Nuveen Enhanced Municipal Value Fund Form N-Q April 01, 2010

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

FORM N-O

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number 811-22323

Nuveen Enhanced Municipal Value (Exact name of registrant as specified in charter)

Nuveen Investments 333 West Wacker Drive, Chicago, Illinois 60606 (Address of principal executive offices) (Zip code)

Kevin J. McCarthy
Vice President and Secretary
333 West Wacker Drive, Chicago, Illinois 60606
(Name and address of agent for service)

Registrant's telephone number, including area code: 312-917-7700

Date of fiscal year end: 10/31

Date of reporting period: 1/31/10

Form N-Q is to be used by management investment companies, other than small business investment companies registered on Form N-5 (§§ 239.24 and 274.5 of this chapter), to file reports with the Commission, not later than 60 days after the close of the first and third fiscal quarters, pursuant to rule 30b1-5 under the Investment Company Act of 1940 (17 CFR 270.30b1-5). The Commission may use the information provided on Form N-Q in its regulatory, disclosure review, inspection, and policymaking roles.

A registrant is required to disclose the information specified by Form N-Q, and the Commission will make this information public. A registrant is not required to respond to the collection of information contained in Form N-Q unless the Form displays a currently valid Office of Management and Budget ("OMB") control number. Please direct comments concerning the accuracy of the information collection burden estimate and any suggestions for reducing the burden to the Secretary, Securities and Exchange Commission, 450 Fifth Street, NW, Washington, DC 20549-0609. The OMB has reviewed this collection of information under the clearance requirements of 44 U.S.C. § 3507.

Item 1. Schedule of Investments

	Portfolio of Investments (Unaudited)
	Nuveen Enhanced Municipal Value Fund (NEV)
	January 31, 2010
Principal	
Amount (000)	Description (1)
	Alabama -0.1%
\$ 355	Courtland Industrial Development Board, Alabama, Solid Waste Revenue Bonds, International
	Paper Company Project, Series 2005A, 5.200%, 6/01/25 (Alternative Minimum Tax)
	Arizona – 6.2%
2,000	Arizonia, Certificates of Participation, Series 2010A, 5.250%, 10/01/28 - AGM Insured
2,500	Festival Ranch Community Facilities District, Arizonia, District General Obligation Bonds, Series
	2009, 6.500%, 7/15/31
2,925	Nogales Municipal Development Authority, Inc., Arizona, Municipal Facilities Revenue Bonds,
	Series 2009, 4.750%, 6/01/39
3,000	Pima County Industrial Development Authority, Arizona, Pollution Control Revenue Bonds, Tucson
	Electric Power Company, San Juan Porject, Series 2009A, 4.950%, 10/01/20
320	Quechan Indian Tribe of the Fort Yuma Reservation, Arizona, Government Project Bonds, Series
	2007, 7.000%, 12/01/27
	Salt Verde Financial Corporation, Arizona, Senior Gas Revenue Bonds, Series 2007:
50	5.000%, 12/01/32
5,120	5.000%, 12/01/37
1,997	Watson Road Community Facilities District, Arizona, Special Assessment Revenue Bonds, Series
	2005, 6.000%, 7/01/30
17,912	Total Arizona
	Arkansas – 0.2%
465	Little River County, Arkansas, Revenue Refunding Bonds, Georgia-Pacific Corporation, Series
	1998, 5.600%, 10/01/26 (Alternative Minimum Tax)
	California – 14.8%
2,000	California Infrastructure Economic Development Bank, Revenue Bonds, J. David Gladstone
	Institutes, Series 2001, 5.250%, 10/01/34
1,000	California Municipal Finance Authority, Revenue Bonds, Harbor Regional Center Project, Series
	2009, 8.000%, 11/01/29
4,600	California Statewide Community Development Authority, Revenue Bonds, Sutter Health, Series
	2004C, 5.050%, 8/15/38 – AGM Insured
6,125	California Statewide Community Development Authority, Revenue Bonds, Sutter Health, Series
	2004D, 5.050%, 8/15/38 – AGM Insured

490 Etiwanda School District Coyote Canyon, California, Public Facilities CFD 2004-1 Improvement

Area 2, 6.500%, 9/01/32

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	Golden State Tobacco Securitization Corporation, California, Enhanced Tobacco Settlement	
	Asset-Backed Bonds, Series 2007A-1:	
5,505	5.750%, 6/01/47	
1,000	5.125%, 6/01/47	
3,030	Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed	
	Revenue Bonds, Series 2005A, 5.000%, 6/01/35 (WI/DD, Settling 2/08/10) – FGIC Insured	
1,735	Lompoc Unified School District, Santa Barbara County, California, General Obligation Bonds,	
	Election 2002 Series 2007C, 5.000%, 6/01/32 – AGM Insured	
100	Los Angeles Regional Airports Improvement Corporation, California, Sublease Revenue Bonds, Los	1
	Angeles International Airport, American Airlines Inc. Terminal 4 Project, Series 2002B,	
	7.500%, 12/01/24 (Alternative Minimum Tax)	
1,750	Orange County Water District, California, Revenue Certificates of Participation, Tender Option	
	Bond Trust 3117, 16.438%, 8/15/39 (IF)	
265	Palomar Pomerado Health, Calfornia, Certificates of Participation, Series 2009,	1
	6.750%, 11/01/39	
5,445	Peralta Community College District, Alameda County, California, General Obligation Bonds,	
	Election of 2006, Series 2009C, 5.000%, 8/01/39	
2,170	San Marcos Public Facilities Authority, California, Tax Allocation Bonds, Project Areas 2	
	and 3, Tender Option Bond Trust 3116, 21.704%, 8/01/38 – AGM Insured (IF)	
2,400	Semitrophic Improvement District of Semitrophic Water Storage Dustrict, Kern County,	1
	California, Revenue Bonds, Tender Option Bond Trust 3584, 22.154%, 12/01/34 (IF)	
3,110	Stockton Unified School District, San Joaquin County, California, General Obligation Bonds,	
	Series 2007, 5.000%, 8/01/31 – AGM Insured	
1,020	Western Placer Unified School District, Placer County, California, Certificates of	
	Participation, Refunding Series 2009, 5.250%, 8/01/35 – AGM Insured	
1,745	Total California	
	Colorado – 3.7%	
1,000	Colorado Educational and Cultural Facilities Authority Charter School Revenue Bonds (Crown	
	Ponite Academy of Westminster Project) A Charter School Chartered Through Adams County	
	School District No. 50 Adams County, Colorado Series 2009, 5.000%, 7/15/39	
2,120	Colorado Educational and Cultural Facilities Authority, Revenue Bonds, Montessori School of	1
	Evergreen, Series 2005A, 6.500%, 12/01/35	
1,000	Colorado Hosuing & Finance Authority, Multifamily Housing Revenue Senior Bonds, Castle	1
	Highlands Project, Series 2000A-1, 5.900%, 12/01/20 – AMBAC Insured (Alternative Minimum Tax)	
250	Colorado Housing and Finance Authority, Revenue Bonds, Confluence Energy LLC Project, Series	
	2007, 6.200%, 4/01/16 (Alternative Minimum Tax)	
2,000	Conservatory Metropolitan District, Arapahoe County, Colorado, General Obligation Limited Tax	1
	Bonds, Series 2007, 5.125%, 12/01/37 – RAAI Insured	
	Public Authority for Colorado Energy, Natural Gas Revenue Bonds, Colorado Springs Utilities,	
	Series 2008:	
475	6.250%, 11/15/28	

3,880	6.500%, 11/15/38
10,725	Total Colorado
	Connecticut – 0.7%
915	Hamden, Connecticut, Facility Revenue Bonds, Whitney Center Project, Series 2009A,
	7.750%, 1/01/43
1,000	Harbor Point Infrastructure Improvement District, Connecticut, Special Obligation Revenue
	Bonds, Harbor Point Project, Series 2010A, 7.000%, 4/01/22 (WI/DD, Settling 2/04/10)
1,915	Total Connecticut
	District of Columbia – 0.1%
400	District of Columbia Tobacco Settlement Corporation, Tobacco Settlement Asset-Backed Bonds,
	Series 2001, 6.750%, 5/15/40
	Florida – 10.6%
2,000	Ave Maria Stewardship Community Development District, Florida, Capital Improvement Revenue
	Bonds, Series 2006A, 5.125%, 5/01/38
775	Beacon Tradeport Community Development District, Miami-Dade County, Florida, Special
4 205	Assessment Bonds, Industrial Project, Series 2002B, 7.250%, 5/01/33
4,295	Florida Housing Finance Corporation, Homeowner Mortgage Revenue Bonds, Series 2009-2, 4.650%, 7/01/29
3 160	JEA, Florida, Water and Sewerage System Revenue Bonds, Tender Option Bond Trust 11801,
3,100	20.725%, 10/01/41 – NPFG Insured (IF)
2 400	Miami-Dade County School Board, Florida, Certificates of Participation, Tender Option Bond
2,100	Trust 3118, 22.059%, 11/01/31 – BHAC Insured (IF)
3,660	Miami-Dade County, Florida Capital Asset Acquisition Special Obligation Bonds Series 2009A,
,	5.125%, 4/01/34 – AGC Insured
1,625	Miami-Dade County, Florida, Aviation Revenue Bonds, Miami International Airport, Series
	2010A-1, 5.375%, 10/01/35
5,510	Orange County Health Facilities Authority, Florida, Revenue Bonds, Nemours Foundation, Series
	2009A, 5.000%, 1/01/39
1,000	South Miami Health Facilities Authority, Florida, Hospital Revenue, Baptist Health System
	Obligation Group, Tender Option Bond Trust 3119, 17.878%, 8/15/37 (IF)
2,500	Tallahassee, Florida, Energy System Revenue Bonds, Tender Option Bond Trust 09-30W, 21.548%,
	10/01/35 – NPFG Insured (IF)
1,200	Tolomato Community Development District, Florida, Special Assessment Bonds, Series 2007,
	6.650%, 5/01/40
1,800	Winter Garden Village at Fowler Groves Community Development District, Florida, Special
20.025	Assessment Bonds, Series 2006, 5.650%, 5/01/37
29,925	Total Florida
750	Georgia – 2.6% Atlanta Georgia Tan Allantina Banda Baldina Build Spring 2008 A. Serina 2008 B. Sarina
/50	Atlanta, Georgia, Tax Allocation Bonds, Beltline Project Series 2008A, Series 2008B, Series 2008C, Series 2009C, 7,500%, 1/01/21
1 000	2008C, Series 2009B, Series 2009C, 7.500%, 1/01/31
1,000	Atlanta, Georgia, Tax Allocation Bonds, Beltline Project Series 2008B. Remarketed,

	6.750%, 1/01/20
1.000	Augusta, Georgia, Airport Revenue Bonds, Series 2005A, 5.150%, 1/01/35
	Clayton County Development Authority, Georgia, Special Facilities Revenue Bonds, Delta Air
,	Lines, Inc. Project, Series 2009B, 9.000%, 6/01/35 (Alternative Minimum Tax)
1,250	Clayton County Development Authority, Georgia, Special Facilities Revenue Bonds, Delta Air
,	Lines, Inc. Project, Series 2009, 8.750%, 6/01/29
225	Effingham County Development Authority, Georgia, Solid Waste Disposal Revenue Bonds, Ft. James
	Project, Series 1998, 5.625%, 7/01/18 (Alternative Minimum Tax) (4)
150	Main Street Natural Gas Inc., Georgia, Gas Project Revenue Bonds, Series 2007A, 5.500%, 9/15/26
90	Main Street Natural Gas Inc., Georgia, Gas Project Revenue Bonds, Series 2007B, 5.000%, 3/15/22
6,965	Total Georgia
	Illinois – 4.2%
2,500	CenterPoint Intermodal Center Program, Illinois, Trust Series 2004 Class A Certificates,
	7.500%, 6/15/23
1,460	Hoffman Estates, Illinois, General Obligation Bonds, Tender Option Bond Trust 09-28W,
	25.965%, 12/01/38 (IF)
4,000	Illinois Finance Authority, Revenue Bonds, Illinois Instittue of Technology, Refunding Series
	2006A, 5.000%, 4/01/36
500	Illinois FInance Authority, Revenue Bonds, Southern Illinois Healthcare Enterprises, Inc.,
	Series 2005, 5.250%, 3/01/30 (WI/DD, Settling 2/18/10) – AGM Insured
1,000	Illinois Finance Authority, Revenue Refunding Bonds, Resurrection Health Care Corporation,
	Series 2009, 6.125%, 5/15/25
1,500	Southwestern Illinois Development Authority, Illinois, Saint Clair County Comprehensive Mental
1 000	Health Center, Series 2007, 6.625%, 6/01/37
1,000	Springfield, Sangamon County, Illinois, Special Service Area (Legacy Pointe) Ad Valorem Tax
11.060	Bonds, Series 2009, 7.875%, 3/01/32
11,960	Total Illinois
1 205	Indiana – 4.1%
1,393	Indiana Finance Authority Educational Facilities Revenue Bonds, Series 2009 (Drexel Foundation For Educational Excellence, Inc. – Educational Facility Project), 6.625%, 10/01/29
5 010	• • • • • • • • • • • • • • • • • • • •
3,810	Indiana Finance Authority Health System Revenue Bonds Series 2009A (Sisters of St. Francis Health Services, Inc. Obligated Group), 5.250%, 11/01/39
3 850	Indiana Health Facility Financing Authority, Hospital Revenue Bonds, Clarian Health Obligation
3,630	Group, Series 2006A, 5.250%, 2/15/40
11 055	Total Indiana
11,033	Louisiana – 0.6%
80	Calcasieu Parish Inc., Louisiana, Industrial Development Board Revenue Bonds, Oil Corporation
00	Project, Series 2002, 6.625%, 2/01/16
1.000	Louisiana Local Government Environmental Facilities & Community Development Authority, Revenu
,	Bonds, Westlake Chemical Corporation Project, Series 2007, 6.750%, 11/01/32
555	Tobacco Settlement Financing Corporation, Louisiana, Tobacco Settlement Asset-Backed Bonds,

	Series 2001B, 5.875%, 5/15/39
1,635	Total Louisiana
	Maine – 0.8%
2,000	Maine State Housing Authority, Single Family Mortgage Purchase Bonds, Tender Option Bond Trust
	3597, 22.290%, 11/15/29 (IF)
	Massachusetts – 4.0%
220	Massachusetts Development Finance Agency, Revenue Bonds, Curry College, Series 2005A, 5.000%
	3/01/35 – ACA Insured
3,000	Massachusetts Health and Educational Facilities Authority Revenue Bonds, Quincy Medical Center
	Issue, Series A (2008), 6.250%, 1/15/28
3,510	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Boston College,
	Tender Option Bond Trust 3115, 15.773%, 6/01/37 (IF)
2,385	Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Emerson Hospital,
	Series 2005E, 5.000%, 8/15/35 – RAAI Insured
2,300	Massachusetts Health and Educational Facilities Authority, Revenue Refunding Bonds, Suffolk
	University Issue, Series A (2009) Series B (2009) (Federally Taxable), 5.750%, 7/01/39
11,415	Total Massachusetts
	Michigan – 7.9%
12,000	Detroit City School District, Wayne County, Michigan, General Obligation Bonds, Series 2005,
	5.250%, 5/01/27 – AGM Insured
2,865	Marysville Public School District, St Claire County, Michigan, General Obligation Bonds,
	Series 2007, 5.000%, 5/01/32 – AGM Insured
4,600	Michigan State Hospital Finance Authority, Hospital Revenue Bonds, Henry Ford Health System,
	Refunding Series 2009, 5.750%, 11/15/39
1,730	Michigan State Hospital Finance Authority, Hospital Revenue Refunding Bonds, Detroit Medical
	Center Obligated Group, Series 1997A, 5.250%, 8/15/27 – AMBAC Insured
21,195	Total Michigan
	Missouri – 0.9%
1,000	Cole County Industrial Development Authority, Missouri, Revenue Bonds, Lutheran Senior
	Services – Heisinger Project, Series 2004, 5.500%, 2/01/35
1,500	Saint Louis Industrial Development Authority, Missouri, Empowerment Zone Hotel Facilities
	Revenue Bonds, Laurel Embassy Suites, Series 2009, 8.500%, 12/15/39
2,500	Total Missouri
	Nebraska – 1.9%
5,000	Omaha Public Power District, Nebraska, Electric System Revenue Bonds, Series 2007A,
	5.000%, 2/01/43
	Nevada – 1.2%
2,000	Clark County, Nevada, Passenger Facility Charge Revenue Bonds, Las Vegas-McCarran
	International Airport, Series 2010A, 5.000%, 7/01/30 (WI/DD, Settling 2/03/10)
1,240	Sparks Tourism Improvement District 1, Legends at Sparks Marina, Nevada, Senior Sales Tax
	Revenue Bonds Series 2008A 6 750% 6/15/28

3,240	Total Nevada
	New Jersey – 1.2%
1,000	New Jersey Economic Development Authority, Special Facilities Revenue Bonds, Continental
	Airlines Inc., Series 1999, 6.250%, 9/15/29 (Alternative Minimum Tax)
1,750	New Jersey Higher Education Assistance Authority Student Loan Revenue Bonds, Series 2010-1,
	5.000%, 12/01/26
1,000	Tobacco Settlement Financing Corporation, New Jersey, Tobacco Settlement Asset-Backed Bonds,
	Series 2007-1A, 5.000%, 6/01/41
3,750	Total New Jersey
	New York – 2.6%
	Brooklyn Areba Local Development Corporation, New York, Payment in Lieu of Taxes Revenue
	Bonds, Barclays Center Project, Series 2009:
1,100	6.000%, 7/15/30
1,225	6.250%, 7/15/40
2,000	6.375%, 7/15/43
2,500	New York City Industrial Development Agency, New York, American Airlines-JFK International
	Airport Special Facility Revenue Bonds, Series 2005, 7.750%, 8/01/31 (Alternative Minimum Tax)
6,825	Total New York
	North Carolina – 2.0%
3,485	North Carolina Medical Care Commission, Healthcare Facilities Revenue Bonds, Duke University
	Health System, Series 2009A, 5.000%, 6/01/42
2,000	North Carolina Medical Care Commission, Healthcare Facilities Revenue Bonds, Duke University
	Health System, Tender Option Bond Trust 11808, 22.053%, 6/01/42 (IF)
5,485	Total North Carolina
	Ohio – 6.6%
	Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco Settlement Asset-Backed Revenue
10.500	Bonds, Senior Lien, Series 2007A-2:
•	6.500%, 6/01/47
•	5.875%, 6/01/47
2,000	Greene County, Ohio, Hospital Facilities Revenue Bonds, Kettering Health Nretwork Series 2009,
1 200	5.375%, 4/01/34 Ohio Air Ovolity Poyologuent Authority Ohio Air Ovolity Poyonya Bondo Ohio Vollay Electric
1,200	Ohio Air Quality Development Authority, Ohio, Air Quality Revenue Bonds, Ohio Valley Electric Corporation Project, Series 2009E. Non-AMT, 5.625%, 10/01/19
2 000	Ohio Housing Finance Agency, Residential Mortgage Revenue Bonds, Mortgage-Backed Securities
2,000	Program, Tender Option Bond Trust 09-35W, 21.628%, 3/01/40 (IF)
1 000	Ohio State, Hospital Facility Revenue Refunding Bonds, Cleveland Clinic Health System
1,000	Obligated Group, Tender Option Bond Trust 3591, 20.102%, 1/01/39 (IF)
19 700	Total Ohio
17,700	Oklahoma – 0.4%
1 130	Tulsa Municipal Airport Trust, Oklahoma, Revenue Bonds, American Airlines Inc., Series 1992,
-,200	7.350%, 12/01/11

	Oregon – 0.8%
185	Oregon, Economic Development Revenue Bonds, Georgia Pacific Corp., Series 1995CLVII, 6.350%,
	8/01/25 (Alternative Minimum Tax) (4)
370	Oregon, Economic Development Revenue Refunding Bonds, Georgia Pacific Corp., Series 1997-183,
	5.700%, 12/01/25
1,500	Port Astoria, Oregon, Pollution Control Revenue Bonds, James River Project, Series 1993,
	6.550%, 2/01/15
2,055	Total Oregon
	Pennsylvania – 5.4%
1,000	Allegheny Country Industrial Development Authority, Allegheny County, Pennsylvania,
	Environmental Improvement Revenue Bonds, United States Steel Corporation Project,
	Refunding Series 2009, 6.750%, 11/01/24
1,335	Allegheny County Hospital Development Authority, Pennsylvania, Revenue Bonds, Ohio Valley
	General Hospital, Series 2005A, 5.125%, 4/01/35
1,000	Cumberland County Municipal Authority Revenue Bonds, Pennsylvania, Diakon Lutheran Social
	Ministries Project, Series 2009, 6.125%, 1/01/29
2,000	Luzerne County Industrial Development Authority, Pennsylvania, Guaranteed Lease Revenue Bonds,
	Series 2009, 7.750%, 12/15/27
25	Northumberland County Industrial Development Authority, Pennsylvania, Facility Revenue Bonds,
	NHS Youth Services Inc., Series 2002, 7.500%, 2/15/29
2,000	Pennsylvania Economic Development Finance Authority, Solid Waste Disposal Revenue Bonds (USG
	Corporation Project) Series 1999, 6.000%, 6/01/31 (Alternative Minimum Tax)
785	Pennsylvania Economic Development Financing Authority Health System Revenue Bonds Albert
	Einstein Healthcare Network Issue, Series 2009A, 6.250%, 10/15/23
1,000	Pennsylvania Economic Development Financing Authority, Sewage Sludge Disposal Revenue Bonds,
4.000	Philadelphia Biosolids Facility Project, Series 2009, 6.250%, 1/01/32
4,000	Pennsylvania Housing Finance Agency, Single Family Mortgage Revenue Bonds, Tender Option Bond
2 000	Trust 4657, 16.307%, 10/01/29 (IF) (5) Paragraphysis Truspiles Commission Truspiles Paragraphysis Conital Appropriation Sociae 2000F
3,000	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Capital Appreciation Series 2009E,
16 145	0.000%, 12/01/30 Total Pennsylvania
10,143	Puerto Rico – 1.7%
1 000	Puerto Rico Infrastructure Financing Authority, Special Tax Revenue Bonds, Series 2005C,
1,000	5.500%, 7/01/27 – AMBAC Insured
5 000	Puerto Rico Sales Tax Financing Corporation, Sales Tax Revenue Bonds, First Subordinate Series
3,000	2009A, 0.000%, 8/01/32
6.000	Total Puerto Rico
-,	Tennessee – 0.9%
	The Tennessee Energy Acquisition Corporation, Gas Revenue Bonds, Series 2006A:
50	5.250%, 9/01/24
	5.250%, 9/01/26

- 1,000 The Tennessee Energy Acquisition Corporation, Gas Revenue Bonds, Series 2006B, 5.625%, 9/01/26
 - 155 The Tennessee Energy Acquisition Corporation, Gas Revenue Bonds, Series 2006C, 5.000%, 2/01/24
- 2,605 Total Tennessee
 - Texas 6.8%
- 3,000 La Vernia Higher Education Financing Corporation, Texas, Charter School Revenue Bonds, Kipp Inc., Series 2009A, 6.250%, 8/15/39
- 2,000 Dallas-Ft. Worth International Airport Facility Improvement Corporation, Texas, Revenue Bonds, American Airlines Inc., Series 2007, 5.500%, 11/01/30 (Alternative Minimum Tax)
- 2,460 Harris County-Houston Sports Authority, Texas, Junior Lien Special Revenue Bonds, Series 1998B, 0.000%, 11/15/14 NPFG Insured
- 3,000 Humble Independent School District, Harris County, Texas, General Obligation Bonds, Series 2009, 5.000%, 2/15/34
- 1,225 Sabine River Authority, Texas, Pollution Control Revenue Bonds, TXU Energy Company LLC Project, Series 2001B, 5.750%, 5/01/30 (Mandatory put 11/01/11) (Alternative Minimum Tax)
- 1,000 Tarrant County Cultural and Educational Facilities Finance Corporaton, Texas, Retirement Facility Revenue Bonds, C.C. Young Memorial Home Project, Series 2009-B2, 6.500%, 2/15/14
- 1,205 Texas Municipal Gas Acquisition and Supply Corporation I, Gas Supply Revenue Bonds, Senior Lien Series 2008D, 6.250%, 12/15/26
 - 660 Texas Municipal Gas Acquisition and Supply Corporation I, Gas Supply Revenue Bonds, Series 2006A, 5.250%, 12/15/23
 - 810 Texas Private Activity Bond Surface Transporation Corporation, Senior Lien Revenue Bonds, NTE Mobility Partners LLC North Tarrant Express Managed Lanes Project, Series 2009, 6.875%, 12/31/39
- 1,500 Texas Public Finance Authority, Charter School Finance Corporation Revenue Bonds, Idea Public School Project, Series 2007A, 5.000%, 8/15/37 ACA Insured
- 20,000 Texas Turnpike Authority, Second Tier Revenue Bonds, Central Texas Turnpike System, Series 2002, 0.000%, 8/15/37 AMBAC Insured
- 36,860 Total Texas Utah – 1.6%
- 2,400 Riverton, Utah, Hospital Revenue Bonds, IHC Health Services, Inc., Tender Option Bonds Trust 3602, 22.422%, 8/15/41 (IF)
- 1,490 Utah Transit Authority, Sales Tax Revenue Bonds, Tender Option Bond Trust 11800, 22.067%, 6/15/35 NPFG Insured (IF)
- 3,890 Total Utah Virgin Islands – 0.1%
 - 250 Virgin Islands Public Finance Authority, Matching Fund Loan Notes Revenue Bonds, Subordinate Lien Series 2009A, 6.000%, 10/01/39 Virginia – 1.4%
 - 105 Bedford County Industrial Development Authority, Virginia, Industrial Development Revenue Refunding Bonds, Nekoosa Packaging Corporation, Series 1999, 6.300%, 12/01/25 (Alternative Minimum Tax) (4)

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2,000	Giles County Industrial Development Authority, Virginia, Exempt Facility Revenue Bonds,	4,
	Hoechst Celanese Project, Series 1996, 6.450%, 5/01/26	
1,640	Virginia State Housing Development Authority, Rental Housing Revenue Bonds, Tender Option	4/
	Bonds Trust 11799, 21.037%, 10/01/39 (IF)	
3,745	Total Virginia	
	Washington – 1.5%	
2,000	Washington Health Care Facilities Authority, Revenue Bonds, Fred Hutchinson Cancer Research	7/
	Center, Series 2009A, 6.000%, 1/01/33	
2,000	Washington State Higher Education Facilities Authority, Revenue Bonds, Whitworth University,	10/
	Series 2009, 5.625%, 10/01/40	
4,000	Total Washington	
	Wisconsin – 1.2%	
1,300	Milwaukee Redevelopment Authority, Wisconsin, Schlitz Park Mortgage Revenue Refunding Bonds,	1,
	Series 1998A, 5.500%, 1/01/17 (Alternative Minimum Tax)	
	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Froedtert Community	
	Health, Inc. Obligated Group, Tender Option Bond Trust 3592:	
1,000	22.163%, 4/01/34 (IF)	4/
1,000	23.414%, 4/01/39 (IF)	4/
3,300	Total Wisconsin	
\$ 296,147	Total Investments (cost \$271,861,627) – 98.8%	
	Other Assets Less Liabilities – 1.2%	
	Net Assets – 100%	

Investments in Derivatives

Forward Swaps outstanding at January 31, 2010:

		Fund	Floating	Fixed Fixed Rate		
	Notional	Pay/Receive	Rate	Rate Payment	Effective	Termination
Counterparty	Amount	Floating Rate	Index	(Annualized) Frequency	Date (6)	Date
Barclays Bank PLC	\$5,000,000	Receive	3-Month USD-LIBOR	4.705% Semi-Annually	2/11/11	2/11/40
JPMorgan	3,000,000	Receive	3-Month USD-LIBOR	4.758 Semi-Annually	1/14/11	1/14/40
Morgan Stanley	3,250,000	Receive	3-Month USD-LIBOR	4.698 Semi-Annually	1/28/11	1/28/40

Fair Value Measurements

In determining the value of the Fund's investments, various inputs are used. These inputs are summarized in the three broad levels listed below:

Level 1 – Quoted prices in active markets for identical securities.

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

Level 3 – Significant unobservable inputs (including management's assumptions in determining the fair value of investments).

The inputs or methodology used for valuing securities are not an indication of the risk associated with investing in those securities. The following is a summary of the Fund's fair value measurements as of January 31, 2010:

	Level 1	Level 2	Level 3	Total	
Investments:					
Municipal Bonds	\$\$2	\$\$265,000,411		\$ -\$265,000,411	
Derivatives:					
Forward Swaps*		(114,425)	_	(114,425)	
Total	\$\$2	64,885,986	\$ -\$26	54,885,986	

^{*} Represents net unrealized appreciation (depreciation).

Derivative Instruments and Hedging Activities

The Fund records derivative instruments at fair value, with changes in fair value recognized on the Statement of Operations, when applicable. Even though the Fund's investments in derivatives may represent economic hedges, they are considered to be non-hedge transactions for financial reporting purposes.

The following table presents the fair value of all derivative instruments held by the Fund as of January 31, 2010, the location of these instruments on the Statement of Assets and Liabilities, and the primary underlying risk exposure.

		Location on the State	e Statement of Assets and Liabilities		
Underlying	Derivative	Asset Derivatives	Liability Derivat	ives	
Risk Exposure	Instrument	Location	Value Location	Value	
Interest Rate	Forward Swaps	_	\$ —Unrealized	\$114,425	
			depreciation on		
			forward swaps*		

^{*} Represents cumulative appreciation (depreciation) of forward swap contracts as reported in the

Portfolio of Investments.

Income Tax Information

The following information is presented on an income tax basis. Differences between amounts for financial statement and federal income tax purposes are primarily due to timing differences in recognizing taxable market discount, timing differences in recognizing certain gains and losses on investment transactions and the treatment of investments in inverse floating rate securities reflected as financing transactions, if any. To the extent that differences arise that are permanent in nature, such amounts are reclassified within the capital accounts on the Statement of Assets and Liabilities presented in the annual report, based on their federal tax basis treatment; temporary differences do not require reclassification. Temporary and permanent differences do not impact the net asset value of the Fund.

At January 31, 2010, the cost of investments was \$271,809,018.

Gross unrealized appreciation and gross unrealized depreciation of investments at January 31, 2010, were as follows:

Gross unrealized:

Appreciation \$2,662,517

Depreciation (9,471,124)

Net unrealized appreciation (depreciation) of investments \$(6,808,607)

- (1) All percentages shown in the Portfolio of Investments are based on net assets.
- (2) Optional Call Provisions: Dates (month and year) and prices of the earliest optional call or redemption. There may be other call provisions at varying prices at later dates. Certain mortgage-backed securities may be subject to periodic principal paydowns.
 - (3) Ratings: Using the higher of Standard & Poor's Group ("Standard & Poor's") or Moody's Investor Service, Inc. ("Moody's") rating. Ratings below BBB by Standard & Poor's or Baa by Moody's are considered to be below investment grade.
 - (4) The issuer has received a formal adverse determination from the Internal Revenue Service (the "IRS") regarding the tax-exempt status of the bonds' coupon payments. The Fund will continue to treat coupon payments as tax-exempt income until such time that it is formally determined that the interest on the bonds should be treated as taxable.
 - (5) Investment, or portion of investment, has been pledged to collateralize the net payment obligations for investments in derivatives.
 - (6) Effective date represents the date on which both the Fund and Counterparty commence interest payment accruals on each forward swap contract.

N/R Not rated.

WI/DD Purchased on a when-issued or delayed delivery basis.

(IF) Inverse floating rate investment.

USD-LIBOR United States Dollar-London Inter-Bank Offered Rate

Item 2. Controls and Procedures.

- a. The registrant's principal executive and principal financial officers, or persons performing similar functions, have concluded that the registrant's disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended (the "1940 Act") (17 CFR 270.30a-3(c))) are effective, as of a date within 90 days of the filing date of this report that includes the disclosure required by this paragraph, based on their evaluation of the controls and procedures required by Rule 30a-3(b) under the 1940 Act (17 CFR 270.30a-3(b)) and Rule 13a-15(b) or 15d-15(b) under the Securities Exchange Act of 1934 (17 CFR 240.13a-15(b) or 240.15d-15(b)).
- b. There were no changes in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the 1940 Act (17 CFR 270.30a-3(d)) that occurred during the registrant's last fiscal quarter that have materially affected, or are reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 3. Exhibits.

File as exhibits as part of this Form a separate certification for each principal executive officer and principal financial officer of the registrant as required by Rule 30a-2(a) under the 1940 Act (17 CFR 270.30a-2(a)), exactly as set forth below: See EX-99 CERT attached hereto.

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.

(Registrant) Nuveen Enhanced Municipal Value

By (Signature and Title) /s/ Kevin J. McCarthy

Kevin J. McCarthy

Vice President and Secretary

Date April 1, 2010

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 (Signature and Title) /s/ Gifford R. Zimmerman

Gifford R. Zimmerman

Chief Administrative Officer (principal executive officer)

Date April 1, 2010

By (Signature and Title) /s/ Stephen D. Foy

Stephen D. Foy

Vice President and Controller (principal financial officer)

Date April 1, 2010