Nuveen AMT-Free Municipal Value Fund Form N-Q April 01, 2013

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 811-22253

Nuveen AMT-Free Municipal Value Fund (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: 1/31/13

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 AMT-Free Municipal Value Fund (NUW) January 31, 2013

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
	Alaska – 0.6%			
	Northern Tobacco Securitization Corporation,			
	Alaska, Tobacco Settlement Asset-Backed			
	Bonds,			
	Series 2006A:			
\$ 1,045	4.625%, 6/01/23	6/14 at 100.00	Ba1	\$ 1,049,295
350	5.000%, 6/01/46	6/14 at 100.00	B+	309,341
1,395	Total Alaska			1,358,636
	Arizona – 4.2%			
	Arizona School Facilities Board, Certificates			
	of Participation, Series 2003A, 5.000%,			
1,520	9/01/13 –	No Opt. Call	A+	1,562,545
	NPFG Insured			
	Maricopa County Pollution Control			
	Corporation, Arizona, Pollution Control			
4,000	Revenue Bonds, El	2/19 at 100.00	BBB	4,782,760
	Paso Electric Company, Refunding Series			
	2009A, 7.250%, 2/01/40			
	Salt Verde Financial Corporation, Arizona,			
	Senior Gas Revenue Bonds, Citigroup Energy			
3,045	Inc	No Opt. Call	A-	3,499,801
	Prepay Contract Obligations, Series 2007,			
	5.000%, 12/01/37			
8,565	Total Arizona			9,845,106
	California – 9.7%			
	California State Public Works Board, Lease			
	Revenue Bonds, Department of General			
2,500	Services	4/19 at 100.00	A2	3,013,550
	Buildings 8 & 9, Series 2009A, 6.250%,			
	4/01/34			
	California State, General Obligation Bonds,			
	Tender Option Bond Trust 3162, 19.745%,			
500	3/01/18 –	No Opt. Call	AA-	841,220
	AGM Insured (IF)			

	Golden State Tobacco Securitization Corporation, California, Enhanced Tobacco Settlement			
	Asset-Backed Revenue Bonds, Series 2005A:			
2,365	5.000%, 6/01/45	6/15 at 100.00	A2	2,462,864
1,290	5.000%, 6/01/45 – AMBAC Insured Golden State Tobacco Securitization Corporation, California, Tobacco Settlement	6/15 at 100.00	A2	1,343,380
3,635	Asset-Backed Bonds, Series 2007A-1, 5.000%, 6/01/33 Lodi Unified School District, San Joaquin County, California, General Obligation	6/17 at 100.00	В	3,384,476
1,750	Bonds, Election 2002 Series 2004, 5.000%, 8/01/29 (Pre-refunded 8/01/13) – AGM Insured M-S-R Energy Authority, California, Gas Revenue Bonds, Series 2009A, 6.500%,	8/13 at 100.00	AA- (4)	1,792,158
450	11/01/39 Palomar Pomerado Health, California, General Obligation Bonds, Series 2009A, 0.000%,	No Opt. Call	A	625,113
10,200	8/01/38 – AGC Insured Victor Elementary School District, San	8/29 at 100.00	AA-	8,947,643
700	Bernardino County, California, General Obligation Bonds, Series 2002A, 0.000%, 8/01/24 – FGIO	No Opt. Call	Aa3	450,310
23,390	Insured Total California Colorado – 5.1%			22,860,714
5,000	Denver City and County, Colorado, Airport System Revenue Bonds, Series 2005A, 5.000%, 11/15/25 – SYNCORA GTY Insured E-470 Public Highway Authority, Colorado, Toll Revenue Bonds, Series 2004B, 0.000%,	11/15 at 100.00	A+	5,495,450
3,605	9/01/27 – NPFG Insured Park Creek Metropolitan District, Colorado, Senior Property Tax Supported Revenue	9/20 at 67.94 12/19 at	BBB	1,759,961
4,000	Bonds, Series 2009, 6.375%, 12/01/37 – AGC Insured	100.00	AA-	4,699,960
12,605	Total Colorado Florida – 8.1% Miami-Dade County, Florida, Aviation			11,955,371
9,500	Revenue Bonds, Miami International Airport, Series 2009A, 5.500%, 10/01/41 Miami-Dade County, Florida, General Obligation Bonds, Build Better Communities Program, Series 2009-B1:	10/19 at 100.00	A	10,841,779

2,500	6.000%, 7/01/38	7/18 at 100.00	Aa2	2,959,400
2,000	5.625%, 7/01/38	7/18 at 100.00	Aa2	2,329,620
	Tolomato Community Development District,			
	Florida, Special Assessment Bonds,			
300	Convertible,	5/17 at 100.00	N/R	215,307
	Capital Appreciation, Series 2012A-2,			
	0.000%, 5/01/39			
	Tolomato Community Development District,			
	Florida, Special Assessment Bonds,			
865	•	5/19 at 100.00	N/R	498,404
	Capital Appreciation, Series 2012A-3,			
	0.000%, 5/01/40			
	Tolomato Community Development District,			
	Florida, Special Assessment Bonds,			
375	•	5/22 at 100.00	N/R	158,959
	Capital Appreciation, Series 2012A-4,			
	0.000%, 5/01/40			
	Tolomato Community Development District,			
525	Florida, Special Assessment Bonds, Hope	5/10 × 100 00	N/D	_
525	•	5/18 at 100.00	N/R	5
	2007-3, 6.450%, 5/01/23 (5)			
	Tolomato Community Development District,			
70	Florida, Special Assessment Bonds, Non	5/10 at 100 00	N/D	20.020
70	E	5/18 at 100.00	N/R	38,028
	ParcelSeries 2007-1. RMKT, 6.450%, 5/01/23 (5)			
	Tolomato Community Development District,			
	Florida, Special Assessment Bonds, Refunding			
910	-	5/17 at 100.00	N/R	893,666
210	2012A-1, 6.450%, 5/01/23	5/17 at 100.00	17/10	0,5,000
	Tolomato Community Development District,			
2,120	· · · · · · · · · · · · · · · · · · ·	5/18 at 100.00	N/R	979,398
2,120	Southern/Forbearance Parcel Series 2007-2,	5,10 u t 100.00	1771	<i>5173,870</i>
	6.450%, 5/01/23 (5)			
19,165	Total Florida			18,914,566
- ,	Georgia – 0.8%			-,-
	Atlanta, Georgia, Tax Allocation Bonds,			
	Beltline Project Series 2008A. Remarketed,			
485		1/19 at 100.00	A2	596,734
	Clayton County Development Authority,			
	Georgia, Special Facilities Revenue Bonds,			
1,000	Delta Air	6/20 at 100.00	В-	1,256,740
	Lines, Inc. Project, Series 2009A, 8.750%,			
	6/01/29			
1,485	Total Georgia			1,853,474
	Illinois – 10.5%			
	Chicago, Illinois, General Obligation Bonds,			
3,000	City Colleges, Series 1999, 0.000%, 1/01/37 –	No Opt. Call	Aa3	963,690
	FGIC Insured			
260	e e	1/16 at 100.00	Aa2	285,519
	District 210 Lemont, Illinois, General			

	Obligation Bonds, Refunding Series 2006, 5.000%, 1/01/26 –			
	NPFG Insured			
	Cook and DuPage Counties High School			
	District 210 Lemont, Illinois, General			
465	Obligation Bonds,	1/16 at 100.00	Aa2 (4)	525,004
	Refunding Series 2006, 5.000%, 1/01/26			
	(Pre-refunded 1/01/16) – NPFG Insured			
	Cook County Township High School District			
	225 Northfield, Illinois, General Obligation			
1,885	Bonds,	No Opt. Call	AAA	1,836,405
	Capital Appreciation Refunding Series 2002B,			
	0.000%, 12/01/15 – NPFG Insured Illinois Finance Authority, Revenue Bonds,			
	Northwestern Memorial Hospital, Series			
5,035	2009A,	8/19 at 100.00	AA+	5,924,131
5,055	6.000%, 8/15/39	0/15 40 100.00	1111	3,72 1,131
	Illinois Finance Authority, Revenue Bonds,			
	OSF Healthcare System, Series 2009A,			
3,500	7.125%, 11/15/37	5/19 at 100.00	A	4,396,315
	Illinois Finance Authority, Revenue Bonds,			
	Rush University Medical Center Obligated	11/18 at		
5,000	Group,	100.00	A2	6,272,949
	Series 2009A, 7.250%, 11/01/38			
	Illinois Finance Authority, Student Housing			
3,970	Revenue Bonds, Educational Advancement Fund Inc.,	5/17 at 100.00	BBB+	4,201,689
3,970	Refunding Series 2007A, 5.250%, 5/01/34	3/17 at 100.00	БББ∓	4,201,009
	Will County Community Unit School District			
	201U, Crete-Monee, Will County, Illinois,			
560	General	No Opt. Call	A+	384,434
	Obligation Bonds, Capital Appreciation Series	•		
	2004, 0.000%, 11/01/23 - FGIC Insured			
23,675	Total Illinois			24,790,136
	Indiana – 5.5%			
	Indiana Finance Authority, Hospital Revenue			
<i>5</i> ,000	Bonds, Deaconess Hospital Obligated Group,	2/10 -+ 100 00	۸.	5 005 000
5,000	Series	3/19 at 100.00	A+	5,905,800
	2009A, 6.750%, 3/01/39 Indiana Health Facility Financing Authority,			
	Revenue Bonds, Community Foundation of			
3,650	Northwest	3/17 at 100.00	A-	3,994,451
-,	Indiana, Series 2007, 5.500%, 3/01/37			-,,
	Indiana Municipal Power Agency, Power			
	Supply System Revenue Bonds, Series			
2,000	2009B,	1/19 at 100.00	A+	2,399,160
	6.000%, 1/01/39			
	Indianapolis Local Public Improvement Bond			
1 000	Bank, Indiana, Series 1999E, 0.000%, 2/01/25	N. O . O .	A 4	710 000
1,000	- AMPAC Insured	No Opt. Call	AA	712,230
	AMBAC Insured			

11,650	Total Indiana Iowa – 1.2%			13,011,641
	Iowa Tobacco Settlement Authority, Asset			
	Backed Settlement Revenue Bonds, Series			
3,025	2005C,	6/15 at 100.00	B+	2,889,904
	5.375%, 6/01/38			
	Kansas – 0.3%			
	Wyandotte County-Kansas City Unified			
955	Government, Kansas, Sales Tax Special Obligation Capital	No Ont Coll	BBB+	620 701
933	Appreciation Revenue Bonds Redevelopment	No Opt. Call	DDD+	630,701
	Project Area B – Major Multi-Sport Athletic			
	Complex			
	Project, Subordinate Lien Series 2010B,			
	0.000%, 6/01/21			
	Louisiana – 7.4%			
	Louisiana Citizens Property Insurance			
	Corporation, Assessment Revenue Bonds,			
5,000	Series 2006C-3,	6/18 at 100.00	AA–	6,086,900
	6.125%, 6/01/25 – AGC Insured			
	Louisiana Public Facilities Authority, Revenue	2		
	Bonds, Ochsner Clinic Foundation Project, Series 2007A:			
7,000	5.375%, 5/15/43	5/17 at 100.00	Baa1	7,419,299
275	5.500%, 5/15/47	5/17 at 100.00	Baa1	293,191
	St John Baptist Parish, Louisiana, Revenue			, .
	Bonds, Marathon Oil Corporation, Series			
3,255	2007A,	6/17 at 100.00	BBB	3,483,371
	5.125%, 6/01/37			
15,530	Total Louisiana			17,282,761
	Maine – 2.0%			
	Maine Health and Higher Educational	_		
3,335	Facilities Authority, Revenue Bonds, Bowdoir	7/19 at 100.00	Aa2	4,754,276
3,333	College, Tender Option Bond Trust 2009-5B, 13.740%		AdZ	4,734,270
	7/01/39 (IF) (6)	,		
	Massachusetts – 0.6%			
	Massachusetts Water Pollution Abatement			
	Trust, Pooled Loan Program Bonds, Tender			
1,000	Option Bond	8/19 at 100.00	AAA	1,491,120
	Trust 2989, 13.354%, 8/01/38 (IF)			
	Michigan – 4.0%			
	Detroit Water Supply System, Michigan,			
2 100	Water Supply System Revenue Bonds, Refunding Senior	7/16 at 100.00	AA-	2 247 022
3,100	Lien Series 2006D, 5.000%, 7/01/32 – AGM	7/10 at 100.00	AA-	3,247,932
	Insured			
	Detroit, Michigan, Second Lien Sewerage			
	Disposal System Revenue Bonds, Series			
5,000	2005A, 5.000%,	7/15 at 100.00	A	5,092,550
	7/01/35 – NPFG Insured			

	Huron Valley School District, Oakland and Livingston Counties, Michigan, General			
1,050	Obligation Bonds, Refunding Series 2008, 5.000%,	No Opt. Call	Aa2	1,062,254
9,150	5/01/13 – AGM Insured Total Michigan			9,402,736
	Nevada – 3.3% Clark County Water Reclamation District,			
	Nevada, General Obligation Water Bonds,			
1,000	Series 2009A,	7/19 at 100.00	AAA	1,202,800
	5.250%, 7/01/34			
	Clark County, Nevada, Senior Lien Airport			
250	Revenue Bonds, Series 2005A, 5.000%,	7/15 -4 100 00	A = 2	269 710
250	7/01/40 – AMBAC Insured	7/15 at 100.00	Aa2	268,710
	Las Vegas Redevelopment Agency, Nevada,			
5,415	Tax Increment Revenue Bonds, Series 2009A,	6/19 at 100 00	BBB-	6,215,337
5,415	8.000%, 6/15/30	0/17 at 100.00	БББ	0,213,337
6,665	Total Nevada			7,686,847
-,	New Jersey – 2.8%			.,,.
	New Jersey Educational Facilities Authority,			
	Revenue Refunding Bonds, University of			
	Medicine			
	and Dentistry of New Jersey, Series 2009B:			
2,135	7.125%, 12/01/23	6/19 at 100.00	A –	2,732,587
3,000	7.500%, 12/01/32	6/19 at 100.00	A–	3,764,370
5,135	Total New Jersey			6,496,957
	New York – 1.6% Liberty Dayslopment Corporation, New York			
	Liberty Development Corporation, New York, Goldman Sachs Headquarters Revenue Bonds	,		
3,000	Series	No Opt. Call	A	3,709,410
2,000	2007, 5.500%, 10/01/37	110 Opt. Cun	11	3,703,110
	Port Authority of New York and New Jersey,	12/20 at		
130	Special Project Bonds, JFK International Air	100.00	BBB-	154,938
	Terminal LLC Project, Eighth Series 2010,			
	6.000%, 12/01/42			
3,130	Total New York			3,864,348
	Ohio – 6.7%			
	American Municipal Power Ohio Inc., Genera	1		
7.000	Revenue Bonds, Prairie State Energy Campus	2/10 / 100 00		5.724.000
5,000	Project Series 2000 A 5 7500/ 2/15/20 A CC Incurs	2/19 at 100.00	AA-	5,734,900
	Series 2009A, 5.750%, 2/15/39 – AGC Insured Buckeye Tobacco Settlement Financing	u		
	Authority, Ohio, Tobacco Settlement			
	Asset-Backed Revenue			
	Bonds, Senior Lien, Series 2007A-2:			
2,115	5.875%, 6/01/30	6/17 at 100.00	В	1,939,476
5,910	6.500%, 6/01/47	6/17 at 100.00	В	5,774,484
	Ohio State Higher Educational Facilities			
	Commission, Hospital Revenue Bonds,			
2,000	University	1/15 at 100.00	A (4)	2,245,580

15,025	Hospitals Health System, Series 2009, 6.750%, 1/15/39 (Pre-refunded 1/15/15) Total Ohio Puerto Rico – 4.8%			15,694,440
4,390	Puerto Rico Aqueduct and Sewerage Authority, Revenue Bonds, Senior Lien Series 2008A, 6.000%, 7/01/44	7/18 at 100.00	ВВВ	4,538,031
500	Puerto Rico Highway and Transportation Authority, Highway Revenue Bonds, Series 2003G, 5.000%, 7/01/22 – FGIC Insured Puerto Rico Sales Tax Financing Corporation,	No Opt. Call	ВВВ	505,560
3,000	Sales Tax Revenue Bonds, First Subordinate Series 2009A, 6.000%, 8/01/42 Puerto Rico Sales Tax Financing Corporation,	8/19 at 100.00	A+	3,305,280
2,500 10,390	Sales Tax Revenue Bonds, Tender Option Bonds Trust 11851, 18.746%, 2/01/16 (IF) Total Puerto Rico	No Opt. Call	AA-	2,964,900 11,313,771
3,000	Rhode Island – 2.9% Rhode Island Health and Educational Building Corporation, Hospital Financing Revenue Bonds, Lifespan Obligated Group Issue, Series	5/19 at 100.00	A-	3,531,390
3,240 6,240	2009A, 7.000%, 5/15/39 Rhode Island Tobacco Settlement Financing Corporation, Tobacco Settlement Asset-Backed Bonds, Series 2002A, 6.125%, 6/01/32 Total Rhode Island	6/13 at 100.00	BBB+	3,272,368 6,803,758
5,435	South Carolina – 1.3% Piedmont Municipal Power Agency, South Carolina, Electric Revenue Bonds, Series 2004A-2, 0.000%, 1/01/29 – AMBAC Insured Texas – 5.8%	No Opt. Call	AA-	3,020,501
3,550	Ennis Independent School District, Ellis County, Texas, General Obligation Bonds, Series 2006, 0.000%, 8/15/31 North Texas Tollway Authority, Second Tier	8/16 at 46.64	Aaa	1,534,346
5,300	System Revenue Refunding Bonds, Series 2008F, 5.750%, 1/01/38 Richardson Hospital Authority, Texas,	1/18 at 100.00	A3	5,888,512
5,000	Revenue Bonds, Richardson Regional Medical Center,	12/13 at 100.00	A+	5,114,600
1,000	Series 2004, 6.000%, 12/01/34	No Opt. Call	Aaa	1,025,610

	Texas State, General Obligation Bonds, Public	;		
	Financing Authority, Refunding Series 2011,			
	4.000%, 10/01/13			
14,850	Total Texas			13,563,068
	Virgin Islands – 0.5%			
	Virgin Islands Public Finance Authority,			
	Matching Fund Revenue Loan Note – Diageo	10/19 at		
1,000	Project,	100.00	BBB	1,179,320
	Series 2009A, 6.750%, 10/01/37			
	Virginia – 1.1%			
	Washington County Industrial Development			
2,000	Authority, Virginia, Hospital Revenue Bonds,	1/19 at 100.00	BBB+	2,491,180
	Mountain States Health Alliance, Series			
	2009C, 7.750%, 7/01/38			
	Wisconsin – 7.6%			
	Wisconsin Health and Educational Facilities			
	Authority, Revenue Bonds, Aurora Healthcare			
5,000	Inc.,	4/13 at 100.00	A	5,031,150
	Series 2003, 6.400%, 4/15/33			
	Wisconsin Health and Educational Facilities			
4 700	Authority, Revenue Bonds, ProHealth Care,	• 400.00		4 = 6 = 00 =
1,500	Inc.	2/19 at 100.00	A+	1,767,885
	Obligated Group, Series 2009, 6.625%,			
	2/15/39			
	Wisconsin State, General Fund Annual			
0.000	Appropriation Revenue Bonds, Refunding	5/10 × 100 00		11 000 120
9,000	Series 2009A,	5/19 at 100.00	AA-	11,009,429
15.500	6.000%, 5/01/36			17 000 464
15,500	Total Wisconsin	H		17,808,464
\$ 220,295	Total Investments (cost \$185,849,368) – 98.49	/ 0		230,963,796
	Other Assets Less Liabilities – 1.6%			3,800,827
	Net Assets – 100%			\$ 234,764,623

Fair Value Measurements

Fair value is defined as the price that the Funds would receive upon selling an investment or transferring a liability in an orderly transaction to an independent buyer in the principal or most advantageous market for the investment. A three-tier hierarchy is used to maximize the use of observable market data and minimize the use of unobservable inputs and to establish classification of fair value measurements for disclosure purposes. Observable inputs reflect the assumptions market participants would use in pricing the asset or liability. Observable inputs are based on market data obtained from sources independent of the reporting entity. Unobservable inputs reflect the reporting entity's own assumptions about the assumptions market participants would use in pricing the asset or liability. Unobservable inputs are based on the best information available in the circumstances. The following is a summary of the three-tiered hierarchy of valuation input levels.

Level 1 – Inputs are unadjusted and prices are determined using quoted prices in active markets for identical securities.

Level 2 – Prices are determined using other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).

Level 3 – Prices are determined using significant unobservable inputs (including management's assumptions in determining the fair value of investments).

The inputs or methodologies used for valuing securities are not an indication of the risks associated with investing in those securities.

The following is a summary of the Fund's fair value measurements as of the end of the reporting period:

	Level 1	Level 2	Level 3	Total
Long-Term Investments:				
Municipal Bonds	\$ —	- \$230,963,796	\$ —	- \$230,963,796

The Nuveen funds' Board of Directors/Trustees is responsible for the valuation process and has delegated the oversight of the daily valuation process to the Adviser's Valuation Committee. The Valuation Committee, pursuant to the valuation policies and procedures adopted by the Board of Directors/Trustees, is responsible for making fair value determinations, evaluating the effectiveness of the funds' pricing policies, and reporting to the Board of Directors/Trustees. The Valuation Committee is aided in its efforts by the Adviser's dedicated Securities Valuation Team, which is responsible for administering the daily valuation process and applying fair value methodologies as approved by the Valuation Committee. When determining the reliability of independent pricing services for investments owned by the funds, the Valuation Committee, among other things, conducts due diligence reviews of the pricing services and monitors the quality of security prices received through various testing reports conducted by the Securities Valuation Team.

The Valuation Committee will consider pricing methodologies it deems relevant and appropriate when making fair value determinations. Examples of possible methodologies include, but are not limited to, multiple of earnings; discount from market of a similar freely traded security; discounted cash-flow analysis; book value or a multiple thereof; risk premium/yield analysis; yield to maturity; and/or fundamental investment analysis. The Valuation

Committee will also consider factors it deems relevant and appropriate in light of the facts and circumstances. Examples of possible factors include, but are not limited to, the type of security; the issuer's financial statements; the purchase price of the security; the discount from market value of unrestricted securities of the same class at the time of purchase; analysts' research and observations from financial institutions; information regarding any transactions or offers with respect to the security; the existence of merger proposals or tender offers affecting the security; the price and extent of public trading in similar securities of the issuer or comparable companies; and the existence of a shelf registration for restricted securities.

For each portfolio security that has been fair valued pursuant to the policies adopted by the Board of Directors/Trustees, the fair value price is compared against the last available and next available market quotations. The Valuation Committee reviews the results of such testing and fair valuation occurrences are reported to the Board of Directors/Trustees.

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.

As of January 31, 2013, the cost of investments was \$185,014,297.

Gross unrealized appreciation and gross unrealized depreciation of investments as of January 31, 2013, were as follows:

Gross unrealized:

Appreciation \$46,025,641

Depreciation (76,142)

Net unrealized appreciation (depreciation) of investments \$45,949,499

- (1) All percentages shown in the Portfolio of Investments are based on net assets.

 Optional Call Provisions: Dates (month and year) and prices of the earliest optional call or redemption.
- (2) 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 highest of Standard & Poor's Group ("Standard & Poor's"), Moody's Investors Service, Inc. ("Moody's") or Fitch, Inc. ("Fitch") rating. Ratings below BBB by Standard & Poor's, Baa by Moody's or BBB by Fitch are considered to be below investment grade. Holdings designated N/R are not rated by any of these national rating agencies.
 - Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency
- (4) securities, which ensure the timely payment of principal and interest. Certain bonds backed by U.S. Government or agency securities are regarded as having an implied rating equal to the rating of such securities.
- (5) At or subsequent to the end of the reporting period, this security is non-income producing. Non-income producing security, in the case of a fixed-income security, generally denotes that the issuer has (1)

defaulted on the payment of principal or interest, (2) is under the protection of the Federal Bankruptcy Court

- or (3) the Fund's Adviser has concluded that the issue is not likely to meet its future interest payment obligations and has directed the Fund's custodian to cease accruing additional income on the Fund's records.
- (6) Investment, or portion of investment, has been pledged to collateralize the net payment obligations of investments in inverse floating rate transactions.
- N/R Not rated.
- (IF) Inverse floating rate investment.

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 AMT-Free Municipal Value Fund

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

Kevin J. McCarthy

Vice President and Secretary

Date: April 1, 2013

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, 2013

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

Stephen D. Foy

Vice President and Controller (principal financial officer)

Date: April 1, 2013