EATON VANCE PENNSYLVANIA MUNICIPAL BOND FUND Form N-Q February 28, 2011

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 Form N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANIES 811-21227

Investment Company Act File Number Eaton Vance Pennsylvania Municipal Bond 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, Including Area Code)

September 30

Date of Fiscal Year End

December 31, 2010

Date of Reporting Period

Item 1. Schedule of Investments

Eaton Vance Pennsylvania Municipal Bond Fund

as of December 31, 2010

PORTFOLIO OF INVESTMENTS (Unaudited)

Tax-Exempt Investments 168.1%

Principa	l			
Amount				
(000 s omitted)		Security		Value
Escrowe		· · · · · · · · · · · · · · · · · · ·		
\$	750	Pennsylvania Higher Educational Facilities Authority, (UPMC Health System),		
		Prerefunded to 1/15/11, 6.00%, 1/15/31	\$	759,165
			\$	759,165
Hospital	15.0	%		
\$	750	Chester County Health and Education Facilities Authority, (Jefferson Health System), 5.00%, 5/15/40	\$	709,177
	1,000	Franklin County Industrial Development Authority, (The Chambersburg Hospital), 5.375%, 7/1/42		949,890
	1,455	Lehigh County General Purpose Authority, (Lehigh Valley Health Network),		, ,,,,,
		5.25%, 7/1/32		1,390,049
	1,250 250	Monroe County Hospital Authority, (Pocono Medical Center), 5.125%, 1/1/37 Northampton County General Purpose Authority, (Saint Luke s Hospital),		1,112,912
	675	5.50%, 8/15/33 Pennsylvania Higher Educational Facilities Authority, (UPMC Health System),		235,205
	073	5.00%, 5/15/31		656,465
	250	South Fork Municipal Authority, (Conemaugh Health System), 5.50%, 7/1/29		233,238
			Φ.	
			\$	5,286,936
Insured-	Electri	c Utilities 6.3%		
	1,610	Lehigh County Industrial Development Authority, (PPL Electric Utilities Corp.), (FGIC), (NPFG), 4.75%, 2/15/27	\$	1,499,023
	750	Puerto Rico Electric Power Authority, (FGIC), (NPFG), 5.25%, 7/1/35	Ψ	704,790
			\$	2,203,813
Insured.	Escrov	ved/Prerefunded 3.7%		
\$	995	Armstrong County, (NPFG), Prerefunded to 6/1/11, 5.40%, 6/1/31	\$	1,015,765
·	270	Southcentral General Authority, (Wellspan Health), (NPFG), Escrowed to		, ,
		Maturity, 5.25%, 5/15/31		276,537
			\$	1,292,302
Insured-	Genera	al Obligations 30.1%		
\$	655	Armstrong County, (NPFG), 5.40%, 6/1/31	\$	654,967

	1,250	Bethlehem Area School District, (AGM), 5.25%, 1/15/25		1,282,538
	660	Centennial School District, (AGM), 5.25%, 12/15/37		665,320
	1,350	Central Greene School District, (AGM), 5.00%, 2/15/35		1,310,337
	1,000	Erie School District, (AMBAC), 0.00%, 9/1/30		324,210
	500	Harrisburg School District, (AGC), 5.00%, 11/15/33		487,010
	2,555	McKeesport School District, (NPFG), 0.00%, 10/1/21		1,546,541
	1,500	Norwin School District, (AGM), 3.25%, 4/1/27		1,218,375
	1,500	Reading School District, (AGM), 5.00%, 3/1/35		1,455,870
	1,000	Scranton School District, (AGM), 5.00%, 7/15/38		951,910
	2,550	Shaler Area School District, (XLCA), 0.00%, 9/1/33		688,449
			\$	10,585,527
Insure	d-Hospit	al 8.7%		
\$	250	Allegheny County Hospital Development Authority, (UPMC Health System), (NPFG), 6.00%, 7/1/24	\$	280,085
	500	Centre County Hospital Authority, (Mount Nittany Medical Center), (AGC), 6.25%, 11/15/44		510,175
	1,620	Lehigh County General Purpose Authority, (Lehigh Valley Health Network), (AGM), 5.00%, 7/1/35 ⁽¹⁾		1,527,287
	865	Washington County Hospital Authority, (Washington Hospital), (AMBAC),		, ,
		5.125%, 7/1/28		753,597
			\$	3,071,144
Insure	d-Indust	rial Development Revenue 2.8%		
\$	1,000	Pennsylvania Economic Development Financing Authority, (Aqua Pennsylvania, Inc. Project), (BHAC), 5.00%, 10/1/39 ⁽¹⁾	\$	995,390
			\$	995,390
			Ф	993,390
		1		
		1		

Princip Amoun				
(000 s)	ı			
omitted	1)	Security		Value
Insured	l-Lease l	Revenue/Certificates of Participation 4.8%		
\$	500 1,215	Commonwealth Financing Authority, (AGC), 5.00%, 6/1/31 Philadelphia Authority for Industrial Development, (One Benjamin Franklin),	\$	490,570
	1,210	(AGM), 4.75%, 2/15/27		1,198,112
			\$	1,688,682
Insured	l-Private	e Education 11.9%		
\$	1,000	Chester County Industrial Development Authority, Educational Facility, (Westtown School), (AMBAC), 5.00%, 1/1/31	\$	956,150
	1,675	Pennsylvania Higher Educational Facilities Authority, (Drexel University), (NPFG), 5.00%, 5/1/37		1,572,356
	1,305	Pennsylvania Higher Educational Facilities Authority, (Temple University), (NPFG), 4.50%, 4/1/36		1,170,533
	500	Pennsylvania Higher Educational Facilities Authority, (University of the Sciences in Philadelphia), (AGC), 5.00%, 11/1/37		479,650
			\$	4,178,689
Insured	l-Public	Education 10.6%		
\$	500	Lycoming County Authority, (Pennsylvania College of Technology), (AGC), 5.50%, 10/1/37	\$	498,910
	1,200	·		1,067,556
	500			418,955
	 State Public School Building Authority, (Delaware County Community College), (AGM), 5.00%, 10/1/27 State Public School Building Authority, (Delaware County Community College), (AGM), 5.00%, 10/1/29 			510,170
				378,262
875		State Public School Building Authority, (Delaware County Community College), (AGM), 5.00%, 10/1/32		865,209
			\$	3,739,062
Income 1	l Correct	Davanua 19 0 <i>0</i> //		•
\$	300 1,500 770	Revenue 18.9% Allegheny County Sanitation Authority, (BHAC), (FGIC), 5.00%, 12/1/32 Allegheny County Sanitation Authority, (BHAC), (NPFG), 5.00%, 12/1/22 Ambridge Borough Municipal Authority, Sewer Revenue, (AGM),	\$	296,640 1,569,030
	500 1,920	4.60%, 10/15/41 Bucks County Water and Sewer Authority, (AGM), 5.00%, 12/1/35 Erie Sewer Authority, (AMBAC), 0.00%, 12/1/26		653,868 492,625 713,165
	1,430 2,155	Erie Sewer Authority, Series A, (AMBAC), 0.00%, 12/1/25 Erie Sewer Authority, Series B, (AMBAC), 0.00%, 12/1/25		572,672 863,013

	1,500	University Area Joint Authority, (NPFG), 5.00%, 11/1/26		1,500,750
			\$	6,661,763
Insure	d-Special	Tax Revenue 5.4%		
\$	22,015 1,770 3,510 2,220	Puerto Rico Sales Tax Financing Corp., (AMBAC), 0.00%, 8/1/54 Puerto Rico Sales Tax Financing Corp., (NPFG), 0.00%, 8/1/44 Puerto Rico Sales Tax Financing Corp., (NPFG), 0.00%, 8/1/45 Puerto Rico Sales Tax Financing Corp., (NPFG), 0.00%, 8/1/46	\$	1,147,642 197,355 362,127 212,476
			\$	1,919,600
Insure	d-Transı	portation 23.7%		
\$	2,000 1,000 2,000 295 1,000 2,100	Allegheny County Port Authority, (FGIC), (NPFG), 5.00%, 3/1/25 Allegheny County Port Authority, (FGIC), (NPFG), 5.00%, 3/1/29 Pennsylvania Turnpike Commission, (AGM), 5.25%, 7/15/30 ⁽¹⁾ Philadelphia, Airport Revenue, (AGC), 5.375%, 6/15/29 Pittsburgh and Allegheny County Sports and Exhibition Authority, (AGM), 5.00%, 2/1/31 Puerto Rico Highway and Transportation Authority, (AGC), (CIFG), 5.25%, 7/1/41 ⁽¹⁾	\$ \$	2,008,740 1,000,100 2,055,540 300,705 989,960 1,998,990 8,354,035
Insure	d-Utilitie	s 2.3%		
\$	890	Philadelphia Gas Works, (AMBAC), 5.00%, 10/1/37	\$	803,234
			\$	803,234
		2		

Principal Amount		
(000 s		
omitted) Insured-Water	Security and Sewer 0.4%	Value
\$ 150	Saxonburg Water and Sewer Authority, (AGC), 5.00%, 3/1/35	\$ 142,428
		\$ 142,428
Private Educat	tion 13.5%	
\$ 625	Pennsylvania Higher Educational Facilities Authority, (Saint Joseph s University), 5.00%, 11/1/40	\$ 586,344
925	Pennsylvania Higher Educational Facilities Authority, (Thomas Jefferson University), 5.00%, 3/1/40	878,703
2,900	Pennsylvania Higher Educational Facilities Authority, (University of Pennsylvania), 4.75%, 7/15/35	2,780,288
500	Washington County Industrial Development Authority, (Washington and Jefferson College), 5.25%, 11/1/30	492,095
		\$ 4,737,430
Public Educati	on 1.4%	
\$ 500	Pennsylvania State University, 5.00%, 3/1/40	\$ 502,340
		\$ 502,340
Senior Living/	Life Care 0.5%	
\$ 200	Montgomery County Industrial Development Authority, (Foulkeways at Gwynedd), 5.00%, 12/1/24	\$ 187,412
		\$ 187,412
Special Tax Re	evenue 0.3%	
\$ 110	Virgin Islands Public Finance Authority, 6.75%, 10/1/37	\$ 113,597
		\$ 113,597
Transportation	n 3.4%	
\$ 465 730	Delaware River Port Authority of Pennsylvania and New Jersey, 5.00%, 1/1/35 Delaware River Port Authority of Pennsylvania and New Jersey, 5.00%, 1/1/40	\$ 461,787 721,189
		\$ 1,182,976
Water and Sev	ver 2.2%	
\$ 765	Philadelphia, Water and Wastewater Revenue, 5.25%, 1/1/32	\$ 759,232
		\$ 759,232

Total Tax-Exempt Investments 168.1% (identified cost \$63,656,055)

\$ 59,164,757

Auction Preferred Shares Plus Cumulative Unpaid Dividends (61.7)%

\$ (21,725,299)

Other Assets, Less Liabilities (6.4)%

\$ (2,240,769)

Net Assets Applicable to Common Shares 100.0%

\$ 35,198,689

The percentage shown for each investment category in the Portfolio of Investments is based on net assets applicable to common shares.

AGC - Assured Guaranty Corp.

AGM - Assured Guaranty Municipal Corp.

AMBAC - AMBAC Financial Group, Inc.

BHAC - Berkshire Hathaway Assurance Corp.

CIFG - CIFG Assurance North America, Inc.

FGIC - Financial Guaranty Insurance Company

NPFG - National Public Finance Guaranty Corp.

XLCA - XL Capital Assurance, Inc.

The Fund invests primarily in debt securities issued by Pennsylvania municipalities. The ability of the issuers of the debt securities to meet their obligations may be affected by economic developments in a specific industry or municipality. In order to reduce the risk associated with such economic developments, at December 31, 2010, 77.1% of total investments are backed by bond insurance of various financial institutions and financial guaranty assurance agencies. The aggregate percentage insured by an individual financial institution ranged from 1.9% to 26.3% of total investments.

(1) Security represents the underlying municipal bond of an inverse floater.

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A summary of open financial instruments at December 31, 2010 is as follows:

Interest Rate Swaps

	Notional	Annual Fixed Rate Paid By	Floating Rate	Effective Date/ Termination		Net prealized preciation
Counterparty	Amount	Fund	Paid To Fund	Date	(De _l	preciation)
			3-month USD-	February 24, 2011 /		
Bank of America	\$ 1,000,000	4.092%	LIBOR-BBA	February 24, 2041	\$	8,964
			3-month USD-	January 20, 2011 /		
Barclays Bank PLC	3,000,000	3.610	LIBOR-BBA	January 20, 2041		270,388
JPMorgan Chase			3-month USD-	March 14, 2011 /		
Co.	725,000	4.163	LIBOR-BBA	March 14, 2041		(977)
					\$	278,375

The effective date represents the date on which the Fund and the counterparty to the interest rate swap contract begin interest payment accruals.

At December 31, 2010, the Fund had sufficient cash and/or securities to cover commitments under these contracts.

The Fund is subject to interest rate risk in the normal course of pursuing its investment objectives. Because the Fund holds fixed rate bonds, the value of these bonds may decrease if interest rates rise. To hedge against this risk, the Fund enters into interest rate swap contracts.

At December 31, 2010, the aggregate fair value of derivative instruments (not considered to be hedging instruments for accounting disclosure purposes) in an asset position and in a liability position and whose primary underlying risk exposure is interest rate risk was \$279,352 and \$977, respectively.

The cost and unrealized appreciation (depreciation) of investments of the Fund at December 31, 2010, as determined on a federal income tax basis, were as follows:

Aggregate cost	\$ 59,427,368
Gross unrealized appreciation Gross unrealized depreciation	\$ (4,612,611)
Net unrealized depreciation	\$ (4,612,611)

Under generally accepted accounting principles for fair value measurements, a three-tier hierarchy to prioritize the assumptions, referred to as inputs, is 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)

In cases where the inputs used to measure fair value fall in different levels of the fair value hierarchy, the level disclosed is determined based on the lowest level input that is significant to the fair value measurement in its entirety. 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, 2010, the hierarchy of inputs used in valuing the Fund s investments, which are carried at value, were as follows:

	Quoted Prices in Active Markets for Identical Assets	Significant Other Observable Inputs	Significant Unobservable Inputs	
Asset Description	(Level 1)	(Level 2)	(Level 3)	Total
Tax-Exempt Investments	\$	\$ 59,164,757	\$	\$ 59,164,757
Total Investments	\$	\$ 59,164,757	\$	\$ 59,164,757
Interest Rate Swaps	\$	\$ 279,352	\$	\$ 279,352
Total	\$	\$ 59,444,109	\$	\$ 59,444,109
Liability Description				
Interest Rate Swaps	\$	\$ (977)	\$	\$ (977)
Total	\$	\$ (977)	\$	\$ (977)

The Fund held no investments or other financial instruments as of September 30, 2010 whose fair value was determined using Level 3 inputs. At December 31, 2010, the value of investments transferred between Level 1 and Level 2, if any, during the fiscal year to date then ended was not significant.

For information on the Fund s policy regarding the 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.

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.

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 Pennsylvania Municipal Bond Fund

By: /s/ Cynthia J. Clemson

Cynthia J. Clemson

President

Date: February 23, 2011

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/ Cynthia J. Clemson

Cynthia J. Clemson

President

Date: February 23, 2011

By: /s/ Barbara E. Campbell

Barbara E. Campbell

Treasurer

Date: February 23, 2011