Nuveen AMT-Free Municipal Value Fund Form N-Q September 29, 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: 7/31/14

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) July 31, 2014

Principal Amount (000)	Description (1) LONG-TERM INVESTMENTS – 101.3%	Optional Call Provisions (2)	Ratings (3)	Value
	MUNICIPAL BONDS – 101.3%			
	Alaska – 0.5% Northern Tobacco Securitization Corporation, Alaska, Tobacco Settlement Asset-Backed Bonds, Series 2006A:			
		10/14 at		
\$ 835	4.625%, 6/01/23	100.00	Ba1	\$ 781,585
		10/14 at		
350	5.000%, 6/01/46	100.00	B2	261,471
1,185	Total Alaska			1,043,056
	Arizona – 3.5%			
	Maricopa County Pollution Control			
	Corporation, Arizona, Pollution Control	•		
4,000	Revenue Bonds, El	2/19 at 100.00	Baa1	4,526,160
	Paso Electric Company, Refunding Series			
	2009A, 7.250%, 2/01/40			
	Salt Verde Financial Corporation, Arizona,			
2.045	Senior Gas Revenue Bonds, Citigroup Energy	No Ont Call		2 222 110
3,045	Inc	No Opt. Call	A–	3,333,118
	Prepay Contract Obligations, Series 2007, 5.000%, 12/01/37			
7,045	Total Arizona			7,859,278
7,043	California – 9.6%			7,037,270
	California State Public Works Board, Lease			
	Revenue Bonds, Department of General			
2,500	Services	4/19 at 100.00	A1	2,950,925
_,	Buildings 8 & 9, Series 2009A, 6.250%,			_,, _ ,,
	4/01/34			
	California State, General Obligation Bonds,			
	Tender Option Bond Trust 3162, 19.650%,			
500	3/01/18 –	No Opt. Call	AA	802,380

	AGM Insured (IF) Golden State Tobacco Securitization Corporation, California, Enhanced Tobacco Settlement			
	Asset-Backed Revenue Bonds, Series 2005A:			
2,615	5.000%, 6/01/45	6/15 at 100.00	A1	2,667,509
1,500	5.000%, 6/01/45 – AMBAC Insured Golden State Tobacco Securitization Corporation, California, Tobacco Settlement	6/15 at 100.00	A1	1,530,120
3,635	Asset-Backed Bonds, Series 2007A-1, 5.000%, 6/01/33 M-S-R Energy Authority, California, Gas Revenue Bonds, Citigroup Prepay Contracts,	6/17 at 100.00	В	2,928,392
450	Series 2009A, 6.500%, 11/01/39 Palomar Pomerado Health, California, General	No Opt. Call	A	587,394
10,200	Obligation Bonds, Series 2009A, 0.000%, 8/01/38 –	8/29 at 100.00	AA	9,270,984
	AGC Insured Victor Elementary School District, San Bernardino County, California, General			
700	Obligation Bonds, Series 2002A, 0.000%, 8/01/24 – FGIC Insured	No Opt. Call	AA-	498,274
22,100	Total California Colorado – 6.3%			21,235,978
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,	11/15 at 100.00	A+	5,293,000
	Toll Revenue Bonds, Series 2004A, 0.000%,			
5,885	9/01/34 – NPFG Insured E-470 Public Highway Authority, Colorado,	No Opt. Call	AA-	2,274,494
3,605	Toll Revenue Bonds, Series 2004B, 0.000%, 9/01/27 – NPFG Insured Park Creek Metropolitan District, Colorado,	9/20 at 67.94	AA-	1,902,250
4,000	Senior Property Tax Supported Revenue Bonds, Series 2009, 6.375%, 12/01/37 – AGC Insured	12/19 at 100.00	AA	4,539,240
18,490	Total Colorado Florida – 8.9%			14,008,984
9,500	Miami-Dade County, Florida, Aviation Revenue Bonds, Miami International Airport, Series 2009A, 5.500%, 10/01/41 (UB) (4) Miami-Dade County, Florida, General	10/19 at 100.00	A	10,576,540
1,000	Obligation Bonds, Build Better Communities Program, Series	7/15 at 100.00	AA	1,042,470

	2005, 5.000%, 7/01/24 – NPFG Insured 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	2,870,825
2,000	5.625%, 7/01/38	7/18 at 100.00	AA	2,265,340
	Tolomato Community Development District,			
200	Florida, Special Assessment Bonds,	5/17 / 100 00	NI/D	220 152
300	Convertible,	5/17 at 100.00	N/R	220,152
	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	517,443
002	Capital Appreciation, Series 2012A-3, 0.000%,	2717 41 100.00	1011	517,115
	5/01/40			
	Tolomato Community Development District,			
	Florida, Special Assessment Bonds,			
375	Convertible,	5/22 at 100.00	N/R	166,196
	Capital Appreciation, Series 2012A-4, 0.000%,			
	5/01/40			
	Tolomato Community Development District,			
	Florida, Special Assessment Bonds, Hope			_
525	Note, Series	5/18 at 100.00	N/R	5
	2007-3, 6.450%, 5/01/23 (5)			
	Tolomato Community Development District,			
45	Florida, Special Assessment Bonds, Non Performing	5/18 at 100.00	N/R	45,723
43	Parcel Series 2007-1. RMKT, 6.450%, 5/01/23	3/16 at 100.00	11/10	43,723
	(5)			
	Tolomato Community Development District,			
	Florida, Special Assessment Bonds, Refunding			
910	Series	5/17 at 100.00	N/R	909,145
	2012A-1, 6.450%, 5/01/23			
	Tolomato Community Development District,			
2,120	Florida, Special Assessment Bonds,	5/18 at 100.00	N/R	1,258,262
	Southern/Forbearance Parcel Series 2007-2,			
	6.450%, 5/01/23 (5)			
20,140	Total Florida			19,872,101
	Georgia – 0.8%			
175	Atlanta, Georgia, Tax Allocation Bonds,	1/10 -4 100 00	4.2	550.022
475	Beltline Project Series 2008A. Remarketed,	1/19 at 100.00	A2	559,023
	7.500%, 1/01/31 Clayton County Development Authority,			
	Georgia, Special Facilities Revenue Bonds,			
1,000	Delta Air	6/20 at 100.00	B+	1,245,160
1,000	Lines, Inc. Project, Series 2009A, 8.750%,	5,20 at 100.00	Di	1,2 13,100
	6/01/29			
1,475	Total Georgia			1,804,183
	Illinois – 12.4%			

3,000	Chicago, Illinois, General Obligation Bonds, City Colleges, Series 1999, 0.000%, 1/01/37 –	No Opt. Call	AA-	904,650
	FGIC Insured			
3,000	Chicago, Illinois, General Obligation Bonds, Series 2005A, 5.000%, 1/01/17 – AGM Insured Cook and DuPage Counties High School	1 1/15 at 100.00	AA	3,057,450
260	District 210 Lemont, Illinois, General Obligation Bonds, Refunding Series 2006, 5.000%, 1/01/26 – NPFG Insured	1/16 at 100.00	Aa2	275,787
465	Cook and DuPage Counties High School District 210 Lemont, Illinois, General 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)	496,178
	225 Northfield, Illinois, General Obligation			
1,885	Bonds,	No Opt. Call	AAA	1,869,091
	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+	5,819,252
·	6.000%, 8/15/39			
	Illinois Finance Authority, Revenue Bonds,			
3,500	OSF Healthcare System, Series 2009A,	5/19 at 100.00	A	4,190,305
	7.125%, 11/15/37			
	Illinois Finance Authority, Revenue Bonds,	11/10		
5 000	Rush University Medical Center Obligated	11/18 at 100.00	Λ.	5 042 000
5,000	Group, Series 2009A, 7.250%, 11/01/38	100.00	A+	5,943,900
	Illinois Finance Authority, Student Housing			
	Revenue Bonds, Educational Advancement			
3,950	Fund Inc.,	5/17 at 100.00	BBB+	4,009,329
3,730	Refunding Series 2007A, 5.250%, 5/01/34	3/1/ at 100.00	DDD 1	4,000,520
	University of Illinois, Health Services	10/23 at		
615	Facilities System Revenue Bonds, Series 2013,		A	685,820
	6.000%, 10/01/42			
	Will County Community Unit School District			
	201U, Crete-Monee, Illinois, General			
560	Obligation	No Opt. Call	AA-	410,581
	Bonds, Capital Appreciation Series 2004,			
	0.000%, 11/01/23 – FGIC Insured			
27,270	Total Illinois			27,662,343
	Indiana – 7.3%			
	Indiana Finance Authority, Hospital Revenue			
5,000	Bonds, Deaconess Hospital Obligated Group, Series	3/19 at 100.00	A+	5,630,550
5,000	2009A, 6.750%, 3/01/39	3117 at 100.00	A÷	5,050,550
3,600	Indiana Health and Educational Facilities	5/18 at 100.00	Aa3	3,785,112
-,000	Financing Authority, Revenue Bonds, Sisters		1100	-,, oz,11 2
	- · · · · · · · · · · · · · · · · · · ·			

	of Saint			
	Francis Health Services Inc, Series 2006E,			
	5.250%, 5/15/41 – AGM Insured			
	Indiana Health Facility Financing Authority,			
	Revenue Bonds, Community Foundation of			
3,650	Northwest	3/17 at 100.00	A	3,836,990
•	Indiana, Series 2007, 5.500%, 3/01/37			
	Indiana Municipal Power Agency, Power			
2,000	Supply System Revenue Bonds, Series 2009B,	1/19 at 100.00	A+	2,261,880
•	6.000%, 1/01/39			
	Indianapolis Local Public Improvement Bond			
1,000	Bank, Indiana, Series 1999E, 0.000%, 2/01/25 -	- No Opt. Call	AA	722,030
	AMBAC Insured	•		
15,250	Total Indiana			16,236,562
	Iowa − 1.8%			
	Iowa Finance Authority, Iowa, Midwestern			
	Disaster Area Revenue Bonds, Iowa Fertilizer	12/18 at		
1,545	Company	100.00	BB-	1,614,077
	Project, Series 2013, 5.500%, 12/01/22			
	Iowa Tobacco Settlement Authority, Asset			
	Backed Settlement Revenue Bonds, Series			
3,025	2005C,	6/15 at 100.00	B+	2,482,799
	5.375%, 6/01/38			
4,570	Total Iowa			4,096,876
	Kansas – 0.2%			
	Wyandotte County-Kansas City Unified			
	Government, Kansas, Sales Tax Special			
535	Obligation Capital	No Opt. Call	A-	373,264
	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,			
5,000	Series 2006C-3,	6/18 at 100.00	AA	5,834,150
	6.125%, 6/01/25 – AGC Insured			
	Louisiana Public Facilities Authority, Revenue			
	Bonds, Ochsner Clinic Foundation Project,			
	Series 2007A:			
7,000	5.375%, 5/15/43	5/17 at 100.00	Baa1	7,303,800
275	5.500%, 5/15/47	5/17 at 100.00	Baa1	287,911
	St. John Baptist Parish, Louisiana, Revenue			
2 255	Bonds, Marathon Oil Corporation, Series	6/17 - 100.00	ъ .	2 410 410
3,255	2007A,	6/17 at 100.00	Baa1	3,419,410
15.520	5.125%, 6/01/37			16 045 071
15,530	Total Louisiana			16,845,271
	Maine – 1.9% Maine Health and Higher Educational			
	Maine Health and Higher Educational			
3 225	Facilities Authority, Revenue Bonds, Bowdoin	7/19 at 100.00	Aa2	4 220 507
3,335	College,	1117 at 100.00	AdZ	4,329,597

	Tender Option Bond Trust 2009-5B, 13.247%, 7/01/39 (IF) (4)			
	Massachusetts – 0.9%			
	Martha's Vineyard Land Bank, Massachusetts,			
500	Revenue Bonds, Series 2002, 5.000%, 5/01/32	- 100.00	A–	501,805
	AMBAC Insured			
	Massachusetts Water Pollution Abatement			
1,000	Trust, Pooled Loan Program Bonds, Tender Option Bond	8/19 at 100.00	AAA	1,399,280
1,000	Trust 2989, 13.700%, 8/01/38 (IF)	6/19 at 100.00	AAA	1,399,200
1,500	Total Massachusetts			1,901,085
1,500	Michigan – 4.1%			1,501,005
	Detroit, Michigan, Second Lien Sewerage			
	Disposal System Revenue Bonds, Series			
5,050	2005A, 5.000%,	7/15 at 100.00	AA-	4,975,715
	7/01/35 – NPFG Insured			
	Detroit, Michigan, Sewer Disposal System			
	Revenue Bonds, Second Lien, Series 2006B,			
50	5.000%,	7/16 at 100.00	AA-	49,726
	7/01/33 – NPFG Insured			
	Detroit, Michigan, Water Supply System			
2.100	Senior Lien Revenue Refunding Bonds, Series	7/16 + 100 00		2 000 047
3,100	2006D,	7/16 at 100.00	AA	3,098,047
	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	1,038,083
1,750	AGM Insured	10/10 at 01.55	7 17 1	1,030,003
9,950	Total Michigan			9,161,571
- , ·	Nevada – 3.8%			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	Clark County Water Reclamation District,			
	Nevada, General Obligation Water Bonds,			
1,000	Series 2009A,	7/19 at 100.00	AAA	1,144,660
	5.250%, 7/01/34			
	Clark County, Nevada, Airport Revenue			
4.4.50	Bonds, Senior Lien Series 2005A, 5.000%,	= /4. = 400.00		1 106 770
1,150	7/01/40 –	7/15 at 100.00	AA–	1,186,559
	AMBAC Insured			
5 115	Las Vegas Redevelopment Agency, Nevada, Tax Increment Revenue Bonds, Series 2009A,	6/19 at 100.00	BBB-	6 227 142
5,415	8.000%, 6/15/30	0/19 at 100.00	DDD-	6,227,142
7,565	Total Nevada			8,558,361
7,303	New Jersey – 3.0%			0,330,301
	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)	2,724,922
3,000	7.500%, 12/01/32 (Pre-refunded 6/01/19)	6/19 at 100.00	N/R (6)	3,881,580
5,135	Total New Jersey			6,606,502
	New York – 1.7%			

	New York Liberty Development Corporation, Revenue Bonds, Goldman Sachs Headquarters			
3,000	Issue, Series 2007, 5.500%, 10/01/37	No Opt. Call	A	3,566,430
130	Port Authority of New York and New Jersey, Special Project Bonds, JFK International Air Terminal LLC Project, Eighth Series 2010, 6.000%, 12/01/42	12/20 at 100.00	BBB	149,546
3,130	Total New York Ohio – 6.4% American Municipal Power Ohio Inc., General			3,715,976
5,000	Revenue Bonds, Prairie State Energy Campus Project Series 2009A, 5.750%, 2/15/39 – AGC Insured Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco Settlement Asset-Backed Revenue Bonds, Senior Lien, Series 2007A-2:	2/19 at 100.00	AA	5,443,100
2,115	5.875%, 6/01/30	6/17 at 100.00	В	1,721,716
5,910	6.500%, 6/01/47 Ohio State Higher Educational Facilities	6/17 at 100.00	В	4,985,912
2,000	Commission, Hospital Revenue Bonds, University Hospitals Health System, Series 2009, 6.750%,	1/15 at 100.00	A (6)	2,060,040
15,025	1/15/39 (Pre-refunded 1/15/15) Total Ohio Oklahoma – 1.0% Norman Regional Hospital Authority,			14,210,768
2,150	Oklahoma, Hospital Revenue Bonds, Series 2007, 5.125%, 9/01/37 Rhode Island – 3.0% Rhode Island Health and Educational Building	9/17 at 100.00	BBB-	2,186,335
3,000	Corporation, Hospital Financing Revenue Bonds, Lifespan Obligated Group Issue, Series 2009A, 7.000%, 5/15/39	5/19 at 100.00	BBB+	3,331,860
	Rhode Island Tobacco Settlement Financing			
3,240	Corporation, Tobacco Settlement Asset-Backed Bonds, Series 2002A, 6.125%, 6/01/32	10/14 at 100.00	BBB+	3,246,610
6,240	Total Rhode Island South Carolina – 1.3%			6,578,470
5,435	Piedmont Municipal Power Agency, South Carolina, Electric Revenue Bonds, Series 2004A-2, 0.000%, 1/01/29 – AMBAC Insured Texas – 6.0% Ennis Independent School District, Ellis	No Opt. Call	AA	2,980,880
3,550	County, Texas, General Obligation Bonds, Series 2006,	8/16 at 46.64	Aaa	1,548,333

	0.000%, 8/15/31 Grand Parkway Transportation Corporation,	10/22 at		
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+	2,036,048
5,400	System Revenue Refunding Bonds, Series 2008F, 5.750%, 1/01/38	1/18 at 100.00	A3	6,005,880
1,500	Texas Municipal Gas Acquisition and Supply Corporation III, Gas Supply Revenue Bonds, Series 2012, 5.000%, 12/15/32	No Opt. Call	A3	1,577,400
2,000	Wichita Falls Independent School District, Wichita County, Texas, General Obligation Bonds,	2/17 at 100.00	AAA	2,210,940
14,305	Series 2007, 5.000%, 2/01/23 Total Texas Virgin Islands – 0.5% Virgin Islands Public Finance Authority,			13,378,601
1,000	Matching Fund Revenue Loan Note – Diageo Project, Series 2009A, 6.750%, 10/01/37 Virginia – 1.9%	10/19 at 100.00	ВВВ	1,101,940
1,400	Chesapeake, Virginia, Transportation System Senior Toll Road Revenue Bonds, Capital Appreciation Series 2012B, 0.000%, 7/15/40 Route 460 Funding Corporation, Virginia, Toll	7/28 at 100.00	ВВВ	847,014
1,000	Road Revenue Bonds, Series 2012A, 5.000%, 7/01/52	No Opt. Call	BBB-	1,021,240
2,000	Washington County Industrial Development Authority, Virginia, Hospital Revenue Bonds, Mountain States Health Alliance, Series 2009C, 7.750%, 7/01/38	1/19 at 100.00	BBB+	2,341,400
4,400	Total Virginia West Virginia – 0.8% West Virginia Hospital Finance Authority,			4,209,654
1,500	Hospital Revenue Bonds, West Virginia United Health System Obligated Group, Refunding and Improvement Series 2013A, 5.500%, 6/01/44	6/23 at 100.00	A	1,675,425
1,000	Wisconsin – 6.1% Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Marshfield Clinic, Series 2012B, 5.000%, 2/15/27 Wisconsin Health and Educational Facilities	2/22 at 100.00	A-	1,100,020
1,500	Authority, Revenue Bonds, ProHealth Care, Inc. Obligated Group, Series 2009, 6.625%,	2/19 at 100.00	A+	1,741,200
9,000	2/15/39	5/19 at 100.00	AA-	10,630,170

Wisconsin State, General Fund Annual Appropriation Revenue Bonds, Refunding Series 2009A, 6.000%, 5/01/36 11,500 **Total Wisconsin** 13,471,390 Total Long-Term Investments (cost \$190,766,841) \$ 225,760 225,104,451 Floating Rate Obligations -(3.2)%(7,125,000) Other Assets Less Liabilities – 1.9% 4,330,040 Net Assets – 100% \$ 222,309,491

Fair Value Measurements

Fair value is defined as the price that would be received 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	\$ —	- \$225,104,451	\$ —	- \$225,104,451

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 July 31, 2014, the cost of investments was \$184,774,590.

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

Gross unrealized:

Appreciation \$35,881,580
Depreciation (2,676,719)
Net unrealized appreciation (depreciation) of investments \$33,204,861

- (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: September 29, 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.

Gifford R. Zimmerman

Chief Administrative Officer (principal executive officer)

Date: September 29, 2014

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

Stephen D. Foy

Vice President and Controller (principal financial officer)

Date: September 29, 2014