MUNIENHANCED FUND INC
Form N-CSR
April 04, 2005

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

FORM N-CSR

CERTIFIED SHAREHOLDER REPORT OF REGISTERED MANAGEMENT
INVESTMENT COMPANIES

Investment Company Act file number 811-05739

Name of Fund: 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, 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: 01/31/05

Date of reporting period: 02/01/04 - 01/31/05

Item 1 - Report to Stockholders

[LOGO] Merrill Lynch Investment Managers www.mlim.ml.com

MuniEnhanced
Fund, Inc.

Annual Report
January 31, 2005

[LOGO] Merrill Lynch Investment Managers

MuniEnhanced Fund, Inc.

The Benefits and Risks of Leveraging

MuniEnhanced Fund, Inc. utilizes leveraging to seek to enhance the yield and net asset value of its Common Stock. However, these objectives cannot be achieved in all interest rate environments. To leverage, the Fund issues Preferred Stock, which pays dividends at prevailing short-term interest rates, and invests the proceeds in long-term municipal bonds. The interest earned on these investments, net of dividends to Preferred Stock, is paid to Common Stock shareholders in the form of dividends, and the value of these portfolio holdings is reflected in the per share net asset value of the Fund's Common Stock. However, in order to benefit Common Stock shareholders, the yield curve must be positively sloped; that is, short-term interest rates must be lower than long-term interest rates. At the same time, a period of generally declining interest rates will benefit Common Stock shareholders. If either of these conditions change, then the risks of leveraging will begin to outweigh the benefits.

To illustrate these concepts, assume a fund's Common Stock capitalization of $100 million and the issuance of Preferred Stock for an additional $50 million, creating a total value of $150 million available for investment in long-term municipal bonds. If prevailing short-term interest rates are approximately 3% and long-term interest rates are approximately 6%, the yield curve has a strongly positive slope. The fund pays dividends on the $50 million of Preferred Stock based on the lower short-term interest rates. At the same time, the fund's total portfolio of $150 million earns the income based on long-term interest rates. Of course, increases in short-term interest rates would reduce (and even eliminate) the dividends on the Common Stock.

In this case, the dividends paid to Preferred Stock shareholders are significantly lower than the income earned on the fund's long-term investments, and therefore the Common Stock shareholders are the beneficiaries of the incremental yield. However, if short-term interest rates rise, narrowing the differential between short-term and long-term interest rates, the incremental yield pickup on the Common Stock will be reduced or eliminated completely. At the same time, the market value on the fund's Common Stock (that is, its price as listed on the New York Stock Exchange), may, as a result, decline. Furthermore, if long-term interest rates rise, the Common Stock's net asset value will reflect the full decline in the price of the portfolio's investments, since the value of the fund's Preferred Stock does not fluctuate. In addition to the decline in net asset value, the market value of the fund's Common Stock may also decline.

As a part of its investment strategy, the Fund may invest in certain securities whose potential income return is inversely related to changes in a floating interest rate ("inverse floaters"). In general, income on inverse floaters will decrease when short-term interest rates increase and increase when short-term interest rates decrease. Investments in inverse floaters may be characterized as derivative securities and may subject the Fund to the risks of reduced or eliminated interest payments and losses on invested principal. In addition, inverse floaters have the effect of providing investment leverage and, as a result, the market value of such securities will generally be more volatile than that of fixed rate, tax-exempt securities. To the extent the Fund invests in inverse floaters, the market value of the Fund's portfolio and the net asset value of the Fund's shares may also be more volatile than if the Fund did not invest in these securities. As of January 31, 2005, the percentage of the Fund's total net assets invested in inverse floaters was 11.01%, before the deduction of Preferred Stock.

Swap Agreements

The Fund may also invest in swap agreements, which are over-the-counter contracts in which one party agrees to make periodic payments based on the change in market value of a specified bond, basket of bonds, or index in return for periodic payments based on a fixed or variable interest rate or the change in market value of a different bond, basket of bonds or index. Swap agreements may be used to obtain exposure to a bond or market without owning or taking physical custody of securities. Swap agreements involve the risk that the party with whom the Fund has entered into the swap will default on its obligation to pay the Fund and the risk that the Fund will not be able to meet its obligations to pay the other party to the agreement.

A Letter From the President

Dear Shareholder

The U.S. equity market ended the current reporting period in positive territory, although not without some suspense along the way. Fixed income markets also performed well, with high yield bond investors enjoying some of the best returns.

Total Returns as of January 31, 2005	6-month	12-month
Equities (Standard & Poor's 500 Index)	+8.16%	+6.23%
Fixed income (Lehman Brothers Aggregate Bond Index)	+3.81	+4.16
Tax-exempt fixed income (Lehman Brothers Municipal Bond Index)	+4.80	+4.86
High yield bonds (Credit Suisse First Boston High Yield Index)	+7.85	+9.81

Over the past year, the U.S. economy transitioned from dependence on record monetary and fiscal stimulus to a broad-based, high-productivity, high-profit-margin growth engine. The year also marked the end of one of the most aggressive Federal Reserve Board (Fed) policy periods in history as deflation concerns, prevalent at the beginning of 2004, gave way to modest inflation scares -- notably, food prices in the spring and energy prices in the fall.

The Fed more than doubled the federal funds rate, increasing it from 1% to 2.25% in five separate moves between June and December 2004. Yet, even as the Fed raised its target short-term interest rate, long-term bond yields were little changed year over year as buying interest on the part of foreign central banks remained strong. The yield on the 10-year Treasury note stood at 4.14% on January 31, 2005. Despite very strong earnings growth, stocks remained in a narrow trading range for most of 2004, but rebounded nicely in the fourth quarter as election uncertainties and energy price concerns dissipated. January, the first month of the new year and the final month of the current reporting period, was a challenging one for equities as reflected in the -2.44% return of the S&P 500 Index for the month.

As we ended the current reporting period, the economy and earnings growth were beginning to slow and the Fed appeared poised to continue moving interest rates higher (and, in fact, raised the federal funds rate another 25 basis points on February 2, 2005). Progress was being monitored on many fronts in Washington, although concerns remained about the structural problems of debt and deficits, as reflected by a significant decline in the U.S. dollar.

Looking ahead, the environment is likely to be a challenging one for investors. At the start of the new year, we encourage you to meet with your financial advisor to review your goals and asset allocation and to rebalance your portfolio, as necessary, to ensure it remains aligned with your objectives and risk tolerance. As always, we thank you for trusting Merrill Lynch Investment Managers with your investment assets, and we look forward to serving you in the months and years ahead.

Sincerely,

/s/ Robert C. Doll, Jr.

Robert C. Doll, Jr.
President and Director

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A Discussion With Your Fund's Portfolio Manager

The Fund outperformed its comparable Lipper category average for the fiscal year and continued to provide shareholders with stable monthly income.

Discuss the recent market environment relative to municipal bonds.

U.S. Treasury bond yields were mixed but generally moved lower over the past 12 months, while displaying considerable monthly volatility along the way. Early in the year, yields declined as bond prices, which move in the opposite direction, rose. This came as somewhat of a surprise given that economic conditions in the United States generally continued to improve. However, solid job creation remained elusive and investors seemed convinced that the Federal Reserve Board (the Fed) would hold short-term interest rates at their historic lows. By mid-March, long-term U.S. Treasury bond yields had declined 31 basis points (.31%) to 4.65%.

The tide turned in early April as monthly employment reports began to show unexpectedly large gains. Associated improvements in consumer confidence and spending led some investors to believe that the Fed soon would be forced to raise short-term interest rates to ensure that resurgent economic activity did not endanger the positive inflationary environment. By early June, long-term U.S. Treasury bond yields had risen above 5.50%.

For the remainder of the period, bond yields generally declined. Earlier strength in payroll growth waned while inflationary measures remained negligible. More important, in late June, the Fed raised its short-term interest rate target by 25 basis points to 1.25%, the first change in more than a year. In its accompanying statement, the Fed called for a "measured" approach to monetary tightening, removing much of the earlier concern over the possibility of a dramatic series of interest rate hikes. The prospect for a more moderate tightening sequence helped support higher bond prices for the remainder of the Fund's fiscal year. Four subsequent Fed rate increases brought the federal funds rate to 2.25% by period-end, but had limited market impact as monthly U.S. employment gains remained modest. By the end of January 2005, long-term U.S. Treasury bond yields stood at 4.59%, a decline of 37 basis points over the past year. The 10-year U.S. Treasury note yield was 4.14%, unchanged during the course of the period.

Yield volatility was more subdued in the municipal market. Long-term revenue bond yields, as measured by the Bond Buyer Revenue Bond Index, declined 12 basis points over the past year. According to Municipal Market Data, AAA-rated issues maturing in 30 years saw their yields fall 13 basis points to 4.43%, while yields on AAA-rated issues maturing in 10 years declined six basis points to 3.48%.

During the past 12 months, $363 billion in new long-term tax-exempt bonds was underwritten, a decline of approximately 3% versus the same period a year ago. New-issue municipal volume is expected to be easily manageable into early 2005 and should continue to support the tax-exempt market's favorable technical position.

How did the Fund perform during the fiscal year?

For the 12-month period ended January 31, 2005, the Common Stock of MuniEnhanced Fund, Inc. had net annualized yields of 6.18% and 6.70%, based on a year-end per share net asset value of $11.85 and a per share market price of $10.93, respectively, and $.732 per share income dividends. Over the same period, the total investment return on the Fund's Common Stock was +7.20%, based on a change in per share net asset value from $11.83 to $11.85, and assuming reinvestment of all distributions.

The Fund's total return, based on net asset value, exceeded the +6.25% average return of the Lipper Insured Municipal Debt Funds (Leveraged) category for the 12-month period. (Funds in this Lipper category invest primarily in municipal debt issues insured as to timely payment. These funds can be leveraged via use of debt, preferred equity and/or reverse repurchase agreements.) The Fund was able to achieve this positive result despite a defensive market posture in what surprisingly happened to be a very strong period for the bond market, particularly in the last six months.

Total return performance benefited from our strategic move further out on the municipal yield curve, generally from the 10-year - 25-year range. This worked particularly well as the curve began to flatten significantly, especially toward the end of the year as short-term rates increased and long-term rates declined (meaning the prices on longer-dated bonds rose). The Fund's above-average yield also contributed to the outperformance, as did the advance refunding of certain issues. When municipal bonds are refinanced ahead of their maturity date, their prices generally increase sharply. The Fund's

exposure to California bonds also was additive to performance as the valuations on these bonds increased to more historic norms as the state began to get its finances in order. Finally, we increased the Fund's use of leverage during the year, bringing it more in line with that of our peers. The timing of this transaction was auspicious, as we were able to reinvest the proceeds from our increased borrowings just as the market rallied, benefiting Fund performance.

For the six-month period ended January 31, 2005, the total investment return on the Fund's Common Stock was +7.77%, based on a change in per share net asset value from $11.37 to $11.85, and assuming reinvestment of all distributions. The Fund outpaced the Lipper category's average return of +6.91% for the six-month period as well.

For a description of the Fund's total investment return based on a change in the per share market value of the Fund's Common Stock (as measured by the trading price of the Fund's shares on the New York Stock Exchange), and assuming reinvestment of dividends, please refer to the Financial Highlights section of this report. As a closed-end fund, the Fund's shares may trade in the secondary market at a premium or discount to the Fund's net asset value. As a result, total investment returns based on changes in the market value of the Fund's Common Stock can vary significantly from total investment returns based on changes in the Fund's net asset value.

What changes were made to the portfolio during the year?

Changes to the portfolio involved a continued move toward the longer end of the yield curve, generally leaving the 10-year area in favor of bonds in the 25-year range. We curtailed this effort somewhat toward period-end as the curve flattened and the yield advantage we had enjoyed by extending the portfolio's maturity began to wane.

Early in the year, as California grappled with fiscal challenges, we took advantage of the heavy supply and relatively low prices by increasing our exposure to the state's debt. As mentioned previously, this strategy proved beneficial to Fund performance as valuations on California bonds returned to more typical levels later in the period. Heavy supply in the State of New Jersey presented us with a similar buying opportunity. Similar to California, the State of New Jersey is challenged to get its finances in order and has been actively issuing debt to close its budget gap. The increased issuance served to cheapen the New Jersey market, and we took advantage of the heavy supply and attractive valuations to increase the Fund's exposure to the state's debt.

Finally, we generally maintained the Fund's fully invested position throughout the year in an effort to enhance the level of income available to shareholders. This allowed the Fund to maintain a stable monthly dividend.

For the six-month period ended January 31, 2005, the Fund's Auction Market Preferred Stock (AMPS) had average yields as follows: Series A, 1.56%; Series B, 1.34%; Series C, 1.48%; and Series D, 1.80%. Although the Fed's interest rate tightening program has resulted in increases in borrowing costs, funding levels still remain quite favorable. This, in combination with continued steepness at the long end of the municipal yield curve, continued to provide a significant income benefit to the Fund's Common Stock shareholders from the leveraging of Preferred Stock. However, should the spread between short-term and long-term interest rates narrow, the benefits of leveraging will decline and, as a result, reduce the yield on the Fund's Common Stock. At the end of the period, the Fund's leverage amount, due to AMPS, was 34.95% of total net assets. (For a more complete explanation of the benefits and risks of leveraging, see page 2 of this report to shareholders.)

How would you characterize the Fund's position at the close of the period?

We remain focused on high-quality municipal bonds and continue to favor issues with longer maturities. We maintained the Fund's defensive market posture at period-end in recognition of generally healthy economic conditions and the Fed's stated intention to continue raising short-term interest rates. (In fact, the Fed increased its target interest rate another 25 basis points shortly after the close of the period, on February 2.) A defensive stance on interest rates should help us to protect the portfolio's value as long-term rates eventually begin to follow short-term rates higher. In the meantime, our fully invested stance should continue to benefit Common Stock shareholders as short-term interest rates remain historically quite low.

Michael Kalinoski, CFA
Vice President and Portfolio Manager

February 9, 2005

[LOGO] Merrill Lynch Investment Managers

Schedule of Investments (in Thousands)

State	Face Amount	Municipal Bonds
Alabama--0.9%	$ 2,750	Jefferson County, Alabama, Limited Obligation School Warrants

		5.50% due 1/01/2022
Alaska--1.3%	700	Alaska State Housing Finance Corporation, General Housing Rev Series A, 5.25% due 12/01/2034 (b)
	3,600	Valdez, Alaska, Marine Terminal Revenue Refunding Bonds (BP P Project), VRDN, Series C, 1.83% due 7/01/2037 (i)
California--28.4%	9,000	Alameda Corridor Transportation Authority, California, Capita Revenue Refunding Bonds, Subordinate Lien, Series A, 5.543%* due 10/01/2024 (a)
	6,000	Alameda Corridor Transportation Authority, California, Revenu Bonds, Subordinated Lien, Series A, 5.471%* due 10/01/2025 (a
	5,000	Anaheim, California, Public Financing Authority, Lease Revenu (Public Improvements Project), Senior Series A, 6% due 9/01/2
		California State Department of Water Resources, Power Supply Series A:
	1,270	5.375% due 5/01/2022
	1,800	5.375% due 5/01/2022 (f)
		California State, GO, Refunding:
	3,000	5.25% due 9/01/2026
	6,000	5.25% due 2/01/2030 (f)
	5,000	5.125% due 6/01/2031
	2,200	ROLS, Series II-R-272, 8.539% due 2/01/2033 (h)(k)
	8,490	California State, Various Purpose, GO, 5.50% due 11/01/2033
		Golden State Tobacco Securitization Corporation of California Settlement Revenue Bonds, Series B:
	3,805	5.60% due 6/01/2028
	2,200	5.50% due 6/01/2033 (c)
	1,400	5.625% due 6/01/2033 (c)
	5,000	5% due 6/01/2038 (a)
	6,800	5.625% due 6/01/2038 (l)
	10,000	5.50% due 6/01/2043 (b)
	2,835	5.50% due 6/01/2043 (c)
	3,500	Los Angeles, California, Unified School District, GO, Series due 1/01/2028 (f)
	5,000	Norco, California, Redevelopment Agency, Tax Allocation Refun (Norco Redevelopment Project--Area Number 1), 5.125% due 3/01
	1,750	Poway, California, Redevelopment Agency, Tax Allocation Refun (Paguay Redevelopment Project), 5.125% due 6/15/2033 (a)
	6,145	Stockton, California, Public Financing Authority, Lease Reven (Parking & Capital Projects), 5.125% due 9/01/2030 (b)
Colorado--10.3%		Boulder County, Colorado, Hospital Development Revenue Bonds United Hospital Project) (k):
	2,705	5.60% due 12/01/2015
	2,135	5.75% due 12/01/2020
		Colorado HFA, Revenue Bonds, AMT:
	2,375	DRIVERS, Series 251, 11.423% due 4/01/2030 (h)
	235	(S/F Program), Senior Series A-1, 7.40% due 11/01/2027
	1,085	Colorado HFA, Revenue Refunding Bonds (S/F Program), AMT, Sen Series A-2, 7.50% due 4/01/2031

Portfolio Abbreviations

To simplify the listings of 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 at right.

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
RIB	Residual Interest Bonds
RITR	Residual Interest Trust Receipts
ROLS	Reset Option Long Securities
S/F	Single-Family
VRDN	Variable Rate Demand Notes

Schedule of Investments (continued) (in Thousands)

State	Face Amount	Municipal Bonds
Colorado		Colorado Health Facilities Authority Revenue Bonds, Series A:
(concluded)	$ 1,200	(Catholic Health Initiatives), 5.50% due 3/01/2032 (j)
	1,200	(Covenant Retirement Communities Inc.), 5.50% due 12/01
	675	(Covenant Retirement Communities Inc.), 5.50% due 12/01
		Colorado Water Resources and Power Development Authority, Cle
		Revenue Bonds, Series A:
	3,875	6.25% due 9/01/2010 (g)
	405	6.25% due 9/01/2016
	2,000	Denver, Colorado, City and County Airport Revenue Refunding B Series A, 6% due 11/15/2018 (a)
	5,450	El Paso County, Colorado, School District Number 49, Falcon, 6% due 12/01/2018 (d)
		Northwest Parkway, Colorado, Public Highway Authority Revenue
	9,450	Capital Appreciation, Senior Convertible, Series C, 5.3 due 6/15/2025 (d)
	1,900	Series A, 5.50% due 6/15/2021 (a)
Florida--0.7%	2,500	Escambia County, Florida, Health Facilities Authority, Health Revenue Bonds (Florida Health Care Facility Loan), 5.95% due
Georgia--9.9%	18,655	Atlanta, Georgia, Airport General Revenue Refunding Bonds, Se due 1/01/2033 (d)
	3,500	Fulton County, Georgia, Water and Sewer Revenue Bonds, 5.25% due 1/01/2035 (b)
	7,725	Georgia Municipal Electric Authority, Power Revenue Refunding Series EE, 7% due 1/01/2025 (a)
Illinois--20.8%	5,125	Chicago, Illinois, Board of Education, GO, RIB, Series 467, 9 due 12/01/2027 (a)(h)
	3,750	Chicago, Illinois, Gas Supply Revenue Refunding Bonds (People & Coke), Series A, 6.10% due 6/01/2025 (a)
		Chicago, Illinois, O'Hare International Airport Revenue Bonds AMT, Series B-2:
	5,670	5.75% due 1/01/2023 (d)
	2,500	6% due 1/01/2029 (c)
	4,550	Chicago, Illinois, O'Hare International Airport Revenue Refun DRIVERS, AMT, Series 250, 9.318% due 1/01/2021 (f)(h)
	3,000	Cook County, Illinois, Capital Improvement, GO, Series C, 5.5 due 11/15/2026 (a)

	2,240	Cook County, Illinois, Community College District No. 508, Ch Refunding, 8.75% due 1/01/2007 (b)
	3,000	Illinois Health Facilities Authority, Revenue Refunding Bonds Project), Series A, 6.375% due 8/15/2006 (d)(g)
		Illinois Sports Facilities Authority, State Tax Supported Rev Bonds (a):
	21,160	5.349%* due 6/15/2030
	4,500	5% due 6/15/2032
	3,000	Metropolitan Pier and Exposition Authority, Illinois, Dedicat Revenue Refunding Bonds (McCormick Place Expansion), Series B due 6/15/2023 (f)
	10,115	Regional Transportation Authority, Illinois, Revenue Bonds, S due 11/01/2020 (a)
Indiana--5.0%	2,500	Brownsburg, Indiana, School Building Corporation, First Mortg Bonds (Brownsburg Community School), 5.55% due 2/01/2024 (f)
	4,080	Hammond, Indiana, Multi-School Building Corporation, First Mo Refunding Bonds, 6.125% due 7/15/2019 (f)
		Indiana Transportation Finance Authority, Highway Revenue Bon Series A (b):
	4,250	5.25% due 6/01/2028
	3,750	5.25% due 6/01/2029
	1,500	Indianapolis, Indiana, Local Public Improvement Bond Bank Rev (Waterworks Project), Series A, 5.25% due 7/01/2033 (f)
Kansas--0.7%		Sedgwick and Shawnee Counties, Kansas, S/F Revenue Bonds (Mor Securities Program), AMT (e):
	740	Series A-1, 6.875% due 12/01/2026
	1,240	Series A-1, 6.875% due 12/01/2026 (f)
	550	Series A-2, 7.60% due 12/01/2031

Schedule of Investments (continued) (in Thousands)

State	Face Amount	Municipal Bonds
Louisiana--3.9%	$ 6,000	Louisiana Local Government, Environmental Facilities, Communi Authority Revenue Bonds (Capital Projects and Equipment Acqui Series A, 6.30% due 7/01/2030 (a)
	5,150	New Orleans, Louisiana, Ernest N. Morial Exhibit Hall Authori Tax, Sub-Series A, 5.25% due 7/15/2028 (a)
	1,400	Terrebonne Parish, Louisiana, Hospital Service District Numbe Revenue Bonds (Terrebonne General Medical Center Project), 5. due 4/01/2033 (a)
Massachusetts--5.2%	4,985	Massachusetts State Port Authority, Special Facilities Revenu DRIVERS, AMT, Series 501, 8.814% due 7/01/2009 (a)(h)
		Massachusetts State Special Obligation Dedicated Tax Revenue
	1,800	5.25% due 1/01/2028
	10,000	5.25% due 1/01/2029

Michigan--5.4%	6,200	Detroit, Michigan, Water Supply System Revenue Bonds, Series due 7/01/2032 (f)
	2,200	Michigan Higher Education Student Loan Authority, Student Loa Refunding Bonds, AMT, Series XVII-G, 5.20% due 9/01/2020 (a)
		Michigan State Strategic Fund, Limited Obligation Revenue Ref (Detroit Edison Company Project) (c):
	1,150	5.45% due 9/01/2029
	1,300	AMT, Series A, 5.50% due 6/01/2030
	2,500	AMT, Series C, 5.65% due 9/01/2029
	4,300	AMT, Series C, 5.45% due 12/15/2032
Mississippi--0.8%	2,400	Walnut Grove, Mississippi, Correctional Authority, COP, 6% due 11/01/2009 (a)(g)
Nebraska--0.5%	1,700	Washington County, Nebraska, Wastewater Facilities Revenue Bo Inc. Project), AMT, 5.90% due 11/01/2027
Nevada--8.2%	3,100	Carson City, Nevada, Hospital Revenue Bonds (Carson-Tahoe Hos Project), Series A, 5.50% due 9/01/2033 (k)
		Clark County, Nevada, Airport System Subordinate Lien Revenue
	1,500	Series A-2, 5% due 7/01/2030
	3,200	Series A-2, 5% due 7/01/2036
	2,000	Series B, 5.25% due 7/01/2034
		Director of the State of Nevada, Department of Business and I Revenue Bonds (Las Vegas Monorail Company Project), First Tie
	750	5.625% due 1/01/2032
	3,280	5.375% due 1/01/2040
	10,450	Washoe County, Nevada, Gas and Water Facilities Revenue Refun (Sierra Pacific Power Company), 6.30% due 12/01/2014 (a)
	3,000	Washoe County, Nevada, Water Facility Revenue Bonds (Sierra P Company), AMT, 6.65% due 6/01/2017 (f)
New Hampshire--2.4%	7,390	New Hampshire Health and Education Facilities Authority Reven (Dartmouth-Hitchcock Obligation Group), 5.50% due 8/01/2027 (
New Jersey--9.4%		New Jersey EDA, Cigarette Tax Revenue Bonds:
	5,250	5.50% due 6/15/2024 (m)
	700	5.50% due 6/15/2031
	1,165	5.75% due 6/15/2034
		New Jersey EDA, Motor Vehicle Surcharge Revenue Bonds, Series
	2,600	5% due 7/01/2029
	7,250	5.25% due 7/01/2031
	5,200	5.25% due 7/01/2033
		New Jersey EDA, Revenue Bonds, ROLS (h)(m):
	5,000	Series II-R-309-1, 9.026% due 6/15/2024
	2,500	Series II-R-309-2, 9.026% due 6/15/2031

Schedule of Investments (continued) (in Thousands)

State	Face Amount	Municipal Bonds
New York--10.5%	$ 3,000	Erie County, New York, IDA, School Facility Revenue Bonds (Ci

		Project), 5.75% due 5/01/2025 (d)
		New York City, New York, GO, DRIVERS (h):
	1,500	Series 194, 9.381% due 2/01/2015 (d)
	6,960	Series 356, 8.862% due 6/01/2011 (c)
		New York City, New York, GO, Refunding:
	5,865	Series A, 6.375% due 5/15/2010 (b)(g)
	440	Series A, 6.375% due 5/15/2013 (b)
	435	Series A, 6.375% due 5/15/2014 (b)
	550	Series A, 6.375% due 5/15/2015 (b)
	2,000	Series L, 5.75% due 8/01/2013 (c)
	3,290	New York City, New York, GO, Series E, 5.75% due 5/15/2018 (c
	7,650	Tobacco Settlement Financing Corporation of New York Revenue Series A-1, 5.25% due 6/01/2022 (a)
Oklahoma--0.3%	1,200	Oklahoma State Industries Authority, Revenue Refunding Bonds Baptist), VRDN, Series B, 1.84% due 8/15/2029 (f)(i)
Pennsylvania--6.7%	600	Allegheny County, Pennsylvania, Sanitation Authority, Sewer R 5.50% due 12/01/2030 (f)
	7,750	Pennsylvania State Public School Building Authority, School L Bonds (The School District of Philadelphia Project), 5% due 6
	6,500	Philadelphia, Pennsylvania, Authority for Industrial Developm Revenue Bonds, Series B, 5.50% due 10/01/2020 (d)
	4,500	Philadelphia, Pennsylvania, School District, GO, Series B, 5. due 8/01/2020 (b)
	1,200	Philadelphia, Pennsylvania, Water and Wastewater Revenue Refu VRDN, 1.83% due 6/15/2023 (d)(i)
	840	Washington County, Pennsylvania, Capital Funding Authority Re (Capital Projects and Equipment Program), 6.15% due 12/01/202
Rhode Island--2.6%	4,345	Providence, Rhode Island, Public Building Authority, General Series A, 6.25% due 12/15/2020 (d)
	3,355	Rhode Island State Economic Development Corporation, Airport Series B, 6.50% due 7/01/2015 (b)
South Carolina--0.2%	855	South Carolina Housing Finance and Development Authority, Mor Refunding Bonds, AMT, Series A-2, 5.875% due 7/01/2009 (d)
South Dakota--2.3%	7,000	South Dakota State Health and Educational Facilities Authorit Refunding Bonds, Series A, 7.625% due 1/01/2008 (f)(g)
Tennessee--0.7%	2,280	Tennessee HDA, Revenue Refunding Bonds (Homeownership Program Series 1, 5.95% due 7/01/2012 (f)
Texas--8.1%	1,615	Bexar, Texas, Metropolitan Water District, Waterworks System Refunding Bonds, 6.35% due 5/01/2025 (f)
		Dallas-Fort Worth, Texas, International Airport Revenue Bonds AMT (h):
	2,000	Series 202, 9.83% due 11/01/2028 (b)
	7,250	Series 353, 8.814% due 5/01/2011 (f)
	300	Harris County, Texas, Health Facilities Development Corporati Revenue Bonds (Texas Children's Hospital), VRDN, Series B-1, due 10/01/2029 (f)(i)
	900	Houston, Texas, Airport System Revenue Refunding Bonds, Sub-L 5.50% due 7/01/2030 (d)
	6,250	Texas State Turnpike Authority, Central Texas Turnpike System Bonds, First Tier, Series A, 5.50% due 8/15/2039 (a)
	5,200	Travis County, Texas, Health Facilities Development Corporati Refunding Bonds, RITR, Series 4, 9.514% due 11/15/2024 (a)(h)
	1,000	University of Houston, Texas, University Revenue Bonds, 5.50% due 2/15/2030 (f)

Virginia--4.0%	10,000	Fairfax County, Virginia, EDA, Resource Recovery Revenue Refu AMT, Series A, 6.10% due 2/01/2010 (a)
	2,300	Halifax County, Virginia, IDA, Exempt Facility Revenue Refund Dominion Electric Cooperative Project), AMT, 5.625% due 6/01/

[LOGO] Merrill Lynch Investment Managers

Schedule of Investments (concluded)   (in Thousands)

State	Face Amount	Municipal Bonds
Washington--3.6%	$ 2,150	King County, Washington, Sewer Revenue Refunding Bonds, Serie due 1/01/2027 (d)
	2,000	Snohomish County, Washington, Public Utility District Number Revenue Refunding Bonds, 5.375% due 12/01/2024 (d)
	7,000	Washington State, GO, Series A and AT-6, 6.25% due 2/01/2011
		Total Municipal Bonds (Cost--$495,250)--152.9%

Total Investments (Cost--$495,250**)--152.8%

Other Assets Less Liabilities--0.9%

Preferred Stock, at Redemption Value--(53.7%)

Net Assets Applicable to Common Stock--100.0%

* Represents a step bond; the interest rate shown reflects the effective yield at the time of purchase by the Fund.

** The cost and unrealized appreciation (depreciation) of investments as of January 31, 2005, as computed for federal income tax purposes, were as follows:

	(in Thousands)
Aggregate cost	$ 495,244
Gross unrealized appreciation	$ 37,420
Gross unrealized depreciation	(725)
Net unrealized appreciation	$ 36,695

(a) AMBAC Insured.
(b) FGIC Insured.
(c) XL Capital Insured.
(d) FSA Insured.
(e) GNMA Collateralized.
(f) MBIA Insured.
(g) Prerefunded.

(h) The rate disclosed is that currently in effect. The rate changes periodically and inversely based upon prevailing market rates.
(i) Security has a maturity of more than one year, but has variable rate and demand features, which qualify it as a short-term security. The rate disclosed is that currently in effect. The rate changes periodically based upon prevailing market rates.
(j) Escrowed to maturity.
(k) Radian Insured.
(l) CIFG Insured
(m) AGC Insured.

Investments in companies considered to be an affiliate of the Fund (such companies are defined as "Affiliated Companies" in Section 2(a)(3) of the Investment Company Act of 1940) were as follows:

(in Thousands)

Affiliate	Net Activity	Dividend Income
Merrill Lynch Institutional Tax-Exempt Fund	(6,901)	$72

Forward interest rate swaps outstanding as of January 31, 2005 were as follows:

(in Thousands)

	Notional Amount	Unrealized Depreciation
Receive a variable rate equal to 7-Day Bond Market Association Municipal Swap Index Rate and pay a fixed rate of 3.621%		
Broker, JPMorgan Chase Bank Expires March 2015	$20,000	$ (184)
Receive a variable rate equal to 7-Day Bond Market Association Municipal Swap Index Rate and pay a fixed rate of 3.658%		
Broker, JPMorgan Chase Bank Expires April 2015	$25,000	(277)
Receive a variable rate equal to 7-Day Bond Market Association Municipal Swap Index Rate and pay a fixed rate of 4.251%		
Broker, JPMorgan Chase Bank Expires February 2025	$25,000	(1,144)
Receive a variable rate equal to 7-Day Bond Market Association Municipal Swap Index Rate and pay a fixed rate of 4.073%		
Broker, Morgan Stanley Capital		

Services, Inc. Expires March 2025	$20,000	(415)
Total		$(2,020)

See Notes to Financial Statements.

Statement of Net Assets

As of January 31, 2005

Assets		
	Investments in unaffiliated securities, at value (identified cost--$495,249,612)	
	Cash	
	Interest receivable	
	Prepaid expenses	
	Total assets	
Liabilities		
	Unrealized depreciation on forward interest rate swaps	
	Payables:	
	Investment adviser	$
	Dividends to Common Stock shareholders	
	Other affiliates	
	Accrued expenses and other liabilities	
	Total liabilities	
Preferred Stock		
	Preferred Stock, at redemption value, par value $.025 per share on Series A Shares, Series B Shares and Series C Shares and $.10 per share on Series D Shares (2,000 Series A Shares, 2,000 Series B Shares, 2,000 Series C Shares and 1,480 Series D Shares of AMPS* authorized, issued and outstanding at $25,000 per share liquidation preference)	
Net Assets Applicable to Common Stock		
	Net assets applicable to Common Stock	
Analysis of Net Assets Applicable to Common Stock		
	Common Stock, par value $.10 per share (29,369,874 shares issued and outstanding)	
	Paid-in capital in excess of par	

Undistributed investment income--net	$
Accumulated realized capital losses--net	(
Unrealized appreciation--net	
Total accumulated earnings--net	
Total--Equivalent to $11.85 net asset value per share of Common Stock (market price--$10.93)	

* Auction Market Preferred Stock.

See Notes to Financial Statements.

[LOGO] Merrill Lynch Investment Managers

Statement of Operations

For the Year Ended January 31, 2005

Investment Income	
Interest	
Dividends from affiliates	
Total income	
Expenses	
Investment advisory fees	$
Commission fees	
Accounting services	
Transfer agent fees	
Professional fees	
Printing and shareholder reports	
Custodian fees	
Directors' fees and expenses	
Listing fees	
Pricing fees	
Other	
Total expenses before reimbursement	
Reimbursement of expenses	
Total expenses after reimbursement	
Investment income--net	
Realized & Unrealized Gain (Loss)--Net	
Realized gain (loss) on:	
Investments--net	
Forward interest rate swaps--net	

Change in unrealized appreciation (depreciation) on:	
Investments--net	
Forward interest rate swaps--net	
Total realized and unrealized gain--net	
Dividends to Preferred Stock Shareholders	
Investment income--net	
Net Increase in Net Assets Resulting from Operations	

See Notes to Financial Statements.

Statements of Changes in Net Assets

Increase (Decrease) in Net Assets:	
Operations	
Investment income--net	$
Realized gain--net	
Change in unrealized appreciation (depreciation)--net	
Dividends to Preferred Stock shareholders	
Net increase in net assets resulting from operations	
Dividends to Common Stock Shareholders	
Investment income--net	(
Net decrease in net assets resulting from dividends to Common Stock shareholders	(
Capital Stock Transactions	
Offering and underwriting costs resulting from issuance of Preferred Stock	
Net Assets Applicable to Common Stock	
Total increase in net assets applicable to Common Stock	
Beginning of year	3
End of year*	$ 3

* Undistributed investment income--net	$

See Notes to Financial Statements.

[LOGO] Merrill Lynch Investment Managers

Financial Highlights

The following per share data and ratios have been derived from information provided in the financial statements.	For the Year Ended Ja 2005	2004	2003
Per Share Operating Performance			
Net asset value, beginning of year	$ 11.83	$ 11.65	$ 11.43
Investment income--net**	.79	.81	.83
Realized and unrealized gain--net	.05	.15	.17
Dividends to Preferred Stock shareholders from investment income--net	(.07)	(.06)	(.08)
Total from investment operations .	.77	.90	.92
Less dividends to Common Stock shareholders from investment income--net	(.73)	(.72)	(.70)
Offering and underwriting costs resulting from the issuance of Preferred Stock	(.02)	--	--
Net asset value, end of year	$ 11.85	$ 11.83	$ 11.65
Market price per share, end of year	$ 10.93	$ 11.22	$ 10.62
Total Investment Return*			
Based on net asset value per share	7.20%	8.46%	8.62%
Based on market price per share ..	4.25%	12.84%	2.43%
Ratios Based on Average Net Assets of Common Stock			
Total expenses, net of reimbursement***	1.01%	.97%	1.00%
Total expenses***	1.01%	.97%	1.00%
Total investment income--net*** ..	6.80%	6.95%	7.17%

Amount of dividends to Preferred Stock shareholders	.59%	.48%	.70%
Investment income--net, to Common Stock shareholders	6.21%	6.47%	6.47%
Ratios Based on Average Net Assets of Common & Preferred Stock* **			
Total expenses, net of reimbursement	.68%	.68%	.70%
Total expenses	.68%	.68%	.70%
Total investment income--net	4.58%	4.84%	4.97%
Ratios Based on Average Net Assets of Preferred Stock			
Dividends to Preferred Stock shareholders	1.22%	1.09%	1.57%

Financial Highlights (concluded)

The following per share data and ratios have been derived from information provided in the financial statements.	For the Year Ended Ja		
	2005	2004	2003
Supplemental Data			
Net assets applicable to Common Stock, end of year (in thousands)	$348,027	$347,389	$342,014
Preferred Stock outstanding, end of year (in thousands)	$187,000	$150,000	$150,000
Portfolio turnover	40.17%	50.47%	31.35%
Leverage			
Asset coverage per $1,000	$ 2,861	$ 3,316	$ 3,280
Dividends Per Share on Preferred Stock Outstanding			
Series A--Investment income--net .	$ 309	$ 233	$ 350
Series B--Investment income--net .	$ 289	$ 354	$ 510
Series C--Investment income--net .	$ 295	$ 227	$ 327

Series D+--Investment income--net	$ 156	--	--

* Total investment returns based on market value, which can be significantly greater or lesser than the net asset value, may result in substantially different returns. Total investment returns exclude the effects of sales charges. The Fund's Investment Adviser agreed to reimburse a portion of its fee. Without such reimbursement, the Fund's performance would have been lower.

** Based on average shares outstanding.

*** Do not reflect the effect of dividends to Preferred Stock shareholders.

\+ Series D was issued on August 31, 2004.

See Notes to Financial Statements.

[LOGO] Merrill Lynch Investment Managers

Notes to Financial Statements

1. Significant Accounting Policies:

MuniEnhanced Fund, Inc. (the "Fund") is registered under the Investment Company Act of 1940, as amended, as a non-diversified, closed-end management investment company. The Fund's financial statements are prepared in conformity with U.S. generally accepted accounting principles, which may require the use of management accruals and estimates. Actual results may differ from these estimates. The Fund determines and makes available for publication the net asset value of its Common Stock on a daily basis. The Fund's Common Stock is listed on the New York Stock Exchange under the symbol MEN. The following is a summary of significant accounting policies followed by the Fund.

(a) Valuation of investments -- Municipal bonds are traded primarily in the over-the-counter markets and are valued at the last available bid price in the over-the-counter market or on the basis of values as obtained by a pricing service. Pricing services use valuation matrixes that incorporate both dealer-supplied valuations and valuation models. The procedures of the pricing service and its valuations are reviewed by the officers of the Fund under the general direction of the Board of Directors. Such valuations and procedures are reviewed periodically by the Board of Directors of the Fund. Financial futures contracts and options thereon, which are traded on exchanges, are valued at their closing prices as of the close of such exchanges. Options written or purchased are valued at the last sale price in the case of exchange-traded options. In the case of options traded in the over-the-counter market, valuation is the last asked price (options written) or the last bid price (options purchased). Swap agreements are valued by quoted fair values received daily by the Fund's pricing service. Short-term investments with a remaining maturity of 60 days or less are valued at amortized cost, which approximates market value, under which method the investment is valued at cost and any premium or discount is amortized on a straight line basis to maturity. Investments in open-end investment companies are valued at their net asset value each business day. Securities and other assets for which market quotations are not readily available are valued at fair value as determined in good faith by or under the direction of the Board of Directors of the Fund. Such valuations and procedures will be reviewed periodically by the Board of Directors of the Fund.

(b) Derivative financial instruments -- The Fund may engage in various portfolio investment strategies both to increase the return of the Fund and to hedge, or protect, its exposure to interest rate movements and movements in the securities markets. Losses may arise due to changes in the value of the contract or if the counterparty does not perform under the contract.

o Financial futures contracts -- The Fund may purchase or sell financial futures contracts and options on such futures contracts. Futures contracts are contracts for delayed delivery of securities at a specific future date and at a specific price or yield. Upon entering into a contract, the Fund deposits and maintains as collateral such initial margin as required by the exchange on which the transaction is effected. Pursuant to the contract, the Fund agrees to receive from or pay to the broker an amount of cash equal to the daily fluctuation in value of the contract. Such receipts or payments are known as variation margin and are recorded by the Fund as unrealized gains or losses. When the contract is closed, the Fund records a realized gain or loss equal to the difference between the value of the contract at the time it was opened and the value at the time it was closed.

o Options -- The Fund may write covered call options and purchase call and put options. When the Fund writes an option, an amount equal to the premium received by the Fund is reflected as an asset and an equivalent liability. The amount of the liability is subsequently marked-to-market reflecting the current market value of the option written. When a security is purchased or sold through an exercise of an option, the related premium paid (or received) is added to (or deducted from) the basis of the security acquired or deducted from (or added to) the proceeds of the security sold. When an option expires (or the Fund enters into a closing transaction), the Fund realizes a gain or loss on the option to the extent of the premiums received or paid (or gain or loss to the extent the cost of the closing transaction exceeds the premium paid or received).

Written and purchased options are non-income producing investments.

Notes to Financial Statements (continued)

o Forward interest rate swaps -- The Fund may enter into forward interest rate swaps. In a forward interest rate swap, the Fund and the counterparty agree to make periodic net payments on a specified notional contract amount, commencing on a specified future effective date, unless terminated earlier. When the agreement is closed, the Fund records a realized gain or loss in an amount equal to the value of the agreement.

(c) Income taxes -- It is the Fund's policy to comply with the requirements of the Internal Revenue Code applicable to regulated investment companies and to distribute substantially all of its taxable income to its shareholders. Therefore, no federal income tax provision is required.

(d) Security transactions and investment income -- Security transactions are recorded on the dates the transactions are entered into (the trade dates). Realized gains and losses on security transactions are determined on the identified cost basis. Dividend income is recorded on the ex-dividend dates. Interest income is recognized on the accrual basis. The Fund amortizes all premiums and discounts on debt securities.

(e) Dividends and distributions -- Dividends from net investment income are declared daily and paid monthly. Distributions of capital gains are recorded on the ex-dividend dates.

(f) Offering costs -- Direct expenses relating to the public offering of the Fund's Preferred Stock were charged to capital at the time of issuance of the shares.

2. Investment Advisory Agreement and Transactions with Affiliates:

The Fund has entered into an Investment Advisory Agreement with Fund Asset Management, L.P. ("FAM"). The general partner of FAM is Princeton Services, Inc. ("PSI"), an indirect, wholly-owned subsidiary of Merrill Lynch & Co., Inc. ("ML & Co."), which is the limited partner.

FAM is responsible for the management of the Fund's portfolio and provides the necessary personnel, facilities, equipment and certain other services necessary to the operations of the Fund. For such services, the Fund pays a monthly fee at an annual rate of .50% of the Fund's average daily net assets, including assets acquired from the issuance of Preferred Stock. The Investment Adviser agreed to reimburse its management fee by the amount of management fees the Fund pays to FAM indirectly through its investment in Merrill Lynch Institutional Tax-Exempt Fund. For the year ended January 31, 2005, FAM reimbursed the Fund in the amount of $13,482.

For the year ended January 31, 2005, Merrill Lynch, Pierce, Fenner & Smith Incorporated ("MLPF&S"), an affiliate of FAM, received underwriting fees of $370,000 in connection with the issuance of the Fund's Series D Preferred Stock.

For the year ended January 31, 2005, the Fund reimbursed FAM $11,693 for certain accounting services.

Certain officers and/or directors of the Fund are officers and/or directors of FAM, PSI, and/or ML & Co.

3. Investments:

Purchases and sales of investments, excluding short-term securities, for the year ended January 31, 2005 were $244,297,826 and $198,271,526, respectively.

4. Stock Transactions:

The Fund is authorized to issue 200,000,000 shares of stock, par value $.10 per share, all of which were initially classified as Common Stock. The Board of Directors is authorized, however, to reclassify any unissued shares of stock without the approval of the holders of Common Stock.

Preferred Stock

Auction Market Preferred Stock are shares of Preferred Stock of the Fund, with a par value of $.025 per share for Series A, Series B and Series C and $.10 per share for Series D and a liquidation preference of $25,000 per share, plus accrued and unpaid dividends, that entitle their holders to receive cash dividends at an annual rate that may vary for the successive dividend period for each series. The yields in effect at January 31, 2005 were as follows: Series A, 1.688%; Series B, 1.619%; Series C, 1.65%; and Series D, 1.80%.

Shares issued and outstanding for the year ended January 31, 2005 increased by 1,480 shares from the issuance of an additional series of Preferred Stock. Shares issued and outstanding for the year ended January 31, 2004 remained constant.

The Fund pays commissions to certain broker-dealers at the end of each auction at an annual rate ranging from .25% to .50%, calculated on the proceeds of each auction. For the year ended January 31, 2005, MLPF&S received $241,713 as commissions.

[LOGO] Merrill Lynch Investment Managers

Notes to Financial Statements (concluded)

5. Distributions to Shareholders:

The Fund paid a tax-exempt income dividend to holders of Common Stock in the amount of $.061000 per share on February 25, 2005 to shareholders of record on February 15, 2005.

The tax character of distributions paid during the fiscal years ended January 31, 2005 and January 31, 2004 was as follows:

	1/31/2005	1/31/2004
Distributions paid from tax-exempt income	$23,516,265	$22,774,911
Total distributions	$23,516,265	$22,774,911

As of January 31, 2005, the components of accumulated earnings on a tax basis were as follows:

Undistributed tax-exempt income--net	$ 5,243,264
Undistributed long-term capital gains--net	--
Total undistributed earnings--net	5,243,264
Capital loss carryforward	(15,398,322)*
Unrealized gains--net	32,657,208**
Total accumulated earnings--net	$ 22,502,150

* On January 31, 2005, the Fund had a net capital loss carryforward of $15,398,322, of which $4,572,805 expires in 2008, $8,505,599 expires in 2009, $1,955,204 expires in 2011 and $364,714 expires in 2013. This amount will be available to offset like amounts of any future taxable gains.

** The difference between book-basis and tax-basis net unrealized gains is attributable primarily to the tax deferral of losses on wash sales, the tax deferral of losses on straddles and the difference between book and tax amortization methods for premiums and discounts on fixed income securities.

Report of Independent Registered Public Accounting Firm

To the Shareholders and Board of Directors of
MuniEnhanced Fund, Inc.:

We have audited the accompanying statement of net assets, including the schedule of investments, of MuniEnhanced Fund, Inc., as of January 31, 2005, and the related statement of operations for the year then ended, the statements of changes in net assets for each of the two years in the period then ended, and the financial highlights for each of the five years in the period then ended. These financial statements and financial highlights are the responsibility of the Fund's management. Our responsibility is to express an opinion on these financial statements and financial highlights based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements and the financial highlights are free of material misstatement. The Fund is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. An audit includes consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Fund's internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. Our procedures included confirmation of securities owned as of January 31, 2005, by correspondence with the custodian and broker; where a reply was not received from the broker, we performed other auditing procedures. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements and financial highlights referred to above present fairly, in all material respects, the financial position of MuniEnhanced Fund, Inc. as of January 31, 2005, the results of its operations for the year then ended, the changes in its net assets for each of the two years in the period then ended, and its financial highlights for each of the five years in the period then ended, in conformity with U.S. generally accepted accounting principles.

Deloitte & Touche LLP
Princeton, New Jersey
March 22, 2005

Fund Certification (unaudited)

In May 2004, the Fund filed its Chief Executive Officer Certification for the prior year with the New York Stock Exchange pursuant to Section 303A. 12(a) of the New York Stock Exchange Corporate Governance Listing Standards.

The Fund's Chief Executive Officer and Chief Financial Officer Certifications pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 were filed with the Fund's Form N-CSR and are available on the Securities and Exchange Commission's Web site at http://www.sec.gov.

[LOGO] Merrill Lynch Investment Managers

Automatic Dividend Reinvestment Plan

The following description of the Fund's Automatic Dividend Reinvestment Plan (the "Plan") is sent to you annually as required by federal securities laws.

Pursuant to the Fund's Plan, unless a holder of Common Stock otherwise elects, all dividend and capital gains distributions will be automatically reinvested by EquiServe (the "Plan Agent"), as agent for shareholders in administering the Plan, in additional shares of Common Stock of the Fund. Holders of Common Stock who elect not to participate in the Plan will receive all distributions in cash paid by check mailed directly to the shareholder of record (or, if the shares are held in street or other nominee name then to such nominee) by EquiServe, as dividend paying agent. Such participants may elect not to participate in the Plan and to receive all distributions of dividends and capital gains in cash by sending written instructions to EquiServe, as dividend paying agent, at the address set forth below. Participation in the Plan is completely voluntary and may be terminated or resumed at any time without penalty by written notice if received by the Plan Agent not less than ten days prior to any dividend record date; otherwise such termination will be effective with respect to any subsequently declared dividend or distribution.

Whenever the Fund declares an income dividend or capital gains distribution (collectively referred to as "dividends") payable either in shares or in cash, non-participants in the Plan will receive cash and participants in the Plan will receive the equivalent in shares of Common Stock. The shares will be acquired by the Plan Agent for the participant's account, depending upon the circumstances described below, either (i) through receipt of additional unissued but authorized shares of Common Stock from the Fund ("newly issued shares") or (ii) by purchase of outstanding shares of Common Stock on the open market ("open-market purchases") on the New York Stock Exchange or elsewhere. If, on the payment date for the dividend, the net asset value per share of the Common Stock is equal to or less than the market price per share of the Common Stock plus estimated brokerage commissions (such conditions being referred to herein as "market premium"), the Plan Agent will invest the dividend amount in newly issued shares on behalf of the participant. The number of newly issued shares of Common Stock to be credited to the participant's account will be determined by dividing the dollar amount of the dividend by the net asset value per share on the date the shares are issued, provided that the maximum discount from the then current market price per share on the date of issuance may not exceed 5%. If, on the dividend payment date, the net asset value per share is greater than the market value (such condition being referred to herein as "market discount"), the Plan Agent will invest the dividend amount in shares acquired on behalf of the participant in open-market purchases.

In the event of a market discount on the dividend payment date, the Plan Agent will have until the last business day before the next date on which the shares trade on an "ex-dividend" basis or in no event more than 30 days after the dividend payment date (the "last purchase date") to invest the dividend amount in shares acquired in open-market purchases. It is contemplated that the Fund will pay monthly income dividends. Therefore, the period during which open-market purchases can be made will exist only from the payment date on the dividend through the date before the next "ex-dividend" date, which typically will be approximately ten days. If, before the Plan Agent has completed its open-market purchases, the market price of a share of Common Stock exceeds the net asset value per share, the average per share purchase price paid by the Plan Agent may exceed the net asset value of the Fund's shares, resulting in the acquisitions of fewer shares than if the dividend had been paid in newly issued shares on the dividend payment date. Because of the foregoing difficulty with respect to open-market purchases, the Plan provides that if the Plan Agent is unable to invest the full dividend amount in open-market purchases during the purchase period or if the market discount shifts to a market premium during the purchase period, the Plan Agent will cease making open-market purchases and will invest the uninvested portion of the dividend amount in newly issued shares at the close of business on the last purchase date determined by dividing the uninvested portion of the dividend by the net asset value per share.

The Plan Agent maintains all shareholders' accounts in the Plan and furnishes written confirmation of all transactions in the account, including information needed by shareholders for tax records. Shares in the account of each Plan participant will be held by the Plan Agent in non-certificated form in the name of the participant, and each shareholder's proxy will include those shares purchased or received pursuant to the Plan. The Plan Agent will forward all proxy solicitation materials to participants and vote proxies for shares held pursuant to the Plan in accordance with the instructions of the participants.

In the case of shareholders such as banks, brokers or nominees which hold shares of others who are the beneficial owners, the Plan Agent will administer the Plan on the basis of the number of shares certified from time to time by the record shareholders as representing the total amount registered in the record shareholder's name and held for the account of beneficial owners who are to participate in the Plan.

There will be no brokerage charges with respect to shares issued directly by the Fund as a result of dividends or capital gains distributions payable either in shares or in cash. However, each participant will pay a pro rata share of brokerage commissions incurred with respect to the Plan Agent's open-market purchases in connection with the reinvestment of dividends.

The automatic reinvestment of dividends and distributions will not relieve participants of any federal, state or local income tax that may be payable (or required to be withheld) on such dividends.

Shareholders participating in the Plan may receive benefits not available to shareholders not participating in the Plan. If the market price plus commissions of the Fund's shares is above the net asset value, participants in the Plan will receive shares of the Fund at less than they could otherwise purchase them and will have shares with a cash value greater than the value of any cash distribution they would have received on their shares. If the market price plus commissions is below the net asset value, participants will receive distributions in shares with a net asset value greater than the value of any cash distribution they would have received on their shares. However, there may be insufficient shares available in the market to make distributions in shares at prices below the net asset value. Also, since the Fund does not redeem shares, the price on resale may be more or less than the net asset value.

The value of shares acquired pursuant to the Plan will generally be excluded from gross income to the extent that the cash amount reinvested would be excluded from gross income. If, when the Fund's shares are trading at a premium over net asset value, the Fund issues shares pursuant to the Plan that have a greater fair market value than the amount of cash reinvested, it is possible that all or a portion of such discount (which may not exceed 5% of the fair market value of the Fund's shares) could be viewed as a taxable distribution. If the discount is viewed as a taxable distribution, it is also possible that the taxable character of this discount would be allocable to all the shareholders, including shareholders who do not participate in the Plan. Thus, shareholders who do not participate in the Plan might be required to report as ordinary income a portion of their distributions equal to their allocable share of the discount.

Experience under the Plan may indicate that changes are desirable. Accordingly, the Fund reserves the right to amend or terminate the Plan. There is no direct service charge to participants in the Plan; however, the Fund reserves the right to amend the Plan to include a service charge payable by the participants.

All correspondence concerning the Plan should be directed to the Plan Agent at EquiServe, P.O. Box 43010, Providence, RI 02940-3010, Telephone: 800-426-5523.

[LOGO] Merrill Lynch Investment Managers

Officers and Directors

Name	Address & Age	Position(s) Held with Fund	Length of Time Served	Principal Occupation(s) During Past 5 Years
Interested Director				
Robert C. Doll, Jr.*	P.O. Box 9011 Princeton, NJ 08543-9011 Age: 50	President and Director	2005 to present	President of MLIM/FAM-advised funds since 2005; President of MLIM and FAM since 2001; Co-Head (Americas Region) thereof from 2000 to 2001 and Senior Vice President from 1999 to 2001; Preside and Director of Princeton Services, Inc. since 2 President of Princeton Administrators, L.P. sinc 2001; Chief Investment Officer of Oppenheimer Funds, Inc. in 1999 and Executive Vice President thereof from 1991 to 1999.

* Mr. Doll is a director, trustee or member of an advisory board of certain other inv FAM acts as investment adviser. Mr. Doll is an "interested person," as described in Fund based on his current positions with MLIM, FAM, Princeton Services and Princeto Director's term is unlimited. Directors serve until their resignation, removal or d year in which they turn 72. As Fund President, Mr. Doll serves at the pleasure of t

Name	Address & Age	Position(s) Held with Fund	Length of Time Served	Principal Occupation(s) During Past 5 Years
Independent Directors*				
James H. Bodurtha	P.O. Box 9095 Princeton, NJ 08543-9095 Age: 60	Director	1995 to present	Director, The China Business Group, Inc. since 1 and Executive Vice President thereof from 1996 t 2003; Chairman of the Board, Berkshire Holding Corporation since 1980; Partner, Squire, Sanders Dempsey from 1980 to 1993.
Joe Grills	P.O. Box 9095 Princeton, NJ 08543-9095 Age: 69	Director	2002 to present	Member of the Committee of Investment of Employee Benefit Assets of the Association of Financial Professionals ("CIEBA") since 1986; Me of CIEBA's Executive Committee since 1988 and it Chairman from 1991 to 1992; Assistant Treasurer International Business Machines Corporation ("IB and Chief Investment Officer of IBM Retirement F from 1986 to 1993; Member of the Investment Advi Committees of the State of New York Common Retirement Fund since 1989; Member of the Investment Advisory Committee of the Howard Hugh Medical Institute from 1997 to 2000; Director, D University Management Company from 1992 to 2004, Vice Chairman thereof from 1998 to 2004 and Dire Emeritus thereof since 2004; Director, LaSalle S from 1995 to 2001; Director, Kimco Realty Corpor since 1997; Member of the Investment Advisory

Committee of the Virginia Retirement System sinc
1998 and Vice Chairman thereof since 2002; Direc
Montpelier Foundation since 1998 and its Vice Ch
since 2000; Member of the Investment Committee o
the Woodberry Forest School since 2000; Member o
the Investment Committee of the National Trust f
Historic Preservation since 2000.

Officers and Directors (continued)

Name	Address & Age	Position(s) Held with Fund	Length of Time Served	Principal Occupation(s) During Past 5 Years
Independent Directors* (concluded)				
Herbert I. London	P.O. Box 9095 Princeton, NJ 08543-9095 Age: 65	Director	1989 to present	John M. Olin Professor of Humanities, New York University since 1993 and Professor thereof sinc 1980; President, Hudson Institute since 1997 and Trustee thereof since 1980; Dean, Gallatin Divis of New York University from 1976 to 1993; Distinguished Fellow, Herman Kahn Chair, Hudson Institute from 1984 to 1985; Director, Damon Cor from 1991 to 1995; Overseer, Center for Naval Analyses from 1983 to 1993.
Roberta Cooper Ramo	P.O. Box 9095 Princeton, NJ 08543-9095 Age: 62	Director	1999 to present	Shareholder, Modrall, Sperling, Roehl, Harris & Sisk, P.A. since 1993; President, American Bar Association from 1995 to 1996 and Member of the of Governors thereof from 1994 to 1997; Sharehol Poole, Kelly & Ramo, Attorneys at Law, P.C. from 1977 to 1993; Director, ECMC Group (service provider to students, schools and lenders) since Director, United New Mexico Bank (now Wells Farg from 1983 to 1988; Director, First National Bank New Mexico (now Wells Fargo) from 1975 to 1976; Vice President, American Law Institute since 200
Robert S. Salomon, Jr.	P.O. Box 9095 Princeton, NJ 08543-9095 Age: 68	Director	2002 to present	Principal of STI Management (investment adviser) since 1994; Chairman and CEO of Salomon Brothers Asset Management from 1992 to 1995; Chairman of Salomon Brothers equity mutual funds from 199 to 1995; regular columnist with Forbes Magazine 1992 to 2002; Director of Stock Research and U.S Equity Strategist at Salomon Brothers from 1975 1991; Trustee, Commonfund from 1980 to 2001.
Stephen B. Swensrud	P.O. Box 9095 Princeton, NJ 08543-9095 Age: 71	Director	2002 to present	Chairman of Fernwood Advisors, Inc. (investment adviser) since 1996; Principal, Fernwood Associa (financial consultants) since 1975; Chairman of Corporation (manufacturing company) since 1978; Director of International Mobile Communications,

Incorporated (telecommunications) since 1998.

* The Director's term is unlimited. Directors serve until their resignation, removal
the year in which they turn 72.

[LOGO] Merrill Lynch Investment Managers

Officers and Directors (concluded)

Name	Address & Age	Position(s) Held with Fund	Length of Time Served	Principal Occupation(s) During Past 5 Years
Fund Officers*				
Donald C. Burke	P.O. Box 9011 Princeton, NJ 08543-9011 Age: 44	Vice President and Treasurer	1993 to present and 1999 to present	First Vice President of MLIM and FAM since 1997 Senior Vice President and Treasurer of Princeton since 2004; Vice President of FAMD since 1999; V 1990 to 1997; Director of Taxation of MLIM from
Kenneth A. Jacob	P.O. Box 9011 Princeton, NJ 08543-9011 Age: 53	Senior Vice President	2002 to present	Managing Director of MLIM since 2000 (Municipal Director of MLIM from 1997 to 2000.
John M. Loffredo	P.O. Box 9011 Princeton, NJ 08543-9011 Age: 41	Senior Vice President	2002 to present	Managing Director of MLIM since 2000 (Municipal Director of MLIM from 1998 to 2000.
Michael Kalinoski	P.O. Box 9011 Princeton, NJ 08543-9011 Age: 34	Vice President	2000 to present	Vice President of MLIM (Municipal Tax-Exempt Fun Bond Trader with Strong Capital Management from
Jeffrey Hiller	P.O. Box 9011 Princeton, NJ 08543-9011 Age: 53	Chief Compliance Officer	2004 to present	Chief Compliance Officer of the MLIM/FAM-advised Chief Compliance Officer of MLIM (Americas Regio Compliance at Morgan Stanley Investment Manageme Director and Global Director of Compliance at Ci to 2002; Chief Compliance Officer at Soros Fund Compliance Officer at Prudential Financial from Commission's Division of Enforcement in Washingt
Alice A. Pellegrino	P.O. Box 9011 Princeton, NJ 08543-9011 Age: 44	Secretary	2004 to present	Director (Legal Advisory) of MLIM since 2002; Vi 2002; Attorney associated with MLIM since 1997; Princeton Services since 2004.

* Officers of the Fund serve at the pleasure of the Board of Directors.

Custodian

State Street Bank and
Trust Company
P.O. Box 351
Boston, MA 02101

Transfer Agents

Common Stock:

EquiServe
P.O. Box 43010
Providence, RI 02940-3010

Preferred Stock:

The Bank of New York
101 Barclay Street - 7 West
New York, NY 10286

NYSE Symbol

MEN

Andre F. Perold resigned as a Director of MuniEnhanced Fund, Inc. effective October 22, 2004.

Effective January 1, 2005, Terry K. Glenn retired as President and Director of the Fund. The Fund's Board of Directors wishes Mr. Glenn well in his retirement.

Effective January 1, 2005, Robert C. Doll, Jr. became President and Director of the Fund.

Important Tax Information

All of the net investment income distributions paid by MuniEnhanced Fund, Inc. during its taxable year ended January 31, 2005 qualify as tax-exempt interest dividends for federal income tax purposes.

Dividend Policy

The Fund's dividend policy is to distribute all or a portion of its net investment income to its shareholders on a monthly basis. In order to provide shareholders with a more stable level of dividend distributions, the Fund may at times pay out less than the entire amount of net investment income earned in any particular month and may at times in any particular month pay out such accumulated but undistributed income in addition to net investment income earned in that month. As a result, the dividends paid by the Fund for any particular month may be more or less than the amount of net investment income earned by the Fund during such month. The Fund's current accumulated but undistributed net investment income, if any, is disclosed in the Statement of Net Assets, which comprises part of the financial information included in this report.

[LOGO] Merrill Lynch Investment Managers

Portfolio Information as of January 31, 2005

Quality Ratings by S&P/Moody's	Percent of Total Investments
AAA/Aaa	89.8%
AA/Aa	3.7
A/A	5.2
BBB/Baa	0.4
NR (Not Rated)	0.9

Availability of Quarterly Schedule of Investments

The Fund files its complete schedule of portfolio holdings with the Securities and Exchange Commission ("SEC") for the first and third quarters of each fiscal year on Form N-Q. The Fund's Forms N-Q are available on the SEC's Web site at http://www.sec.gov. The Fund's Forms N-Q may also be reviewed and copied at the SEC's Public Reference Room in Washington, DC. Information on the operation of the Public Reference Room may be obtained by calling 1-800-SEC-0330.

Electronic Delivery

The Fund offers electronic delivery of communications to its shareholders. In order to receive this service, you must register your account and provide us with e-mail information. To sign up for this service, simply access this Web site at http://www.icsdelivery.com/live and follow the instructions. When you visit this site, you will obtain a personal identification number (PIN). You will need this PIN should you wish to update your e-mail address, choose to discontinue this service and/or make any other changes to the service. This service is not available for certain retirement accounts at this time.

[LOGO] Merrill Lynch Investment Managers www.mlim.ml.com

MuniEnhanced Fund, Inc. seeks to provide shareholders with as high a level of current income exempt from federal income taxes as is consistent with its investment policies by investing primarily in a portfolio of long-term, investment grade municipal obligations, the interest on which is exempt from federal income taxes in the opinion of the bond counsel to the issuer.

This report, including the financial information herein, is transmitted to shareholders of MuniEnhanced Fund, Inc. for their information. It is not a prospectus. Past performance results shown in this report should not be considered a representation of future performance. The Fund has leveraged its Common Stock and intends to remain leveraged by issuing Preferred Stock to provide the Common Stock shareholders with a potentially higher rate of return. Leverage creates risks for Common Stock shareholders, including the likelihood of greater volatility of net asset value and market price of shares of the Common Stock, and the risk that fluctuations in the short-term dividend rates of the Preferred Stock may affect the yield to Common Stock shareholders. Statements and other information herein are as dated and are subject to change.

A description of the policies and procedures that the Fund uses to determine how to vote proxies relating to portfolio securities is available (1) without charge, upon request, by calling toll-free 1-800-MER-FUND (1-800-637-3863); (2) at www.mutualfunds.ml.com; and (3) on the Securities and Exchange Commission's Web site at http://www.sec.gov. Information about how the Fund voted proxies relating to securities held in the Fund's portfolio during the most recent 12-month period ended June 30 is available (1) at www.mutualfunds.ml.com and (2) on the Securities and Exchange Commission's Web site at http://www.sec.gov.

MuniEnhanced Fund, Inc.
Box 9011
Princeton, NJ 08543-9011

#10874 -- 1/05

Item 2 - Code of Ethics - The registrant has adopted a code of ethics, as of the end of the period covered by this report, that applies to the registrant's principal executive officer, principal financial officer and principal accounting officer, or persons performing similar functions. A copy of the code of ethics is available without charge upon request by calling toll-free 1-800-MER-FUND (1-800-637-3863).

Item 3 - Audit Committee Financial Expert - The registrant's board of directors has determined that (i) the registrant has the following audit committee financial experts serving on its audit committee and (ii) each audit committee financial expert is independent: (1) Joe Grills, (2) Andre F. Perold (resigned as of October 1, 2004), (3) Robert S. Salomon, Jr., and (4) Stephen B. Swensrud.

Item 4 - Principal Accountant Fees and Services

(a) Audit Fees -	Fiscal Year Ending January 31, 2005 - $28,000
	Fiscal Year Ending January 31, 2004 - $26,000
(b) Audit-Related Fees -	Fiscal Year Ending January 31, 2005 - $13,200
	Fiscal Year Ending January 31, 2004 - $5,600

The nature of the services include assurance and related services reasonably related to the performance of the audit of financial statements not included in Audit Fees.

(c) Tax Fees -	Fiscal Year Ending January 31, 2005 - $5,700
	Fiscal Year Ending January 31, 2004 - $5,610

The nature of the services include tax compliance, tax advice and tax planning.

(d) All Other Fees -	Fiscal Year Ending January 31, 2005 - $0
	Fiscal Year Ending January 31, 2004 - $0

(e)(1) The registrant's audit committee (the "Committee") has adopted policies and procedures with regard to the pre-approval of services. Audit, audit-related and tax compliance services provided to the registrant on an annual basis require specific pre-approval by the Committee. The Committee also must approve other non-audit services provided to the registrant and those non-audit services provided to the registrant's affiliated service providers that relate directly to the operations and the financial reporting of the registrant. Certain of these non-audit services that the Committee believes are a) consistent with the SEC's auditor independence rules and b) routine and recurring services that will not impair the independence of the independent accountants may be approved by the Committee without consideration on a specific case-by-case basis ("general pre-approval"). However, such services will only be deemed pre-approved provided that any individual project does not exceed $5,000 attributable to the registrant or $50,000 for all of the registrants the Committee oversees. Any proposed services exceeding the pre-approved cost levels will require specific pre-approval by the Committee, as will any other services not subject to general pre-approval (e.g., unanticipated but permissible services). The Committee is informed of each service approved subject to general pre-approval at the next regularly scheduled in-person board meeting.

(e)(2) 0%

(f) Not Applicable

(g) Fiscal Year Ending January 31, 2005 - $11,220,181
Fiscal Year Ending January 31, 2004 - $18,176,900

(h) The registrant's audit committee has considered and determined that the provision of non-audit services that were rendered to the registrant's investment adviser and any entity controlling, controlled by, or under common control with the investment adviser that provides ongoing services to the registrant that were not pre-approved pursuant to paragraph (c)(7)(ii) of Rule 2-01 of Regulation S-X is compatible with maintaining the principal accountant's independence.

Regulation S-X Rule 2-01(c)(7)(ii) - $945,000, 0%

Item 5 - Audit Committee of Listed Registrants - The following individuals are members of the registrant's separately-designated standing audit committee established in accordance with Section 3(a)(58)(A) of the Exchange Act (15 U.S.C. 78c(a)(58)(A)):

James H. Bodurtha
Joe Grills
Herbert I. London
Andre F. Perold (resigned as of October 1, 2004)
Roberta Cooper Ramo
Robert S. Solomon, Jr.
Stephen B. Swensrud

Item 6 - Schedule of Investments - Not Applicable

Item 7 - Disclosure of Proxy Voting Policies and Procedures for Closed-End Management Investment Companies -

Proxy Voting Policies and Procedures

Each Fund's Board of Directors/Trustees has delegated to Merrill Lynch Investment Managers, L.P. and/or Fund Asset Management, L.P. (the "Investment Adviser") authority to vote all proxies relating to the Fund's portfolio securities. The Investment Adviser has adopted policies and procedures ("Proxy Voting Procedures") with respect to the voting of proxies related to the portfolio securities held in the account of one or more of its clients, including a Fund. Pursuant to these Proxy Voting Procedures, the Investment Adviser's primary objective when voting proxies is to make proxy voting decisions solely in the best interests of each Fund and its shareholders, and to act in a manner that the Investment Adviser believes is most likely to enhance the economic value of the securities held by the Fund. The Proxy Voting Procedures are designed to ensure that that the Investment Adviser considers the interests of its clients, including the Funds, and not the interests of the Investment Adviser, when voting proxies and that real (or perceived) material conflicts that may arise between the Investment Adviser's interest and those of the Investment Adviser's clients are properly addressed and resolved.

In order to implement the Proxy Voting Procedures, the Investment Adviser has formed a Proxy Voting Committee (the "Committee"). The Committee is comprised of the Investment Adviser's Chief Investment Officer (the "CIO"), one or more other senior investment professionals appointed by the CIO, portfolio managers and investment analysts appointed by the CIO and any other personnel the CIO deems appropriate. The Committee will also include two non-voting representatives from the Investment Adviser's Legal department appointed by the Investment Adviser's General Counsel. The Committee's membership shall be limited to full-time employees of the Investment Adviser. No person with any investment banking, trading, retail brokerage or research responsibilities for the Investment Adviser's affiliates may serve as a member of the Committee or participate in its decision making (except

to the extent such person is asked by the Committee to present information to the Committee, on the same basis as other interested knowledgeable parties not affiliated with the Investment Adviser might be asked to do so). The Committee determines how to vote the proxies of all clients, including a Fund, that have delegated proxy voting authority to the Investment Adviser and seeks to ensure that all votes are consistent with the best interests of those clients and are free from unwarranted and inappropriate influences. The Committee establishes general proxy voting policies for the Investment Adviser and is responsible for determining how those policies are applied to specific proxy votes, in light of each issuer's unique structure, management, strategic options and, in certain circumstances, probable economic and other anticipated consequences of alternate actions. In so doing, the Committee may determine to vote a particular proxy in a manner contrary to its generally stated policies. In addition, the Committee will be responsible for ensuring that all reporting and recordkeeping requirements related to proxy voting are fulfilled.

The Committee may determine that the subject matter of a recurring proxy issue is not suitable for general voting policies and requires a case-by-case determination. In such cases, the Committee may elect not to adopt a specific voting policy applicable to that issue. The Investment Adviser believes that certain proxy voting issues require investment analysis - such as approval of mergers and other significant corporate transactions - akin to investment decisions, and are, therefore, not suitable for general guidelines. The Committee may elect to adopt a common position for the Investment Adviser on certain proxy votes that are akin to investment decisions, or determine to permit the portfolio manager to make individual decisions on how best to maximize economic value for a Fund (similar to normal buy/sell investment decisions made by such portfolio managers). While it is expected that the Investment Adviser will generally seek to vote proxies over which the Investment Adviser exercises voting authority in a uniform manner for all the Investment Adviser's clients, the Committee, in conjunction with a Fund's portfolio manager, may determine that the Fund's specific circumstances require that its proxies be voted differently.

To assist the Investment Adviser in voting proxies, the Committee has retained Institutional Shareholder Services ("ISS"). ISS is an independent adviser that specializes in providing a variety of fiduciary-level proxy-related services to institutional investment managers, plan sponsors, custodians, consultants, and other institutional investors. The services provided to the Investment Adviser by ISS include in-depth research, voting recommendations (although the Investment Adviser is not obligated to follow such recommendations), vote execution, and recordkeeping. ISS will also assist the Fund in fulfilling its reporting and recordkeeping obligations under the Investment Company Act.

The Investment Adviser's Proxy Voting Procedures also address special circumstances that can arise in connection with proxy voting. For instance, under the Proxy Voting Procedures, the Investment Adviser generally will not seek to vote proxies related to portfolio securities that are on loan, although it may do so under certain circumstances. In addition, the Investment Adviser will vote proxies related to securities of foreign issuers only on a best efforts basis and may elect not to vote at all in certain countries where the Committee determines that the costs associated with voting generally outweigh the benefits. The Committee may at any time override these general policies if it determines that such action is in the best interests of a Fund.

From time to time, the Investment Adviser may be required to vote proxies in respect of an issuer where an affiliate of the Investment Adviser (each, an "Affiliate"), or a money management or other client of the Investment Adviser (each, a "Client") is involved. The Proxy Voting Procedures and the Investment Adviser's adherence to those procedures are designed to address such conflicts of interest. The Committee intends to strictly adhere to the Proxy Voting Procedures in all proxy matters, including matters involving Affiliates and Clients. If, however, an issue representing a non-routine matter that is material to an Affiliate or a widely known Client is involved such that the Committee does not reasonably believe it is able to follow its guidelines (or if the particular proxy matter is not addressed by the guidelines) and vote impartially, the Committee may, in its discretion for the purposes of ensuring that an independent determination is reached, retain an independent fiduciary to advise the Committee on how to vote or to cast votes on behalf of the Investment Adviser's clients.

In the event that the Committee determines not to retain an independent fiduciary, or it does not follow the advice of such an independent fiduciary, the powers of the Committee shall pass to a subcommittee, appointed by the CIO (with advice from the Secretary of the Committee), consisting solely of Committee members selected by the CIO. The CIO shall appoint to the subcommittee, where appropriate, only persons whose job responsibilities do not include contact with the Client and whose job evaluations would not be affected by the Investment Adviser's relationship with the Client (or failure to retain such relationship). The subcommittee shall determine whether and how to vote all proxies on behalf of the Investment Adviser's clients or, if the proxy matter is, in their judgment, akin to an investment decision, to defer to the applicable portfolio managers, provided that, if the subcommittee determines to alter the Investment Adviser's normal voting guidelines or, on matters where the Investment Adviser's policy is case-by-case, does not follow the voting recommendation of any proxy voting service or other independent fiduciary that may be retained to provide research or advice to the Investment Adviser on that matter, no proxies relating to the Client may be voted unless the Secretary, or in the Secretary's absence, the Assistant Secretary of the Committee concurs that the subcommittee's determination is consistent with the Investment Adviser's fiduciary duties

In addition to the general principles outlined above, the Investment Adviser has adopted voting guidelines with respect to certain recurring proxy issues that are not expected to involve unusual circumstances. These policies are guidelines only, and the Investment Adviser may elect to vote differently from the recommendation set forth in a voting guideline if the Committee determines that it is in a Fund's best interest to do so. In addition, the guidelines may be reviewed at any time upon the request of a Committee member and may be amended or deleted upon the vote of a majority of Committee members present at a Committee meeting at which there is a quorum.

The Investment Adviser has adopted specific voting guidelines with respect to the following proxy issues:

o Proposals related to the composition of the Board of Directors of issuers other than investment companies. As a general matter, the Committee believes that a company's Board of Directors (rather than shareholders) is most likely to have access to important, nonpublic information regarding a company's business and prospects, and is therefore best-positioned to set corporate policy and oversee management. The Committee, therefore, believes that the foundation of good corporate governance is the election of qualified, independent corporate directors who are likely to diligently represent the interests of shareholders and oversee management of the corporation in a manner that will seek to maximize shareholder value over time. In individual cases, the Committee may look at a nominee's history of representing shareholder interests as a director of other companies or other factors, to the extent the Committee deems relevant.

o Proposals related to the selection of an issuer's independent auditors. As a general matter, the Committee believes that corporate auditors have a responsibility to represent the interests of shareholders and provide an independent view on the propriety of financial reporting decisions of corporate management. While the Committee will generally defer to a corporation's choice of auditor, in individual cases, the Committee may look at an auditors' history of representing shareholder interests as auditor of other companies, to the extent the Committee deems relevant.

o Proposals related to management compensation and employee benefits. As a general matter, the Committee favors disclosure of an issuer's compensation and benefit policies and opposes excessive compensation, but believes that compensation matters are normally best determined by an issuer's board of directors, rather than shareholders. Proposals to "micro-manage" an issuer's compensation practices or to set arbitrary restrictions on compensation or benefits will, therefore, generally not be supported.

o Proposals related to requests, principally from management, for approval of amendments that would alter an issuer's capital structure. As a general matter, the Committee will support requests that enhance the rights of common shareholders and oppose requests that appear to be unreasonably dilutive.

o Proposals related to requests for approval of amendments to an issuer's charter or by-laws. As a general matter, the Committee opposes poison pill provisions.

- o Routine proposals related to requests regarding the formalities of corporate meetings.

- o Proposals related to proxy issues associated solely with holdings of investment company shares. As with other types of companies, the Committee believes that a fund's Board of Directors (rather than its shareholders) is best-positioned to set fund policy and oversee management. However, the Committee opposes granting Boards of Directors authority over certain matters, such as changes to a fund's investment objective, that the Investment Company Act envisions will be approved directly by shareholders.

- o Proposals related to limiting corporate conduct in some manner that relates to the shareholder's environmental or social concerns. The Committee generally believes that annual shareholder meetings are inappropriate forums for discussion of larger social issues, and opposes shareholder resolutions "micromanaging" corporate conduct or requesting release of information that would not help a shareholder evaluate an investment in the corporation as an economic matter. While the Committee is generally supportive of proposals to require corporate disclosure of matters that seem relevant and material to the economic interests of shareholders, the Committee is generally not supportive of proposals to require disclosure of corporate matters for other purposes.

Item 8 - Portfolio Managers of Closed-End Management Investment Companies - Not Applicable at this time

Item 9 - Purchases of Equity Securities by Closed-End Management Investment Company and Affiliated Purchasers - Not Applicable

Item 10 - Submission of Matters to a Vote of Security Holders - Not Applicable

Item 11 - Controls and Procedures

11(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.

11(b) - There were no changes in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the Act (17 CFR 270.30a-3(d)) that occurred during the second fiscal half-year of the period covered by this report that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 12 - Exhibits attached hereto

12(a)(1) - Code of Ethics - See Item 2

12(a)(2) - Certifications - Attached hereto

12(a)(3) - Not Applicable

12(b) - 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.

MuniEnhanced Fund, Inc.

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

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

Date: March 21, 2005

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 of
MuniEnhanced Fund, Inc.

Date: March 21, 2005

By: /s/ Donald C. Burke

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

Date: March 21, 2005