Nuveen AMT-Free Municipal Credit Income Fund Form N-Q September 28, 2018

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 811-09475

Nuveen AMT-Free Municipal Credit Income 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)

Gifford R. Zimmerman

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: October 31

Date of reporting period: July 31, 2018

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

NVC				
NVG	F. F. Marie and Carlied F. 1			
	7-Free Municipal Credit Income Fund			
	nvestments July 31, 2018			
(Unaudited)				
Principal		Optional Call	Ratings	
Amount	Description (1)	Provisions (2)	Ratings (3)	Value
(000)		110 (1510115 (2)	(3)	
	LONG-TERM INVESTMENTS – 158.7% (99.8% of Total			
	Investments)			
	MUNICIPAL BONDS – 158.7% (99.8% of Total Investments)			
	Alabama – 1.6% (1.0% of Total Investments)			
	Alabama Private Colleges and University Facilities Authority,			
\$ 3,645	Limited Obligation Bonds, University of Mobile Project, Series 2015A, 6.000%, 9/01/45, 144A	9/25 at 100.00	N/R	\$3,655,206
22.655	Lower Alabama Gas District, Alabama, Gas Project Revenue	N. O . C 11	4.0	27 22 4 222
22,655	Bonds, Series 2016A, 5.000%, 9/01/46	No Opt. Call	A3	27,234,029
	Mobile Spring Hill College Educational Building Authority,			
8,100	Alabama, Revenue Bonds, Spring Hill College Project, Series	4/25 at 100.00	N/R	8,101,539
	2015, 5.875%, 4/15/45			
	Opelika Utilities Board, Alabama, Utility Revenue Bonds, Series			
	2011B:			
1,250	4.000%, 6/01/29 – AGM Insured	6/21 at 100.00	Aa3	1,299,162
1,000	4.250%, 6/01/31 – AGM Insured	6/21 at 100.00	Aa3	1,043,880
,	Southeast Alabama Gas Supply District, Alabama, Gas Supply			,
7,985	Revenue Bonds, Project 2, Series 2018A, 4.000%, 6/01/49	3/24 at 100.28	A3	8,500,432
,	(Mandatory Put 6/01/24)			
	The Improvement District of the City of Mobile - McGowin Park			
	Project, Alabama, Sales Tax Revenue Bonds, Series 2016A:			
1,000	5.250%, 8/01/30	8/26 at 100.00	N/R	1,025,590
1,300	5.500%, 8/01/35	8/26 at 100.00	N/R	1,331,746
46,935	Total Alabama			52,191,584
	Alaska – 0.8% (0.5% of Total Investments)			
	Northern Tobacco Securitization Corporation, Alaska, Tobacco			
	Settlement Asset-Backed Bonds, Series 2006A:			
7,010	5.000%, 6/01/32	9/18 at 100.00	B3	7,050,728
17,995	5.000%, 6/01/46	9/18 at 100.00	B3	18,099,551
25,005	Total Alaska			25,150,279
	Arizona – 3.0% (1.9% of Total Investments)			
	Apache County Industrial Development Authority, Arizona,			
4,230	Pollution Control Revenue Bonds, Tucson Electric Power	3/22 at 100.00	A-	4,514,975
	Company, Series 20102A, 4.500%, 3/01/30			
	Arizona Industrial Development Authority, Arizona, Education			
1,475	Facility Revenue Bonds, Basis Schools, Inc. Projects, Series	7/27 at 100.00	BB	1,517,686
	2017D, 5.000%, 7/01/47			
	Arizona Sports and Tourism Authority, Tax Revenue Bonds,			
10,000	Multipurpose Stadium Facility Project, Refunding Senior Series	7/22 at 100.00	A	10,641,800
	2012A, 5.000%, 7/01/31			
2 000	Arizona State, Certificates of Participation, Department of	4/20 of 100 00	102	2 140 520
3,000	Administration Series 2010B, 5.000%, 10/01/29 - AGC Insured	4/20 at 100.00	Aas	3,149,520
	Arizona State, Certificates of Participation, Series 2010A:			

1,200	5.250%, 10/01/28 - AGM Insured	10/19 at 100.00 Aa3	1,247,868
1,500	5.000%, 10/01/29 - AGM Insured	10/19 at 100.00 Aa3	1,555,005
7,070 1	Arizona State, State Lottery Revenue Bonds, Series 2010A, 5.000%, 7/01/29 – AGC Insured	1/20 at 100.00 A1	7,378,252

NVGNuve	en AMT-Free Municipal Credit Income Fund (continued)			
Portfo	olio of Investments July 31, 2018			
(Unau	adited)			
Principal		Ontional Call	Datings	
Amount	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
(000)		FIOVISIONS (2)	(3)	
	Arizona (continued)			
\$ 3,390	Cahava Springs Revitalization District, Cave Creek, Arizona,	7/27 at 100.00	N/R	\$3,459,427
\$ 3,390	Special Assessment Bonds, Series 2017A, 7.000%, 7/01/41	1121 at 100.00	11/1	\$3,439,427
	Phoenix Civic Improvement Corporation, Arizona, Airport			
7,780	Revenue Bonds, Junior Lien Series 2010A, 5.000%, 7/01/40	7/20 at 100.00	A+(4)	8,265,861
	(Pre-refunded 7/01/20)			
	Phoenix Civic Improvement Corporation, Arizona, Revenue			
	Bonds, Civic Plaza Expansion Project, Series 2005B:			
6,000	5.500%, 7/01/37 – FGIC Insured	No Opt. Call	AA	7,846,020
8,755	5.500%, 7/01/39 – FGIC Insured	No Opt. Call	AA	11,584,528
	Phoenix Industrial Development Authority, Arizona, Education			
	Facility Revenue Bonds, Basis Schools, Inc. Projects, Series			
	2016A:			
620	5.000%, 7/01/35	7/25 at 100.00	BB	640,454
1,025	5.000%, 7/01/46	7/25 at 100.00	BB	1,049,621
	Phoenix Industrial Development Authority, Arizona, Multifamily			
2,065	• •	7/24 at 101.00	N/R	2,032,807
	Project, Series 2016A, 5.125%, 7/01/36			
	Pima County Industrial Development Authority, Arizona,			
	Education Facility Revenue and Refunding Bonds, Edkey			
400	Charter Schools Project, Series 2013:	- 100 100 00		450 500
490	6.000%, 7/01/33	7/20 at 102.00	BB-	470,738
610	6.000%, 7/01/43	7/20 at 102.00	BB-	563,201
350	6.000%, 7/01/48	7/20 at 102.00	BB-	319,228
1 405	Pima County Industrial Development Authority, Arizona,	7/20 / 102.00	DD	1 205 014
1,425	Education Facility Revenue Bonds, Edkey Charter Schools	7/20 at 102.00	BB-	1,385,214
	Project, Series 2014A, 7.375%, 7/01/49			
	Pima County Industrial Development Authority, Arizona,			
	Education Facility Revenue Bonds, Edkey Charter Schools			
1 120	Project, Series 2016:	7/26 at 100 00	DD	1 022 191
1,130 1,850	5.250%, 7/01/36 5.375%, 7/01/46	7/26 at 100.00 7/26 at 100.00	BB- BB-	1,023,181 1,634,234
2,135	5.500%, 7/01/40 5.500%, 7/01/51	7/26 at 100.00 7/26 at 100.00	BB-	1,882,088
2,133		7720 at 100.00	DD-	1,002,000
885	Pima County Industrial Development Authority, Arizona, Education Facility Revenue Bonds, San Tan Montessori School	2/24 at 100.00	N/R	843,830
003	Project, Series 2016, 6.500%, 2/01/48	2124 at 100.00	11/1	043,030
	Pima County Industrial Development Authority, Arizona,			
3,050	Education Facility Revenue Bonds, San Tan Montessori School	2/28 at 100.00	N/R	2,991,501
	Project, Series 2017, 6.750%, 2/01/50, 144A	2/26 at 100.00	11/1	2,991,301
	Pima County Industrial Development Authority, Arizona,			
105	Education Revenue Bonds, Noah Webster Schools Pima Project,	7/20 at 102 00	BB-	102,124
103	Series 2014A, 7.250%, 7/01/39	1120 at 102.00	-ממ	104,144
1,000	Pima County Industrial Development Authority, Arizona,	10/20 at 100.00	Α_	1,063,640
1,000	Revenue Bonds, Tucson Electric Power Company, Series 2010A,		Α-	1,003,040
	Revenue Donus, Tueson Electric Fower Company, Series 2010A,			

	5.250%, 10/01/40 Salt Verde Financial Corporation, Arizona, Senior Gas Revenue Bonds, Citigroup Energy Inc. Prepay Contract Obligations,			
	Series 2007:			0.212.602
7,975	5.000%, 12/01/32	No Opt. Call	BBB+	9,313,683
6,745	5.000%, 12/01/37	No Opt. Call	BBB+	8,020,345
	The Industrial Development Authority of the County of			
800	Maricopa, Arizona, Education Revenue Bonds, Reid Traditional School Projects, Series 2016, 5.000%, 7/01/47	7/26 at 100.00	Baa3	833,904
	Yavapai County Industrial Development Authority, Arizona,			
2,000	Hospital Revenue Bonds, Yavapai Regional Medical Center,	8/23 at 100.00	A3	2,193,760
	Series 2013A, 5.250%, 8/01/33			
88,660	Total Arizona			97,524,495
2				

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Arkansas – 0.2% (0.1% of Total Investments)			
	Arkansas Development Finance Authority, Tobacco			
	Settlement Revenue Bonds, Arkansas Cancer Research Center			
	Project, Series 2006:			
\$ 2,500	0.000%, 7/01/36 - AMBAC Insured	No Opt. Call	Aa2	\$1,207,775
20,460	0.000%, 7/01/46 - AMBAC Insured	No Opt. Call	Aa2	6,004,396
22,960	Total Arkansas			7,212,171
	California – 15.7% (9.9% of Total Investments)			
	Alameda Corridor Transportation Authority, California,			
	Revenue Bonds, Refunding Subordinate Lien Series 2004A:			