

Edgar Filing: BLACKROCK MUNI ENHANCED FUND INC - Form N-Q

BLACKROCK MUNI ENHANCED FUND INC  
 Form N-Q  
 June 27, 2007

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

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT  
 INVESTMENT COMPANY

Investment Company Act File number 811-5739

Name of Fund: BlackRock MuniEnhanced Fund, Inc.

Fund Address: P.O. Box 9011  
 Princeton, NJ 08543-9011

Name and address of agent for service: Robert C. Doll, Jr., Chief Executive  
 Officer, BlackRock 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: (609) 282-2800

Date of fiscal year end: 01/31/2007

Date of reporting period: 02/01/07 - 04/30/07

Item 1 - Schedule of Investments

BlackRock MuniEnhanced Fund, Inc.  
 Schedule of Investments as of April 30, 2007 (in Thousands)

State	Face Amount	Municipal Bonds
Alabama - 1.5%	\$ 2,750	Jefferson County, Alabama, Limited Obligation School Warrants, S due 1/01/2022
	2,200	Jefferson County, Alabama, Limited Obligation School Warrants, S due 1/01/2025
California - 27.9%	10,000	Alameda Corridor Transportation Authority, California, Capital A Refunding Bonds, Subordinate Lien, Series A, 5.464% due 10/01/20
	6,000	Alameda Corridor Transportation Authority, California, Capital A Refunding Bonds, Subordinate Lien, Series A, 5.495% due 10/01/20
	950	Anaheim, California, Public Financing Authority, Electric System Facilities Revenue Bonds, Series A, 5% due 10/01/2031 (d)
	5,000	Anaheim, California, Public Financing Authority, Lease Revenue B Improvements Project), Senior-Series A, 6% due 9/01/2024 (d)
	1,600	Arcadia, California, Unified School District, Capital Appreciati of 2006), Series A, 4.96% due 8/01/2039 (d) (m)
	2,350	California State, GO, Refunding, 5.25% due 9/01/2010 (g)
	1,700	California State, GO, Refunding, 5.125% due 6/01/2027
	5,000	California State, GO, Refunding, 5.125% due 6/01/2031

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1,900	California State Public Works Board, Lease Revenue Bonds (Department of Corrections), Series C, 5% due 6/01/2025
2,600	California State University, Systemwide Revenue Bonds, Series A, due 11/01/2035 (b)
8,490	California State, Various Purposes, GO, 5.50% due 11/01/2033
2,750	Chabot-Las Positas, California, Community College District, GO (Series B, 4.812% due 8/01/2025 (a) (m)
850	Chino Valley, California, Unified School District, GO (Election 5.25% due 8/01/2030 (f)
1,600	East Side Union High School District, California, Santa Clara County (of 2002), Series D, 5% due 8/01/2026 (c)
2,835	Golden State Tobacco Securitization Corporation of California, Tobacco Revenue Bonds, Series B, 5.50% due 6/01/2013 (c) (g)
3,000	Golden State Tobacco Securitization Corporation of California, Tobacco Revenue Bonds, Series B, 5.625% due 6/01/2013 (g) (k)
5,300	Los Angeles, California, Department of Water and Power, Waterworks Series C, 5% due 7/01/2029 (f)

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
EDA	Economic Development Authority
GO	General Obligation Bonds
HDA	Housing Development Authority
HFA	Housing Finance Agency
IDA	Individual Development Authority
IDR	Industrial Development Revenue Bonds
S/F	Single-Family

BlackRock MuniEnhanced Fund, Inc.

Schedule of Investments as of April 30, 2007

(in Thousands)

State	Face Amount	Municipal Bonds
	\$ 2,965	Metropolitan Water District of Southern California, Waterworks Revenue Bonds Series B-1, 5% due 10/01/2029 (b)
	1,655	Metropolitan Water District of Southern California, Waterworks Revenue Bonds Series B-1, 5% due 10/01/2036 (b)
	5,000	Norco, California, Redevelopment Agency, Tax Allocation Refunding Bonds (Redevelopment Project - Area Number 1), 5.125% due 3/01/2030 (f)
	7,455	Orange County, California, Sanitation District, COP, 5% due 2/01/2030 (b)
	1,750	Poway, California, Redevelopment Agency, Tax Allocation Refunding Bonds (Redevelopment Project), 5.125% due 6/15/2033 (a)
	3,850	Sacramento, California, Unified School District, GO (Election of 5.25% due 7/01/2030 (f)
	1,250	San Mateo, California, Union High School District, COP (Phase One) Series B, 4.758% due 12/15/2043 (a) (m)
	6,145	Stockton, California, Public Financing Authority, Lease Revenue Bonds (Capital Projects), 5.125% due 9/01/2030 (b)
	1,600	Tamalpais, California, Union High School District, GO (Election of 5.25% due 8/01/2030 (f)

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		due 8/01/2028 (d)
	2,325	Ventura County, California, Community College District, GO (Elec Series B, 5% due 8/01/2030 (f))
-----		
Colorado - 8.2%	2,135	Boulder County, Colorado, Hospital Development Revenue Bonds (Lo Hospital Project), 5.75% due 12/01/2010 (g) (i)
	55	Colorado HFA, Revenue Bonds (S/F Program), AMT, Senior Series A- due 11/01/2027
	560	Colorado HFA, Revenue Refunding Bonds (S/F Program), AMT, Senior 7.50% due 4/01/2031
	1,200	Colorado Health Facilities Authority Revenue Bonds (Catholic Hea Series A, 5.50% due 3/01/2032 (h)
	1,200	Colorado Health Facilities Authority Revenue Bonds (Covenant Ret Communities, Inc.), Series A, 5.50% due 12/01/2027 (i)
	675	Colorado Health Facilities Authority Revenue Bonds (Covenant Ret Communities, Inc.), Series A, 5.50% due 12/01/2033 (i)
	3,875	Colorado Water Resources and Power Development Authority, Clean Bonds, Series A, 6.25% due 9/01/2010 (g)
	2,000	Denver, Colorado, City and County Airport Revenue Refunding Bond 6% due 11/15/2018 (a)
	5,450	El Paso County, Colorado, School District Number 49, Falcon, GO, due 12/01/2009 (d) (g)
	7,900	Northwest Parkway, Colorado, Public Highway Authority, Capital A Revenue Bonds, Senior Convertible, Series C, 5.345% due 6/15/201
	1,900	Northwest Parkway, Colorado, Public Highway Authority Revenue Bo 5.50% due 6/15/2021 (a)

Florida - 2.3%	1,400	Highlands County, Florida, Health Facilities Authority, Hospital (Adventist Health System), Series C, 5.25% due 11/15/2036
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BlackRock MuniEnhanced Fund, Inc.

Schedule of Investments as of April 30, 2007

(in Thousands)

State	Face Amount	Municipal Bonds
	\$ 2,000	Highlands County Florida Health Facilities Authority Hospital Re Bonds (Adventist Health System), Series G, 5.125% due 11/15/2032
	4,200	Orange County, Florida, Sales Tax Revenue Refunding Bonds, Serie due 1/01/2032 (b)
-----		
Georgia - 12.5%	17,355	Atlanta, Georgia, Airport General Revenue Refunding Bonds, Serie due 1/01/2033 (d)
	2,900	Atlanta, Georgia, Water and Wastewater Revenue Bonds, 5% due 11/
	1,000	Atlanta, Georgia, Water and Wastewater Revenue Bonds, Series A, due 11/01/2033 (f)
	4,250	Atlanta, Georgia, Water and Wastewater Revenue Bonds, Series A, due 11/01/2039 (f)
	2,300	Augusta, Georgia, Water and Sewer Revenue Bonds, 5.25% due 10/01
	2,500	Fulton County, Georgia, Water and Sewer Revenue Bonds, 5.25% due
	7,725	Georgia Municipal Electric Authority, Power Revenue Refunding Bo due 1/01/2025 (a)
-----		
Illinois - 14.7%	5,670	Chicago, Illinois, O'Hare International Airport Revenue Bonds, T Series B-2, 5.75% due 1/01/2023 (d)
	2,500	Chicago, Illinois, O'Hare International Airport Revenue Bonds, T

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		Series B-2, 6% due 1/01/2029 (c)
	2,460	Cook County, Illinois, Capital Improvement, GO, Series C, 5.50% 11/15/2012 (a) (g)
	20,120	Illinois Sports Facilities Authority, State Tax Supported Revenue due 6/15/2030 (a) (m)
	4,500	Illinois Sports Facilities Authority, State Tax Supported Revenue due 6/15/2032 (a)
	2,000	Metropolitan Pier and Exposition Authority, Illinois, Dedicated Refunding Bonds (McCormick Place Expansion Project), Series B, 5% due 6/15/2023 (f)
	10,115	Regional Transportation Authority, Illinois, Revenue Bonds, Series due 11/01/2020 (a)
-----		
Indiana - 3.8%	4,080	Hammond, Indiana, Multi-School Building Corporation, First Mortgage Refunding Bonds, 6.125% due 7/15/2019 (f)
	8,000	Indiana Transportation Finance Authority, Highway Revenue Bonds, due 6/01/2014 (b) (g)
-----		
Louisiana - 8.1%	4,500	Lafayette, Louisiana, Utilities Revenue Bonds, 5% due 11/01/2028
	3,600	Louisiana Local Government Environmental Facilities and Community Authority, Revenue Bonds (Capital Projects and Equipment Acquisition) 6.30% due 7/01/2030 (a)
	2,035	Louisiana State Citizens Property Insurance Corporation, Assessment Series B, 5% due 6/01/2023 (a)
	4,950	Louisiana State, Gas and Fuels Tax Revenue Bonds, Series A, 4.75%
	3,735	Louisiana State Transportation Authority, Senior Lien Toll Revenue Appreciation Bonds, Series B, 5.31% due 12/01/2027 (a) (m)
	4,650	New Orleans, Louisiana, Ernest N. Morial Exhibit Hall Authority, Sub-Series A, 5.25% due 7/15/2028 (a)
	3,650	Rapides Financing Authority, Louisiana, Revenue Bonds (Cleco Power AMT, 4.70% due 11/01/2036 (a)
	1,400	Terrebonne Parish, Louisiana, Hospital Service District Number 1 Bonds (Terrebonne General Medical Center Project), 5.50% due 4/01/2027 (a)

BlackRock MuniEnhanced Fund, Inc.

Schedule of Investments as of April 30, 2007

(in Thousands)

State	Face Amount	Municipal Bonds
-----		
Massachusetts - 8.4%	\$ 1,600	Massachusetts State, HFA, S/F Housing Revenue Bonds, AMT, Series due 12/01/2027 (d)
	8,800	Massachusetts State School Building Authority, Dedicated Sales Tax Series A, 5% due 8/15/2030 (a) (d)
	4,350	Massachusetts State School Building Authority, Dedicated Sales Tax Series A, 4.75% due 8/15/2032 (d)
	11,300	Massachusetts State Special Obligation Dedicated Tax Revenue Bonds due 1/01/2014 (b) (g)
	950	Massachusetts State Water Resource Authority, General Revenue Revenue Series B, 5.125% due 8/01/2027 (f)
-----		
Michigan - 3.6%	1,900	Detroit, Michigan, Sewage Disposal System, Second Lien Revenue Bonds due 7/01/2036 (b)
	1,700	Michigan Higher Education Student Loan Authority, Student Loan Revenue Bonds, AMT, Series XVII-G, 5.20% due 9/01/2020 (a)

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	1,300	Michigan State Strategic Fund, Limited Obligation Revenue Refund (Edison Company Pollution Control Project), AMT, Series A, 5.50%
	2,500	Michigan State Strategic Fund, Limited Obligation Revenue Refund (Edison Company Pollution Control Project), AMT, Series C, 5.65%
	4,300	Michigan State Strategic Fund, Limited Obligation Revenue Refund (Edison Company Pollution Control Project), AMT, Series C, 5.45%
-----		
Minnesota - 1.0%	3,099	Dakota County, Minnesota, Community Development Agency, S/F Mortgage (Mortgage-Backed Securities Program), Series B, 5.15% due 12/01/2027
-----		
Mississippi - 0.8%	2,400	Walnut Grove, Mississippi, Correctional Authority, COP, 6% due 11/01/2027
-----		
Nebraska - 0.5%	1,700	Washington County, Nebraska, Wastewater Facilities Revenue Bonds (Wastewater Treatment Plant Construction Project), AMT, 5.90% due 11/01/2027
-----		
Nevada - 3.9%	3,100	Carson City, Nevada, Hospital Revenue Bonds (Carson-Tahoe Hospital Project), Series A, 5.50% due 9/01/2033 (i)
	1,500	Clark County, Nevada, Airport System Subordinate Lien Revenue Bonds (Airport System Project), due 7/01/2030 (b)
	3,200	Clark County, Nevada, Airport System Subordinate Lien Revenue Bonds (Airport System Project), due 7/01/2036 (b)
	5,060	Clark County, Nevada, IDR (Southwest Gas Corp. Project), AMT, Series A, due 9/01/2036 (b)
-----		
New Hampshire - 2.3%	7,390	New Hampshire Health and Education Facilities Authority Revenue Bonds (Dartmouth-Hitchcock Obligation Group), 5.50% due 8/01/2027 (d)
-----		
New Jersey - 7.5%	700	New Jersey EDA, Cigarette Tax Revenue Bonds, 5.50% due 6/15/2031
	1,165	New Jersey EDA, Cigarette Tax Revenue Bonds, 5.75% due 6/15/2034
	2,600	New Jersey EDA, Motor Vehicle Surcharge Revenue Bonds, Series A, due 7/01/2029 (f)
	9,325	New Jersey EDA, Motor Vehicle Surcharge Revenue Bonds, Series A, due 7/01/2031 (f)
	5,200	New Jersey EDA, Motor Vehicle Surcharge Revenue Bonds, Series A, due 7/01/2033 (f)
	4,960	New Jersey EDA, School Facilities Construction Revenue Bonds, Series A, due 3/01/2028
-----		
New York - 1.5%	2,250	Metropolitan Transportation Authority, New York, Transportation Revenue Bonds (Metropolitan Transportation Authority Project), Series A, 5% due 11/15/2032 (b)
	2,400	Tobacco Settlement Financing Corporation of New York Revenue Bonds (Tobacco Settlement Financing Corporation of New York Project), 5.25% due 6/01/2022 (a)
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BlackRock MuniEnhanced Fund, Inc.

Schedule of Investments as of April 30, 2007

(in Thousands)

State	Face Amount	Municipal Bonds
-----		
Ohio - 0.8%	\$ 2,550	Ohio State Air Quality, Development Authority Revenue Bonds (Dayton Company Project), 4.80% due 9/01/2036 (b)
-----		
Pennsylvania - 5.3%	7,750	Pennsylvania State Public School Building Authority, School Leases (The School District of Philadelphia Project), 5% due 6/01/2013
	6,500	Philadelphia, Pennsylvania, Authority for Industrial Development

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	2,650	Bonds, Series B, 5.50% due 10/01/2020 (d) Philadelphia, Pennsylvania, Gas Works Revenue Refunding Bonds, 1 Ordinance, 7th Series, 5% due 10/01/2032 (a)
Rhode Island - 2.5%	4,345	Providence, Rhode Island, Public Building Authority, General Rev Series A, 6.25% due 12/15/2020 (d)
	3,355	Rhode Island State Economic Development Corporation, Airport Rev Series B, 6.50% due 7/01/2010 (b) (g)
South Carolina - 3.0%	3,800	Berkeley County, South Carolina, School District, Installment Le (Securing Assets for Education Project), 5.125% due 12/01/2030
	2,365	Kershaw County, South Carolina, Public Schools Foundation, Insta Revenue Refunding Bonds, 5% due 12/01/2029 (k)
	3,500	Scago Educational Facilities Corporation for Pickens County Scho Carolina, Revenue Bonds, 5% due 12/01/2031 (d)
South Dakota - 2.1%	6,825	South Dakota State Health and Educational Facilities Authority R Bonds, Series A, 7.625% due 1/01/2008 (f) (g)
Tennessee - 1.1%	6,500	Knox County, Tennessee, Health, Educational and Housing Faciliti Facilities Revenue Refunding Bonds (Covenant Health), Series A, due 1/01/2038 (m)
	2,280	Tennessee HDA, Revenue Refunding Bonds (Homeownership Program), 5.95% due 7/01/2012 (f)
Texas - 6.9%	1,615	Bexar, Texas, Metropolitan Water District, Waterworks System Rev Bonds, 6.35% due 5/01/2025 (f)
	9,345	Leander, Texas, Independent School District, Capital Appreciatio (School Building), 5.49% due 8/15/2029 (b) (m)
	10,000	Leander, Texas, Independent School District, Capital Appreciatio (School Building), 5.58% due 8/15/2035 (m)
	4,475	Lewisville, Texas, Independent School District, Capital Apprecia Building, GO, Refunding, 4.67% due 8/15/2024 (b) (m)
	5,820	North Harris County, Texas, Regional Water Authority, Senior Lie 5.125% due 12/15/2035 (f)
	1,600	Texas State Affordable Housing Corporation, S/F Mortgage Revenue (Professional Educators Home Loan Program), AMT, Series A-1, 5.5 due 12/01/2039 (p) (o)
	6,250	Texas State Turnpike Authority, Central Texas Turnpike System Re Tier, Series A, 5.50% due 8/15/2039 (a)

BlackRock MuniEnhanced Fund, Inc.  
Schedule of Investments as of April 30, 2007

(in Thousands)

State	Face Amount	Municipal Bonds
Virginia - 5.4%	\$10,000	Fairfax County, Virginia, EDA, Resource Recovery Revenue Refundi Series A, 6.10% due 2/01/2010 (a)
	2,300	Halifax County, Virginia, IDA, Exempt Facility Revenue Refunding Dominion Electric Cooperative Project), AMT, 5.625% due 6/01/202
	5,000	Stafford County, Virginia, EDA, Hospital Facilities Revenue Bond System), 5.25% due 6/15/2037
Washington - 0.6%	2,000	Snohomish County, Washington, Public Utility District Number 001

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Refunding Bonds, 5.375% due 12/01/2009 (d) (g)

Puerto Rico - 0.5% 1,700 Puerto Rico Electric Power Authority, Power Revenue Bonds, Series A, due 7/01/2029

Total Municipal Bonds (Cost - \$440,022) - 136.7%

Municipal Bonds Held in Trust (j)

California - 1.4% 4,400 California State, GO, Refunding, 5.25% due 2/01/2033 (i)

Illinois - 6.0% 10,250 Chicago, Illinois, Board of Education, GO (Chicago School Reform Bonds), due 12/01/2027 (a)

9,100 Chicago, Illinois, O'Hare International Airport, General Airport Refunding Bonds, Third Lien, AMT, Series A, 5.75% due 1/01/2021

Massachusetts - 4.8% 5,600 Massachusetts State HFA, Housing Revenue Bonds (Rental Mortgage), 5.25% due 1/01/2046 (d)

3,100 Massachusetts State Port Authority, Special Facilities Revenue Bonds (Lines, Inc. Project), AMT, Series A, 5.50% due 1/01/2016 (a)

4,000 Massachusetts State Port Authority, Special Facilities Revenue Bonds (Lines, Inc. Project), AMT, Series A, 5.50% due 1/01/2018 (a)

2,870 Massachusetts State Port Authority, Special Facilities Revenue Bonds (Lines, Inc. Project), AMT, Series A, 5.50% due 1/01/2019 (a)

New Jersey - 6.4% 15,250 New Jersey EDA, Cigarette Tax Revenue Bonds, 5.50% due 6/15/2024

5,000 New Jersey EDA, Cigarette Tax Revenue Bonds, 5.50% due 6/15/2031

New York - 1.3% 4,200 New York City, New York, GO, Series J, 5.50% due 6/01/2021 (c)

South Carolina - 2.2% 3,120 Charleston Educational Excellence Financing Corporation, South Carolina Bonds (Charleston County School District), 5.25% due 12/01/2028

2,765 Charleston Educational Excellence Financing Corporation, South Carolina Bonds (Charleston County School District), 5.25% due 12/01/2029

1,010 Charleston Educational Excellence Financing Corporation, South Carolina Bonds (Charleston County School District), 5.25% due 12/01/2030

Texas - 9.0% 4,000 Dallas-Fort Worth, Texas, International Airport Revenue Bonds, Series A, due 11/01/2028 (b)

14,500 Dallas-Fort Worth, Texas, International Airport Revenue Bonds, Series A, due 11/01/2033 (f)

10,400 Travis County, Texas, Health Facilities Development Corporation, Bonds (Ascension Health Credit), Series A, 5.875% due 11/15/2009

Total Municipal Bonds Held in Trust (Cost - \$102,911) - 31.1%

BlackRock MuniEnhanced Fund, Inc.

Schedule of Investments as of April 30, 2007

(in Thousands)

Shares

Held Short-Term Securities

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3,400 Merrill Lynch Institutional Tax-Exempt Fund, 3.70% (1) (n)

-----  
 Total Short-Term Securities (Cost - \$3,400) - 1.0%  
 -----

Total Investments (Cost - \$546,333\*) - 168.8%

Other Assets Less Liabilities - 1.0%

Liability for Trust Certificates, Including Interest Expense Pay

Preferred Stock, at Redemption Value - (55.0%)

Net Assets Applicable to Common Stock - 100.0%

\* The cost and unrealized appreciation (depreciation) of investments as of April 30, 2007, as computed for federal income tax purposes, were as follows:

Aggregate cost	\$ 497,530
	=====
Gross unrealized appreciation	\$ 27,427
Gross unrealized depreciation	(273)
	-----
Net unrealized appreciation	\$ 27,154
	=====

- (a) AMBAC Insured.
- (b) FGIC Insured.
- (c) XL Capital Insured.
- (d) FSA Insured.
- (e) Assured Guaranty Insured.
- (f) MBIA Insured.
- (g) Prerefunded.
- (h) Escrowed to maturity.
- (i) Radian Insured.
- (j) Securities represent underlying bonds transferred to a separate securitization trust established in a tender option bond transaction in which the Fund may have acquired the residual interest certificates. These securities serve as collateral in a financing transaction.
- (k) CIFG Insured.
- (l) 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	(1,918)	\$ 29

- (m) Represents a zero coupon bond; the interest rate shown reflects the effective yield at the time of purchase.
- (n) Represents the current yield as of April 30, 2007.
- (o) FHLMC Collateralized.
- (p) FNMA/GNMA Collateralized.



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BlackRock MuniEnhanced Fund, Inc.

Schedule of Investments as of April 30, 2007

(in Thousands)

- o Forward interest rate swaps outstanding as of April 30, 2007 were as follows:

	Notional Amount	D
Pay a fixed rate of 3.753% and receive a floating rate based on 1-Week Bond Market Associated Rate		
Broker, JPMorgan Chase Expires May 2017	\$35,000	
Pay a fixed rate of 3.686% and receive a floating rate based on 1-Week Bond Market Associated Rate		
Broker, JPMorgan Chase Expires August 2017	\$16,500	
Total		

### Item 2 - Controls and Procedures

- 2(a) - The registrant's certifying officers have reasonably designed such disclosure controls and procedures to ensure material information relating to the registrant is made known to us by others particularly during the period in which this report is being prepared. The registrant's certifying officers have determined that the registrant's disclosure controls and procedures are effective based on our evaluation of these controls and procedures as of a date within 90 days prior to the filing date of this report.
- 2(b) - As of September 29, 2006, with the conclusion of the combination of Merrill Lynch's asset management business with BlackRock, the registrant was migrated to BlackRock's trading and compliance monitoring systems, and various personnel changes occurred. In conjunction with these business improvements, there were no changes in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under Act (17 CFR 270.30a-3(d)) that occurred during the last fiscal quarter that has materially affected, or is reasonably likely to affect, the registrant's internal control over financial reporting.

### Item 3 - Exhibits

Certifications - Attached hereto

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

BlackRock MuniEnhanced Fund, Inc.

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By: /s/ Robert C. Doll, Jr.  
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Robert C. Doll, Jr.  
Chief Executive Officer  
BlackRock MuniEnhanced Fund, Inc.

Date: June 20, 2007

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

By: /s/ Robert C. Doll, Jr.  
-----

Robert C. Doll, Jr.  
Chief Executive Officer  
BlackRock MuniEnhanced Fund, Inc.

Date: June 20, 2007

By: /s/ Donald C. Burke  
-----

Donald C. Burke  
Chief Financial Officer  
BlackRock MuniEnhanced Fund, Inc

Date: June 20, 2007