)

Illinois - 18.4%	Chicago, Illinois, O'Hare International Airport, General Airport Revenue Refunding Bonds, Third Lien, AMT, Series A, 5.75%, 1/01/21 (a) Chicago, Illinois, O'Hare International Airport Revenue Bonds, Third Lien, Series B-2, 5.75%, 1/01/23 (d) Chicago, Illinois, O'Hare International Airport Revenue Bonds, Third Lien, Series B-2, 6%, 1/01/29 (g) Cook County, Illinois, Capital Improvement, GO, Series C, 5.50%, 11/15/12 Illinois Sports Facilities Authority, State Tax Supported Revenue Bonds, 5.341%, 6/15/30 (b) (c) Illinois Sports Facilities Authority, State Tax Supported Revenue Bonds, 5%, 6/15/32 (b) Metropolitan Pier and Exposition Authority, Illinois, Dedicated State Tax Revenue Refunding Bonds (McCormick Place Expansion Project), Series B, 5.75%, 6/15/23 (a)

BlackRock MuniEnhanced Fund, Inc.	
Schedule of Investments as of April 30, 2008 (Unaudited)	
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State	Municipal Bonds

	Regional Transportation Authority, Illinois, Revenue Bonds, Series A, 7.20%, 11/01/20 (b)

Louisiana - 7.3%	Lafayette, Louisiana, Utilities Revenue Bonds, 5%, 11/01/28 (a)

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Louisiana Local Government Environmental Facilities and Community Development Authority, Revenue Bonds (Capital Projects and Equipment Acquisition Program) Series A, 6.30%, 7/01/30 (b)
 Louisiana State Citizens Property Insurance Corporation, Assessment Revenue Bonds, Series B, 5%, 6/01/23 (b)
 Louisiana State, Gas and Fuels Tax Revenue Bonds, Series A, 5%, 5/01/36 (d)
 Louisiana State, Gas and Fuels Tax Revenue Bonds, Series A, 4.75%, 5/01/39
 Louisiana State Transportation Authority, Senior Lien Toll Revenue Capital Appreciation Bonds, Series B, 5.31%, 12/01/27 (b) (c)
 Rapides Financing Authority, Louisiana, Revenue Bonds (Cleco Power LLC Project) AMT, 4.70%, 11/01/36 (b)
 Terrebonne Parish, Louisiana, Hospital Service District Number 1, Hospital Revenue Bonds (Terrebonne General Medical Center Project), 5.50%, 4/01/33

 Massachusetts - 3.2% Massachusetts Bay Transportation Authority, Sales Tax Revenue Refunding Bonds Senior Series A-2, 5.12%, 7/01/35 (c)
 Massachusetts State, HFA, S/F Housing Revenue Bonds, AMT, Series 128, 4.80%, 12/01/27 (d)
 Massachusetts State Port Authority, Special Facilities Revenue Bonds, PUTTERS, VRDN, AMT, Series 501Z, 2.68%, 7/01/09 (b) (j)
 Massachusetts State School Building Authority, Dedicated Sales Tax Revenue Bonds, Series A, 5%, 8/15/30 (d)
 Massachusetts State Water Resource Authority, General Revenue Refunding Bonds, Series B, 5.125%, 8/01/27 (a)

 Michigan - 4.3% Detroit, Michigan, Sewage Disposal System, Second Lien Revenue Bonds, Series A, 5%, 7/01/36 (a) (h)
 Michigan Higher Education Student Loan Authority, Student Loan Revenue Refunding Bonds, AMT, Series XVII-G, 5.20%, 9/01/20 (b)
 Michigan State Strategic Fund, Limited Obligation Revenue Refunding Bonds (Edison Company Pollution Control Project), AMT, Series A, 5.50%, 6/01/30 (b)
 Michigan State Strategic Fund, Limited Obligation Revenue Refunding Bonds (Edison Company Pollution Control Project), AMT, Series C, 5.65%, 9/01/29 (b)
 Michigan State Strategic Fund, Limited Obligation Revenue Refunding Bonds (Edison Company Pollution Control Project), AMT, Series C, 5.45%, 12/15/32

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 State Municipal Bonds

 Minnesota - 0.9% Dakota County, Minnesota, Community Development Agency, S/F Mortgage Revenue Bonds (Mortgage-Backed Securities Program), Series B, 5.15%, 12/01/38 (k) (l)

 Mississippi - 0.8% Walnut Grove, Mississippi, Correctional Authority, COP, 6%, 11/01/09 (b) (e)

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Nebraska - 0.6%	Washington County, Nebraska, Wastewater Facilities Revenue Bonds (Cargill Inc. Project), AMT, 5.90%, 11/01/27
Nevada - 3.8%	Carson City, Nevada, Hospital Revenue Bonds (Carson-Tahoe Hospital Project Series A, 5.50%, 9/01/33 (f) Clark County, Nevada, Airport System Subordinate Lien Revenue Bonds, Series A, 5%, 7/01/30 (h) Clark County, Nevada, Airport System Subordinate Lien Revenue Bonds, Series A, 5%, 7/01/36 (h) Clark County, Nevada, IDR (Southwest Gas Corporation Project), AMT, Series A, 4.75%, 9/01/36 (h) Clark County, Nevada, IDR (Southwest Gas Corporation Project), AMT, Series A, 5.25%, 3/01/38 (h)
New Hampshire - 2.5%	New Hampshire Health and Education Facilities Authority Revenue Bonds (Dartmouth-Hitchcock Obligation Group), 5.50%, 8/01/27 (d)
New Jersey - 7.5%	New Jersey EDA, Cigarette Tax Revenue Bonds, 5.50%, 6/15/31 New Jersey EDA, Cigarette Tax Revenue Bonds, 5.75%, 6/15/34 New Jersey EDA, Motor Vehicle Surcharge Revenue Bonds, Series A, 5%, 7/01/29 (a) New Jersey EDA, Motor Vehicle Surcharge Revenue Bonds, Series A, 5.25%, 7/01/31 (a) New Jersey EDA, Motor Vehicle Surcharge Revenue Bonds, Series A, 5.25%, 7/01/33 (a) New Jersey EDA, School Facilities Construction Revenue Bonds, Series O, 5.25%, 3/01/28
New York - 2.0%	Erie County, New York, IDA, School Facility Revenue Bonds (City of Buffalo Project), Series A, 5.75%, 5/01/28 (d) Metropolitan Transportation Authority, New York, Transportation Revenue Bonds, Series A, 5%, 11/15/32 (h) Tobacco Settlement Financing Corporation of New York Revenue Bonds, Series A, 5.25%, 6/01/22 (b)
Pennsylvania - 1.9%	Pennsylvania HFA, S/F Mortgage Revenue Refunding Bonds, AMT, Series 99A, 5.25%, 10/01/32 Philadelphia, Pennsylvania, Authority for Industrial Development, Lease Revenue Bonds, Series B, 5.50%, 10/01/11 (d) (e)
Rhode Island - 2.7%	Providence, Rhode Island, Public Building Authority, General Revenue Bonds Series A, 6.25%, 12/15/10 (d) (e) Rhode Island State Economic Development Corporation, Airport Revenue Bonds Series B, 6.50%, 7/01/10 (e) (h)

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(Percentages shown are based on Net Assets)

State	Municipal Bonds
South Carolina - 1.9%	Berkeley County, South Carolina, School District, Installment Lease Revenue Bonds (Securing Assets for Education Project), 5.125%, 12/01/30 Kershaw County, South Carolina, Public Schools Foundation, Installment Power Revenue Refunding Bonds, 5%, 12/01/29 (m)
Tennessee - 1.1%	Knox County, Tennessee, Health, Educational and Housing Facilities Board, Hospital Facilities Revenue Refunding Bonds (Covenant Health), Series A, 5.04%, 1/01/38 (c) Tennessee Energy Acquisition Corporation, Gas Revenue Bonds, Series A, 5.25%, 9/01/26
Texas - 12.1%	Dallas-Fort Worth, Texas, International Airport, Joint Revenue Bonds, AMT, Series B, 6%, 11/01/23 (a) Dallas-Fort Worth, Texas, International Airport Revenue Bonds, AMT, Series A, 5.50%, 11/01/33 (a) Leander, Texas, Independent School District, Capital Appreciation, GO, Refunding (School Building), 5.58%, 8/15/35 (c) Lewisville, Texas, Independent School District, Capital Appreciation and Refunding (School Building), GO, Refunding, 4.67%, 8/15/24 (c)(h) Matagorda County, Texas, Navigation District Number 1, PCR, Refunding (Central Power and Light Company Project), AMT, 5.20%, 5/01/30 (a) North Harris County, Texas, Regional Water Authority, Senior Lien Revenue Bonds, 5.125%, 12/15/35 (a) North Texas Tollway Authority, System Revenue Refunding Bonds, 5.75%, 1/01/30 (a) North Texas Tollway Authority, System Revenue Refunding Bonds, First Tier, Series A, 6%, 1/01/25 Texas State Affordable Housing Corporation, S/F Mortgage Revenue Bonds (Professional Educators Home Loan Program), AMT, Series A-1, 5.50%, 12/01/30 (a) Texas State Turnpike Authority, Central Texas Turnpike System Revenue Bonds, First Tier, Series A, 5.50%, 8/15/39 (b)
Utah - 1.6%	Utah Transit Authority, Sales Tax Revenue Bonds, Series A, 5%, 6/15/36 (d)
Vermont - 0.9%	Vermont HFA, S/F Housing Revenue Bonds, AMT, Series 27, 4.85%, 11/01/32 (d)
Virginia - 4.8%	Fairfax County, Virginia, EDA, Resource Recovery Revenue Refunding Bonds, Series A, 6.10%, 2/01/10 (b) Halifax County, Virginia, IDA, Exempt Facility Revenue Refunding Bonds (Old Dominion Electric Cooperative Project), AMT, 5.625%, 6/01/28 (b) Virginia State, HDA, Commonwealth Mortgage Revenue Bonds, Series H, Sub-Series H-1, 5.35%, 7/01/31 (a)
Washington - 2.4%	Central Puget Sound Regional Transportation Authority, Washington, Sales and Use Tax Revenue Bonds, Series A, 5%, 11/01/32 (d)

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Port of Tacoma, Washington, GO, AMT, Series B, 4.875%, 12/01/38 (n)

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State

Municipal Bonds

Snohomish County, Washington, Public Utility District Number 001, Electric Revenue Refunding Bonds, 5.375%, 12/01/09 (d) (e)

Wisconsin - 0.8%

Wisconsin State Health and Educational Facilities Authority Revenue Bonds (Ascension Health), 5%, 11/15/31 (d)

Total Municipal Bonds
(Cost - \$425,713,975) - 136.7%

Municipal Bonds Transferred to Tender
Option Bond Trusts (o)

Florida - 2.9%

Miami-Dade County, Florida, Aviation Revenue Bonds, AMT, Miami International Airport, Airport and Marina Imports, 5%, 10/01/2040 (g) (n)

Georgia - 5.7%

Atlanta, Georgia, Airport Revenue Bonds, Airport and Marina Imports, Series B, 5.25%, 1/01/33 (d)

Massachusetts
- 7.6%

Massachusetts State HFA, Housing Revenue Bonds (Rental Mortgage), AMT, Series F, 5.25%, 1/01/46 (d)
Massachusetts State Port Authority, Special Facilities Revenue Bonds (Delta Air Lines Inc. Project), AMT, Series A, 5.50%, 1/01/16 (b)
Massachusetts State Port Authority, Special Facilities Revenue Bonds (Delta Air Lines Inc. Project), AMT, Series A, 5.50%, 1/01/18 (b)
Massachusetts State Port Authority, Special Facilities Revenue Bonds (Delta Air Lines Inc. Project), AMT, Series A, 5.50%, 1/01/19 (b)
Massachusetts State School Building Authority, Dedicated Sales Tax Revenue Bonds, Series A, 5%, 8/15/30 (d)

New Jersey - 6.7%

New Jersey EDA, Cigarette Tax Revenue Bonds, 5.50%, 6/15/24 (n)
New Jersey EDA, Cigarette Tax Revenue Bonds, 5.50%, 6/15/31 (n)

South Carolina
- 5.3%

Charleston Educational Excellence Financing Corporation, South Carolina, Revenue Bonds (Charleston County School District), 5.25% 12/01/28 (n)
Charleston Educational Excellence Financing Corporation, South Carolina, Revenue Bonds (Charleston County School District), 5.25% 12/01/29 (n)
Charleston Educational Excellence Financing Corporation, South Carolina, Revenue Bonds (Charleston County School District), 5.25% 12/01/30 (n)

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Pickens County South Carolina, Scago Educational Facility Revenue Bonds,
Federal and State Tax-exempt, 5% 12/01/31 (d)

Texas - 3.5% Travis County, Texas, Health Facilities Development Corporation,
Revenue Refunding Bonds (Ascension Health Credit), Series A, 5.875%,
11/15/09 (b) (e)

Total Municipal Bonds Transferred to Tender
Option Bond Trusts (Cost - \$101,949,400) - 31.7%

Short-Term Securities

Merrill Lynch Institutional Tax-Exempt Fund, 3.03% (p) (q)

Total Short-Term Securities
(Cost - \$25,500,000) - 8.1%

BlackRock MuniEnhanced Fund, Inc.
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Total Investments (Cost - \$553,163,375*) - 176.5%

Liability for Trust Certificates, Including Interest Expense Payable - (15.7%)

Preferred Stock, at Redemption Value - (59.7%)

Liabilities in Excess of Other Assets - (1.1%)

Net Assets Applicable to Common Stock - 100.0%

* The cost and unrealized appreciation (depreciation) of investments as of April 30, 2008, as computed for federal income tax purposes, were as follows:

Aggregate cost	\$ 503,294,834
	=====
Gross unrealized appreciation	\$ 10,601,948
Gross unrealized depreciation	(9,800,530)

Net unrealized appreciation	\$ 801,418
	=====

(a) MBIA Insured.

(b) AMBAC Insured.

(c) Represent a zero coupon or step bond; the interest rate shown reflects the

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- effective yield at the time of purchase.
- (d) FSA Insured.
 - (e) U.S. government securities, held in escrow, are used to pay interest on this security, as well as, retire the bond in full at the date indicated, typically at a premium to par.
 - (f) Radian Insured.
 - (g) XL Capital Insured.
 - (h) FGIC Insured.
 - (i) Security is collateralized by Municipal or U.S. Treasury Obligations.
 - (j) Variable rate security. Rate shown is as of report date. Maturity shown is the final maturity date.
 - (k) FHLMC Collateralized.
 - (l) FNMA/GNMA Collateralized.
 - (m) CIFG Insured.
 - (n) Assured Guaranty Insured.
 - (o) 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 a collateral in a financing transaction.
 - (p) Represents the current yield as of report date.
 - (q) Investments in companies considered to be an affiliate of the Fund, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, were as follows:

Affiliate	Net Activity	Dividend Income
Merrill Lynch Institutional Tax-Exempt Fund	21,281,229	\$ 55,445

BlackRock MuniEnhanced Fund, Inc.
Schedule of Investments as of April 30, 2008 (Unaudited)

- o Forward interest rate swaps outstanding as of April 30, 2008 were as follows:

	Notional Amount (000)	Unrea Deprec
Pay a fixed rate of 3.60% and receive a floating rate based on 1-week (SIMFA) Municipal Swap Index rate		
Broker, JPMorgan Chase Expires June 2023	\$ 12,500	\$ (117
Pay a fixed rate of 3.734% and receive a floating rate based on 1-week (SIFMA) Municipal Swap Index rate		
Broker, JPMorgan Chase Expires May 2028	10,000	(130
Pay a fixed rate of 3.958% and receive a floating rate based on 1-week (SIFMA) Municipal Swap Index rate		
Broker, JPMorgan Chase		

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Expires May 2028	12,750	(531)
Pay a fixed rate of 3.689% and receive a floating rate based on 1-week (SIMFA) Municipal Swap Index rate		
Broker, Citibank NA Expires June 2028	7,500	(42)

Total		\$ (822)
		=====

BlackRock MuniEnhanced Fund, Inc.
Schedule of Investments as of April 30, 2008 (Unaudited)

- o Effective February 1, 2008, the BlackRock MuniEnhanced Fund, Inc. (the "Fund") adopted FASB Statement of Financial Accounting Standards No. 157, "Fair Value Measurements" ("FAS 157"). FAS 157 clarifies the definition of fair value, establishes a framework for measuring fair values and requires additional disclosures about the use of fair value measurements. Various updates are used in determining the fair value of investments, which are as follows:
 - o Level 1 - price quotations in active markets/exchanges for identical securities
 - o Level 2 - other observable inputs (including, but not limited to: quoted prices for 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)
 - o Level 3 - unobservable inputs based on the best information available in the circumstance, to the extent observable inputs are not available (including the Fund's own assumption 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 Fund's policy regarding valuation of investments and other significant accounting policies, please refer to the Fund's most recent financial statements as contained in its annual report.

The following table summarizes the inputs used as of April 30, 2008 in determining the fair valuation of the Fund's investments:

Valuation Inputs	Investments in Securities	Other Financial Instruments*

Level 1	--	--
Level 2	\$ 553,132,351	\$ (822,527)
Level 3	--	--

Total	\$ 553,132,351	\$ (822,527)
=====		

* Other financial instruments are derivative instruments such as swaps.

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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 MuniEnhanced Fund, Inc.

By: /s/ Donald C. Burke

Donald C. Burke
Chief Executive Officer of
BlackRock MuniEnhanced Fund, Inc.

Date: June 23, 2008

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

By: /s/ Donald C. Burke

Donald C. Burke
Chief Executive Officer (principal executive officer) of
BlackRock MuniEnhanced Fund, Inc.

Date: June 23, 2008

By: /s/ Neal J. Andrews

Neal J. Andrews
Chief Financial Officer (principal financial officer) of
BlackRock MuniEnhanced Fund, Inc.

Date: June 23, 2008