Nuveen AMT-Free Municipal Value Fund Form N-Q September 27, 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: 7/31/13

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) July 31, 2013

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
	Alaska – 0.5%			
	Northern Tobacco Securitization Corporation,			
	Alaska, Tobacco Settlement Asset-Backed			
	Bonds,			
	Series 2006A:			
\$ 955	4.625%, 6/01/23	6/14 at 100.00	Ba1	\$ 869,050
350	5.000%, 6/01/46	6/14 at 100.00	B+	256,575
1,305	Total Alaska			1,125,625
	Arizona – 4.1%			
	Arizona School Facilities Board, Certificates			
	of Participation, Series 2003A, 5.000%,			
1,520	9/01/13 –	No Opt. Call	A+	1,526,050
	NPFG Insured			
	Maricopa County Pollution Control			
	Corporation, Arizona, Pollution Control			
4,000	Revenue Bonds, El	2/19 at 100.00	BBB	4,426,120
	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-	2,919,485
	Prepay Contract Obligations, Series 2007,			
	5.000%, 12/01/37			
8,565	Total Arizona			8,871,655
	California – 8.7%			
	California State Public Works Board, Lease			
	Revenue Bonds, Department of General			
2,500	Services	4/19 at 100.00	A2	2,865,700
	Buildings 8 & 9, Series 2009A, 6.250%,			
	4/01/34			
	California State, General Obligation Bonds,			
	Tender Option Bond Trust 3162, 19.530%,			
500	3/01/18 –	No Opt. Call	AA-	617,460
	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	2,249,304
1,350	5.000%, 6/01/45 – AMBAC Insured	6/15 at 100.00	A2	1,283,958
,	Golden State Tobacco Securitization			, ,
	Corporation, California, Tobacco Settlement			
3,635	Asset-Backed	6/17 at 100.00	В	2,961,943
	Bonds, Series 2007A-1, 5.000%, 6/01/33			
	M-S-R Energy Authority, California, Gas			
	Revenue Bonds, Series 2009A, 6.500%,			
450	11/01/39	No Opt. Call	A	520,016
	Palomar Pomerado Health, California, General			
	Obligation Bonds, Series 2009A, 0.000%,			
10,200	8/01/38 –	8/29 at 100.00	AA-	7,853,897
	AGC Insured			
	Victor Elementary School District, San			
	Bernardino County, California, General			
700	Obligation	No Opt. Call	Aa3	420,070
	Bonds, Series 2002A, 0.000%, 8/01/24 – FGIC			
21.700	Insured			10.772.240
21,700	Total California			18,772,348
	Colorado – 5.3%			
	Denver City and County, Colorado, Airport	11/15 at		
5,000	System Revenue Bonds, Series 2005A, 5.000%,	100.00	A+	5,371,100
3,000	11/15/25 – SYNCORA GTY Insured	100.00	AT	3,371,100
	E-470 Public Highway Authority, Colorado,			
	Toll Revenue Bonds, Series 2004B, 0.000%,			
3,605	9/01/27 –	9/20 at 67.94	A	1,678,344
2,002	NPFG Insured	3/20 at 0/13 !	11	1,070,511
	Park Creek Metropolitan District, Colorado,			
	Senior Property Tax Supported Revenue	12/19 at		
4,000	Bonds,	100.00	AA-	4,356,160
·	Series 2009, 6.375%, 12/01/37 – AGC Insured			
12,605	Total Colorado			11,405,604
	Florida – 8.1%			
	Miami-Dade County, Florida, Aviation			
	Revenue Bonds, Miami International Airport,	10/19 at		
9,500	Series 2009A,	100.00	A	9,876,390
	5.500%, 10/01/41			
	Miami-Dade County, Florida, General			
	Obligation Bonds, Build Better Communities			
	Program,			
• •	Series 2009-B1:	= 440 400 00		
2,500	6.000%, 7/01/38	7/18 at 100.00	Aa2	2,792,550
2,000	5.625%, 7/01/38	7/18 at 100.00	Aa2	2,198,440
	Tolomato Community Development District,			
200	Florida, Special Assessment Bonds,	5/17 of 100 00	NI/D	222 200
300	Convertible,	5/17 at 100.00	N/R	222,288

	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	522,953
	Capital Appreciation, Series 2012A-3, 0.000%,			,
	5/01/40			
	Tolomato Community Development District,			
	Florida, Special Assessment Bonds,			
375	Convertible,	5/22 at 100.00	N/R	168,139
	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 (6)			
	Tolomato Community Development District,			
	Florida, Special Assessment Bonds, Non			
70	Performing	5/18 at 100.00	N/R	51,945
	ParcelSeries 2007-1. RMKT, 6.450%, 5/01/23			
	(6)			
	Tolomato Community Development District, Florida, Special Assessment Bonds, Refunding			
910	Series	5/17 at 100.00	N/R	859,886
710	2012A-1, 6.450%, 5/01/23	3/1/ dt 100.00	11/10	037,000
	Tolomato Community Development District,			
2,120	Florida, Special Assessment Bonds,	5/18 at 100.00	N/R	814,822
ŕ	Southern/Forbearance Parcel Series 2007-2,			,
	6.450%, 5/01/23 (6)			
19,165	Total Florida			17,507,418
	Georgia – 0.8%			
	Atlanta, Georgia, Tax Allocation Bonds,			
485	Beltline Project Series 2008A. Remarketed,	1/19 at 100.00	A2	562,304
	7.500%, 1/01/31			
	Clayton County Development Authority,			
1,000	Georgia, Special Facilities Revenue Bonds, Delta Air	6/20 at 100.00	В	1,170,510
1,000	Lines, Inc. Project, Series 2009A, 8.750%,	0/20 at 100.00	Ъ	1,170,510
	6/01/29			
1,485	Total Georgia			1,732,814
,	Illinois – 10.8%			, - , -
	Chicago, Illinois, General Obligation Bonds,			
3,000	City Colleges, Series 1999, 0.000%, 1/01/37 –	No Opt. Call	AA-	804,540
	FGIC Insured			
	Cook and DuPage Counties High School			
	District 210 Lemont, Illinois, General			
260	Obligation Bonds,	1/16 at 100.00	Aa2	275,233
	Refunding Series 2006, 5.000%, 1/01/26 –			
165	NPFG Insured	1/16 of 100 00	A c 2 (4)	510 000
465	Cook and DuPage Counties High School District 210 Lemont, Illinois, General	1/16 at 100.00	Aa2 (4)	512,890
	District 210 Lemont, Inflicis, General			

	Obligation Bonds, Refunding Series 2006, 5.000%, 1/01/26 (Pre-refunded 1/01/16) – NPFG Insured Cook County Township High School District			
1,885	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	1,840,797
5,035	Northwestern Memorial Hospital, Series 2009A, 6.000%, 8/15/39 Illinois Finance Authority, Revenue Bonds,	8/19 at 100.00	AA+	5,645,494
3,500	OSF Healthcare System, Series 2009A, 7.125%, 11/15/37 Illinois Finance Authority, Revenue Bonds,	5/19 at 100.00	A	4,149,635
5,000	Rush University Medical Center Obligated Group, Series 2009A, 7.250%, 11/01/38 Illinois Finance Authority, Student Housing	11/18 at 100.00	A	5,901,799
3,960	Revenue Bonds, Educational Advancement Fund Inc., Refunding Series 2007A, 5.250%, 5/01/34 Will County Community Unit School District	5/17 at 100.00	BBB+	3,962,336
560	201U, Crete-Monee, Will County, Illinois, General Obligation Bonds, Capital Appreciation Series	No Opt. Call	A+	363,709
23,665	2004, 0.000%, 11/01/23 – FGIC Insured Total Illinois Indiana – 5.6% Indiana Finance Authority, Hospital Revenue Bonds, Deaconess Hospital Obligated Group,			23,456,433
5,000	Series 2009A, 6.750%, 3/01/39 Indiana Health Facility Financing Authority, Revenue Bonds, Community Foundation of	3/19 at 100.00	A+	5,504,450
3,650	Northwest Indiana, Series 2007, 5.500%, 3/01/37 Indiana Municipal Power Agency, Power	3/17 at 100.00	A-	3,752,967
2,000	Supply System Revenue Bonds, Series 2009B, 6.000%, 1/01/39	1/19 at 100.00	A+	2,249,940
1,000	Indianapolis Local Public Improvement Bond Bank, Indiana, Series 1999E, 0.000%, 2/01/25 - AMBAC Insured	- No Opt. Call	AA	647,580
11,650	Total Indiana Iowa – 1.8% Iowa Finance Authority, Iowa, Midwestern Disaster Area Revenue Bonds, Iowa Fertilizer	12/18 at		12,154,937
1,545	Company Project, Series 2013, 5.500%, 12/01/22	100.00	BB-	1,531,543
3,025	J,	6/15 at 100.00	B+	2,473,996

	Iowa Tobacco Settlement Authority, Asset Backed Settlement Revenue Bonds, Series 2005C,			
	5.375%, 6/01/38			
4,570	Total Iowa			4,005,539
	Kansas – 0.2%			
	Wyandotte County-Kansas City Unified			
	Government, Kansas, Sales Tax Special			
820	Obligation Capital	No Opt. Call	BBB+	530,032
	Appreciation Revenue Bonds Redevelopment			
	Project Area B – Major Multi-Sport Athletic			
	Complex Project Subordinate Lian Series 2010B			
	Project, Subordinate Lien Series 2010B, 0.000%, 6/01/21			
	Louisiana – 7.5%			
	Louisiana Citizens Property Insurance			
	Corporation, Assessment Revenue Bonds,			
5,000	Series 2006C-3,	6/18 at 100.00	AA-	5,649,600
	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	7,107,100
275	5.500%, 5/15/47	5/17 at 100.00	Baa1	279,623
	St John Baptist Parish, Louisiana, Revenue			
3,255	Bonds, Marathon Oil Corporation, Series 2007A,	6/17 at 100.00	Baa1	3,230,425
3,233	5.125%, 6/01/37	0/1/ at 100.00	Daar	3,230,423
15,530	Total Louisiana			16,266,748
,	Maine – 1.7%			,,
	Maine Health and Higher Educational			
	Facilities Authority, Revenue Bonds, Bowdoin			
3,335	College,	7/19 at 100.00	Aa2	3,781,890
	Tender Option Bond Trust 2009-5B, 13.277%,			
	7/01/39 (IF) (5)			
	Massachusetts – 0.8%	11/10		
500	Martha's Vineyard Land Bank, Massachusetts,	11/13 at		504.025
500	Revenue Bonds, Series 2002, 5.000%, 5/01/32 - AMBAC Insured	- 100.00	A–	504,025
	Massachusetts Water Pollution Abatement			
	Trust, Pooled Loan Program Bonds, Tender			
1,000	Option Bond	8/19 at 100.00	AAA	1,221,370
,	Trust 2989, 13.660%, 8/01/38 (IF)			, ,- ,
1,500	Total Massachusetts			1,725,395
	Michigan – 3.9%			
	Detroit, Michigan, Second Lien Sewerage			
	Disposal System Revenue Bonds, Series			
5,000	2005A, 5.000%,	7/15 at 100.00	A	4,541,650
~ ^	7/01/35 – NPFG Insured	7/16 : 100 00		15 616
50	Detroit, Michigan, Sewer Disposal System	7/16 at 100.00	A	45,640
	Revenue Bonds, Second Lien, Series 2006B,			

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	5.000%,			
	7/01/33 – NPFG Insured			
	Detroit, Michigan, Water Supply System			
	Senior Lien Revenue Refunding Bonds, Series			
3,100	2006D,	7/16 at 100.00	AA-	2,884,550
	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-	905,083
	AGM Insured			
9,900	Total Michigan			8,376,923
	Nevada – 3.3%			
	Clark County Water Reclamation District,			
	Nevada, General Obligation Water Bonds,			
1,000	Series 2009A,	7/19 at 100.00	AAA	1,102,590
	5.250%, 7/01/34			
	Clark County, Nevada, Senior Lien Airport			
2.50	Revenue Bonds, Series 2005A, 5.000%,	7 /1 .7 . 100.00		250 220
250	7/01/40 –	7/15 at 100.00	Aa2	250,328
	AMBAC Insured			
E 415	Las Vegas Redevelopment Agency, Nevada,	C/10 -+ 100 00	DDD	5 070 760
5,415	Tax Increment Revenue Bonds, Series 2009A,	6/19 at 100.00	BBB-	5,879,769
6,665	8.000%, 6/15/30 Total Nevada			7 222 697
0,003	New Jersey – 3.1%			7,232,687
	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 (Pre-refunded 6/01/19)	6/19 at 100.00	Baa1 (4)	2,778,361
3,000	7.500%, 12/01/32 (Pre-refunded 6/01/19)	6/19 at 100.00	Baa1 (4)	3,966,300
5,135	Total New Jersey	0,17 41 100.00	Duur (1)	6,744,661
0,100	New York – 1.5%			0,7 : 1,001
	Liberty Development Corporation, New York,			
	Goldman Sachs Headquarters Revenue Bonds			
3,000	Series	No Opt. Call	A	3,208,830
	2007, 5.500%, 10/01/37	•		
	Port Authority of New York and New Jersey,	12/20 at		
130	Special Project Bonds, JFK International Air	100.00	BBB	144,196
	Terminal LLC Project, Eighth Series 2010,			
	6.000%, 12/01/42			
3,130	Total New York			3,353,026
	Ohio – 6.5%			
	American Municipal Power Ohio Inc., General			
	Revenue Bonds, Prairie State Energy Campus			
5,000	Project	2/19 at 100.00	AA-	5,300,800
	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:			

2,115	5.875%, 6/01/30	6/17 at 100.00	В	1,689,695
5,910	6.500%, 6/01/47 Ohio State Higher Educational Facilities	6/17 at 100.00	В	4,832,725
2 000	Commission, Hospital Revenue Bonds,	1/15 at 100 00	A (4)	2 196 220
2,000	University Hospitals Health System, Series 2009, 6.750%, 1/15/39 (Pre-refunded 1/15/15)	1/15 at 100.00	A (4)	2,186,320
15,025	Total Ohio			14,009,540
- ,	Puerto Rico – 4.3%			, , -
	Puerto Rico Aqueduct and Sewerage			
	Authority, Revenue Bonds, Senior Lien Series			
4,390	2008A,	7/18 at 100.00	BBB–	3,852,225
	6.000%, 7/01/44			
	Puerto Rico Highway and Transportation			
500	Authority, Highway Revenue Bonds, Series 2003G, 5.000%,	No Opt. Call	BBB	501,200
300	7/01/22 – FGIC Insured	No Opt. Can	БББ	301,200
	Puerto Rico Sales Tax Financing Corporation,			
	Sales Tax Revenue Bonds, First Subordinate			
3,000	Series	8/19 at 100.00	A+	3,003,000
	2009A, 6.000%, 8/01/42			
	Puerto Rico Sales Tax Financing Corporation,			
	Sales Tax Revenue Bonds, Tender Option			
2,500	Bonds	No Opt. Call	AA-	1,956,400
10.200	Trust 11851, 19.182%, 2/01/16 (IF)			0.212.925
10,390	Total Puerto Rico Rhode Island – 3.0%			9,312,825
	Rhode Island – 3.0% Rhode Island Health and Educational Building			
	Corporation, Hospital Financing Revenue			
3,000	Bonds,	5/19 at 100.00	A-	3,253,410
- ,	Lifespan Obligated Group Issue, Series 2009A,			-,, -
	7.000%, 5/15/39			
	Rhode Island Tobacco Settlement Financing			
	Corporation, Tobacco Settlement	12/13 at		
3,240	Asset-Backed Bonds,	100.00	BBB+	3,242,851
6.240	Series 2002A, 6.125%, 6/01/32			C 10 C 0 C1
6,240	Total Rhode Island			6,496,261
	South Carolina – 1.2%			
	Piedmont Municipal Power Agency, South Carolina, Electric Revenue Bonds, Series			
5,435	2004A-2,	No Opt. Call	AA-	2,667,607
2,132	0.000%, 1/01/29 – AMBAC Insured	rvo opt. can	1111	2,007,007
	Texas – 6.9%			
	Ennis Independent School District, Ellis			
	County, Texas, General Obligation Bonds,			
3,550	Series 2006,	8/16 at 46.64	Aaa	1,362,455
	0.000%, 8/15/31			
	Grand Parkway Transportation Corporation,	10/65		
1.055	Texas, System Toll Revenue Bonds, Frst Tier	10/23 at	DDD.	1 021 227
1,855	Series	100.00	BBB+	1,831,237

	2013A, 5.500%, 4/01/53 (WI/DD, Settling 8/01/13)			
	North Texas Tollway Authority, Second Tier			
	System Revenue Refunding Bonds, Series			
5,400	2008F,	1/18 at 100.00	A3	5,676,264
	5.750%, 1/01/38			
	Richardson Hospital Authority, Texas,			
	Revenue Bonds, Richardson Regional Medical	12/13 at		
5,000	Center,	100.00	A+	5,064,200
	Series 2004, 6.000%, 12/01/34			
	Texas State, General Obligation Bonds, Public			
1,000	Financing Authority, Refunding Series 2011, 4.000%, 10/01/13	No Opt. Call	Aaa	1,006,440
16,805	Total Texas			14,940,596
,	Virgin Islands – 0.5%			, ,
	Virgin Islands Public Finance Authority,			
	Matching Fund Revenue Loan Note – Diageo	10/19 at		
1,000	Project,	100.00	BBB	1,108,840
	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+	2,290,160
	Mountain States Health Alliance, Series			
	2009C, 7.750%, 7/01/38			
	Wisconsin – 7.8%			
	Wisconsin Health and Educational Facilities			
1.500	Authority, Revenue Bonds, ProHealth Care,	2/10 . 100.00		1 (22 070
1,500	Inc.	2/19 at 100.00	A+	1,632,870
	Obligated Group, Series 2009, 6.625%,			
	2/15/39			
	Wisconsin State, General Fund Annual			
9,000	Appropriation Revenue Bonds, Refunding Series 2009A,	5/19 at 100.00	Λ Λ	10 254 220
9,000	•	3/19 at 100.00	AA–	10,254,330
	6.000%, 5/01/36 Wisconsin Health and Educational Facilities			
	Authority, Revenue Bonds, Aurora Healthcare	10/13 at		
5,000	Inc.,	100.00	A	5,006,300
3,000	Series 2003, 6.400%, 4/15/33	100.00	11	3,000,300
15,500	Total Wisconsin			16,893,500
5 223,120	Total Investments (cost \$188,453,374) – 99.0%)		214,763,064
,	Other Assets Less Liabilities – 1.0%			2,218,606
	Net Assets – 100%			\$ 216,981,670

\$

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	\$ —	- 214,763,064	\$ -	- \$214,763,064

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, 2013, the cost of investments was \$187,477,508.

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

Gross unrealized:

Appreciation \$29,592,663
Depreciation (2,307,107)
Net unrealized appreciation (depreciation) of investments \$27,285,556

- (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) Investment, or portion of investment, has been pledged to collateralize the net payment obligations for investments in inverse floating rate transactions.
- (6) 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.
- WI/DD Investment, or portion of investment, purchased on a when-issued or delayed delivery basis.
 - (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: September 27, 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: September 27, 2013

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

Stephen D. Foy

Vice President and Controller (principal financial officer)

Date: September 27, 2013