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 Amount (000)	Description (1) LONG-TERM INVESTMENTS – 101.6%	Optional Call Provisions (2)	Ratings (3)	Value
	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	Ba1	\$ 740,000
		12/15 at		
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,			
2.045	Senior Gas Revenue Bonds, Citigroup Energy	N - O - 4 C - 11	A	2 240 020
3,045	Inc	No Opt. Call	A–	3,348,830
	Prepay Contract Obligations, Series 2007,			
7,045	5.000%, 12/01/37 Total Arizona			7,953,350
7,043	California – 11.3%			7,933,330
	Anaheim Public Financing Authority,			
	California, Lease Revenue Bonds, Public			
990	Improvement Project,	No Opt. Call	AA	518,443
<i>770</i>	Series 1997C, 0.000%, 9/01/30 – AGM Insure	•	7 17 1	310,113
	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	=	6/17 at 100.00	В	3,551,556
1,233	Bonds, Series 2007A-1, 5.000%, 6/01/33	o, 1 , u t 100.00	D	3,331,330
	M-S-R Energy Authority, California, Gas			
	Revenue Bonds, Citigroup Prepay Contracts,			
450	Series 2009A,	No Opt. Call	A	591,602
	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	10 (22 400
10,200	8/01/38 – AGC Insured	8/29 at 100.00	AA	10,623,400
	San Ysidro School District, San Diego			
	County, California, General Obligation Bonds,			
12,955	1997 Election	No Opt. Call	AA	5,012,030
,	Series 2012G, 0.000%, 8/01/35 - AGM Insured	1		, ,
	San Ysidro School District, San Diego			
	County, California, General Obligation Bonds,			
5,185	Refunding	No Opt. Call	AA	1,189,283
	Series 2015, 0.000%, 8/01/44			
	Victor Elementary School District, San			
700	Bernardino County, California, General Obligation Bonds,	No Opt. Call	AA-	527,702
700	Series 2002A, 0.000%, 8/01/24 – FGIC Insured	No Opt. Can	AA-	321,102
37,715	Total California			25,781,826
-,,,	Colorado – 6.3%			,
	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,			
5.005	Toll Revenue Bonds, Series 2004A, 0.000%,	N 0 4 C 11		2 (74 701
5,885	9/01/34 – NPFG Insured	No Opt. Call	AA-	2,674,791
	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
10.100	Series 2009, 6.375%, 12/01/37 – AGC Insured			1 1 2 2 2 2 1 2
18,490	Total Colorado			14,370,345
	Florida – 8.3% Miemi Dada County, Florida, Aviation			
	Miami-Dade County, Florida, Aviation Revenue Bonds, Miami International Airport,	10/19 at		
9,500	Series 2009A,	100.00	A	10,739,275
- ,- 00	5.500%, 10/01/41 (UB) (5)	100.00		,,-,-,-

	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
2,000	Tolomato Community Development District,	7710 40 100.00	1111	2,233,010
	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,			
27.5	Florida, Special Assessment Bonds,	5/00 + 100.00	11/0	166 556
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,			
	Florida, Special Assessment Bonds, Hope			
525	Note, Series	5/18 at 100.00	N/R	5
323	2007-3, 6.450%, 5/01/23 (6)	3/10 u t 100.00	1010	J
	Tolomato Community Development District,			
	Florida, Special Assessment Bonds, Non			
45	Performing	5/18 at 100.00	N/R	45,759
	ParcelSeries 2007-1. RMKT, 6.450%, 5/01/23			
	(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,			
1 215	Florida, Special Assessment Bonds,	5/19 at 100 00	NI/D	912 400
1,315	Refunding Series 2015-1, 0.000%, 5/01/40	5/18 at 100.00	N/R	812,499
	Tolomato Community Development District,			
	Florida, Special Assessment Bonds,			
805	Refunding Series	5/18 at 100.00	N/R	420,854
002	2015-2, 0.000%, 5/01/40	<i>C</i> , 10 a 100.00	1,111	.20,00
	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,	440		
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	6/20 at 100.00	BB	1,234,770
	Lines, Inc. Project, Series 2009A, 8.750%,			
	6/01/29			
1,460	Total Georgia			1,769,465
	Illinois – 12.3%			
	Chicago, Illinois, General Obligation Bonds,			
	City Colleges, Series 1999:			
355	0.000%, 1/01/33 – FGIC Insured	No Opt. Call	AA-	137,868
3,000	0.000%, 1/01/37 – FGIC Insured	No Opt. Call	AA-	937,590
	Chicago, Illinois, General Obligation Bonds,			
3,000	Series 2005A, 5.000%, 1/01/17 – AGM Insure	d 1/16 at 100.00	AA	3,011,520
	Cook and DuPage Counties High School			
	District 210 Lemont, Illinois, General			
260	Obligation Bonds,	1/16 at 100.00		