Nuveen AMT-Free Municipal Value Fund Form N-Q April 01, 2014

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: 1/31/14

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, 2014

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
	LONG-TERM INVESTMENTS – 101.6%			
	MUNICIPAL BONDS – 101.6%			
	Alaska – 0.5%			
	Northern Tobacco Securitization Corporation,			
	Alaska, Tobacco Settlement Asset-Backed			
	Bonds, Series 2006A:			
¢ 055		6/14 at 100 00	Da1	¢ 000 000
\$ 955	4.625%, 6/01/23	6/14 at 100.00	Ba1	\$ 900,899
350	5.000%, 6/01/46	6/14 at 100.00	B2	242,830
1,305	Total Alaska Arizona – 3.5%			1,143,729
	Maricopa County Pollution Control			
4,000	Corporation, Arizona, Pollution Control Revenue Bonds, El	2/19 at 100.00	Baa1	4,458,320
4,000	·	2/19 at 100.00	Daai	4,436,320
	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-	3,083,032
3,043	Prepay Contract Obligations, Series 2007,	No Opt. Can	A-	3,003,032
	5.000%, 12/01/37			
7,045	Total Arizona			7,541,352
7,043	California – 9.1%			7,541,552
	California State Public Works Board, Lease			
	Revenue Bonds, Department of General			
2,500	Services	4/19 at 100.00	A2	2,861,650
2,500	Buildings 8 & 9, Series 2009A, 6.250%,	1/1/ dt 100.00	112	2,001,030
	4/01/34			
	California State, General Obligation Bonds,			
	Tender Option Bond Trust 3162, 19.955%,			
500	3/01/18 –	No Opt. Call	AA	716,820
	AGM Insured (IF)	Tio opii cuii		, 10,020
	Golden State Tobacco Securitization			
	Corporation, California, Enhanced Tobacco			
	Settlement			

	A seat Booked Davanua Danda Sarias 2005 A.			
2,365	Asset-Backed Revenue Bonds, Series 2005A: 5.000%, 6/01/45	6/15 at 100.00	A2	2,318,977
1,350	5.000%, 6/01/45 – AMBAC Insured	6/15 at 100.00	A2 A2	1,323,729
1,330	Golden State Tobacco Securitization	0/13 at 100.00	AZ	1,323,729
	Corporation, California, Tobacco Settlement			
2 625	Asset-Backed	6/17 at 100.00	В	2 702 807
3,635		0/17 at 100.00	Б	2,792,807
	Bonds, Series 2007A-1, 5.000%, 6/01/33			
	M-S-R Energy Authority, California, Gas			
450	Revenue Bonds, Citigroup Prepay Contracts,	No Ont Coll	٨	<i>55</i> 0.950
450	Series	No Opt. Call	A	550,859
	2009A, 6.500%, 11/01/39			
	Palomar Pomerado Health, California, General			
10.200	Obligation Bonds, Series 2009A, 0.000%,	0/20 -4 100 00	A A	0.512.200
10,200	8/01/38 –	8/29 at 100.00	AA-	8,512,308
	AGC Insured			
	Victor Elementary School District, San			
700	Bernardino County, California, General	No Ont Coll	A = 2	449 242
700	Obligation	No Opt. Call	Aa3	448,343
	Bonds, Series 2002A, 0.000%, 8/01/24 – FGIC			
21.700	Insured Tatal California			10 525 402
21,700	Total California			19,525,493
	Colorado – 6.2%			
	Denver City and County, Colorado, Airport	11/15 -4		
5,000	System Revenue Bonds, Series 2005A,	11/15 at	۸.	5 222 550
5,000	5.000%, 11/15/25 – SYNCORA GTY Insured	100.00	A+	5,332,550
	E-470 Public Highway Authority, Colorado,			
5 005	Toll Revenue Bonds, Series 2004A, 0.000%,	No Opt Call	A	1 767 501
5,885	9/01/34 – NPFG Insured	No Opt. Call	А	1,767,501
	E-470 Public Highway Authority, Colorado,			
3,605	Toll Revenue Bonds, Series 2004B, 0.000%, 9/01/27 –	9/20 at 67.94	A	1,750,480
3,003	NPFG Insured	9/20 at 07.94	А	1,730,460
	Park Creek Metropolitan District, Colorado,			
	Senior Property Tax Supported Revenue	12/19 at		
4,000	Bonds,	100.00	AA-	4,427,160
4,000	Series 2009, 6.375%, 12/01/37 – AGC Insured	100.00	AA-	4,427,100
18,490	Total Colorado			13,277,691
10,470	Florida – 8.4%			13,277,071
	Miami-Dade County, Florida, Aviation			
	Revenue Bonds, Miami International Airport,	10/19 at		
9,500	Series 2009A,	100.00	A	10,020,885
>,500	5.500%, 10/01/41 (UB) (4)	100.00	11	10,020,003
	Miami-Dade County, Florida, General			
	Obligation Bonds, Build Better Communities			
	Program,			
	Series 2009-B1:			
2,500	6.000%, 7/01/38	7/18 at 100.00	AA	2,810,225
2,000	5.625%, 7/01/38	7/18 at 100.00	AA	2,215,620
300	2.220,	5/17 at 100.00	N/R	220,662
200		2.1, 20100	- 1/12	

	Tolomato Community Development District, Florida, Special Assessment Bonds,			
	Convertible, Capital Appreciation, Series 2012A-2, 0.000%, 5/01/39			
	Tolomato Community Development District, Florida, Special Assessment Bonds,			
865	Convertible,	5/19 at 100.00	N/R	518,723
	Capital Appreciation, Series 2012A-3, 0.000%, 5/01/40			,
	Tolomato Community Development District,			
275	Florida, Special Assessment Bonds,	5/00 + 100 00	N/D	166 621
375	Convertible,	5/22 at 100.00	N/R	166,631
	Capital Appreciation, Series 2012A-4, 0.000%, 5/01/40			
	Tolomato Community Development District,			
525	Florida, Special Assessment Bonds, Hope Note, Series	5/18 at 100.00	N/R	5
323	2007-3, 6.450%, 5/01/23 (5)	3/16 at 100.00	1 \/ 1 \	3
	Tolomato Community Development District,			
	Florida, Special Assessment Bonds, Non			
45	Performing	5/18 at 100.00	N/R	44,402
10	ParcelSeries 2007-1. RMKT, 6.450%, 5/01/23	2710 41 100.00	11/11	, 2
	(5)			
	Tolomato Community Development District,			
	Florida, Special Assessment Bonds, Refunding			
910	Series	5/17 at 100.00	N/R	868,258
	2012A-1, 6.450%, 5/01/23			
	Tolomato Community Development District,			
2,120	Florida, Special Assessment Bonds,	5/18 at 100.00	N/R	1,206,322
	Southern/Forbearance Parcel Series 2007-2,			
	6.450%, 5/01/23 (5)			
19,140	Total Florida			18,071,733
	Georgia – 0.8%			
175	Atlanta, Georgia, Tax Allocation Bonds,	1/10 -+ 100 00	4.2	555 560
475	Beltline Project Series 2008A. Remarketed,	1/19 at 100.00	A2	555,560
	7.500%, 1/01/31 Clayton County Development Authority,			
	Georgia, Special Facilities Revenue Bonds,			
1,000	Delta Air	6/20 at 100.00	B+	1,183,440
1,000	Lines, Inc. Project, Series 2009A, 8.750%,	0/20 at 100.00	Б	1,103,440
	6/01/29			
1,475	Total Georgia			1,739,000
	Illinois – 11.1%			
	Chicago, Illinois, General Obligation Bonds,			
3,000	City Colleges, Series 1999, 0.000%, 1/01/37 –	No Opt. Call	A+	751,950
	FGIC Insured			
	Cook and DuPage Counties High School			
260	District 210 Lemont, Illinois, General	1/1/ / 100 00	4 2	075 577
260	Obligation Bonds,	1/16 at 100.00	Aa2	275,577

	Refunding Series 2006, 5.000%, 1/01/26 – NPFG Insured			
	Cook and DuPage Counties High School District 210 Lemont, Illinois, General			
465	Obligation Bonds, Refunding Series 2006, 5.000%, 1/01/26 (Pre-refunded 1/01/16) – NPFG Insured Cook County Township High School District	1/16 at 100.00	Aa2 (6)	506,315
1,885	225 Northfield, Illinois, General Obligation Bonds, Capital Appreciation Refunding Series 2002B, 0.000%, 12/01/15 – NPFG Insured Illinois Finance Authority, Revenue Bonds,	No Opt. Call	AAA	1,857,818
5,035	Northwestern Memorial Hospital, Series 2009A, 6.000%, 8/15/39	8/19 at 100.00	AA+	5,680,739
2.500	Illinois Finance Authority, Revenue Bonds,	5/10 × 100 00		4 151 705
3,500	OSF Healthcare System, Series 2009A, 7.125%, 11/15/37	5/19 at 100.00	A	4,151,735
	Illinois Finance Authority, Revenue Bonds, Rush University Medical Center Obligated	11/18 at		
5,000	Group,	100.00	A+	5,898,300
	Series 2009A, 7.250%, 11/01/38 Illinois Finance Authority, Student Housing Revenue Bonds, Educational Advancement			
3,960	Fund Inc.,	5/17 at 100.00	BBB+	3,811,579
	Refunding Series 2007A, 5.250%, 5/01/34 University of Illinois, Health Services	10/23 at		
615	Facilities System Revenue Bonds, Series 2013, 6.000%, 10/01/42	100.00	A	641,863
	Will County Community Unit School District 201U, Crete-Monee, Illinois, General			
560	Obligation Bonds, Capital Appreciation Series 2004,	No Opt. Call	A+	383,527
24,280	0.000%, 11/01/23 – FGIC Insured Total Illinois			23,959,403
	Indiana – 8.0% Indiana Finance Authority, Hospital Revenue Bonds, Deaconess Hospital Obligated Group,			
5,000	Series	3/19 at 100.00	A+	5,522,600
	2009A, 6.750%, 3/01/39 Indiana Health and Educational Facilities Financing Authority, Revenue Bonds, Sisters			
3,600	of Saint Francis Health Services Inc, Series 2006E, 5.250%, 5/15/41 – AGM Insured Indiana Health Facility Financing Authority,	5/18 at 100.00	Aa3	3,684,240
3,650	Revenue Bonds, Community Foundation of Northwest	3/17 at 100.00	A	3,784,685
2,000	Indiana, Series 2007, 5.500%, 3/01/37	1/19 at 100.00	A+	2,205,460

	Indiana Municipal Power Agency, Power Supply System Revenue Bonds, Series 2009B, 6.000%, 1/01/39			
1,000	Indianapolis Local Public Improvement Bond Bank, Indiana, Series 1999E, 0.000%, 2/01/25 - AMBAC Insured South Bend Community School Corporation,	- No Opt. Call	AA	669,800
1,350	Indiana, Riley School Building Corporation, First Mortgage Bonds, Series 2008 Refunding, 5.000%, 7/05/14 – AGM Insured	No Opt. Call	AA+	1,377,662
16,600	Total Indiana Iowa – 1.8% Iowa Finance Authority, Iowa, Midwestern			17,244,447
1,545	Disaster Area Revenue Bonds, Iowa Fertilizer Company Project, Series 2013, 5.500%, 12/01/22 Iowa Tobacco Settlement Authority, Asset	12/18 at 100.00	BB-	1,494,540
3,025	Backed Settlement Revenue Bonds, Series 2005C, 5.375%, 6/01/38	6/15 at 100.00	B+	2,356,415
4,570	Total Iowa Kansas – 0.2% Wyandotte County-Kansas City Unified			3,850,955
655	Government, Kansas, Sales Tax Special Obligation Capital Appreciation Revenue Bonds Redevelopment Project Area B – Major Multi-Sport Athletic Complex Project, Subordinate Lien Series 2010B, 0.000%, 6/01/21 Louisiana – 7.6% Louisiana Citizens Property Insurance Corporation, Assessment Revenue Bonds,	No Opt. Call	A-	449,487
5,000	Series 2006C-3, 6.125%, 6/01/25 – AGC Insured Louisiana Public Facilities Authority, Revenue Bonds, Ochsner Clinic Foundation Project, Series 2007A:	6/18 at 100.00	AA-	5,715,650
7,000 275	5.375%, 5/15/43 5.500%, 5/15/47 St John Baptist Parish, Louisiana, Revenue	5/17 at 100.00 5/17 at 100.00	Baa1 Baa1	7,061,250 278,325
3,255	Bonds, Marathon Oil Corporation, Series 2007A,	6/17 at 100.00	Baa1	3,265,937
15,530	5.125%, 6/01/37 Total Louisiana Maine – 1.8% Maine Health and Higher Educational Escilities Authority, Payanus Bonds, Payadoin			16,321,162
3,335	Facilities Authority, Revenue Bonds, Bowdoin College, Tender Option Bond Trust 2009-5B, 13.361%, 7/01/39 (IF) (4)	7/19 at 100.00	Aa2	3,829,781

	Massachusetts-0.8%			
	Martha's Vineyard Land Bank, Massachusetts,			
500	Revenue Bonds, Series 2002, 5.000%, 5/01/32	–4/14 at 100.00	A–	501,610
	AMBAC Insured			
	Massachusetts Water Pollution Abatement			
4.000	Trust, Pooled Loan Program Bonds, Tender	0.44.0		1 2 6 7 2 7 2
1,000	Option Bond	8/19 at 100.00	AAA	1,267,370
1.500	Trust 2989, 13.494%, 8/01/38 (IF)			1 7 60 000
1,500	Total Massachusetts			1,768,980
	Michigan – 4.0%			
	Detroit, Michigan, Second Lien Sewerage			
5,050	Disposal System Revenue Bonds, Series 2005A, 5.000%,	7/15 at 100.00	A	4,630,295
3,030	7/01/35 – NPFG Insured	7/13 at 100.00	A	4,030,293
	Detroit, Michigan, Sewer Disposal System			
	Revenue Bonds, Second Lien, Series 2006B,			
50	5.000%,	7/16 at 100.00	A	46,057
20	7/01/33 – NPFG Insured	7710 at 100.00	11	10,027
	Detroit, Michigan, Water Supply System			
	Senior Lien Revenue Refunding Bonds, Series			
3,100	2006D,	7/16 at 100.00	AA-	2,930,368
	5.000%, 7/01/32 – AGM Insured			
	Michigan State Building Authority, Revenue			
	Bonds, Refunding Series 2006IA, 0.000%,			
1,750	10/15/26 –	10/16 at 61.33	AA-	991,970
	AGM Insured			
9,950	Total Michigan			8,598,690
	Nevada -3.4%			
	Clark County Water Reclamation District,			
1 000	Nevada, General Obligation Water Bonds,	7/10 / 100 00		1 120 460
1,000	Series 2009A,	7/19 at 100.00	AAA	1,120,460
	5.250%, 7/01/34 Clark County, Nevada, Airport Revenue			
	Bonds, Senior Lien Series 2005A, 5.000%,			
250	7/01/40 –	7/15 at 100.00	Aa2	256,008
230	AMBAC Insured	7/13 at 100.00	Aaz	230,008
	Las Vegas Redevelopment Agency, Nevada,			
5,415	Tax Increment Revenue Bonds, Series 2009A,	6/19 at 100.00	BBB-	5,900,346
0,.10	8.000%, 6/15/30	o, 15 u t 100.00	222	2,200,210
6,665	Total Nevada			7,276,814
,	New Jersey – 3.1%			, ,
	New Jersey Educational Facilities Authority,			
	Revenue Bonds, University of Medicine and			
	Dentistry of New Jersey, Refunding Series			
	2009B:			
2,135	7.125%, 12/01/23 (Pre-refunded 6/01/19)	6/19 at 100.00	N/R (6)	2,769,244
3,000	7.500%, 12/01/32 (Pre-refunded 6/01/19)	6/19 at 100.00	N/R (6)	3,948,960
5,135	Total New Jersey			6,718,204
• • • •	New York – 1.6%			0.600 : =:
3,000	New York Liberty Development Corporation,	No Opt. Call	A	3,288,150
	Revenue Bonds, Goldman Sachs Headquarters			

	Issue, Series 2007, 5.500%, 10/01/37			
130	Port Authority of New York and New Jersey, Special Project Bonds, JFK International Air	12/20 at 100.00	BBB	1/1 11/
130	Terminal LLC Project, Eighth Series 2010, 6.000%, 12/01/42	100.00	ВВВ	141,114
3,130	Total New York			3,429,264
	Ohio – 7.8% American Municipal Power Ohio Inc., General			
5,000	Revenue Bonds, Prairie State Energy Campus	2/10 -4 100 00	A A	5 261 450
5,000	Project Series 2009A, 5.750%, 2/15/39 – AGC Insured	2/19 at 100.00	AA–	5,361,450
	Buckeye Tobacco Settlement Financing			
	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	1,705,494
5,910	6.500%, 6/01/47 Hamilton County Convention Facilities	6/17 at 100.00	В	5,062,388
	Authority, Ohio, Second Lien Revenue Bonds,			
2,400	Series 2004,	6/14 at 100.00	AA (6)	2,439,120
	5.000%, 12/01/33 (Pre-refunded 6/01/14) – FGIC Insured			
	Ohio State Higher Educational Facilities			
• • • • •	Commission, Hospital Revenue Bonds,	445 40000		2.126.100
2,000	University Hospitals Health System, Series 2009, 6.750%,	1/15 at 100.00	A (6)	2,126,180
	1/15/39 (Pre-refunded 1/15/15)			
17,425	Total Ohio			16,694,632
	Oklahoma – 1.0% Norman Regional Hospital Authority,			
	Oklahoma, Hospital Revenue Bonds, Series			
2,150	2007,	9/17 at 100.00	BBB-	2,074,342
	5.125%, 9/01/37			
	Puerto Rico – 3.6% Puerto Rico Aqueduct and Sewerage			
	Authority, Revenue Bonds, Senior Lien Series			
4,390	2008A,	7/18 at 100.00	BBB-	3,067,161
	6.000%, 7/01/44 Puerto Rico Highway and Transportation			
	Authority, Highway Revenue Bonds, Series			
500	2003G, 5.000%,	No Opt. Call	BBB	351,380
	7/01/22 – FGIC Insured			
	Puerto Rico Sales Tax Financing Corporation, Sales Tax Revenue Bonds, First Subordinate			
3,000	Series	8/19 at 100.00	A+	2,263,530
	2009A, 6.000%, 8/01/42			
2,750	Puerto Rico Sales Tax Financing Corporation, Sales Tax Revenue Bonds, Series 2007A,	8/17 at 100.00	AA-	2,096,985
2,750	5.250%, 8/01/57	5,1, at 100.00	7 17 1	2,070,703
10,640	Total Puerto Rico			7,779,056

3,000	Rhode Island – 3.0% Rhode Island Health and Educational Building Corporation, Hospital Financing Revenue Bonds, Lifespan Obligated Group Issue, Series 2009A, 7.000%, 5/15/39	5/19 at 100.00	A-	3,271,170
3,240	Rhode Island Tobacco Settlement Financing Corporation, Tobacco Settlement Asset-Backed Bonds, Series 2002A, 6.125%, 6/01/32	4/14 at 100.00	BBB+	3,239,741
6,240 5,435	Total Rhode Island South Carolina – 1.3% Piedmont Municipal Power Agency, South Carolina, Electric Revenue Bonds, Series 2004A-2,	No Opt. Call	AA-	6,510,911 2,770,002
3,133	0.000%, 1/01/29 – AMBAC Insured Texas – 4.9% Ennis Independent School District, Ellis County, Texas, General Obligation Bonds,	1.0 opt. can	711	2,770,002
3,550	Series 2006, 0.000%, 8/15/31 Grand Parkway Transportation Corporation,	8/16 at 46.64	Aaa	1,501,970
1,855	Texas, System Toll Revenue Bonds, First Tier Series 2013A, 5.500%, 4/01/53 North Texas Tollway Authority, Second Tier	10/23 at 100.00	BBB+	1,872,159
5,400	System Revenue Refunding Bonds, Series 2008F, 5.750%, 1/01/38 Texas Municipal Gas Acquisition and Supply	1/18 at 100.00	A3	5,718,168
1,500	Corporation III, Gas Supply Revenue Bonds, Series 2012, 5.000%, 12/15/32	No Opt. Call	A3	1,506,315
12,305	Total Texas Virgin Islands – 0.5% Virgin Islands Public Finance Authority, Matching Fund Revenue Loan Note – Diageo	10/19 at		10,598,612
1,000	Project, Series 2009A, 6.750%, 10/01/37 Virginia – 1.4% Chesapeake, Virginia, Transportation System	100.00	BBB	1,096,280
1,400	Senior Toll Road Revenue Bonds, Capital Appreciation Series 2012B, 0.000%, 7/15/40 Washington County Industrial Development	7/28 at 100.00	BBB	680,946
2,000	Authority, Virginia, Hospital Revenue Bonds, Mountain States Health Alliance, Series 2009C, 7.750%, 7/01/38	1/19 at 100.00	BBB+	2,289,420
3,400 1,500	Total Virginia West Virginia – 0.7% West Virginia Hospital Finance Authority,	6/23 at 100.00	A	2,970,366 1,555,275
	Hospital Revenue Bonds, West Virginia			

	United Health System Obligated Group, Refunding and Improvement Series 2013A, 5.500%, 6/01/44 Wisconsin – 5.5% Wisconsin Health and Educational Facilities Authority, Revenue Bonds, ProHealth Care,			
1,500	Inc.	2/19 at 100.00	A+	1,639,423
	Obligated Group, Series 2009, 6.625%,			
	2/15/39			
	Wisconsin State, General Fund Annual			
	Appropriation Revenue Bonds, Refunding			
9,000	Series 2009A,	5/19 at 100.00	AA-	10,130,670
	6.000%, 5/01/36			
10,500	Total Wisconsin			11,770,093
	Total Long-Term Investments (cost			
\$ 231,100	\$193,726,331)			218,565,754
	Floating Rate Obligations – (3.3)%			(7,125,000)
	Other Assets Less Liabilities – 1.7%			3,655,108
	Net Assets – 100%		\$	215,095,862

Fair Value Measurements

Fair value is defined as the price that the Fund 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	\$ —	- 218,565,754	\$ -	- \$218,565,754

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, 2014, the cost of investments was \$187,792,660.

Gross unrealized appreciation and gross unrealized depreciation of investments as of January 31, 2014, were as follows:

Gross unrealized:

Appreciation \$28,534,637
Depreciation (4,886,543)
Net unrealized appreciation (depreciation) of investments \$23,648,094

- (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 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.
- (4) Investment, or portion of investment, has been pledged to collateralize the net payment obligations for investments in inverse floating rate transactions.
- (5) At or subsequent to the end of the reporting period, this security is non-income producing. Non-income producing, 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) Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency 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.
- (IF) Inverse floating rate investment.
- (UB) Underlying bond of an inverse floating rate trust reflected as a financing transaction.

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, 2014

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, 2014

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

Stephen D. Foy

Vice President and Controller (principal financial officer)

Date: April 1, 2014