Nuveen AMT-Free Municipal Value Fund Form N-Q September 29, 2015

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

FORM N-Q

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: 7/31/15

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

Nuveen AMT-Free Municipal Value Fund (NUW) July 31, 2015 (Unaudited)

Principal		Optional Call		
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
	LONG-TERM INVESTMENTS – 101.6%		_	
	MUNICIPAL BONDS – 101.6%			
	Alaska – 0.4%			
	Northern Tobacco Securitization Corporation	,		
	Alaska, Tobacco Settlement Asset-Backed			
	Bonds,			
	Series 2006A:			
		12/15 at		
\$ 740	4.625%, 6/01/23	100.00 12/15 at	Ba1	\$ 740,000
350	5.000%, 6/01/46	100.00	В	268,741
1,090	Total Alaska			1,008,741
	Arizona – 3.5%			
	Maricopa County Pollution Control			
	Corporation, Arizona, Pollution Control			
4,000	Revenue Bonds, El Paso	2/19 at 100.00	Baa1	4,604,520
	Electric Company, Refunding Series 2009A, 7.250%, 2/01/40			
	Salt Verde Financial Corporation, Arizona,			
	Senior Gas Revenue Bonds, Citigroup Energy	y		
3,045	Inc	No Opt. Call	A-	3,348,830
	Prepay Contract Obligations, Series 2007,			
	5.000%, 12/01/37			
7,045	Total Arizona			7,953,350
	California – 11.3%			
	Anaheim Public Financing Authority,			
	California, Lease Revenue Bonds, Public			
990	Improvement Project,	No Opt. Call	AA	518,443
	Series 1997C, 0.000%, 9/01/30 – AGM Insur	ed		
	California State Public Works Board, Lease			
	Revenue Bonds, Department of General			
2,500	Services	4/19 at 100.00	A+	2,935,050
	Buildings 8 & 9, Series 2009A, 6.250%,			
	4/01/34			
500		No Opt. Call	AA	832,760

	·			
	California State, General Obligation Bonds, Tender Option Bond Trust 3162, 19.770%,			
	3/01/18 – AGM Insured (IF)			
	Golden State Tobacco Securitization			
	Corporation, California, Tobacco Settlement			
4,235	Asset-Backed	6/17 at 100.00	В	3,551,556
	Bonds, Series 2007A-1, 5.000%, 6/01/33			
	M-S-R Energy Authority, California, Gas			
450	Revenue Bonds, Citigroup Prepay Contracts, Series 2009A,	No Opt. Call	A	591,602
	6.500%, 11/01/39	Tro opu cum		071,002
	Palomar Pomerado Health, California,			
	General Obligation Bonds, Series 2009A,			
10,200	0.000%, 8/01/38 – AGC Insured	8/29 at 100.00	AA	10,623,400
	San Ysidro School District, San Diego			
	County, California, General Obligation			
12,955	Bonds, 1997 Election	No Opt. Call	AA	5,012,030
	Series 2012G, 0.000%, 8/01/35 – AGM			
	Insured			
	San Ysidro School District, San Diego County, California, General Obligation			
5,185	Bonds, Refunding	No Opt. Call	AA	1,189,283
0,100	Series 2015, 0.000%, 8/01/44	Tro opu cum		1,103,200
	Victor Elementary School District, San			
= 00	Bernardino County, California, General			
700	Obligation Bonds,	No Opt. Call	AA-	527,702
37,715	Series 2002A, 0.000%, 8/01/24 – FGIC Insured Total California	u		25,781,826
37,713	Colorado – 6.3%			23,701,020
	Denver, Colorado, Airport System Revenue	11/15 at		
5,000	Bonds, Series 2005A, 5.000%, 11/15/25 –	100.00	A+	5,068,900
	SYNCORA GTY Insured			
	E-470 Public Highway Authority, Colorado, Toll Revenue Bonds, Series 2004A, 0.000%,			
5,885	9/01/34 –	No Opt. Call	AA-	2,674,791
2,002	NPFG Insured	rio opu oum	1 11 1	_,0,
	E-470 Public Highway Authority, Colorado,			
	Toll Revenue Bonds, Series 2004B, 0.000%,			
3,605	9/01/27 –	9/20 at 67.94	AA-	2,014,294
	NPFG Insured Park Creek Metropolitan District, Colorado,			
	Senior Property Tax Supported Revenue	12/19 at		
4,000	Bonds,	100.00	AA	4,612,360
	Series 2009, 6.375%, 12/01/37 – AGC Insured			
18,490	Total Colorado			14,370,345
	Florida – 8.3% Miami-Dade County, Florida, Aviation			
	Revenue Bonds, Miami International Airport,	10/19 at		
9,500	Series 2009A,	100.00	A	10,739,275

	5.500%, 10/01/41 (UB) (5) 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	2,833,300
2,000	5.625%, 7/01/38	7/18 at 100.00	AA	2,233,040
,	Tolomato Community Development District,			,,-
	Florida, Special Assessment Bonds,			
300	Convertible,	5/17 at 100.00	N/R	220,515
	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	518,438
	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	166,556
	Capital Appreciation, Series 2012A-4,			
	0.000%, 5/01/40			
	Tolomato Community Development District,			
525	Florida, Special Assessment Bonds, Hope	5/10 -+ 100 00	NI/D	_
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			
45	Performing	5/18 at 100.00	N/R	45,759
15	ParcelSeries 2007-1. RMKT, 6.450%, 5/01/23	3/10 at 100.00	17/10	13,737
	(6)			
	Tolomato Community Development District,			
	Florida, Special Assessment Bonds,			
910	Refunding Series	5/17 at 100.00	N/R	912,621
	2012A-1, 6.450%, 5/01/23			
	Tolomato Community Development District,			
	Florida, Special Assessment Bonds,			0.1.
1,315	Refunding Series	5/18 at 100.00	N/R	812,499
	2015-1, 0.000%, 5/01/40			
	Tolomato Community Development District,			
805	Florida, Special Assessment Bonds, Refunding Series	5/18 at 100.00	N/R	420,854
803	2015-2, 0.000%, 5/01/40	3/16 at 100.00	11/1	420,634
	Tolomato Community Development District,			
	Florida, Special Assessment Bonds,			
880	Refunding Series	5/18 at 100.00	N/R	9
	2015-3, 6.610%, 5/01/40			
20,020	Total Florida			18,902,871
	Georgia – 0.8%			
	Atlanta, Georgia, Tax Allocation Bonds,			
460	Beltline Project Series 2008A. Remarketed,	1/19 at 100.00	A2	534,695

	7.500%, 1/01/31 Clayton County Development Authority, Georgia, Special Facilities Revenue Bonds,			
1,000	Delta Air Lines, Inc. Project, Series 2009A, 8.750%,	6/20 at 100.00	BB	1,234,770
1,460	6/01/29 Total Georgia Illinois – 12.3% Chicago, Illinois, General Obligation Bonds,			1,769,465
255	City Colleges, Series 1999:	N- O-4 C-11	A A	127.060
355 3,000	0.000%, 1/01/33 – FGIC Insured 0.000%, 1/01/37 – FGIC Insured	No Opt. Call No Opt. Call	AA- AA-	137,868 937,590
3,000	Chicago, Illinois, General Obligation Bonds, Series 2005A, 5.000%, 1/01/17 – AGM	No Opt. Can	AA-	731,370
3,000	Insured	1/16 at 100.00	AA	3,011,520
2.50	Cook and DuPage Counties High School District 210 Lemont, Illinois, General	146 100 00		261010
260	Obligation Bonds, Refunding Series 2006, 5.000%, 1/01/26 – NPFG Insured Cook and DuPage Counties High School	1/16 at 100.00	Aa2	264,940
465	District 210 Lemont, Illinois, General Obligation Bonds, Refunding Series 2006, 5.000%, 1/01/26 (Pre-refunded 1/01/16) – NPFG Insured	1/16 at 100.00	Aa2 (4)	474,379
	Cook County Township High School District 225 Northfield, Illinois, General Obligation			
1,885	Bonds,	No Opt. Call	AAA	1,882,700
1,000	Capital Appreciation Refunding Series 2002B, 0.000%, 12/01/15 – NPFG Insured Illinois Finance Authority, Revenue Bonds, Northwestern Memorial Hospital, Series	rio opi. cum	71111	1,002,700
5,035	2009A, 6.000%, 8/15/39	8/19 at 100.00	AA+	5,751,632
3,500	Illinois Finance Authority, Revenue Bonds, OSF Healthcare System, Series 2009A, 7.125%, 11/15/37	5/19 at 100.00	A	4,085,655
5,000	Illinois Finance Authority, Revenue Bonds, Rush University Medical Center Obligated Group,	11/18 at 100.00	Aaa (4)	5,980,350
	Series 2009A, 7.250%, 11/01/38 (Pre-refunded 11/01/18) Illinois Finance Authority, Student Housing Revenue Bonds, Educational Advancement			
3,940	Fund Inc., Refunding Series 2007A, 5.250%, 5/01/34 University of Illinois, Health Services	5/17 at 100.00	BBB+	4,037,633
615	Facilities System Revenue Bonds, Series	10/23 at	A	605 125
013	2013, 6.000%, 10/01/42	100.00	A	695,135
1,045	,	No Opt. Call	AA-	785,286

	Will County Community Unit School District 201U, Crete-Monee, Illinois, General Obligation Bonds, Capital Appreciation Series 2004, 0.000%,			
28,100	11/01/23 – FGIC Insured Total Illinois Indiana – 7.5% Indiana Finance Authority, Hospital Revenue			28,044,688
5,000	Bonds, Deaconess Hospital Obligated Group, Series 2009A, 6.750%, 3/01/39 (Pre-refunded 3/01/19)	3/19 at 100.00	AA- (4)	5,992,250
3,600	Indiana Health and Educational Facilities Financing Authority, Revenue Bonds, Sisters of Saint Francis Health Services Inc, Series 2006E,	5/18 at 100.00	Aa3	3,822,876
1,770	5.250%, 5/15/41 – AGM Insured Indiana Health Facility Financing Authority, Revenue Bonds, Community Foundation of Northwest Indiana, Series 2007, 5.500%, 3/01/37	3/17 at 100.00	A	1,854,146
1,880	Indiana Health Facility Financing Authority, Revenue Bonds, Community Foundation of Northwest Indiana, Series 2007, 5.500%, 3/01/37	3/17 at 100.00	N/R (4)	2,024,816
2,000	(Pre-refunded 3/01/17) Indiana Municipal Power Agency, Power Supply System Revenue Bonds, Series 2009B, 6.000%, 1/01/39	1/19 at 100.00	A+	2,285,680
1,500	Indianapolis Local Public Improvement Bond Bank, Indiana, Series 1999E, 0.000%, 2/01/25 – AMBAC Insured	No Opt. Call	AA	1,125,390
15,750	Total Indiana Iowa – 1.9% Iowa Finance Authority, Iowa, Midwestern Disaster Area Revenue Bonds, Iowa Fertilizer	12/18 at		17,105,158
1,545	Company Project, Series 2013, 5.500%, 12/01/22 Iowa Tobacco Settlement Authority, Asset	100.00	BB-	1,636,943
3,025	Backed Settlement Revenue Bonds, Series 2005C,	12/15 at 100.00	В+	2,616,232
4,570	5.375%, 6/01/38 Total Iowa Kansas – 0.1%			4,253,175
260	Wyandotte County-Kansas City Unified Government, Kansas, Sales Tax Special Obligation Capital Appreciation Revenue Bonds Redevelopment Project Area B – Major Multi-Sport Athletic	No Opt. Call	A-	189,751

	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	5,668,800
	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	7,388,780
275	5.500%, 5/15/47	5/17 at 100.00	Baa1	291,038
	St John Baptist Parish, Louisiana, Revenue			
	Bonds, Marathon Oil Corporation, Series			
3,255	2007A,	6/17 at 100.00	Baa1	3,388,553
15.500	5.125%, 6/01/37			16 505 151
15,530	Total Louisiana			16,737,171
	Maine – 2.0%			
	Maine Health and Higher Educational			
2 225	Facilities Authority, Revenue Bonds,	7/19 at 100.00	4.2	1 105 675
3,335	Bowdoin College, Tender Option Bond Trust 2009-5B,	7/19 at 100.00	Aa2	4,485,675
	13.267%, 7/01/39 (IF) (5)			
	Maryland -0.2%			
	Baltimore, Maryland, Senior Lien Convention			
	Center Hotel Revenue Bonds, Series 2006A:			
180	5.250%, 9/01/26 – SYNCORA GTY Insured	9/16 at 100.00	Ba1	183,661
275	5.250%, 9/01/27 – SYNCORA GTY Insured	9/16 at 100.00	Ba1	280,506
455	Total Maryland	,, _		464,167
	Massachusetts – 0.6%			,
	Massachusetts Water Pollution Abatement			
	Trust, Pooled Loan Program Bonds, Tender			
1,000	Option Bond	8/19 at 100.00	AAA	1,392,140
	Trust 2989, 13.780%, 8/01/38 (IF)			
	Michigan – 4.2%			
	Detroit, Michigan, Second Lien Sewerage			
	Disposal System Revenue Bonds, Series			
5,050	2005A, 5.000%,	1/16 at 100.00	AA-	5,119,589
	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-	50,897
	7/01/33 – NPFG Insured			
	Detroit, Michigan, Water Supply System			
2.100	Senior Lien Revenue Refunding Bonds,	= 44.6 4.00.00		2 4 7 2 4 2 4
3,100	Series 2006D,	7/16 at 100.00	AA	3,158,404
	5.000%, 7/01/32 – AGM Insured			
	Michigan State Building Authority, Revenue			
1 005	Bonds, Refunding Series 2006IA, 0.000%,	10/16 at 61 22	A A	1 204 041
1,985	10/15/26 –	10/16 at 61.33	AA	1,204,041

10,185	AGM Insured Total Michigan Nevada – 4.2% Clark County Water Reclamation District,			9,532,931
1,000	Nevada, General Obligation Water Bonds, Series 2009A, 5.250%, 7/01/34	7/19 at 100.00	AAA	1,132,530
5,415	Las Vegas Redevelopment Agency, Nevada, Tax Increment Revenue Bonds, Series 2009A, 8.000%, 6/15/30	6/19 at 100.00	ВВВ	6,187,233
2,000	Las Vegas Valley Water District, Nevada, General Obligation Bonds, Refunding Series 2015, 5.000%, 6/01/39	12/24 at 100.00	AA+	2,245,480
8,415	Total Nevada			9,565,243
-, -	New Jersey – 3.5% Garden State Preservation Trust, New Jersey, Open Space and Farmland Preservation			.,,
1,500	Bonds, Series 2003A, 5.500%, 11/01/15 – AGM Insured New Jersey Educational Facilities Authority, Revenue Bonds, University of Medicine and	No Opt. Call	AAA	1,520,100
2,135	Dentistry of New Jersey, Refunding Series 2009B: 7.125%, 12/01/23 (Pre-refunded 6/01/19)	6/19 at 100.00	N/R (4)	2,607,198
3,000	7.500%, 12/01/32 (Pre-refunded 6/01/19)	6/19 at 100.00	N/R (4)	3,705,510
6,635	Total New Jersey	0,19 40 100.00	1,,21(1)	7,832,808
	New York – 2.4%			
	Hudson Yards Infrastructure Corporation,			
1,530	New York, Revenue Bonds, Series 2006A, 5.000%, 2/15/47 New York Liberty Development Corporation, Revenue Bonds, Goldman Sachs	2/17 at 100.00	A	1,604,419
3,000	Headquarters Issue, Series 2007, 5.500%, 10/01/37	No Opt. Call	A	3,617,430
120	Port Authority of New York and New Jersey,	12/20 at	DDD	151 662
130	Special Project Bonds, JFK International Air Terminal LLC Project, Eighth Series 2010, 6.000%, 12/01/42	100.00	BBB	151,663
4,660	Total New York			5,373,512
	Ohio – 5.6% American Municipal Power Ohio Inc., Prairie			
5,000	State Energy Campus Project Revenue Bonds, Series 2009A, 5.750%, 2/15/39 (Pre-refunded 2/15/19) – 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 (4)	5,811,900

2,115 5,910 13,025	5.875%, 6/01/30 6.500%, 6/01/47 Total Ohio Oklahoma – 1.0%	6/17 at 100.00 6/17 at 100.00	B- B	1,750,987 5,133,426 12,696,313
2,150	Norman Regional Hospital Authority, Oklahoma, Hospital Revenue Bonds, Series 2007, 5.125%, 9/01/37 Rhode Island – 1.5%	9/17 at 100.00	BBB-	2,236,237
3,000	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	BBB+	3,406,410
5,435	South Carolina – 1.4% Piedmont Municipal Power Agency, South Carolina, Electric Revenue Bonds, Series 2004A-2, 0.000%, 1/01/29 – AMBAC Insured Texas – 5.9%	No Opt. Call	AA	3,260,511
3,550	Ennis Independent School District, Ellis County, Texas, General Obligation Bonds, Series 2006, 0.000%, 8/15/31 (Pre-refunded 8/15/16)	8/16 at 46.64	Aaa	1,647,946
1,855	Grand Parkway Transportation Corporation, Texas, System Toll Revenue Bonds, First Tier Series 2013A, 5.500%, 4/01/53	10/23 at 100.00	BBB+	2,039,127
5,435	North Texas Tollway Authority, System Revenue Bonds, Refunding Second Tier, Series 2008F, 5.750%, 1/01/38 (Pre-refunded 1/01/18) Texas Municipal Gas Acquisition and Supply	1/18 at 100.00	A2 (4)	6,067,199
1,500	Corporation III, Gas Supply Revenue Bonds, Series 2012, 5.000%, 12/15/32 Wichita Falls Independent School District,	No Opt. Call	A3	1,612,725
2,000	Wichita County, Texas, General Obligation Bonds, Series 2007, 5.000%, 2/01/23 (Pre-refunded	2/17 at 100.00	AAA	2,133,420
14,340	2/01/17) Total Texas Virgin Islands – 0.5% Virgin Islands Public Finance Authority			13,500,417
1,000	Virgin Islands Public Finance Authority, Matching Fund Revenue Loan Note – Diageo Project, Series 2009A, 6.750%, 10/01/37 Virginia – 2.2%	10/19 at 100.00	Baa3	1,127,410
1,400	Chesapeake, Virginia, Transportation System Senior Toll Road Revenue Bonds, Capital Appreciation Series 2012B, 0.000%, 7/15/40	7/28 at 100.00	BBB	990,136

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	Route 460 Funding Corporation, Virginia, Toll Road Revenue Bonds, Series 2012A:			
500	5.125%, 7/01/49	No Opt. Call	BBB-	537,795
1,000	5.000%, 7/01/52	No Opt. Call	BBB-	1,052,340
	Washington County Industrial Development Authority, Virginia, Hospital Revenue Bonds	,		
2,000	Mountain	1/19 at 100.00	BBB+	2,297,480
	States Health Alliance, Series 2009C,			
4.000	7.750%, 7/01/38			4.055.551
4,900	Total Virginia			4,877,751
	West Virginia – 0.7% West Virginia Hospital Finance Authority,			
	Hospital Revenue Bonds, West Virginia			
1,500	United Health	6/23 at 100.00	A	1,686,960
1,500	System Obligated Group, Refunding and	0/23 at 100.00	11	1,000,700
	Improvement Series 2013A, 5.500%, 6/01/44			
	Wisconsin – 5.9%			
	Wisconsin Health and Educational Facilities			
	Authority, Revenue Bonds, Marshfield Clinic	,		
1,000	Series	2/22 at 100.00	A–	1,104,660
	2012B, 5.000%, 2/15/27			
	Wisconsin Health and Educational Facilities			
	Authority, Revenue Bonds, ProHealth Care,			
1,605	Inc.	2/19 at 100.00	A+(4)	1,913,032
	Obligated Group, Series 2009, 6.625%,			
	2/15/39 (Pre-refunded 2/15/19) Wisconsin State, General Fund Annual			
	Appropriation Revenue Bonds, Refunding			
9,000	Series 2009A,	5/19 at 100.00	AA-	10,441,530
2,000	6.000%, 5/01/36	3/17 at 100.00	7 1.7	10,111,330
11,605	Total Wisconsin			13,459,222
,	Total Long-Term Investments (cost			, ,
\$ 241,670	\$195,884,885)			231,014,248
	Floating Rate Obligations $-(3.1)\%$		(7,1	25,000)
	Other Assets Less Liabilities – 1.5%			3,420,398
	Net Assets – 100%		\$	227,309,646

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	\$ —	- \$231,014,248	\$ —	- \$231,014,248

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, 2015, the cost of investments was \$187,456,280.

Gross unrealized appreciation and gross unrealized depreciation of investments as of July 31, 2015, were as follows:

Gross unrealized:

Appreciation \$36,578,335

Depreciation (145,367)

Net unrealized appreciation (depreciation) of investments \$36,432,968

- (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.
 - 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.

- As of, or subsequent to, the end of the reporting period this security is non-income producing.
- (6) 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 ceased accruing additional income on the Fund's records.
- (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 /s/ Kevin J. McCarthy

and Title)

Kevin J. McCarthy

Vice President and Secretary

Date: September 29, 2015

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 /s/ Gifford R. Zimmerman

and Title)

Gifford R. Zimmerman

Chief Administrative Officer (principal executive officer)

Date: September 29, 2015

By

(Signature /s/ Stephen D. Foy

and Title)

Stephen D. Foy

Vice President and Controller (principal financial officer)

Date: September 29, 2015