

Eaton Vance Enhanced Equity Income Fund
Form N-CSRS
May 27, 2009

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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: 811-21614

Eaton Vance Enhanced Equity Income Fund

(Exact Name of registrant as Specified in Charter)

Two International Place, Boston, Massachusetts 02110

(Address of Principal Executive Offices)

Maureen A. Gemma

Two International Place, Boston, Massachusetts 02110

(Name and Address of Agent for Services)

(617) 482-8260

(registrant's Telephone Number)

September 30

Date of Fiscal Year End

March 31, 2009

Date of Reporting Period

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Item 1. Reports to Stockholders

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Semiannual Report March 31, 2009 EATON VANCE ENHANCED EQUITY INCOME FUND

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**IMPORTANT NOTICES REGARDING DISTRIBUTIONS,
DELIVERY OF SHAREHOLDER DOCUMENTS,
PORTFOLIO HOLDINGS, AND PROXY VOTING**

Managed Distribution Plan. On March 10, 2009, the Fund received authorization from the Securities and Exchange Commission to distribute long-term capital gains to shareholders more frequently than once per year. In this connection, the Board of Trustees formally approved the implementation of a Managed Distribution Plan (MDP) to make monthly cash distributions to common shareholders, stated in terms of a fixed amount per common share.

The Fund intends to pay monthly cash dividends equal to \$0.137 per share. You should not draw any conclusions about the Fund's investment performance from the amount of these distributions or from the terms of the MDP. The MDP will be subject to regular periodic review by the Fund's Board of Trustees.

With each distribution, the Fund will issue a notice to shareholders and an accompanying press release which will provide detailed information required by the Fund's exemptive order. The Fund's Board of Trustees may amend or terminate the MDP at any time without prior notice to Fund shareholders; however, at this time there are no reasonably foreseeable circumstances that might cause the termination of the MDP.

Delivery of Shareholder Documents. The Securities and Exchange Commission (the SEC) permits funds to deliver only one copy of shareholder documents, including prospectuses, proxy statements and shareholder reports, to fund investors with multiple accounts at the same residential or post office box address. This practice is often called householding and it helps eliminate duplicate mailings to shareholders.

Eaton Vance, or your financial adviser, may household the mailing of your documents indefinitely unless you instruct Eaton Vance, or your financial adviser, otherwise.

If you would prefer that your Eaton Vance documents not be householded, please contact Eaton Vance at 1-800-262-1122, or contact your financial adviser.

Your instructions that householding not apply to delivery of your Eaton Vance documents will be effective within 30 days of receipt by Eaton Vance or your financial adviser.

Portfolio Holdings. Each Eaton Vance Fund and its underlying Portfolio (if applicable) will file a schedule of its portfolio holdings on Form N-Q with the SEC for the first and third quarters of each fiscal year. The Form N-Q will be available on the Eaton Vance website www.eatonvance.com, by calling Eaton Vance at 1-800-262-1122 or in the EDGAR database on the Securities and Exchange Commission's website at www.sec.gov. Form N-Q may also be reviewed and copied at the SEC's public reference room in Washington, D.C. (call 1-800-732-0330 for information on the operation of the public reference room).

Proxy Voting. From time to time, funds are required to vote proxies related to the securities held by the funds. The Eaton Vance Funds or their underlying portfolios (if applicable) vote proxies according to a set of policies and procedures approved by the Funds' and Portfolios' Boards. You may obtain a description of these policies and procedures and information on how the Funds or Portfolios voted proxies relating to portfolio securities during the most recent 12 month period ended June 30, without charge, upon request, by calling 1-800-262-1122. This description is also available on the SEC's website at www.sec.gov.

Please refer to the inside back cover of this report for an important notice about the privacy policies adopted by the Eaton Vance organization.

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Eaton Vance Enhanced Equity Income Fund as of March 31, 2009
INVESTMENT UPDATE

Walter A. Row, CFA
Eaton Vance Management
Co-Portfolio Manager

Michael A. Allison, CFA
Eaton Vance Management
Co-Portfolio Manager

Ronald M. Egalka
Rampart Investment
Management
Co-Portfolio Manager

David R. Fraley
Rampart Investment
Management
Co-Portfolio Manager

Economic and Market Conditions

Global equity markets experienced profound losses during the six months that ended March 31, 2009, a period that will likely go down as one of the worst in modern financial history. Prior to and during the period, the simultaneous bursting of the housing, credit and commodity bubbles created a global financial crisis of unforeseen levels. Equity markets collapsed in the fall of 2008 as a series of catastrophic events on Wall Street induced panic and fear among market participants. The U.S. economy fell into recession during the fourth quarter of 2007, and it was made official in the fourth quarter of 2008 as unemployment continued to rise. The Federal Reserve (Fed) responded to the crises with a dramatic cut in interest rates to a range of 0.0% to 0.25% from 2.00% as of September 30, 2008. In addition to its interest-rate policy, the Fed also took extraordinary action through a variety of innovative lending techniques in an attempt to ease the credit crisis.

As investors fled to less-risky investments such as short-term Treasuries, investment styles across the board suffered steep declines. The S&P 500 Index suffered its worst loss since 1937, while the Dow Jones Industrials Average experienced the third-worst loss in its history. However, in the latter three weeks of March 2009, stocks mounted an encouraging if tenuous rally.

Past performance is no guarantee of future results. Returns are historical and are calculated by determining the percentage change in net asset value or share price (as applicable) with all distributions reinvested. The Fund's performance at share price will differ from its results at NAV. Although share price performance generally reflects investment results over time, during shorter periods, returns at share price can also be affected by factors such as changing perceptions about the Fund, market conditions, fluctuations in supply and demand for the Fund's shares, or changes in Fund distributions. The Fund has no current intention to utilize leverage, but may do so in the future through borrowings and/or other permitted methods. Investment return and principal value will fluctuate so that shares, when sold, may be worth more or less than their original cost. Performance is for the stated time period only; due to market volatility, the Fund's current performance may be lower or higher than the quoted return. For performance as of the most recent month end, please refer to www.eatonvance.com.

Fund shares are not insured by the FDIC and are not deposits or other obligations of, or guaranteed by, any depository institution. Shares are subject to investment risks, including possible loss of principal invested.

Management Discussion

The Fund is a closed-end fund and trades on the New York Stock Exchange (NYSE) under the symbol EOI. The Fund's primary investment objective is to provide current income, with a secondary objective of capital appreciation. The Fund pursues its investment objectives by investing primarily in large- and mid-capitalization common stocks, seeking to invest primarily in companies with above-average growth and financial strength. Under normal market conditions, the Fund will seek to generate current earnings from option premiums by selling covered options on a substantial portion of its portfolio securities. For the six months that ended March 31, 2009, the Fund continued to provide shareholders with relatively attractive monthly distributions.

At net asset value (NAV), the Fund outperformed the S&P 500 Index and modestly underperformed the CBOE S&P 500 BuyWrite Index for the six months that ended March 31, 2009, a period characterized by record levels of market volatility. As of March 31, 2009, the discount to NAV was -11.33%.

Eaton Vance Enhanced Equity Income Fund

Total Return Performance 9/30/08 3/31/09

NYSE Symbol

	EOI
At Net Asset Value (NAV)	-24.50%
At Share Price	-17.07%
S&P 500 Index ¹	-30.52%
CBOE S&P 500 BuyWrite Index ¹	-23.10%
Lipper Options Arbitrage/Options Strategies Average ¹	-24.72%
Premium/(Discount) to NAV	-11.33%
Total Distributions per share	\$ 0.822
Distribution Rate ²	14.22%
	<i>At NAV</i>
	<i>At Share Price</i>
	16.04%

See page 3 for more performance information.

¹ It is not possible to invest directly in an Index or a Lipper Classification. The Indices' total returns do not reflect commissions or expenses that would have been incurred if an investor individually purchased or sold the securities represented in the Indices. The Lipper total return is the average total return, at net asset value, of the funds that are in the same Lipper Classification as the Fund.

² The Distribution Rate is based on the Fund's most recent monthly distribution per share (annualized) divided by the Fund's NAV

or share price at the
end of the period.
The Fund's monthly
distributions may be
comprised of
ordinary income, net
realized capital gains
and return of capital.

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Eaton Vance Enhanced Equity Income Fund as of March 31, 2009

INVESTMENT UPDATE

Among the Fund's common stock holdings, its largest sector weightings at the end of the six-month period were information technology, health care, energy, consumer staples and industrials. The Fund's performance, relative to the S&P 500 Index, was boosted by security selection among financials and materials stocks. In particular, commercial banks, metals and mining, and diversified financial services contributed positively to overall performance. The Fund's selection in the energy, health care and utilities sectors detracted from performance.

As of March 31, 2009, the Fund had written call options on approximately 47% of its equity holdings. The Fund seeks to generate current earnings from option premiums by selling covered call options on a substantial portion of its portfolio securities. Option premiums can vary with investors' expectations of the future volatility (implied volatility) of the underlying assets. The six-month period that ended March 31, 2009, witnessed continued high levels of implied volatility in concert with a significant level of actual volatility in the equity markets. The Fund was able to monetize some of this volatility in the form of higher premiums, which provided a positive benefit to the Fund. Of course, in future periods of strong market growth, this strategy may lessen returns relative to the market.

Effective July 1, 2008, Michael A. Allison assumed co-portfolio management responsibilities for the Fund.

Mr. Allison joined Eaton Vance Management (Eaton Vance) in 2000, and is a Vice President of Eaton Vance.

Mr. Allison manages other Eaton Vance funds and is a member of Eaton Vance's Equity Strategy Committee.

The views expressed throughout this report are those of the portfolio managers and are current only through the end of the period of the report as stated on the cover. These views are subject to change at any time based upon market or other conditions, and the investment adviser disclaims any responsibility to update such views. These views may not be relied on as investment advice and, because investment decisions for a fund are based on many factors, may not be relied on as an indication of trading intent on behalf of any Eaton Vance fund. Portfolio information provided in the report may not be representative of the Fund's current or future investments and may change due to active management.

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Eaton Vance Enhanced Equity Income Fund as of March 31, 2009

FUND PERFORMANCE**Fund Performance**

NYSE Symbol:	EOI
Average Annual Total Returns (at share price, New York Stock Exchange)	
Six Months	-17.07%
One Year	-32.73
Life of Fund (10/29/04)	-4.83
Average Annual Total Returns (at net asset value)	
Six Months	-24.50%
One Year	-30.16
Life of Fund (10/29/04)	-2.21

Past performance is no guarantee of future results. Returns are historical and are calculated by determining the percentage change in net asset value or share price (as applicable) with all distributions reinvested. The Fund's performance at share price will differ from its results at NAV. Although share price performance generally reflects investment results over time, during shorter periods, returns at share price can also be affected by factors such as changing perceptions about the Fund, market conditions, fluctuations in supply and demand for the Fund's shares, or changes in Fund distributions. The Fund has no current intention to utilize leverage, but may do so in the future through borrowings and/or other permitted methods. Investment return and principal value will fluctuate so that shares, when sold, may be worth more or less than their original cost. Performance is for the stated time period only; due to market volatility, the Fund's current performance may be lower or higher than the quoted return. For performance as of the most recent month end, please refer to www.eatonvance.com.

Fund Composition**Top Ten Holdings¹**

By total investments

Exxon Mobil Corp.	4.1%
International Business Machines Corp.	2.4
Chevron Corp.	2.3
Goldcorp, Inc.	2.1
Johnson & Johnson	2.1
McDonald's Corp.	2.1
Microsoft Corp.	1.9
Cisco Systems, Inc.	1.9
Comcast Corp., Class A	1.9
PepsiCo, Inc.	1.8

¹ Top Ten Holdings represented 22.6% of the Fund's total investments as of 3/31/09. The

Top Ten Holdings are presented without the offsetting effect of the Fund's written option positions at 3/31/09.

Excludes cash equivalents.

Sector Weightings²

By total investments

² Reflects the Fund's total investments as of 3/31/09. Sector Weightings are presented without the offsetting effect of the Fund's written option positions at 3/31/09. Excludes cash equivalents.

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Eaton Vance Enhanced Equity Income Fund as of March 31, 2009

PORTFOLIO OF INVESTMENTS (Unaudited)

Common Stocks⁽¹⁾ 99.6%

Security	Shares	Value
Aerospace & Defense 3.0%		
Alliant Techsystems, Inc. ⁽²⁾	15,266	\$ 1,022,517
General Dynamics Corp.	82,801	3,443,694
Lockheed Martin Corp.	63,794	4,403,700
Raytheon Co.	81,034	3,155,464
United Technologies Corp.	43,549	1,871,736
		\$ 13,897,111
Beverages 2.8%		
Coca-Cola Co. (The)	96,827	\$ 4,255,547
PepsiCo, Inc.	170,848	8,795,255
		\$ 13,050,802
Biotechnology 2.9%		
Amgen, Inc. ⁽²⁾	56,962	\$ 2,820,758
Biogen Idec, Inc. ⁽²⁾	78,047	4,091,224
Celgene Corp. ⁽²⁾	36,571	1,623,752
Genzyme Corp. ⁽²⁾	48,482	2,879,346
Gilead Sciences, Inc. ⁽²⁾	38,143	1,766,784
		\$ 13,181,864

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Capital Markets 2.3%

Goldman Sachs Group, Inc.	34,098	\$ 3,615,070
Northern Trust Corp.	82,936	4,961,232
State Street Corp.	72,831	2,241,738
		\$ 10,818,040

Chemicals 1.7%

Air Products and Chemicals, Inc.	41,085	\$ 2,311,031
Ecolab, Inc.	69,082	2,399,218
Monsanto Co.	37,287	3,098,550
		\$ 7,808,799

Commercial Services & Supplies 0.9%

Waste Management, Inc.	168,921	\$ 4,324,378
		\$ 4,324,378

Communications Equipment 3.8%

Cisco Systems, Inc. ⁽²⁾	537,814	\$ 9,019,141
QUALCOMM, Inc.	145,593	5,665,024
Riverbed Technology, Inc. ⁽²⁾	197,865	2,588,074
		\$ 17,272,239

Computers & Peripherals 5.7%

Apple, Inc. ⁽²⁾	56,018	\$ 5,888,612
Hewlett-Packard Co.	273,406	8,765,396
International Business Machines Corp.	119,382	11,566,922

\$ 26,220,930

Construction & Engineering 0.4%

Granite Construction, Inc. 47,230 \$ 1,770,180

\$ 1,770,180

Consumer Finance 0.3%

Discover Financial Services 197,543 \$ 1,246,496

\$ 1,246,496

Diversified Financial Services 1.6%

JPMorgan Chase & Co. 278,629 \$ 7,405,959

\$ 7,405,959

Diversified Telecommunication Services 3.1%

AT&T, Inc. 336,921 \$ 8,490,409

Verizon Communications, Inc. 191,391 5,780,008

\$ 14,270,417

Electric Utilities 1.9%

E.ON AG ADR 112,174 \$ 3,104,976

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Edison International	104,787	3,018,913
FirstEnergy Corp.	68,787	2,655,178
		\$ 8,779,067

Electrical Equipment 1.5%

Cooper Industries, Ltd., Class A	56,705	\$ 1,466,391
Emerson Electric Co.	143,092	4,089,569
Vestas Wind Systems A/S ⁽²⁾	32,942	1,447,148
		\$ 7,003,108

See notes to financial statements

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Eaton Vance Enhanced Equity Income Fund as of March 31, 2009

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

Security	Shares	Value
Electronic Equipment, Instruments & Components	0.4%	
Agilent Technologies, Inc. ⁽²⁾	111,178	\$ 1,708,806
		\$ 1,708,806
Energy Equipment & Services	0.8%	
Diamond Offshore Drilling, Inc.	55,533	\$ 3,490,804
		\$ 3,490,804
Food & Staples Retailing	4.5%	
CVS Caremark Corp.	186,401	\$ 5,124,164
Kroger Co. (The)	104,691	2,221,543
Safeway, Inc.	127,970	2,583,714
Sysco Corp.	83,247	1,898,032
Wal-Mart Stores, Inc.	167,801	8,742,432
		\$ 20,569,885
Food Products	1.1%	
Nestle SA ADR	150,302	\$ 5,042,632

\$ 5,042,632

Health Care Equipment & Supplies 3.7%

Baxter International, Inc.	67,085	\$ 3,436,094
Becton, Dickinson and Co.	27,427	1,844,192
Boston Scientific Corp. ⁽²⁾	254,004	2,019,332
Covidien, Ltd.	51,432	1,709,600
HeartWare International, Inc. ⁽²⁾	3,145,346	2,121,503
Medtronic, Inc.	88,252	2,600,786
Thoratec Corp. ⁽²⁾	124,552	3,199,741

\$ 16,931,248

Health Care Providers & Services 1.4%

Aetna, Inc.	69,465	\$ 1,690,083
DaVita, Inc. ⁽²⁾	42,012	1,846,427
Fresenius Medical Care AG & Co. KGaA ADR	29,630	1,146,681
UnitedHealth Group, Inc.	82,366	1,723,920

\$ 6,407,111

Hotels, Restaurants & Leisure 2.1%

McDonald's Corp.	179,692	\$ 9,805,792
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\$ 9,805,792

Household Products 2.6%

Clorox Co.	43,076	\$ 2,217,552
Colgate-Palmolive Co.	79,610	4,695,398
Procter & Gamble Co.	105,571	4,971,338

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\$ 11,884,288

Independent Power Producers & Energy Traders 0.4%

NRG Energy, Inc.⁽²⁾ 101,605 \$ 1,788,248

\$ 1,788,248

Industrial Conglomerates 1.2%

3M Co. 41,145 \$ 2,045,729

General Electric Co. 354,408 3,583,065

\$ 5,628,794

Insurance 3.4%

ACE, Ltd. 85,032 \$ 3,435,293

Chubb Corp. 120,769 5,110,944

MetLife, Inc. 98,219 2,236,447

Travelers Companies, Inc. (The) 121,823 4,950,887

\$ 15,733,571

Internet Software & Services 1.6%

Akamai Technologies, Inc.⁽²⁾ 108,909 \$ 2,112,835

Google, Inc., Class A⁽²⁾ 14,646 5,097,687

\$ 7,210,522

IT Services 1.5%

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Accenture, Ltd., Class A	58,263	\$	1,601,650
MasterCard, Inc., Class A	22,625		3,789,235
Visa, Inc., Class A	23,650		1,314,940

\$ 6,705,825

Life Sciences Tools & Services 1.1%

Thermo Fisher Scientific, Inc. ⁽²⁾	137,888	\$	4,918,465
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\$ 4,918,465

Machinery 2.0%

Danaher Corp.	88,767	\$	4,812,947
Illinois Tool Works, Inc.	146,108		4,507,432

\$ 9,320,379

See notes to financial statements

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PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

Security	Shares	Value
Media 2.9%		
Comcast Corp., Class A	652,999	\$ 8,906,906
Time Warner Cable, Inc.	42,376	1,050,927
Time Warner, Inc.	168,822	3,258,271
		\$ 13,216,104
Metals & Mining 3.6%		
BHP Billiton, Ltd. ADR	95,463	\$ 4,257,650
Goldcorp, Inc.	306,224	10,203,384
Nucor Corp.	50,964	1,945,296
		\$ 16,406,330
Multiline Retail 0.3%		
Target Corp.	43,453	\$ 1,494,349
		\$ 1,494,349
Multi-Utilities 0.9%		
Public Service Enterprise Group, Inc.	140,815	\$ 4,149,818

\$ 4,149,818

Oil, Gas & Consumable Fuels 13.0%

Anadarko Petroleum Corp.	115,541	\$ 4,493,390
Chevron Corp.	163,414	10,987,957
ConocoPhillips	98,873	3,871,867
Exxon Mobil Corp.	288,535	19,649,234
Hess Corp.	66,577	3,608,473
Occidental Petroleum Corp.	112,340	6,251,721
Peabody Energy Corp.	52,573	1,316,428
Southwestern Energy Co. ⁽²⁾	42,600	1,264,794
Total SA ADR	94,849	4,653,292
XTO Energy, Inc.	123,381	3,777,926

\$ 59,875,082

Personal Products 0.5%

Chattem, Inc. ⁽²⁾	38,827	\$ 2,176,253
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\$ 2,176,253

Pharmaceuticals 7.4%

Abbott Laboratories	121,879	\$ 5,813,628
Bristol-Myers Squibb Co.	166,734	3,654,809
Johnson & Johnson	195,549	10,285,877
Merck & Co., Inc.	197,628	5,286,549
Pfizer, Inc.	314,275	4,280,426
Roche Holding AG	13,101	1,798,114
Shire PLC, ADR	33,630	1,208,662
Wyeth	34,327	1,477,434

\$ 33,805,499

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Real Estate Investment Trusts (REITs) 0.7%

AvalonBay Communities, Inc.	29,679	\$	1,396,694
Boston Properties, Inc.	25,593		896,523
Simon Property Group, Inc.	24,145		836,383
		\$	3,129,600

Semiconductors & Semiconductor Equipment 1.4%

ASML Holding NV	195,879	\$	3,429,841
Broadcom Corp., Class A ⁽²⁾	149,436		2,985,731
		\$	6,415,572

Software 3.6%

McAfee, Inc. ⁽²⁾	66,412	\$	2,224,802
Microsoft Corp.	492,038		9,038,738
Oracle Corp. ⁽²⁾	288,514		5,213,448
		\$	16,476,988

Specialty Retail 3.5%

Best Buy Co., Inc.	111,359	\$	4,227,188
Home Depot, Inc.	211,235		4,976,697
Staples, Inc.	301,409		5,458,517
TJX Companies., Inc. (The)	57,984		1,486,710
		\$	16,149,112

Tobacco 1.8%

Philip Morris International, Inc.	230,897	\$	8,215,315
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\$ 8,215,315

Wireless Telecommunication Services 0.3%

Rogers Communications, Inc., Class B 67,062 \$ 1,531,025

\$ 1,531,025

Total Common Stocks
(identified cost \$612,848,109)

\$ 457,236,807

See notes to financial statements

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Eaton Vance Enhanced Equity Income Fund as of March 31, 2009

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

Short-Term Investments 4.8%

Description	Interest (000 s omitted)	Value
Cash Management Portfolio, 1.12% ⁽³⁾	\$ 22,163	\$ 22,162,997
Total Short-Term Investments (identified cost \$22,162,997)		\$ 22,162,997
Total Investments 104.4% (identified cost \$635,011,106)		\$ 479,399,804

Covered Call Options Written (3.5)%

Security	Number of Contracts	Strike Price	Expiration Date	Value
3M Co.	200	\$ 50.00	7/18/09	\$ (88,000)
Abbott Laboratories	540	55.00	5/16/09	(18,900)
Accenture, Ltd., Class A	370	35.00	5/16/09	(5,550)
ACE, Ltd.	525	45.00	5/16/09	(68,250)
Aetna, Inc.	250	30.00	4/18/09	(4,375)
Agilent Technologies, Inc.	580	15.00	5/16/09	(87,000)
Air Products and Chemicals, Inc.	315	55.00	6/20/09	(176,400)
Akamai Technologies, Inc.	235	17.50	5/16/09	(70,500)
Alliant Techsystems, Inc.	70	80.00	5/16/09	(1,050)
Amgen, Inc.	380	57.50	4/18/09	(5,700)
	675	40.00	5/16/09	(222,750)

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Anadarko Petroleum Corp.				
Apple, Inc.	210	100.00	4/18/09	(154,350)
ASML Holding NV	835	17.50	4/18/09	(103,540)
AT&T, Inc.	1,835	25.00	7/18/09	(378,010)
AvalonBay Communities, Inc.	145	50.00	7/18/09	(77,430)
Baxter International, Inc.	215	55.00	5/16/09	(29,025)
Becton, Dickinson and Co.	100	65.00	6/20/09	(58,000)
Best Buy Co., Inc.	675	32.50	6/20/09	(472,500)
BHP Billiton, Ltd. ADR	505	40.00	5/16/09	(348,955)
Biogen Idec, Inc.	480	50.00	4/18/09	(182,400)
Boston Properties, Inc.	60	55.00	4/18/09	(300)
Boston Scientific Corp.	1,755	10.00	5/16/09	(35,100)
Bristol-Myers Squibb Co.	1,165	25.00	6/20/09	(50,095)
Broadcom Corp., Class A	660	19.00	5/16/09	(174,900)
Celgene Corp.	215	50.00	7/18/09	(61,275)
Chattem, Inc.	165	60.00	6/20/09	(57,750)
Chevron Corp.	860	65.00	6/20/09	(602,000)
Chubb Corp.	715	45.00	4/18/09	(50,765)
Cisco Systems, Inc.	2,340	16.00	7/18/09	(486,720)
Clorox Co.	175	50.00	7/18/09	(75,250)
Coca-Cola Co. (The)	365	42.50	5/16/09	(105,120)
Colgate-Palmolive Co.	565	65.00	5/16/09	(31,075)
Comcast Corp., Class A	3,425	15.00	7/18/09	(376,750)
ConocoPhillips	425	50.00	5/16/09	(10,625)
Cooper Industries, Ltd., Class A	75	22.50	4/18/09	(28,125)
Covidien, Ltd.	320	35.00	7/18/09	(72,000)
CVS Caremark Corp.	1,135	30.00	5/16/09	(81,720)
Danaher Corp.	350	55.00	6/20/09	(133,000)
DaVita, Inc.	205	50.00	4/18/09	(4,100)
Diamond Offshore Drilling, Inc.	315	65.00	6/20/09	(207,900)
Discover Financial Services	1,450	7.50	7/18/09	(130,500)
Ecolab, Inc.	190	35.00	4/18/09	(18,050)
Edison International	360	30.00	7/18/09	(73,800)
Emerson Electric Co.	670	30.00	6/20/09	(140,700)
Exxon Mobil Corp.	1,745	70.00	7/18/09	(820,150)
FirstEnergy Corp.	215	40.00	7/18/09	(58,588)
General Dynamics Corp.	255	40.00	5/16/09	(87,975)
General Electric Co.	1,640	12.00	6/20/09	(108,240)
Genzyme Corp.	370	60.00	7/18/09	(226,070)
Gilead Sciences, Inc.	275	50.00	5/16/09	(42,075)
Goldman Sachs Group, Inc.	45	95.00	4/18/09	(65,700)
Google, Inc., Class A	60	330.00	6/20/09	(239,580)
Granite Construction, Inc.	285	40.00	6/20/09	(91,200)
Hess Corp.	485	55.00	5/16/09	(242,500)

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Hewlett-Packard Co.	1,085	32.50	5/16/09	(222,425)
Home Depot, Inc.	825	22.50	5/16/09	(181,500)
Illinois Tool Works, Inc.	600	30.00	6/20/09	(216,000)
International Business Machines Corp.	280	90.00	4/18/09	(238,000)
Johnson & Johnson	1,245	55.00	7/18/09	(267,675)
JPMorgan Chase & Co.	1,155	22.50	6/20/09	(786,555)
Kroger Co. (The)	740	22.50	7/18/09	(92,500)
Lockheed Martin Corp.	295	70.00	6/20/09	(163,725)
MasterCard, Inc., Class A	90	160.00	4/18/09	(98,100)
McAfee, Inc.	664	35.00	6/20/09	(159,360)
McDonald's Corp.	855	55.00	6/20/09	(273,600)
Medtronic, Inc.	150	35.00	5/16/09	(6,000)
Merck & Co., Inc.	1,255	27.50	7/18/09	(301,200)
MetLife, Inc.	510	25.00	6/20/09	(198,900)
Microsoft Corp.	2,570	17.00	7/18/09	(706,750)
Monsanto Co.	155	75.00	4/18/09	(156,550)
Northern Trust Corp.	610	65.00	4/18/09	(94,550)
Nucor Corp.	140	42.50	4/18/09	(14,700)
Occidental Petroleum Corp.	625	55.00	5/16/09	(381,250)
Oracle Corp.	2,115	18.00	6/20/09	(306,675)
Peabody Energy Corp.	315	25.00	6/20/09	(113,400)
PepsiCo, Inc.	745	50.00	7/18/09	(316,625)
Pfizer, Inc.	1,435	15.00	6/20/09	(61,705)
Philip Morris International, Inc.	895	40.00	6/20/09	(71,600)
Procter & Gamble Co.	315	50.00	7/18/09	(66,150)
Public Service Enterprise Group, Inc.	520	30.00	6/20/09	(102,700)
QUALCOMM, Inc.	650	37.50	4/18/09	(142,350)
Raytheon Co.	195	35.00	5/16/09	(87,750)
Riverbed Technology, Inc.	1,978	15.00	6/20/09	(217,580)

See notes to financial statements

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Eaton Vance Enhanced Equity Income Fund as of March 31, 2009

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

Security	Number of Contracts	Strike Price	Expiration Date	Value
Safeway, Inc.	530	\$ 20.00	6/20/09	\$ (108,650)
Shire PLC, ADR	125	37.50	7/18/09	(36,250)
Simon Property Group, Inc.	200	40.00	4/18/09	(17,000)
Southwestern Energy Co.	426	35.00	6/20/09	(83,070)
Staples, Inc.	2,200	17.50	6/20/09	(478,500)
State Street Corp.	485	30.00	5/16/09	(257,050)
Thermo Fisher Scientific, Inc.	415	35.00	6/20/09	(141,100)
Time Warner, Inc.	2,980	9.00	7/18/09	(275,650)
Total SA ADR	540	50.00	5/16/09	(153,900)
Travelers Companies, Inc. (The)	730	40.00	4/18/09	(146,000)
United Technologies Corp.	290	45.00	5/16/09	(60,900)
UnitedHealth Group, Inc.	575	22.00	6/20/09	(123,625)
Verizon Communications, Inc.	510	30.00	4/18/09	(45,900)
Wal-Mart Stores, Inc.	1,130	50.00	6/20/09	(498,330)
Waste Management, Inc.	515	25.00	7/18/09	(123,600)
Wyeth	255	42.50	4/18/09	(26,775)
XTO Energy, Inc.	535	35.00	5/16/09	(64,200)
Total Covered Call Options Written (premiums received \$15,531,733)				\$ (16,228,758)
Other Assets, Less Liabilities (0.9)%				\$ (3,996,572)
Net Assets 100.0%				\$ 459,174,474

ADR - American Depository Receipt

- (1) A portion of each applicable common stock for which a written call option is outstanding at March 31, 2009 has been segregated as collateral for such written option.
- (2) Non-income producing security.
- (3) Affiliated investment company available to Eaton Vance portfolios and funds which invests in high quality, U.S. dollar denominated money market instruments. The rate shown is the annualized seven-day yield as of March 31, 2009.

See notes to financial statements

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Eaton Vance Enhanced Equity Income Fund as of March 31, 2009

FINANCIAL STATEMENTS (Unaudited)

Statement of Assets and Liabilities

As of March 31, 2009

Assets

Unaffiliated investments, at value (identified cost, \$612,848,109)	\$ 457,236,807
Affiliated investment, at value (identified cost, \$22,162,997)	22,162,997
Receivable for investments sold	137,072
Dividends receivable	1,042,997
Interest receivable from affiliated investment	1,821
Tax reclaims receivable	45,312

Total assets	\$ 480,627,006
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Liabilities

Written options outstanding, at value (premiums received, \$15,531,733)	\$ 16,228,758
Payable for investments purchased	4,609,124
Payable to affiliate for investment adviser fee	366,006
Accrued expenses	248,644

Total liabilities	\$ 21,452,532
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Net Assets	\$ 459,174,474
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Sources of Net Assets

Common shares, \$0.01 par value, unlimited number of shares authorized, 39,711,336 shares issued and	\$ 397,113
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Total expenses	\$ 2,849,553
Net investment income	\$ 3,283,054
Realized and Unrealized Gain (Loss)	
Net realized gain (loss)	
Investment transactions (identified cost basis)	\$ (118,139,455)
Written options	33,900,605
Foreign currency transactions	(18,869)
Net realized loss	\$ (84,257,719)
Change in unrealized appreciation (depreciation)	
Investments (identified cost basis)	\$ (74,752,566)
Written options	(7,316,739)
Foreign currency	337
Net change in unrealized appreciation (depreciation)	\$ (82,068,968)
Net realized and unrealized loss	\$ (166,326,687)
Net decrease in net assets from operations	\$ (163,043,633)

See notes to financial statements

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Eaton Vance Enhanced Equity Income Fund as of March 31, 2009

FINANCIAL STATEMENTS CONT D

Statements of Changes in Net Assets

Increase (Decrease) in Net Assets	Six Months Ended March 31, 2009 (Unaudited)	Year Ended September 30, 2008
From operations		
Net investment income	\$ 3,283,054	\$ 6,044,899
Net realized gain (loss) from investment transactions, written options and foreign currency transactions	(84,257,719)	11,403,690
Net change in unrealized appreciation (depreciation) of investments, written options and foreign currency	(82,068,968)	(130,698,989)
Net decrease in net assets from operations	\$ (163,043,633)	\$ (113,250,400)
Distributions		
From net investment income	\$ (32,628,374)*	\$ (6,118,228)
From net realized gain		(35,369,458)
Tax return of capital		(28,318,510)
Total distributions to shareholders	\$ (32,628,374)	\$ (69,806,196)
Capital share transactions		
Reinvestment of distributions	\$ 318,824	\$
Total increase in net assets from capital share transactions	\$ 318,824	\$

Net decrease in net assets	\$	(195,353,183)	\$	(183,056,596)
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Net Assets

At beginning of period	\$	654,527,657	\$	837,584,253
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At end of period	\$	459,174,474	\$	654,527,657
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Accumulated undistributed
(distributions in excess of) net
investment income
included in net assets

At end of period	\$	(27,992,429)	\$	1,352,891
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* A portion of the distributions may be deemed a tax return of capital at year-end. See Note 2.

See notes to financial statements

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Eaton Vance Enhanced Equity Income Fund as of March 31, 2009

FINANCIAL STATEMENTS CONT D

Financial Highlights

	Six Months Ended March 31, 2009	Year Ended September 30,			Period Ended September 30, 2005⁽¹⁾
	(Unaudited)	2008	2007	2006	
Net asset value					
Beginning of period	\$ 16.490	\$ 21.110	\$ 19.900	\$ 19.960	\$ 19.100 ⁽²⁾
Income (loss) from operations					
Net investment					
income ⁽³⁾	\$ 0.083	\$ 0.152	\$ 0.080	\$ 0.093	\$ 0.051
Net realized and					
unrealized gain					
(loss)	(4.191)	(3.013)	2.774	1.491	2.061
Total income (loss)					
from operations	\$ (4.108)	\$ (2.861)	\$ 2.854	\$ 1.584	\$ 2.112
Less distributions					
From net investment					
income	\$ (0.822)*	\$ (0.154)	\$ (0.038)	\$ (0.093)	\$ (0.051)
From net realized					
gain		(0.891)	(1.606)	(1.551)	(1.182)
Tax return of capital		(0.714)			
Total distributions	\$ (0.822)	\$ (1.759)	\$ (1.644)	\$ (1.644)	\$ (1.233)

Offering costs charged to paid-in capital⁽³⁾	\$	\$	\$	\$	\$	(0.019)				
Net asset value End of period	\$	11.560	\$	16.490	\$	21.110	\$	19.900	\$	19.960
Market value End of period	\$	10.250	\$	13.310	\$	19.440	\$	20.070	\$	19.890
Total Investment Return on Net Asset Value⁽⁶⁾		(24.50)%⁽¹⁰⁾		(13.54)%		15.04%⁽⁴⁾		8.46%⁽⁵⁾		11.24%⁽⁷⁾⁽¹⁰⁾
Total Investment Return on Market Value⁽⁶⁾		(17.07)%⁽¹⁰⁾		(24.23)%		5.04%		9.77%		10.85%⁽⁷⁾⁽¹⁰⁾

Ratios/Supplemental Data

Net assets, end of period (000 s omitted)	\$	459,174	\$	654,528	\$	837,584	\$	786,478	\$	787,442
Ratios (As a percentage of average daily net assets):										
Expenses before custodian fee reduction ⁽⁹⁾		1.17% ⁽⁸⁾		1.10%		1.08%		1.09%		1.09% ⁽⁸⁾
Net investment income		1.32% ⁽⁸⁾		0.79%		0.39%		0.47%		0.28% ⁽⁸⁾
Portfolio Turnover		28% ⁽¹⁰⁾		117%		195%		84%		84% ⁽¹⁰⁾

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- (1) For the period from the start of business, October 29, 2004, to September 30, 2005.
 - (2) Net asset value at beginning of period reflects the deduction of the sales load of \$0.90 per share paid by the shareholder from the \$20.00 offering price.
 - (3) Computed using average shares outstanding.
 - (4) During the year ended September 30, 2007, the Fund realized a gain on the closing out of a written options position that did not meet investment guidelines. The gain was less than \$0.01 per share and had no effect on total return for the year ended September 30, 2007.
 - (5) During the year ended September 30, 2006, the investment adviser reimbursed the Fund for a net realized loss incurred from the closing out of a written options position that did not meet the Fund's investment guidelines. The reimbursement was less than \$0.01 per share and had no net effect on total return for the year ended September 30, 2006.
 - (6) Returns are historical and are calculated by determining the percentage change in net asset value or market value with all distributions reinvested.
 - (7) Total investment return on net asset value is calculated assuming a purchase at the offering price of \$20.00 less the sales load of \$0.90 per share paid by the shareholder on the first day and a sale at the net asset value on the last day of the period reported with all distributions reinvested. Total investment return on market value is calculated assuming a purchase at the offering price of \$20.00 less the sales load of \$0.90 per share paid by the shareholder on the first day and a sale at the current market price on the last day of the period reported with all distributions reinvested.
 - (8) Annualized.
 - (9) Excludes the effect of custody credits, if any, of less than 0.005%.
 - (10) Not annualized.
- * A portion of the distributions may be deemed a tax return of capital at year-end. See Note 2.

See notes to financial statements

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Eaton Vance Enhanced Equity Income Fund as of March 31, 2009

NOTES TO FINANCIAL STATEMENTS (Unaudited)

1 Significant Accounting Policies

Eaton Vance Enhanced Equity Income Fund (the Fund) is a Massachusetts business trust registered under the Investment Company Act of 1940, as amended (the 1940 Act), as a diversified, closed-end management investment company. The Fund's primary investment objective is to provide current income, with a secondary objective of capital appreciation. The Fund pursues its investment objectives by investing primarily in a portfolio of mid- and large-capitalization common stocks, seeking to invest primarily in companies with above-average growth and financial strength. Under normal market conditions, the Fund seeks to generate current earnings in part by employing an options strategy of writing covered call options with respect to a substantial portion of its portfolio securities.

The following is a summary of significant accounting policies of the Fund. The policies are in conformity with accounting principles generally accepted in the United States of America.

A Investment Valuation Equity securities listed on a U.S. securities exchange generally are valued at the last sale price on the day of valuation or, if no sales took place on such date, at the mean between the closing bid and asked prices therefore on the exchange where such securities are principally traded. Equity securities listed on the NASDAQ Global or Global Select Market generally are valued at the NASDAQ official closing price. Unlisted or listed securities for which closing sales prices or closing quotations are not available are valued at the mean between the latest available bid and asked prices or, in the case of preferred equity securities that are not listed or traded in the over-the-counter market, by an independent pricing service. Exchange-traded options are valued at the last sale price for the day of valuation as quoted on any exchange on which the option is listed or, in the absence of sales on such date, at the mean between the closing bid and asked prices therefore as reported by the Options Price Reporting Authority. Over-the-counter options are valued based on broker quotations, when available and deemed reliable. Short-term debt securities with a remaining maturity of sixty days or less are generally valued at amortized cost, which approximates market value. If short-term debt securities are acquired with a remaining maturity of more than sixty days, they will be valued by a pricing service. Foreign securities and currencies are valued in U.S. dollars, based on foreign currency exchange rate quotations supplied by an independent quotation service. The independent service uses a proprietary model to determine the exchange rate. Inputs to the model include reported trades and implied bid/ask spreads. The daily valuation of exchange-traded foreign securities generally is determined as of the close of trading on the principal exchange on which such securities trade. Events occurring after the close of trading on foreign exchanges may result in adjustments to the valuation of foreign securities to more accurately reflect their fair value as of the close of regular trading on the New York Stock Exchange. When valuing foreign equity securities that meet certain criteria, the Trustees have approved the use of a fair value service that values such securities to reflect market trading that occurs after the close of the applicable foreign markets of comparable securities or other instruments that have a strong correlation to the fair-valued securities. Investments for which valuations or market quotations are not readily available or are deemed unreliable are valued at fair value using methods determined in good faith by or at the direction of the Trustees of the Fund in a manner that most fairly reflects the security's value, or the amount that the Fund might reasonably expect to receive for the security upon its current sale in the ordinary course. Each such determination is based on a consideration of all relevant factors, which are likely to vary from one pricing context to another. These factors may include, but are not limited to, the type of security, the existence of any contractual restrictions on the security's disposition, the price and extent of public trading in similar securities of the issuer or of comparable companies, quotations or relevant information obtained from broker-dealers or other market participants, information obtained from the issuer, analysts, and/or the appropriate stock exchange (for exchange-traded securities), an analysis of the company's financial condition, and an evaluation of the forces that influence the issuer and the market(s) in which the security is purchased and sold.

The Fund may invest in Cash Management Portfolio (Cash Management), an affiliated investment company managed by Boston Management and Research, a subsidiary of Eaton Vance Management (EVM). Cash Management values its investment securities utilizing the amortized cost valuation technique permitted by Rule 2a-7 of the 1940 Act, pursuant to which Cash Management must comply with certain conditions. This technique involves initially valuing a portfolio security at its cost and thereafter assuming a constant amortization to maturity of any discount or premium. If amortized cost is determined not to approximate fair value, Cash Management may value its investment securities based on available market quotations provided by a pricing service.

B Investment Transactions Investment transactions for financial statement purposes are accounted for on a trade date basis. Realized gains and losses on investments sold are determined on the basis of identified cost.

C Income Dividend income is recorded on the ex-dividend date for dividends received in cash and/or securities. However, if the ex-dividend date has passed, certain dividends from foreign securities are recorded as

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Eaton Vance Enhanced Equity Income Fund as of March 31, 2009

NOTES TO FINANCIAL STATEMENTS (Unaudited) CONT D

the Fund is informed of the ex-dividend date. Withholding taxes on foreign dividends and capital gains have been provided for in accordance with the Fund's understanding of the applicable countries' tax rules and rates. Interest income is recorded on the basis of interest accrued, adjusted for amortization of premium or accretion of discount.

D Federal Taxes The Fund's policy is to comply with the provisions of the Internal Revenue Code applicable to regulated investment companies and to distribute to shareholders each year substantially all of its net investment income, and all or substantially all of its net realized capital gains. Accordingly, no provision for federal income or excise tax is necessary.

At September 30, 2008, the Fund had a net capital loss of \$404,932 attributable to security transactions incurred after October 31, 2007. This net capital loss is treated as arising on the first day of the Fund's taxable year ending September 30, 2009.

As of March 31, 2009, the Fund had no uncertain tax positions that would require financial statement recognition, de-recognition, or disclosure. Each of the Fund's federal tax returns filed in the 3-year period ended September 30, 2008 remains subject to examination by the Internal Revenue Service.

E Expense Reduction State Street Bank and Trust Company (SSBT) serves as custodian of the Fund. Pursuant to the custodian agreement, SSBT receives a fee reduced by credits, which are determined based on the average daily cash balance the Fund maintains with SSBT. All credit balances, if any, used to reduce the Fund's custodian fees are reported as a reduction of expenses in the Statement of Operations.

F Foreign Currency Translation Investment valuations, other assets, and liabilities initially expressed in foreign currencies are translated each business day into U.S. dollars based upon current exchange rates. Purchases and sales of foreign investment securities and income and expenses denominated in foreign currencies are translated into U.S. dollars based upon currency exchange rates in effect on the respective dates of such transactions. Recognized gains or losses on investment transactions attributable to changes in foreign currency exchange rates are recorded for financial statement purposes as net realized gains and losses on investments. That portion of unrealized gains and losses on investments that results from fluctuations in foreign currency exchange rates is not separately disclosed.

G Use of Estimates The preparation of the financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements and the reported amounts of income and expense during the reporting period. Actual results could differ from those estimates.

H Indemnifications Under the Fund's organizational documents, its officers and Trustees may be indemnified against certain liabilities and expenses arising out of the performance of their duties to the Fund, and shareholders are indemnified against personal liability for the obligations of the Fund. Additionally, in the normal course of business, the Fund enters into agreements with service providers that may contain indemnification clauses. The Fund's maximum exposure under these arrangements is unknown as this would involve future claims that may be made against the Fund that have not yet occurred.

I Written Options Upon the writing of a call or a put option, the premium received by the Fund is included in the Statement of Assets and Liabilities as a liability. The amount of the liability is subsequently marked-to-market to

reflect the current market value of the option written, in accordance with the Fund's policies on investment valuations discussed above. Premiums received from writing options which expire are treated as realized gains. Premiums received from writing options which are exercised or are closed are added to or offset against the proceeds or amount paid on the transaction to determine the realized gain or loss. If a put option on a security is exercised, the premium reduces the cost basis of the securities purchased by the Fund. The Fund, as a writer of an option, may have no control over whether the underlying securities or other assets may be sold (call) or purchased (put) and, as a result, bears the market risk of an unfavorable change in the price of the securities or other assets underlying the written option. The Fund may also bear the risk of not being able to enter into a closing transaction if a liquid secondary market does not exist.

J Interim Financial Statements

The interim financial statements relating to March 31, 2009 and for the six months then ended have not been audited by an independent registered public accounting firm, but in the opinion of the Fund's management, reflect all adjustments, consisting only of normal recurring adjustments, necessary for the fair presentation of the financial statements.

2 Distributions to Shareholders

Subject to its Managed Distribution Plan, the Fund intends to make monthly distributions from its cash available for distribution, which consists of the Fund's dividends and interest income after payment of Fund expenses, net option premiums and net realized and unrealized gains on stock investments. The Fund intends to distribute all or substantially all of its net realized capital gains, if any.

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Eaton Vance Enhanced Equity Income Fund as of March 31, 2009

NOTES TO FINANCIAL STATEMENTS (Unaudited) CONT D

Distributions are recorded on the ex-dividend date. The Fund distinguishes between distributions on a tax basis and a financial reporting basis. Accounting principles generally accepted in the United States of America require that only distributions in excess of tax basis earnings and profits be reported in the financial statements as a return of capital. Permanent differences between book and tax accounting relating to distributions are reclassified to paid-in capital. For tax purposes, distributions from short-term capital gains are considered to be from ordinary income. Distributions in any year may include a substantial return of capital component. For the six months ended March 31, 2009, the amount of distributions estimated to be a tax return of capital was approximately \$29,190,000. The final determination of tax characteristics of the Fund's distributions will occur at the end of the year, at which time it will be reported to the shareholders.

3 Investment Adviser Fee and Other Transactions with Affiliates

The investment adviser fee is earned by EVM as compensation for management and investment advisory services rendered to the Fund. The fee is computed at an annual rate of 1.00% of the Fund's average daily gross assets and is payable monthly. Gross assets as referred to herein represent net assets plus obligations attributable to investment leverage, if any. The portion of the adviser fee payable by Cash Management on the Fund's investment of cash therein is credited against the Fund's adviser fee. For the six months ended March 31, 2009, the Fund's adviser fee totaled \$2,488,877 of which \$61,056 was allocated from Cash Management and \$2,427,821 was paid or accrued directly by the Fund. Pursuant to a sub-advisory agreement, EVM has delegated the investment management of the Fund's options strategy to Rampart Investment Management Company, Inc. (Rampart). EVM pays Rampart a portion of its adviser fee for sub-advisory services provided to the Fund. EVM also serves as administrator of the Fund, but receives no compensation.

During the six months ended March 31, 2009, Rampart reimbursed the Fund \$2,400 for a trading error incurred.

Except for Trustees of the Fund who are not members of EVM's organization, officers and Trustees receive remuneration for their services to the Fund out of the investment adviser fee. Trustees of the Fund who are not affiliated with EVM may elect to defer receipt of all or a percentage of their annual fees in accordance with the terms of the Trustees Deferred Compensation Plan. For the six months ended March 31, 2009, no significant amounts have been deferred. Certain officers and Trustees of the Fund are officers of EVM.

4 Purchases and Sales of Investments

Purchases and sales of investments, other than short-term obligations, aggregated \$185,010,746 and \$141,908,487, respectively, for the six months ended March 31, 2009.

5 Common Shares of Beneficial Interest

The Fund may issue common shares pursuant to its dividend reinvestment plan. Common shares issued pursuant to the Fund's dividend reinvestment plan for the six months ended March 31, 2009 were 26,176. There were no transactions in common shares for the year ended September 30, 2008.

6 Federal Income Tax Basis of Investments

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The cost and unrealized appreciation (depreciation) of investments of the Fund at March 31, 2009, as determined on a federal income tax basis, were as follows:

Aggregate cost	\$ 635,183,381
Gross unrealized appreciation	\$ 5,487,402
Gross unrealized depreciation	(161,270,979)
Net unrealized depreciation	\$ (155,783,577)

7 Financial Instruments

The Fund may trade in financial instruments with off-balance sheet risk in the normal course of its investing activities. These financial instruments may include written options, and may involve, to a varying degree, elements of risk in excess of the amounts recognized for financial statement purposes. The notional or contractual amounts of these instruments represent the investment the Fund has in particular classes of financial instruments and does not necessarily represent the amounts potentially subject to risk. The measurement of the risks associated with these instruments is meaningful only when all related and offsetting transactions are considered. A summary of written call options at March 31, 2009 is included in the Portfolio of Investments.

Written call options activity for the six months ended March 31, 2009 was as follows:

	Number of Contracts	Premiums Received
Outstanding, beginning of period	71,566	\$ 16,431,873
Options written	152,458	38,717,921
Options terminated in closing purchase transactions	(144,616)	(38,771,515)
Options expired	(11,480)	(846,546)
Outstanding, end of period	67,928	\$ 15,531,733

At March 31, 2009, the Fund had sufficient cash and/or securities to cover commitments under these contracts.

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Eaton Vance Enhanced Equity Income Fund as of March 31, 2009

NOTES TO FINANCIAL STATEMENTS (Unaudited) CONT D

8 Fair Value Measurements

The Fund adopted Financial Accounting Standards Board (FASB) Statement of Financial Accounting Standards No. 157 (FAS 157), Fair Value Measurements, effective October 1, 2008. FAS 157 established a three-tier hierarchy to prioritize the assumptions, referred to as inputs, used in valuation techniques to measure fair value. The three-tier hierarchy of inputs is summarized in the three broad levels listed below.

Level 1 quoted prices in active markets for identical investments

Level 2 other significant observable inputs (including quoted prices for similar investments, interest rates, prepayment speeds, credit risk, etc.)

Level 3 significant unobservable inputs (including a fund's own assumptions in determining the fair value of investments)

The inputs or methodology used for valuing securities are not necessarily an indication of the risk associated with investing in those securities.

At March 31, 2009, the inputs used in valuing the Fund's investments, which are carried at value, were as follows:

	Valuation Inputs	Investments in Securities	Other Financial Instruments*
Level 1	Quoted Prices	\$ 476,154,542	\$ (16,228,758)
Level 2	Other Significant Observable Inputs	3,245,262	
Level 3	Significant Unobservable Inputs		
Total		\$ 479,399,804	\$ (16,228,758)

* Other financial instruments include written call options.

The Fund held no investments or other financial instruments as of September 30, 2008 whose fair value was determined using Level 3 inputs.

9 Recently Issued Accounting Pronouncement

In March 2008, the FASB issued Statement of Financial Accounting Standards No. 161 (FAS 161), Disclosures about Derivative Instruments and Hedging Activities . FAS 161 requires enhanced disclosures about an entity's derivative and hedging activities, including qualitative disclosures about the objectives and strategies for using derivatives, quantitative disclosures about fair value amounts of and gains and losses on derivative instruments, and disclosures about credit-risk related contingent features in derivative instruments. FAS 161 is effective for fiscal years and interim periods beginning after November 15, 2008. Management is currently evaluating the impact the adoption of FAS 161 will have on the Fund's financial statement disclosures.

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Eaton Vance Enhanced Equity Income Fund

DIVIDEND REINVESTMENT PLAN

The Fund offers a dividend reinvestment plan (the Plan) pursuant to which shareholders may elect to have dividends and capital gains distributions automatically reinvested in common shares (the Shares) of the Fund. You may elect to participate in the Plan by completing the Dividend Reinvestment Plan Application form. If you do not participate, you will receive all distributions in cash paid by check mailed directly to you by American Stock Transfer & Trust Company as dividend paying agent. On the distribution payment date, if the net asset value per Share is equal to or less than the market price per Share plus estimated brokerage commissions, then new Shares will be issued. The number of Shares shall be determined by the greater of the net asset value per Share or 95% of the market price. Otherwise, Shares generally will be purchased on the open market by the Plan Agent. Distributions subject to income tax (if any) are taxable whether or not shares are reinvested.

If your shares are in the name of a brokerage firm, bank, or other nominee, you can ask the firm or nominee to participate in the Plan on your behalf. If the nominee does not offer the Plan, you will need to request that your shares be re-registered in your name with the Fund's transfer agent, American Stock Transfer & Trust Company, or you will not be able to participate.

The Plan Agent's service fee for handling distributions will be paid by the Fund. Each participant will be charged their pro rata share of brokerage commissions on all open-market purchases.

Plan participants may withdraw from the Plan at any time by writing to the Plan Agent at the address noted on the following page. If you withdraw, you will receive shares in your name for all Shares credited to your account under the Plan. If a participant elects by written notice to the Plan Agent to have the Plan Agent sell part or all of his or her Shares and remit the proceeds, the Plan Agent is authorized to deduct a \$5.00 fee plus brokerage commissions from the proceeds.

If you wish to participate in the Plan and your shares are held in your own name, you may complete the form on the following page and deliver it to the Plan Agent.

Any inquiries regarding the Plan can be directed to the Plan Agent, American Stock Transfer & Trust Company, at 1-866-439-6787.

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Eaton Vance Enhanced Equity Income Fund

APPLICATION FOR PARTICIPATION IN DIVIDEND REINVESTMENT PLAN

This form is for shareholders who hold their common shares in their own names. If your common shares are held in the name of a brokerage firm, bank, or other nominee, you should contact your nominee to see if it will participate in the Plan on your behalf. If you wish to participate in the Plan, but your brokerage firm, bank, or nominee is unable to participate on your behalf, you should request that your common shares be re-registered in your own name which will enable your participation in the Plan.

The following authorization and appointment is given with the understanding that I may terminate it at any time by terminating my participation in the Plan as provided in the terms and conditions of the Plan.

Please print exact name on account:

Shareholder signature	Date
Shareholder signature	Date

Please sign exactly as your common shares are registered. All persons whose names appear on the share certificate must sign.

YOU SHOULD NOT RETURN THIS FORM IF YOU WISH TO RECEIVE YOUR DISTRIBUTIONS IN CASH. THIS IS NOT A PROXY.

This authorization form, when signed, should be mailed to the following address:

Eaton Vance Enhanced Equity Income Fund
c/o American Stock Transfer & Trust Company
P.O. Box 922
Wall Street Station
New York, NY 10269-0560

Number of Employees

The Fund is organized as a Massachusetts business trust and is registered under the Investment Company Act of 1940, as amended, as a diversified, closed-end management investment company and has no employees.

Number of Shareholders

As of March 31, 2009, our records indicate that there are 115 registered shareholders and approximately 38,521 shareholders owning the Fund shares in street name, such as through brokers, banks, and financial intermediaries.

If you are a street name shareholder and wish to receive our reports directly, which contain important information about the Fund, please write or call:

Eaton Vance Distributors, Inc.
Two International Place
Boston, MA 02110
1-800-262-1122

New York Stock Exchange symbol

The New York Stock Exchange symbol is EOI.

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Eaton Vance Enhanced Equity Income Fund

BOARD OF TRUSTEES ANNUAL APPROVAL OF THE INVESTMENT ADVISORY AGREEMENT

Overview of the Contract Review Process

The Investment Company Act of 1940, as amended (the 1940 Act), provides, in substance, that each investment advisory agreement between a fund and its investment adviser will continue in effect from year to year only if its continuance is approved at least annually by the fund's board of trustees, including by a vote of a majority of the trustees who are not interested persons of the fund (Independent Trustees), cast in person at a meeting called for the purpose of considering such approval.

At a meeting of the Boards of Trustees (each a Board) of the Eaton Vance group of mutual funds (the Eaton Vance Funds) held on April 21, 2008, the Board, including a majority of the Independent Trustees, voted to approve continuation of existing advisory and sub-advisory agreements for the Eaton Vance Funds for an additional one-year period. In voting its approval, the Board relied upon the affirmative recommendation of the Contract Review Committee of the Board (formerly the Special Committee), which is a committee comprised exclusively of Independent Trustees. Prior to making its recommendation, the Contract Review Committee reviewed information furnished for a series of meetings of the Contract Review Committee held in February, March and April 2008. Such information included, among other things, the following:

Information about Fees, Performance and Expenses

- An independent report comparing the advisory and related fees paid by each fund with fees paid by comparable funds;
- An independent report comparing each fund's total expense ratio and its components to comparable funds;
- An independent report comparing the investment performance of each fund to the investment performance of comparable funds over various time periods;
- Data regarding investment performance in comparison to relevant peer groups of funds and appropriate indices;
- Comparative information concerning fees charged by each adviser for managing other mutual funds and institutional accounts using investment strategies and techniques similar to those used in managing the fund;
- Profitability analyses for each adviser with respect to each fund;

Information about Portfolio Management

- Descriptions of the investment management services provided to each fund, including the investment strategies and processes employed; and any changes in portfolio management processes and personnel;
- Information concerning the allocation of brokerage and the benefits received by each adviser as a result of brokerage allocation, including information concerning the acquisition of research through soft dollar benefits received in connection with the funds' brokerage, and the implementation of a soft dollar reimbursement program established with respect to the funds;
- Data relating to portfolio turnover rates of each fund;
- The procedures and processes used to determine the fair value of fund assets and actions taken to monitor and test the effectiveness of such procedures and processes;

Information about each Adviser

- Reports detailing the financial results and condition of each adviser;

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Descriptions of the qualifications, education and experience of the individual investment professionals whose responsibilities include portfolio management and investment research for the funds, and information relating to their compensation and responsibilities with respect to managing other mutual funds and investment accounts;
Copies of the Codes of Ethics of each adviser and its affiliates, together with information relating to compliance with and the administration of such codes;
Copies of or descriptions of each adviser's proxy voting policies and procedures;
Information concerning the resources devoted to compliance efforts undertaken by each adviser and its affiliates on behalf of the funds (including descriptions of various compliance programs) and their record of compliance with investment policies and restrictions, including policies with respect to market-timing, late trading and selective portfolio disclosure, and with policies on personal securities transactions;
Descriptions of the business continuity and disaster recovery plans of each adviser and its affiliates;

Other Relevant Information

Information concerning the nature, cost and character of the administrative and other non-investment management services provided by Eaton Vance Management and its affiliates;
Information concerning management of the relationship with the custodian, subcustodians and fund accountants by each adviser or the funds' administrator; and
The terms of each advisory agreement.

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Eaton Vance Enhanced Equity Income Fund

BOARD OF TRUSTEES ANNUAL APPROVAL OF THE INVESTMENT ADVISORY AGREEMENT CONT D

In addition to the information identified above, the Contract Review Committee considered information provided from time to time by each adviser throughout the year at meetings of the Board and its committees. Over the course of the twelve-month period ended April 30, 2008, the Board met eleven times and the Contract Review Committee, the Audit Committee and the Governance Committee, each of which is a Committee comprised solely of Independent Trustees, met twelve, seven and five times, respectively. At such meetings, the Trustees received, among other things, presentations by the portfolio managers and other investment professionals of each adviser relating to the investment performance of each fund and the investment strategies used in pursuing the fund's investment objective. This Portfolio Management Committee and the Compliance Reports and Regulatory Matters Committee are newly established and did not meet during the twelve-month period ended April 30, 2008.

For funds that invest through one or more underlying portfolios, the Board considered similar information about the portfolio(s) when considering the approval of advisory agreements. In addition, in cases where the fund's investment adviser has engaged a sub-adviser, the Board considered similar information about the sub-adviser when considering the approval of any sub-advisory agreement.

The Contract Review Committee was assisted throughout the contract review process by Goodwin Procter LLP, legal counsel for the Independent Trustees. The members of the Contract Review Committee relied upon the advice of such counsel and their own business judgment in determining the material factors to be considered in evaluating each advisory and sub-advisory agreement and the weight to be given to each such factor. The conclusions reached with respect to each advisory and sub-advisory agreement were based on a comprehensive evaluation of all the information provided and not any single factor. Moreover, each member of the Contract Review Committee may have placed varying emphasis on particular factors in reaching conclusions with respect to each advisory and sub-advisory agreement.

Results of the Process

Based on its consideration of the foregoing, and such other information as it deemed relevant, including the factors and conclusions described below, the Contract Review Committee concluded that the continuance of the investment advisory agreement between the Eaton Vance Enhanced Equity Income Fund (the Fund) and Eaton Vance Management (the Adviser) and the sub-advisory agreement with Rampart Investment Management Company, Inc. (the Sub-adviser), including their fee structures, is in the interests of shareholders and, therefore, the Contract Review Committee recommended to the Board approval of each agreement. The Board accepted the recommendation of the Contract Review Committee as well as the factors considered and conclusions reached by the Contract Review Committee with respect to each agreement. Accordingly, the Board, including a majority of the Independent Trustees, voted to approve continuation of the investment advisory and sub-advisory agreements for the Fund.

Nature, Extent and Quality of Services

In considering whether to approve the investment advisory and sub-advisory agreements of the Fund, the Board evaluated the nature, extent and quality of services provided to the Fund by the Adviser and the Sub-adviser.

The Board considered the Adviser's and the Sub-adviser's management capabilities and investment process with respect to the types of investments held by the Fund, including the education, experience and number of its investment

professionals and other personnel who provide portfolio management, investment research, and similar services to the Fund. In particular, the Board evaluated, where relevant, the abilities and experience of such investment personnel in analyzing factors such as credit risk, tax efficiency, and special considerations relevant to investing in particular foreign markets or industries. Specifically, the Board considered the Adviser's in-house research capabilities as well as other resources available to personnel of the Adviser, including research services. The Board also took into account the resources dedicated to portfolio management and other services, including the compensation paid to recruit and retain investment personnel, and the time and attention devoted to the Fund by senior management. With respect to the Sub-adviser, the Board considered the Sub-adviser's business reputation and its options strategy and its past experience in implementing this strategy. The Board also took into consideration the resources dedicated to portfolio management and other services, including the compensation paid to recruit and retain investment personnel, and the time and attention devoted to the Fund by senior management.

The Board also reviewed the compliance programs of the Adviser and Sub-adviser and relevant affiliates thereof. Among other matters, the Board considered compliance and reporting matters relating to personal trading by investment personnel, selective disclosure of portfolio holdings, late trading, frequent trading, portfolio valuation, business continuity and the allocation of investment opportunities. The Board also evaluated the responses of the Adviser, Sub-adviser and their respective affiliates to requests from regulatory authorities such as the Securities and Exchange Commission.

The Board considered shareholder and other administrative services provided or managed by Eaton Vance Management and its affiliates, including transfer agency and accounting services. The Board evaluated the benefits to shareholders of investing in a fund that is a part of a large family of funds.

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Eaton Vance Enhanced Equity Income Fund

BOARD OF TRUSTEES ANNUAL APPROVAL OF THE INVESTMENT ADVISORY AGREEMENT CONT D

After consideration of the foregoing factors, among others, the Board concluded that the nature, extent and quality of services provided by the Adviser, taken as a whole, are appropriate and consistent with the terms of the respective investment advisory and sub-advisory agreements.

Fund Performance

The Board compared the Fund's investment performance to a relevant universe of similarly managed funds identified by an independent data provider and appropriate benchmark indices. The Board reviewed comparative performance data for the one-year period ended September 30, 2007 for the Fund. On the basis of the foregoing and other relevant information, the Board concluded that the performance of the Fund was satisfactory.

Management Fees and Expenses

The Board reviewed contractual investment advisory fee rates, including any administrative fee rates, payable by the Fund (referred to as "management fees"). As part of its review, the Board considered the Fund's management fee and total expense ratio for the year ended September 30, 2007, as compared to a group of similarly managed funds selected by an independent data provider.

After reviewing the foregoing information, and in light of the nature, extent and quality of the services provided by the Adviser, the Board concluded that the management fee charged to the Fund for advisory and related services and the total expense ratio of the Fund are reasonable.

Profitability

The Board reviewed the level of profits realized by the Adviser and, if applicable, its affiliates in providing investment advisory and administrative services to the Fund and to all Eaton Vance Funds as a group. The Board considered the level of profits realized with and without regard to revenue sharing or other payments by the Adviser and its affiliates to third parties in respect of distribution services. The Board also considered other direct or indirect benefits received by the Adviser in connection with its relationship with the Fund, including the benefits of research services that may be available to the Adviser as a result of securities transactions effected for the Fund and other investment advisory clients. The Board also concluded that, in light of its role as a sub-adviser not affiliated with the Adviser, the Sub-adviser's profitability in managing the Fund was not a material factor.

The Board concluded that, in light of the foregoing factors and the nature, extent and quality of the services rendered, the profits realized by the Adviser and its affiliates are reasonable.

Economies of Scale

In reviewing management fees and profitability, the Board also considered the extent to which the Adviser and its affiliates, on the one hand, and the Fund, on the other hand, can expect to realize benefits from economies of scale as the assets of the Fund increase. The Board acknowledged the difficulty in accurately measuring the benefits resulting from the economies of scale with respect to the management of any specific fund or group of funds. The Board also considered the fact that the Fund is not continuously offered and concluded that, in light of the level of the adviser's profits with respect to the Fund, the implementation of breakpoints in the advisory fee schedule is not appropriate at

this time. Based upon the foregoing, the Board concluded that the benefits from economies of scale are currently being shared equitably by the Adviser and its affiliates and the Fund.

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Eaton Vance Enhanced Equity Income Fund

OFFICERS AND TRUSTEES

Officers

Duncan W. Richardson
President

Michael A. Allison
Vice President

Thomas E. Faust Jr.
Trustee and Vice President

Walter A. Row, III
Vice President

Barbara E. Campbell
Treasurer

Maureen A. Gemma
Secretary and Chief Legal Officer

Paul M. O Neil
Chief Compliance Officer

Trustees

Ralph F. Verni
Chairman

Benjamin C. Esty

Allen R. Freedman

William H. Park

Ronald A. Pearlman

Helen Frame Peters

Heidi L. Steiger

Lynn A. Stout

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IMPORTANT NOTICE ABOUT PRIVACY

The Eaton Vance organization is committed to ensuring your financial privacy. Each of the financial institutions identified below has in effect the following policy (Privacy Policy) with respect to nonpublic personal information about its customers:

Only such information received from you, through application forms or otherwise, and information about your Eaton Vance fund transactions will be collected. This may include information such as name, address, social security number, tax status, account balances and transactions.

None of such information about you (or former customers) will be disclosed to anyone, except as permitted by law (which includes disclosure to employees necessary to service your account). In the normal course of servicing a customer s account, Eaton Vance may share information with unaffiliated third parties that perform various required services such as transfer agents, custodians and broker/dealers.

Policies and procedures (including physical, electronic and procedural safeguards) are in place that are designed to protect the confidentiality of such information.

We reserve the right to change our Privacy Policy at any time upon proper notification to you. Customers may want to review our Policy periodically for changes by accessing the link on our homepage: www.eatonvance.com.

Our pledge of privacy applies to the following entities within the Eaton Vance organization: the Eaton Vance Family of Funds, Eaton Vance Management, Eaton Vance Investment Counsel, Boston Management and Research, and Eaton Vance Distributions, Inc.

In addition, our Privacy Policy only applies to those Eaton Vance customers who are individuals and who have a direct relationship with us. If a customer s account (i.e., fund shares) is held in the name of a third-party financial adviser/broker-dealer, it is likely that only such adviser s privacy policies apply to the customer. This notice supersedes all previously issued privacy disclosures.

For more information about Eaton Vance s Privacy Policy, please call 1-800-262-1122.

**Investment Adviser and Administrator of
Eaton Vance Enhanced Equity Income Fund
Eaton Vance Management**
Two International Place
Boston, MA 02110

**Sub-Adviser of Eaton Vance Enhanced Equity Income Fund
Rampart Investment Management Company, Inc.**
One International Place
Boston, MA 02110

**Custodian
State Street Bank and Trust Company**
200 Clarendon Street
Boston, MA 02116

Transfer Agent
American Stock Transfer & Trust Company
59 Maiden Lane
Plaza Level
New York, NY 10038

Eaton Vance Enhanced Equity Income Fund
Two International Place
Boston, MA 02110

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Item 2. Code of Ethics

The registrant has adopted a code of ethics applicable to its Principal Executive Officer, Principal Financial Officer and Principal Accounting Officer. The registrant undertakes to provide a copy of such code of ethics to any person upon request, without charge, by calling 1-800-262-1122.

Item 3. Audit Committee Financial Expert

The registrant's Board has designated William H. Park, an independent trustee, as its audit committee financial expert. Mr. Park is a certified public accountant who is the Vice Chairman of Commercial Industrial Finance Corp (specialty finance company). Previously, he served as President and Chief Executive Officer of Prizm Capital Management, LLC (investment management firm) and as Executive Vice President and Chief Financial Officer of United Asset Management Corporation (UAM) (a holding company owning institutional investment management firms).

Item 4. Principal Accountant Fees and Services

Not required in this filing

Item 5. Audit Committee of Listed registrants

Not required in this filing.

Item 6. Schedule of Investments

Please see schedule of investments contained in the Report to Stockholders included under Item 1 of this Form N-CSR.

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

The Board of Trustees of the Trust has adopted a proxy voting policy and procedure (the Fund Policy), pursuant to which the Trustees have delegated proxy voting responsibility to the Fund's investment adviser and adopted the investment adviser's proxy voting policies and procedures (the Policies) which are described below. The Trustees will review the Fund's proxy voting records from time to time and will annually consider approving the Policies for the upcoming year. In the event that a conflict of interest arises between the Fund's shareholders and the investment adviser, the administrator, or any of their affiliates or any affiliate of the Fund, the investment adviser will generally refrain from voting the proxies related to the companies giving rise to such conflict until it consults with the Board's Special Committee except as contemplated under the Fund Policy. The Board's Special Committee will instruct the investment adviser on the appropriate course of action.

The Policies are designed to promote accountability of a company's management to its shareholders and to align the interests of management with those shareholders. An independent proxy voting service (Agent), currently Institutional Shareholder Services, Inc., has been retained to assist in the voting of proxies through the provision of vote analysis, implementation and recordkeeping and disclosure services. The investment adviser will generally vote proxies through the Agent. The Agent is required to vote all proxies and/or refer then back to the investment adviser pursuant to the Policies. It is generally the policy of the investment adviser to vote in accordance with the recommendation of the Agent. The Agent shall refer to the investment adviser proxies relating to mergers and restructurings, and the disposition of assets, termination, liquidation and mergers contained in mutual fund proxies. The investment adviser will normally vote against anti-takeover measures and other proposals designed to limit the ability of shareholders to act on possible transactions, except in the case of closed-end management investment companies. The investment adviser generally supports management on social and environmental proposals. The investment adviser may abstain from voting from time to time where

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it determines that the costs associated with voting a proxy outweighs the benefits derived from exercising the right to vote or the economic effect on shareholders interests or the value of the portfolio holding is indeterminable or insignificant.

In addition, the investment adviser will monitor situations that may result in a conflict of interest between the Fund's shareholders and the investment adviser, the administrator, or any of their affiliates or any affiliate of the Fund by maintaining a list of significant existing and prospective corporate clients. The investment adviser's personnel responsible for reviewing and voting proxies on behalf of the Fund will report any proxy received or expected to be received from a company included on that list to the personal of the investment adviser identified in the Policies. If such personnel expects to instruct the Agent to vote such proxies in a manner inconsistent with the guidelines of the Policies or the recommendation of the Agent, the personnel will consult with members of senior management of the investment adviser to determine if a material conflict of interests exists. If it is determined that a material conflict does exist, the investment adviser will seek instruction on how to vote from the Special Committee.

Information on how the Fund voted proxies relating to portfolio securities during the most recent 12 month period ended June 30 is available (1) without charge, upon request, by calling 1-800-262-1122, and (2) on the Securities and Exchange Commission's website at <http://www.sec.gov>.

Item 8. Portfolio Managers of Closed-End Management Investment Companies

Not required in this filing.

Item 9. Purchases of Equity Securities by Closed-End Management Investment Company and Affiliated Purchasers.

No such purchases this period.

Item 10. Submission of Matters to a Vote of Security Holders.

No Material Changes.

Item 11. Controls and Procedures

(a) It is the conclusion of the registrant's principal executive officer and principal financial officer that the effectiveness of the registrant's current disclosure controls and procedures (such disclosure controls and procedures having been evaluated within 90 days of the date of this filing) provide reasonable assurance that the information required to be disclosed by the registrant has been recorded, processed, summarized and reported within the time period specified in the Commission's rules and forms and that the information required to be disclosed by the registrant has been accumulated and communicated to the registrant's principal executive officer and principal financial officer in order to allow timely decisions regarding required disclosure.

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(b) There have been no changes in the registrant's internal controls over financial reporting during the second fiscal quarter 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

- (a)(1) Registrant's Code of Ethics Not applicable (please see Item 2).
 - (a)(2)(i) Treasurer's Section 302 certification.
 - (a)(2)(ii) President's Section 302 certification.
 - (b) Combined Section 906 certification.
 - (c) Registrant's notices to shareholders pursuant to Registrant's exemptive order granting an exemption from Section 19(b) of the 1940 Act and Rule 19b-1 thereunder regarding distributions paid pursuant to the Registrant's Managed Distribution Plan.
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Signatures

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.

Eaton Vance Enhanced Equity Income Fund

By: /s/ Duncan W. Richardson

Duncan W. Richardson
President

Date: May 15, 2009

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/ Barbara E. Campbell

Barbara E. Campbell
Treasurer

Date: May 15, 2009

By: /s/ Duncan W. Richardson

Duncan W. Richardson
President

Date: May 15, 2009