

Eaton Vance Enhanced Equity Income Fund

Form N-Q

February 27, 2009

Table of Contents

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
Form N-Q
QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED
MANAGEMENT INVESTMENT COMPANIES
811-21614
Investment Company Act File Number
Eaton Vance Enhanced Equity Income Fund
(Exact Name of Registrant as Specified in Charter)
The Eaton Vance Building, 255 State Street, Boston, Massachusetts 02109
(Address of Principal Executive Offices)
Maureen A. Gemma
Eaton Vance Management, 255 State Street, Boston, Massachusetts 02109
(Name and Address of Agent for Services)
(617) 482-8260
(Registrant's Telephone Number, Including Area Code)
September 30
Date of Fiscal Year End
December 31, 2008
Date of Reporting Period

TABLE OF CONTENTS

Item 1. Schedule of Investments

Item 2. Controls and Procedures

Signatures

EX-99.CERT Section 302 Certifications

Table of Contents

Item 1. Schedule of Investments

Table of Contents
Eaton Vance Enhanced Equity Income Fund
PORTFOLIO OF INVESTMENTS (Unaudited)
Common Stocks (1) 97.3%

as of December 31, 2008

| Security | Shares | Value |
|-------------------------------------|---------|----------------------|
| Aerospace & Defense 4.2% | | |
| Alliant Techsystems, Inc. (2) | 15,266 | \$ 1,309,212 |
| Boeing Co. (The) | 48,599 | 2,073,719 |
| General Dynamics Corp. | 82,801 | 4,768,510 |
| Lockheed Martin Corp. | 63,794 | 5,363,800 |
| Precision Castparts Corp. | 28,186 | 1,676,503 |
| Raytheon Co. | 81,034 | 4,135,975 |
| United Technologies Corp. | 43,549 | 2,334,226 |
| | | \$ 21,661,945 |
| Auto Components 0.5% | | |
| Johnson Controls, Inc. | 155,634 | \$ 2,826,313 |
| | | \$ 2,826,313 |
| Beverages 2.3% | | |
| Coca-Cola Co. (The) | 96,827 | \$ 4,383,358 |
| PepsiCo, Inc. | 141,663 | 7,758,883 |
| | | \$ 12,142,241 |
| Biotechnology 2.7% | | |
| Amgen, Inc. (2) | 56,962 | \$ 3,289,556 |
| Biogen Idec, Inc. (2) | 49,726 | 2,368,449 |
| Cephalon, Inc. (2) | 30,549 | 2,353,495 |
| Genzyme Corp. (2) | 48,482 | 3,217,750 |
| Gilead Sciences, Inc. (2) | 38,143 | 1,950,633 |
| Onyx Pharmaceuticals, Inc. (2) | 29,897 | 1,021,282 |
| | | \$ 14,201,165 |
| Capital Markets 3.3% | | |
| Bank of New York Mellon Corp. (The) | 282,090 | \$ 7,991,610 |
| Goldman Sachs Group, Inc. | 34,098 | 2,877,530 |
| Julius Baer Holding AG | 43,363 | 1,680,634 |
| T. Rowe Price Group, Inc. | 135,983 | 4,819,238 |
| | | \$ 17,369,012 |
| Chemicals 1.3% | | |
| E.I. Du Pont de Nemours & Co. | 65,639 | \$ 1,660,667 |
| Ecolab, Inc. | 69,082 | 2,428,232 |

Edgar Filing: Eaton Vance Enhanced Equity Income Fund - Form N-Q

| | | |
|--|---------|----------------------|
| Monsanto Co. | 37,287 | 2,623,140 |
| | | \$ 6,712,039 |
| Commercial Banks 1.1% | | |
| East-West Bancorp, Inc. | 121,116 | \$ 1,934,223 |
| Wells Fargo & Co. | 134,834 | 3,974,906 |
| | | \$ 5,909,129 |
| Commercial Services & Supplies 1.1% | | |
| Waste Management, Inc. | 168,921 | \$ 5,598,042 |
| | | \$ 5,598,042 |
| Communications Equipment 3.3% | | |
| Cisco Systems, Inc. (2) | 487,426 | \$ 7,945,044 |
| Juniper Networks, Inc. (2) | 116,792 | 2,045,028 |
| Motorola, Inc. | 291,252 | 1,290,246 |
| QUALCOMM, Inc. | 107,936 | 3,867,347 |
| Riverbed Technology, Inc. (2) | 197,865 | 2,253,682 |
| | | \$ 17,401,347 |

Table of Contents

| Security | Shares | Value |
|--|---------------|----------------------|
| Computers & Peripherals 4.0% | | |
| Apple, Inc. (2) | 56,018 | \$ 4,781,136 |
| Hewlett-Packard Co. | 206,099 | 7,479,333 |
| International Business Machines Corp. | 102,175 | 8,599,048 |
| | | \$ 20,859,517 |
| Construction & Engineering 0.4% | | |
| Granite Construction, Inc. | 47,230 | \$ 2,074,814 |
| | | \$ 2,074,814 |
| Consumer Finance 0.4% | | |
| Discover Financial Services | 197,543 | \$ 1,882,585 |
| | | \$ 1,882,585 |
| Diversified Financial Services 3.0% | | |
| Bank of America Corp. | 345,080 | \$ 4,858,726 |
| Citigroup, Inc. | 267,484 | 1,794,818 |
| JPMorgan Chase & Co. | 278,629 | 8,785,172 |
| | | \$ 15,438,716 |
| Diversified Telecommunication Services 3.1% | | |
| AT&T, Inc. | 336,921 | \$ 9,602,249 |
| Verizon Communications, Inc. | 191,391 | 6,488,155 |
| | | \$ 16,090,404 |
| Electric Utilities 2.2% | | |
| E.ON AG ADR | 112,174 | \$ 4,571,091 |
| Edison International | 104,787 | 3,365,758 |
| FirstEnergy Corp. | 68,787 | 3,341,672 |
| | | \$ 11,278,521 |
| Electrical Equipment 1.7% | | |
| Cooper Industries, Ltd., Class A | 56,705 | \$ 1,657,487 |
| Emerson Electric Co. | 143,092 | 5,238,598 |
| Vestas Wind Systems A/S (2) | 32,942 | 1,938,531 |
| | | \$ 8,834,616 |
| Electronic Equipment, Instruments & Components 0.6% | | |
| Agilent Technologies, Inc. (2) | 111,178 | \$ 1,737,712 |

Edgar Filing: Eaton Vance Enhanced Equity Income Fund - Form N-Q

| | | |
|--|-----------|----------------------|
| IPG Photonics Corp. (2) | 105,128 | 1,385,587 |
| | | \$ 3,123,299 |
| Energy Equipment & Services 1.4% | | |
| Diamond Offshore Drilling, Inc. | 55,533 | \$ 3,273,115 |
| Schlumberger, Ltd. | 96,762 | 4,095,935 |
| | | \$ 7,369,050 |
| Food & Staples Retailing 4.1% | | |
| CVS Caremark Corp. | 186,401 | \$ 5,357,165 |
| Kroger Co. (The) | 57,145 | 1,509,199 |
| Safeway, Inc. | 127,970 | 3,041,847 |
| Sysco Corp. | 83,247 | 1,909,686 |
| Wal-Mart Stores, Inc. | 167,801 | 9,406,924 |
| | | \$ 21,224,821 |
| Food Products 1.7% | | |
| Cadbury PLC ADR | 77,479 | \$ 2,763,676 |
| Nestle SA ADR | 150,302 | 5,966,989 |
| | | \$ 8,730,665 |
| Health Care Equipment & Supplies 3.0% | | |
| Baxter International, Inc. | 67,085 | \$ 3,595,085 |
| Becton, Dickinson & Co. | 27,427 | 1,875,733 |
| Boston Scientific Corp. (2) | 254,004 | 1,965,991 |
| HeartWare, Ltd. (2) | 3,145,346 | 1,315,761 |
| Medtronic, Inc. | 88,252 | 2,772,878 |
| Thoratec Corp. (2) | 124,552 | 4,046,694 |
| | | \$ 15,572,142 |

Table of Contents

| Security | Shares | Value |
|--|---------------|----------------------|
| Health Care Providers & Services 1.5% | | |
| Aetna, Inc. | 69,465 | \$ 1,979,753 |
| DaVita, Inc. (2) | 42,012 | 2,082,535 |
| Fresenius Medical Care AG & Co. KGaA ADR | 29,630 | 1,397,943 |
| UnitedHealth Group, Inc. | 82,366 | 2,190,936 |
| | | \$ 7,651,167 |
| Hotels, Restaurants & Leisure 2.1% | | |
| McDonald's Corp. | 179,692 | \$ 11,175,045 |
| | | \$ 11,175,045 |
| Household Durables 2.2% | | |
| Centex Corp. | 143,187 | \$ 1,523,510 |
| D.R. Horton, Inc. | 238,940 | 1,689,306 |
| KB HOME | 107,914 | 1,469,789 |
| Lennar Corp., Class A | 183,735 | 1,592,982 |
| NVR, Inc. (2) | 2,876 | 1,312,175 |
| Pulte Homes, Inc. | 155,851 | 1,703,451 |
| Ryland Group, Inc. | 30,019 | 530,436 |
| Toll Brothers, Inc. (2) | 77,847 | 1,668,261 |
| | | \$ 11,489,910 |
| Household Products 2.6% | | |
| Clorox Co. | 27,075 | \$ 1,504,287 |
| Colgate-Palmolive Co. | 79,610 | 5,456,469 |
| Procter & Gamble Co. | 105,571 | 6,526,399 |
| | | \$ 13,487,155 |
| Independent Power Producers & Energy Traders 0.3% | | |
| NRG Energy, Inc. (2) | 71,799 | \$ 1,675,071 |
| | | \$ 1,675,071 |
| Industrial Conglomerates 1.6% | | |
| 3M Co. | 41,145 | \$ 2,367,483 |
| General Electric Co. | 354,408 | 5,741,410 |
| | | \$ 8,108,893 |
| Insurance 4.1% | | |
| ACE, Ltd. | 41,803 | \$ 2,212,215 |
| Aflac, Inc. | 59,234 | 2,715,287 |

Edgar Filing: Eaton Vance Enhanced Equity Income Fund - Form N-Q

| | | |
|--|---------|----------------------|
| Chubb Corp. | 120,769 | 6,159,219 |
| HCC Insurance Holdings, Inc. | 75,335 | 2,015,211 |
| MetLife, Inc. | 78,797 | 2,746,863 |
| Travelers Companies, Inc. (The) | 121,823 | 5,506,400 |
| | | \$ 21,355,195 |
| Internet Software & Services 1.2% | | |
| Akamai Technologies, Inc. (2) | 108,909 | \$ 1,643,437 |
| Google, Inc., Class A (2) | 14,646 | 4,505,842 |
| | | \$ 6,149,279 |
| IT Services 1.5% | | |
| Accenture, Ltd., Class A | 58,263 | \$ 1,910,444 |
| Cognizant Technology Solutions Corp. (2) | 87,813 | 1,585,903 |
| MasterCard, Inc., Class A | 22,625 | 3,233,791 |
| Visa, Inc., Class A | 23,650 | 1,240,443 |
| | | \$ 7,970,581 |
| Life Sciences Tools & Services 0.9% | | |
| Thermo Fisher Scientific, Inc. (2) | 137,888 | \$ 4,697,844 |
| | | \$ 4,697,844 |
| Machinery 1.3% | | |
| Danaher Corp. | 88,767 | \$ 5,025,100 |
| Illinois Tool Works, Inc. | 54,265 | 1,901,988 |
| | | \$ 6,927,088 |
| Media 3.1% | | |
| Comcast Corp., Class A | 652,999 | \$ 11,022,623 |
| Time Warner, Inc. | 506,467 | 5,095,058 |
| | | \$ 16,117,681 |
| Metals & Mining 2.4% | | |
| BHP Billiton, Ltd. ADR | 22,361 | \$ 959,287 |
| Goldcorp, Inc. | 306,224 | 9,655,243 |
| Nucor Corp. | 36,683 | 1,694,755 |
| | | \$ 12,309,285 |
| Multi-Utilities 0.8% | | |
| Public Service Enterprise Group, Inc. | 140,815 | \$ 4,107,574 |
| | | \$ 4,107,574 |

Table of Contents

| Security | Shares | Value |
|--|---------------|----------------------|
| Oil, Gas & Consumable Fuels 9.4% | | |
| Anadarko Petroleum Corp. | 115,541 | \$ 4,454,106 |
| Chevron Corp. | 137,917 | 10,201,721 |
| ConocoPhillips | 98,873 | 5,121,621 |
| Exxon Mobil Corp. | 182,719 | 14,586,458 |
| Hess Corp. | 66,577 | 3,571,190 |
| Occidental Petroleum Corp. | 96,629 | 5,796,774 |
| Petrohawk Energy Corp. (2) | 75,807 | 1,184,863 |
| XTO Energy, Inc. | 123,381 | 4,351,648 |
| | | \$ 49,268,381 |
| Personal Products 0.5% | | |
| Chattem, Inc. (2) | 38,827 | \$ 2,777,295 |
| | | \$ 2,777,295 |
| Pharmaceuticals 6.9% | | |
| Abbott Laboratories | 121,879 | \$ 6,504,682 |
| Johnson & Johnson | 195,549 | 11,699,697 |
| Merck & Co., Inc. | 197,628 | 6,007,891 |
| Novo-Nordisk A/S, Class B | 33,518 | 1,728,989 |
| Pfizer, Inc. | 314,275 | 5,565,810 |
| Roche Holding AG | 13,101 | 2,028,259 |
| Schering-Plough Corp. | 155,212 | 2,643,260 |
| Shire PLC ADR | 898 | 40,212 |
| | | \$ 36,218,800 |
| Real Estate Investment Trusts (REITs) 0.6% | | |
| AvalonBay Communities, Inc. | 28,770 | \$ 1,742,887 |
| Boston Properties, Inc. | 25,593 | 1,407,615 |
| | | \$ 3,150,502 |
| Road & Rail 0.3% | | |
| JB Hunt Transport Services, Inc. | 58,286 | \$ 1,531,173 |
| | | \$ 1,531,173 |
| Semiconductors & Semiconductor Equipment 0.7% | | |
| ASML Holding NV | 195,879 | \$ 3,539,534 |
| | | \$ 3,539,534 |
| Software 3.3% | | |

Edgar Filing: Eaton Vance Enhanced Equity Income Fund - Form N-Q

| | | | |
|------------------|---------|----|-------------------|
| McAfee, Inc. (2) | 66,412 | \$ | 2,295,863 |
| Microsoft Corp. | 492,038 | | 9,565,219 |
| Oracle Corp. (2) | 288,514 | | 5,115,353 |
| | | \$ | 16,976,435 |

Specialty Retail 2.3%

| | | | |
|--------------------|---------|----|-------------------|
| Best Buy Co., Inc. | 111,359 | \$ | 3,130,302 |
| Home Depot, Inc. | 142,465 | | 3,279,544 |
| Staples, Inc. | 301,409 | | 5,401,249 |
| | | \$ | 11,811,095 |

Tobacco 1.9%

| | | | |
|-----------------------------------|---------|----|-------------------|
| Philip Morris International, Inc. | 230,897 | \$ | 10,046,328 |
| | | \$ | 10,046,328 |

Wireless Telecommunication Services 0.4%

| | | | |
|--------------------------------------|--------|----|------------------|
| Rogers Communications, Inc., Class B | 67,062 | \$ | 2,017,225 |
| | | \$ | 2,017,225 |

**Total Common Stocks
(identified cost \$645,740,710)**

\$ 506,858,919

Investment Funds (1) 0.4%

Security

Shares

Value

Capital Markets 0.4%

| | | | |
|---------------------------|---------|----|-----------|
| SPDR S&P Homebuilders ETF | 180,024 | \$ | 2,154,887 |
|---------------------------|---------|----|-----------|

**Total Investment Funds
(identified cost \$2,502,262)**

\$ 2,154,887

Short-Term Investments 4.0%

Description

**Interest
(000's omitted)**

Value

| | | | |
|--------------------------------------|--------|----|------------|
| Cash Management Portfolio, 0.75% (3) | 20,966 | \$ | 20,965,837 |
|--------------------------------------|--------|----|------------|

**Total Short-Term Investments
(identified cost \$20,965,837)**

\$ 20,965,837

\$ 529,979,643

Total Investments 101.7%
(identified cost \$669,208,809)

Table of Contents**Covered Call Options Written (1.8)%**

| Security | Number of Contracts | Strike Price | Expiration Date | Value |
|--------------------------------------|------------------------------------|-------------------------|----------------------------|--------------|
| 3M Co. | 230 | \$ 65.00 | 4/18/09 | \$ (37,950) |
| Abbott Laboratories | 805 | 60.00 | 1/17/09 | (8,050) |
| Accenture, Ltd., Class A | 370 | 35.00 | 2/21/09 | (37,370) |
| ACE, Ltd. | 230 | 50.00 | 2/21/09 | (138,000) |
| Aetna, Inc. | 325 | 35.00 | 1/17/09 | (3,250) |
| Aflac, Inc. | 390 | 45.00 | 2/21/09 | (167,700) |
| Agilent Technologies, Inc. | 155 | 22.50 | 2/21/09 | (387) |
| Akamai Technologies, Inc. | 70 | 15.00 | 2/21/09 | (11,200) |
| Alliant Techsystems, Inc. | 50 | 85.00 | 2/21/09 | (25,500) |
| Amgen, Inc. | 170 | 52.50 | 1/17/09 | (100,300) |
| Anadarko Petroleum Corp. | 300 | 35.00 | 2/21/09 | (165,000) |
| Apple, Inc. | 105 | 155.00 | 1/17/09 | (315) |
| ASML Holding NV | 515 | 17.50 | 1/17/09 | (73,130) |
| AT&T, Inc. | 535 | 29.00 | 1/17/09 | (24,610) |
| AvalonBay Communities, Inc. | 90 | 65.00 | 4/18/09 | (81,000) |
| Bank of America Corp. | 975 | 25.00 | 2/21/09 | (975) |
| Bank of New York Mellon Corp. (The) | 665 | 27.50 | 3/21/09 | (289,275) |
| Baxter International, Inc. | 300 | 65.00 | 1/17/09 | (1,500) |
| Becton, Dickinson & Co. | 70 | 65.00 | 3/21/09 | (42,700) |
| Best Buy Co., Inc. | 125 | 22.50 | 3/21/09 | (85,000) |
| BHP Billiton, Ltd. ADR | 25 | 40.00 | 2/21/09 | (15,500) |
| Biogen Idec, Inc. | 305 | 50.00 | 1/17/09 | (24,400) |
| Boeing Co. (The) | 260 | 45.00 | 2/21/09 | (45,500) |
| Boston Properties, Inc. | 75 | 70.00 | 1/17/09 | (2,438) |
| Boston Scientific Corp. | 1,100 | 10.00 | 2/21/09 | (19,800) |
| Centex Corp. | 225 | 12.50 | 1/17/09 | (6,750) |
| Cephalon, Inc. | 170 | 70.00 | 1/17/09 | (135,830) |
| Chattem, Inc. | 150 | 65.00 | 3/21/09 | (145,500) |
| Chevron Corp. | 755 | 80.00 | 3/21/09 | (234,050) |
| Chubb Corp. | 495 | 45.00 | 1/17/09 | (321,750) |
| Cisco Systems, Inc. | 1,245 | 20.00 | 1/17/09 | (2,490) |
| Citigroup, Inc. | 1,065 | 9.00 | 3/21/09 | (50,055) |
| Clorox Co. | 180 | 65.00 | 1/17/09 | (900) |
| Coca-Cola Co. (The) | 215 | 47.50 | 2/21/09 | (27,950) |
| Cognizant Technology Solutions Corp. | 225 | 17.50 | 1/17/09 | (30,375) |
| Colgate-Palmolive Co. | 275 | 65.00 | 2/21/09 | (143,000) |
| ConocoPhillips | 185 | 55.00 | 2/21/09 | (45,325) |
| Cooper Industries, Ltd., Class A | 75 | 22.50 | 4/18/09 | (59,625) |
| CVS Caremark Corp. | 655 | 30.00 | 2/21/09 | (96,285) |
| D.R. Horton, Inc. | 580 | 7.50 | 1/17/09 | (23,200) |
| Danaher Corp. | 160 | 60.00 | 3/21/09 | (42,400) |
| DaVita, Inc. | 290 | 55.00 | 1/17/09 | (21,750) |
| Diamond Offshore Drilling, Inc. | 200 | 75.00 | 3/21/09 | (42,500) |

Edgar Filing: Eaton Vance Enhanced Equity Income Fund - Form N-Q

| | | | | |
|---------------------------------------|-------|--------|---------|-----------|
| Discover Financial Services | 940 | 10.00 | 4/18/09 | (150,400) |
| E.I. Du Pont de Nemours & Co. | 155 | 35.00 | 1/17/09 | (775) |
| East-West Bancorp, Inc. | 575 | 17.50 | 4/18/09 | (89,125) |
| Ecolab, Inc. | 445 | 45.00 | 1/17/09 | (6,675) |
| Edison International | 155 | 45.00 | 1/17/09 | (775) |
| Emerson Electric Co. | 240 | 35.00 | 3/21/09 | (98,400) |
| Exxon Mobil Corp. | 475 | 80.00 | 1/17/09 | (113,050) |
| FirstEnergy Corp. | 195 | 70.00 | 1/17/09 | (975) |
| General Dynamics Corp. | 175 | 60.00 | 2/21/09 | (35,000) |
| General Electric Co. | 165 | 16.00 | 3/21/09 | (27,225) |
| Gilead Sciences, Inc. | 195 | 45.00 | 2/21/09 | (155,805) |
| Goldman Sachs Group, Inc. | 90 | 140.00 | 1/17/09 | (270) |
| Google, Inc., Class A | 15 | 280.00 | 3/21/09 | (68,775) |
| Granite Construction, Inc. | 295 | 40.00 | 3/21/09 | (233,050) |
| HCC Insurance Holdings, Inc. | 270 | 25.00 | 2/21/09 | (89,100) |
| Hess Corp. | 115 | 55.00 | 2/21/09 | (69,000) |
| Hewlett-Packard Co. | 740 | 37.50 | 2/21/09 | (133,200) |
| Home Depot, Inc. | 645 | 22.50 | 2/21/09 | (143,190) |
| Illinois Tool Works, Inc. | 95 | 35.00 | 3/21/09 | (27,075) |
| International Business Machines Corp. | 155 | 95.00 | 1/17/09 | (2,170) |
| IPG Photonics Corp. | 505 | 15.00 | 1/17/09 | (12,625) |
| JB Hunt Transport Services, Inc. | 180 | 25.00 | 2/21/09 | (54,000) |
| Johnson & Johnson | 1,260 | 65.00 | 1/17/09 | (12,600) |
| JPMorgan Chase & Co. | 535 | 31.00 | 3/21/09 | (189,925) |
| Juniper Networks, Inc. | 325 | 22.50 | 1/17/09 | (1,625) |
| KB Home | 270 | 15.00 | 4/18/09 | (62,100) |
| Kroger Co. (The) | 425 | 30.00 | 1/17/09 | (1,700) |
| Lennar Corp., Class A | 640 | 10.00 | 2/21/09 | (54,400) |
| Lockheed Martin Corp. | 125 | 75.00 | 3/21/09 | (150,000) |
| MasterCard, Inc., Class A | 55 | 185.00 | 1/17/09 | (275) |
| McAfee, Inc. | 315 | 30.00 | 3/21/09 | (185,850) |
| McDonald's Corp. | 1,772 | 65.00 | 1/17/09 | (70,880) |
| Medtronic, Inc. | 510 | 55.00 | 1/17/09 | (2,550) |
| Merck & Co., Inc. | 375 | 35.00 | 1/17/09 | (3,375) |
| MetLife, Inc. | 180 | 35.00 | 3/21/09 | (102,600) |
| Microsoft Corp. | 1,070 | 25.00 | 1/17/09 | (1,070) |
| Monsanto Co. | 155 | 85.00 | 1/17/09 | (3,720) |
| Motorola, Inc. | 1,175 | 5.00 | 1/17/09 | (9,400) |
| NRG Energy, Inc. | 170 | 22.50 | 3/21/09 | (61,200) |
| Nucor Corp. | 65 | 42.50 | 1/17/09 | (31,200) |
| Occidental Petroleum Corp. | 475 | 55.00 | 2/21/09 | (422,750) |
| Onyx Pharmaceuticals, Inc. | 90 | 30.00 | 2/21/09 | (54,900) |
| Oracle Corp. | 895 | 16.00 | 3/21/09 | (241,650) |
| PepsiCo, Inc. | 365 | 55.00 | 1/17/09 | (45,625) |
| Petrohawk Energy Corp. | 450 | 17.50 | 3/21/09 | (94,500) |
| Pfizer, Inc. | 2,050 | 17.50 | 3/21/09 | (260,350) |
| Philip Morris International, Inc. | 1,215 | 45.00 | 3/21/09 | (243,000) |
| Precision Castparts Corp. | 45 | 60.00 | 3/21/09 | (27,000) |
| Procter & Gamble Co. | 455 | 62.50 | 1/17/09 | (50,050) |
| Public Service Enterprise Group, Inc. | 410 | 35.00 | 3/21/09 | (16,400) |
| Pulte Homes, Inc. | 520 | 12.50 | 4/18/09 | (83,200) |

Table of Contents

| Security | Number of Contracts | Strike Price | Expiration Date | Value |
|--|------------------------------------|-------------------------|----------------------------|-----------------------|
| QUALCOMM, Inc. | 665 | \$ 40.00 | 1/17/09 | \$ (12,635) |
| Raytheon Co. | 250 | 50.00 | 2/21/09 | (82,500) |
| Rogers Communications, Inc., Class B | 415 | 35.00 | 1/17/09 | (16,600) |
| Ryland Group, Inc. | 245 | 17.50 | 1/17/09 | (36,750) |
| Safeway, Inc. | 290 | 22.50 | 3/21/09 | (76,850) |
| Schering-Plough Corp. | 435 | 15.00 | 2/21/09 | (107,880) |
| Schlumberger, Ltd. | 180 | 55.00 | 2/21/09 | (8,100) |
| SPDR S&P Homebuilders ETF | 380 | 11.00 | 3/21/09 | (76,000) |
| Staples, Inc. | 1,460 | 17.50 | 3/21/09 | (332,150) |
| Sysco Corp. | 325 | 27.50 | 1/17/09 | (1,625) |
| T.Rowe Price Group, Inc. | 540 | 45.00 | 1/17/09 | (5,400) |
| Thermo Fisher Scientific, Inc. | 205 | 35.00 | 3/21/09 | (47,150) |
| Toll Brothers, Inc. | 225 | 22.50 | 3/21/09 | (52,875) |
| Travelers Companies, Inc. (The) | 500 | 35.00 | 1/17/09 | (527,500) |
| United Technologies Corp. | 125 | 55.00 | 2/21/09 | (32,250) |
| UnitedHealth Group, Inc. | 415 | 27.50 | 1/17/09 | (32,785) |
| Verizon Communications, Inc. | 355 | 32.50 | 1/17/09 | (62,125) |
| Visa, Inc., Class A | 100 | 52.50 | 3/21/09 | (46,000) |
| Wal-Mart Stores, Inc. | 1,185 | 55.00 | 3/21/09 | (509,550) |
| Waste Management, Inc. | 590 | 32.50 | 1/17/09 | (73,750) |
| Wells Fargo & Co. | 885 | 27.50 | 1/17/09 | (309,750) |
| XTO Energy, Inc. | 200 | 35.00 | 2/21/09 | (76,400) |
| Total Covered Call Options Written (premiums received \$15,912,606) | | | | \$ (9,351,765) |
| Other Assets, Less Liabilities 0.1% | | | | \$ 548,565 |
| Net Assets 100.0% | | | | \$ 521,176,443 |

ADR American Depository Receipt

- (1) A portion of each security has been segregated as collateral for options written.
- (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 December 31, 2008. Net income allocated from the investment in Cash Management Portfolio for the fiscal year to date ended December 31, 2008 was \$113,394.

Table of Contents

The cost and unrealized appreciation (depreciation) of investments of the Fund at December 31, 2008, as determined on a federal income tax basis, were as follows:

| | |
|------------------------------------|-------------------------|
| Aggregate cost | \$ 669,381,084 |
| Gross unrealized appreciation | \$ 10,225,235 |
| Gross unrealized depreciation | (149,626,676) |
| Net unrealized depreciation | \$ (139,401,441) |

Written call options activity for the fiscal year to date ended December 31, 2008 was as follows:

| | Number of Contracts | Premiums Received |
|---|------------------------------------|------------------------------|
| Outstanding, beginning of period | 71,566 | \$ 16,431,873 |
| Options written | 55,980 | 16,808,790 |
| Options terminated in closing purchase transactions | (67,499) | (16,481,510) |
| Options expired | (11,480) | (846,547) |
| Outstanding, end of period | 48,567 | \$ 15,912,606 |

At December 31, 2008, the Fund had sufficient cash and/or securities to cover commitments under these contracts. The Fund adopted Financial Accounting Standards Board 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 December 31, 2008, 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 | \$ 501,637,394 | \$ (9,351,765) |
| Level 2 | Other Significant Observable Inputs | 28,342,249 | |
| Level 3 | Significant Unobservable Inputs | | |
| Total | | \$ 529,979,643 | \$ (9,351,765) |

* Other financial instruments include written call options.

Edgar Filing: Eaton Vance Enhanced Equity Income Fund - Form N-Q

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

For information on the Fund's policy regarding valuation of investments and other significant accounting policies, please refer to the Fund's most recent financial statements included in its semiannual or annual report to shareholders.

Table of Contents

Item 2. 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 on this Form N-Q 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 on this Form N-Q 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.

(b) There have been no changes in the registrant's internal controls over financial reporting during the fiscal quarter for which the report is being filed that have materially affected, or are reasonably likely to materially affect the registrant's internal control over financial reporting.

Table of Contents

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: February 25, 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/ Duncan W. Richardson

Duncan W. Richardson
President

Date: February 25, 2009

By: /s/ Barbara E. Campbell

Barbara E. Campbell
Treasurer

Date: February 25, 2009