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 0 (0 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			
3,000	Arizona State, Certificates of Participation, Department of	,4/20 at 100.00	Δ 2 3	3,149,520
2,000	Administration Series 2010B, 5.000%, 10/01/29 - AGC Insured	d "20 at 100.00	1 143	3,177,340
	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

Portfo	en AMT-Free Municipal Credit Income Fund (continued) blio of Investments July 31, 2018			
•	idited)			
Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Arizona (continued)			
\$ 3,390	Cahava Springs Revitalization District, Cave Creek, Arizona, Special Assessment Bonds, Series 2017A, 7.000%, 7/01/41	7/27 at 100.00	N/R	\$3,459,427
7,780	Phoenix Civic Improvement Corporation, Arizona, Airport 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			
620	2016A:	7/25 -4 100 00	DD	(10.151
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
2.065	Phoenix Industrial Development Authority, Arizona, Multifamily		NI/D	2 022 007
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:	7/20 at 102.00	BB-	470 729
490 610	6.000%, 7/01/33	7/20 at 102.00 7/20 at 102.00	BB-	470,738
	6.000%, 7/01/43			563,201
350	6.000%, 7/01/48 Dima County Industrial Davidsonment Authority Arigona	7/20 at 102.00	BB-	319,228
1 425	Pima County Industrial Development Authority, Arizona, Education Facility Revenue Bonds, Edkey Charter Schools	7/20 at 102.00	DD	1 205 214
1,425	Project, Series 2014A, 7.375%, 7/01/49 Pima County Industrial Development Authority, Arizona,	7/20 at 102.00	BB-	1,385,214
	Education Facility Revenue Bonds, Edkey Charter Schools			
	Project, Series 2016:			
1,130	5.250%, 7/01/36	7/26 at 100.00	BB-	1,023,181
•	•	7/26 at 100.00 7/26 at 100.00	BB-	
1,850	5.375%, 7/01/46 5.500%, 7/01/51			1,634,234
2,135	5.500%, 7/01/51 Dimo County Industrial Davidsonment Authority Arigona	7/26 at 100.00	BB-	1,882,088
005	Pima County Industrial Development Authority, Arizona,	2/24 at 100.00	N/R	942 920
885	Education Facility Revenue Bonds, San Tan Montessori School	2/24 at 100.00	IN/K	843,830
	Project, Series 2016, 6.500%, 2/01/48			
2.050	Pima County Industrial Development Authority, Arizona,	2/29 at 100 00	NI/D	2 001 501
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			
105	Pima County Industrial Development Authority, Arizona,	7/20 of 102 00	DD	102 124
105	Education Revenue Bonds, Noah Webster Schools Pima Project, Series 2014A, 7.250%, 7/01/39		BB-	102,124
1,000	Pima County Industrial Development Authority, Arizona, Revenue Bonds, Tucson Electric Power Company, Series 2010A,	10/20 at 100.00	A-	1,063,640

	5.250%, 10/01/40 Salt Verde Financial Corporation, Arizona, Senior Gas Revenue Bonds, Citigroup Energy Inc. Prepay Contract Obligations, Series 2007:			
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
88,660 2	Series 2013A, 5.250%, 8/01/33 Total Arizona			97,524,495

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Rating (3)	^S 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:			
45	0.000%, 10/01/20 – AMBAC Insured	No Opt. Call	Baa2	42,426
2,120	0.000%, 10/01/20 – AMBAC Insured (ETM)	No Opt. Call	Aaa	2,045,058
< 10 F	Alhambra Unified School District, Los Angeles County,			4.406.760
6,135	California, General Obligation Bonds, Capital Appreciation	No Opt. Call	AA	4,196,769
	Series 2009B, 0.000%, 8/01/30 – AGC Insured			
12,550	Anaheim Public Financing Authority, California, Lease Revenue Bonds, Public Improvement Project, Series 1997C, 0.000%,	No Opt. Call	A2	6,380,420
12,330	9/01/35 – AGM Insured	No Opt. Can	AZ	0,360,420
	Antelope Valley Healthcare District, California, Revenue Bonds,			
4,100	Series 2016A, 5.000%, 3/01/41	3/26 at 100.00	Ba3	4,330,010
	Bay Area Toll Authority, California, Revenue Bonds, San			
5,000	Francisco Bay Area Toll Bridge, Series 2013S-4, 5.000%,	4/23 at 100.00	AA-	5,736,700
	4/01/38 (Pre-refunded 4/01/23)		(4)	
	California County Tobacco Securitization Agency, Tobacco			
	Settlement Asset-Backed Bonds, Los Angeles County			
	Securitization Corporation, Series 2006A:			
3,275	5.450%, 6/01/28	12/18 at 100.00		3,304,017
2,975	5.650%, 6/01/41	12/18 at 100.00	B2	2,992,850
13,465	California Educational Facilities Authority, Revenue Bonds,	No Opt. Call	AAA	17,611,277
,	Stanford University Series 2016U-7, 5.000%, 6/01/46 (UB) (5)	1		, ,
25.005	California Educational Facilities Authority, Revenue Bonds,	No Ont Coll	A A A	22 674 060
25,085	Stanford University, Refunding Series 2014U-6, 5.000%, 5/01/45 (UB) (5)	No Opt. Call	AAA	32,674,969
	California Educational Facilities Authority, Revenue Bonds,			
10,040	Stanford University, Series 2007T-1, 5.000%, 3/15/39 (UB) (5)	No Opt. Call	AAA	12,717,266
	California Health Facilities Financing Authority, Revenue			
10,000	Bonds, Lucile Salter Packard Children's Hospital, Series 2012A,	8/22 at 100.00	A+	10,905,800
.,	5.000%, 8/15/51			-,,
	California Health Facilities Financing Authority, Revenue			
1,600	Bonds, Saint Joseph Health System, Series 2013A, 5.000%,	7/23 at 100.00	AA-	1,772,912
	7/01/37			
	California Health Facilities Financing Authority, Revenue			
6,665	Bonds, Stanford Hospitals and Clinics, Series 2015A, 5.000%,	8/25 at 100.00	AA-	7,397,683
	8/15/54 (UB) (5)			
	California Health Facilities Financing Authority, Revenue			
	Bonds, Stanford Hospitals and Clinics, Tender Option Bond			
	Trust 2016-XG0049:			

1,555 1,650	8.452%, 8/15/51 (IF), 144A (5) 8.458%, 8/15/51 (IF), 144A (5)	8/22 at 100.00 8/22 at 100.00		1,851,445 1,964,837
4,075	8.458%, 8/15/51 (IF), 144A (5)	8/22 at 100.00	AA-	4,852,551
5,000 3	California Health Facilities Financing Authority, Revenue Bonds, Sutter Health, Series 2013A, 5.000%, 8/15/52	8/23 at 100.00	A+	5,444,600

	AMT-Free Municipal Credit Income Fund (continued) o of Investments July 31, 2018 ited)			
Principal Amount	Description (1)	Optional Call Provisions (2)	Rating (3)	^S Value
(000)	California (continued) California Municipal Finance Authority, Charter School Revenue Bonds, Palmdale Aerospace Academy Project, Series 2016A:			
\$ 3,065	5.000%, 7/01/31	7/26 at 100.00	BB	\$3,218,005
1,000	5.000%, 7/01/36, 144A	7/26 at 100.00	BB	1,037,660
555	5.000%, 7/01/41	7/26 at 100.00	BB	571,422
195	5.000%, 7/01/46	7/26 at 100.00	BB	200,117
	California Municipal Finance Authority, Education Revenue Bonds, American Heritage Foundation Project, Series 2016A:			
260	5.000%, 6/01/36	6/26 at 100.00	BBB-	283,338
435	5.000%, 6/01/46	6/26 at 100.00	BBB-	469,130
2,335	California Municipal Finance Authority, Revenue Bonds, Eisenhower Medical Center, Series 2010A, 5.750%, 7/01/40 (Pre-refunded 7/01/20)	7/20 at 100.00	Baa2 (4)	2,517,807
	California Pollution Control Financing Authority, Water			
4,440	Furnishing Revenue Bonds, San Diego County Water Authority Desalination Project Pipeline, Series 2012, 5.000%, 11/21/45	10/18 at 100.00	Baa3	4,493,990
2,050	California Public Finance Authority, Revenue Bonds, Henry Mayo Newhall Hospital, Series 2017, 5.000%, 10/15/47	10/26 at 100.00	BBB-	2,193,521
735	California School Finance Authority, Charter School Revenue Bonds, Downtown College Prep - Obligated Group, Series 2016, 5.000%, 6/01/46	6/26 at 100.00	N/R	752,647
715	California School Finance Authority, Charter School Revenue Bonds, Rocketship Education Obligated Group, Series 2016A, 5.000%, 6/01/36	6/25 at 100.00	N/R	745,173
570	California School Finance Authority, Charter School Revenue Bonds, Rocketship Education Obligated Group, Series 2017A, 5.125%, 6/01/47	6/26 at 100.00	N/R	595,553
80	California State, General Obligation Bonds, Series 2002, 5.000%, 10/01/32 – NPFG Insured	10/18 at 100.00	AA-	80,240
5	California State, General Obligation Bonds, Series 2004, 5.000%, 4/01/31 – AMBAC Insured	10/18 at 100.00	AA-	5,015
	California State, General Obligation Bonds, Various Purpose Series 2010:			
3,500	5.250%, 3/01/30	3/20 at 100.00	AA-	3,707,025
10,000	5.500%, 11/01/35	11/20 at 100.00	AA-	10,850,300
	California Statewide Communities Development Authority,			
12,710	California, Revenue Bonds, Loma Linda University Medical Center, Series 2014A, 5.500%, 12/01/54	12/24 at 100.00	BB-	13,751,457
60 60 7	California Statewide Communities Development Authority,	Z/ A Z		
62,605	California, Revenue Bonds, Loma Linda University Medical Center, Series 2016A, 5.250%, 12/01/56, 144A		BB-	67,252,169
4,000	California Statewide Communities Development Authority, Revenue Bonds, Huntington Memorial Hospital, Refunding	7/24 at 100.00	A-	4,095,160

7,000	Series 2014B, 4.000%, 7/01/39 California Statewide Communities Development Authority, Revenue Bonds, Sutter Health, Series 2011A, 6.000%, 8/15/42	8/20 at 100.00	Δ± (Δ)	7 630 770
7,000	(Pre-refunded 8/15/20)	0/20 at 100.00	ΛT (T)	7,030,770
	California Statewide Community Development Authority,			
	Revenue Bonds, Daughters of Charity Health System, Series			
	2005A:			
1,535	5.750%, 7/01/30	10/18 at 100.00	CCC	1,510,747
4,430	5.750%, 7/01/35	10/18 at 100.00	CCC	4,353,272
5,000	Clovis Unified School District, Fresno County, California, General Obligation Bonds, Series 2001A, 0.000%, 8/01/25 – NPFG Insured (ETM)	No Opt. Call	Baa2 (4)	4,245,950
4				

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
(000)	California (continued)			
	Coachella Valley Unified School District, Riverside County,			
\$ 3,400	California, General Obligation Bonds, Election 2005 Series	No Opt. Call	A2	\$1,985,226
	2010C, 0.000%, 8/01/33 – AGM Insured			
	Corona-Norco Unified School District, Riverside County,			
14,375	California, General Obligation Bonds, Capital Appreciation,	No Opt. Call	AA	6,007,744
	Election 2006 Refunding Series 2009C, 0.000%, 8/01/39 – AGI Insured	VI -		
	El Rancho Unified School District, Los Angeles County,			
	California, General Obligation Bonds, Election 2010 Series			
	2011A:			
2,615	0.000%, 8/01/31 - AGM Insured (6)	8/28 at 100.00	A1	2,548,265
3,600	0.000%, 8/01/34 – AGM Insured (6)	8/28 at 100.00	A1	3,506,220
	Foothill/Eastern Transportation Corridor Agency, California, Toll			
	Road Revenue Bonds, Refunding Senior Lien Series 2015A:			
3,960	0.000%, 1/15/34 – AGM Insured	No Opt. Call	BBB-	2,160,418
5,000	0.000%, 1/15/35 – AGM Insured	No Opt. Call	BBB-	2,585,100
	Foothill/Eastern Transportation Corridor Agency, California, Toll			
910	Road Revenue Bonds, Refunding Series 2013A: 0.000%, 1/15/42 (6)	1/31 at 100.00	RRR	820,001
3,610	5.750%, 1/15/46	1/24 at 100.00	BBB-	4,092,296
6,610	6.000%, 1/15/49	1/24 at 100.00		7,654,512
2,425	Revenue Bonds, Series 2005, 5.000%, 9/01/27 – AMBAC Insur	9/18 at 100.00 red	A	2,431,911
	Golden State Tobacco Securitization Corporation, California,			
8,565	Tobacco Settlement Asset-Backed Bonds, Series 2007A-1,	8/18 at 100.00	B3 (4)	8,597,204
	5.125%, 6/01/47 (Pre-refunded 8/30/18)			
	Golden State Tobacco Securitization Corporation, California,			
7.005	Tobacco Settlement Asset-Backed Bonds, Series 2018A-1:	(/22 -4 100 00	DDD	7 070 541
7,225 5,795	3.500%, 6/01/36 5.000%, 6/01/47	6/22 at 100.00 6/22 at 100.00		7,272,541 5,955,058
8,240	5.250%, 6/01/47	6/22 at 100.00		8,575,286
0,240	Kern Community College District, California, General Obligation	0/22 dt 100.00	11/10	0,575,200
	Bonds, Safety, Repair & Improvement, Election 2002 Series 2006:	:		
5,600	0.000%, 11/01/24 – AGM Insured	No Opt. Call	AA	4,809,728
5,795	0.000%, 11/01/25 – AGM Insured	No Opt. Call	AA	4,809,039
	Lincoln Public Financing Authority, Placer County, California,			
1,195	Twelve Bridges Limited Obligation Revenue Bonds, Refunding	9/21 at 100.00	AA	1,261,801
	Series 2011A, 4.375%, 9/02/25 — AGM Insured			
7.575	Mount San Antonio Community College District, Los Angeles	0/25 / 100 00		(010 010
7,575	County, California, General Obligation Bonds, Election of 2008,	8/35 at 100.00	AA	6,213,318
	Series 2013A, 0.000%, 8/01/43 (6) M-S-R Energy Authority, California, Gas Revenue Bonds,			
3,310	Citigroup Prepay Contracts, Series 2009B, 6.500%, 11/01/39	No Opt. Call	BBB+	4,683,551
	Oceanside Unified School District, San Diego County, California,			
	General Obligation Bonds, Capital Appreciation, 2008 Election			
	Series 2009A:			

5,905 2,220	0.000%, 8/01/26 - AGC Insured 0.000%, 8/01/28 - AGC Insured	No Opt. Call No Opt. Call		4,753,820 1,651,680
,	Ontario Redevelopment Financing Authority, San Bernardino	1		, ,
1,925	County, California, Revenue Bonds, Redevelopment Project 1, Series 1993, 5.850%, 8/01/22 – NPFG Insured (ETM)	8/18 at 100.00	N/R (4)	2,071,146
5				

NVGNuveen AMT-Free Municipal Credit Income Fund (continued) Portfolio of Investments July 31, 2018 (Unaudited)				
•	iteu)			
Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
()	California (continued)			
	Orange County, California, Special Tax Bonds, Community			
\$ 4,000	Facilities District 2015-1 Esencia Village, Series 2015A, 4.250%, 8/15/38	8/25 at 100.00	N/R	\$4,155,240
	Palomar Pomerado Health Care District, California, Certificates			
5,000	of Participation, Series 2010, 6.000%, 11/01/30 (Pre-refunded 11/01/20)	11/20 at 100.00	Ba1 (4)	5,499,900
	Palomar Pomerado Health, California, General Obligation Bonds,			
3,700	Capital Appreciation, Election of 2004, Series 2007A, 0.000%, 8/01/25 - NPFG Insured	No Opt. Call	BB+	2,997,888
7,875	Palomar Pomerado Health, California, General Obligation Bonds, Series 2009A, 0.000%, 8/01/38 – AGC Insured (6)	8/29 at 100.00	BB+	9,728,618
9,145	Pittsburg Redevelopment Agency, California, Tax Allocation Bonds, Los Medanos Community Development Project, Series	No Opt. Call	A	5,974,520
	1999, 0.000%, 8/01/30 – AMBAC Insured			
4.150	Placentia-Yorba Linda Unified School District, Orange County,	10/07 + 100 00	4.0	4 702 020
4,150	California, Certificates of Participation, Refunding Series 2011,	10/25 at 100.00	A2	4,703,029
	6.250%, 10/01/28 – AGM Insured			
670	Riverside County Transportation Commission, California, Toll	6/23 at 100.00	BBB-	739,559
	Revenue Senior Lien Bonds, Series 2013A, 5.750%, 6/01/48			,
	San Clemente, California, Special Tax Revenue Bonds,			
	Community Facilities District 2006-1 Marblehead Coastal, Series			
100	2015:			722 0.46
490	5.000%, 9/01/40	9/25 at 100.00		532,846
915	5.000%, 9/01/46	9/25 at 100.00	N/R	992,034
	San Diego Public Facilities Financing Authority, California,			
1,830	Water Utility Revenue Bonds, Tender Option Bond Trust	8/19 at 100.00	AA- (4)	2,134,274
,	2015-XF0098, 17.393%, 8/01/39 (Pre-refunded 8/01/19), 144A		()	, ,
	(IF)			
4.000	San Francisco Airports Commission, California, Revenue Bonds,	7/00 100 00		4.20.7.0.00
4,000	San Francisco International Airport, Governmental Purpose,	5/23 at 100.00	A+	4,395,960
	Second Series 2013B, 5.000%, 5/01/43			
66.60.	San Joaquin Hills Transportation Corridor Agency, Orange			
66,685	County, California, Senior Lien Toll Road Revenue Bonds, Series	No Opt. Call	AA+ (4)	64,091,620
	1993, 0.000%, 1/01/21 (ETM)			
	San Joaquin Hills Transportation Corridor Agency, Orange			
	County, California, Toll Road Revenue Bonds, Refunding Senior			
2 (00	Lien Series 2014A:	1/05 + 100 00	DDD	2.021.656
2,680	5.000%, 1/15/44	1/25 at 100.00	BBB	2,921,656
8,275	5.000%, 1/15/50	1/25 at 100.00	BBB	8,991,201
7.210	San Joaquin Hills Transportation Corridor Agency, Orange	No Oct. C 11	Da-2	6 205 550
7,210	County, California, Toll Road Revenue Bonds, Refunding Series	No Opt. Call	Baa2	6,395,558
2 250	1997A, 0.000%, 1/15/23 – NPFG Insured	No Opt Coll	A A A	2 270 000
3,250		No Opt. Call	AAA	2,278,900

	San Mateo County Community College District, California, General Obligation Bonds, Series 2006C, 0.000%, 9/01/30 – NI Insured	PFG		
	San Ysidro School District, San Diego County, California,			
4,325	General Obligation Bonds, 1997 Election Series 2012G, 0.000%,	No Opt. Call	AA	2,349,902
	8/01/34 – AGM Insured			
	San Ysidro School District, San Diego County, California,			
5,690	General Obligation Bonds, Refunding Series 2015, 0.000%,	No Opt. Call	A1	1,801,795
	8/01/42			
	Santa Ana Financing Authority, California, Lease Revenue			
	Bonds, Police Administration and Housing Facility, Series			
	1994A:			
5,625	6.250%, 7/01/24	No Opt. Call	Baa2	6,460,313
5,625	6.250%, 7/01/24 (ETM)	No Opt. Call	Baa2 (4)6,564,150
	Saugus Union School District, Los Angeles County, California,	-		
3,500	General Obligation Bonds, Series 2006, 0.000%, 8/01/23 - FGI	(CNo Opt. Call	A+	3,123,575
	Insured	-		
6				

Principal	Description (1)	Optional Call	Ratings	X7 - 1-
Amount (000)	Description (1)	Provisions (2)	(3)	Value
	California (continued)			
\$ 4,495	Stockton-East Water District, California, Certificates of Participation, Refunding Series 2002B, 0.000%, 4/01/28 - FGIO	C10/18 at 100.00	BBB-	\$2,516,975
	Insured			
	Temecula Public Financing Authority, California, Special Tax			
610	Bonds, Community Facilities District 16-01, Series 2017, 6.250%, 9/01/47, 144A	9/27 at 100.00	N/R	619,242
	Tobacco Securitization Authority of Northern California, Tobacco			
	Settlement Asset-Backed Bonds, Series 2005A-1:			
1,015	4.750%, 6/01/23	10/18 at 100.00		1,020,471
1,600	5.500%, 6/01/45	10/18 at 100.00)B-	1,608,624
	Tobacco Securitization Authority of Southern California, Tobacco			
	Settlement Asset-Backed Bonds, San Diego County Tobacco			
790	Asset Securitization Corporation, Senior Series 2006A:	10/18 at 100.00	DDD :	704 259
5,865	4.750%, 6/01/25 5.125%, 6/01/46	10/18 at 100.00		794,258 5,896,612
521,425	Total California	10/16 at 100.00) D2	514,516,643
321,723	Colorado – 9.9% (6.2% of Total Investments)			314,310,043
	Base Village Metropolitan District 2, Colorado, General			
	Obligation Bonds, Refunding Series 2016A:			
890	5.500%, 12/01/36	12/21 at 103.00	N/R	891,335
1,175	5.750%, 12/01/46	12/21 at 103.00		1,182,943
	Belleview Station Metropolitan District 2, Denver City and			
1 100	County, Colorado, General Obligation Bonds, Limited Tax	12/21 at 103.00	NI/D	1,129,942
1,100	Convertible to Unlimited Tax Refunding & Improvement Series 2017, 5.000%, 12/01/36	12/21 at 103.00	JN/K	1,129,942
	Brighton Crossing Metropolitan District 4, Colorado, General			
700	Obligation Bonds, Limited Tax Convertible to Unlimited Tax, Series 2017A, 5.000%, 12/01/47	12/22 at 103.00	N/R	717,213
	Canyons Metropolitan District 5, Douglas County, Colorado,			
3,410	Limited Tax General Obligation and Special Revenue Bonds,	12/22 at 103.00) N/R	3,483,247
	Refunding & Improvement Series 2017A, 6.125%, 12/01/47			
	Canyons Metropolitan District 6, Douglas County, Colorado,			
1,690	Limited Tax General Obligation and Special Revenue Bonds,	12/22 at 103.00) N/R	1,691,301
	Refunding & Improvement Series 2017A, 6.125%, 12/01/47			
	Centerra Metropolitan District 1, Loveland, Colorado, Special			
	Revenue Bonds, Refunding & Improvement Series 2017:			
1,140	5.000%, 12/01/37	12/22 at 103.00		1,172,319
5,465	5.000%, 12/01/47	12/22 at 103.00) N/R	5,572,059
195	Central Platte Valley Metropolitan District, Colorado, General Obligation Bonds, Refunding Series 2014, 5.000%, 12/01/43	12/23 at 100.00	BB	206,959
1 200	Clear Creek Station Metropolitan District 2, Adams County,	12/22 at 102 00	N/D	1 217 560
1,200	Colorado, Limited Tax General Obligation Refunding &	12/22 at 103.00) 1 N/K	1,217,568
	Improvement Series 2017A, 5.000%, 12/01/47 Colorado Educational and Cultural Facilities Authority, Charter			
930	School Revenue Bonds, Flagstaff Academy Project, Refunding	8/26 at 100.00	A+	888,187
750	Series 2016, 3.625%, 8/01/46	5/20 at 100.00	4 3 1	555,107
	501105 2510, 51025 10, 51011 10			

1,165	Colorado Educational and Cultural Facilities Authority, Charter School Revenue Bonds, The Classical Academy Project, Refunding Series 2015A, 5.000%, 12/01/38	12/24 at 100.00 A+	1,264,782
4,200 7	Colorado Educational and Cultural Facilities Authority, Charter School Revenue Bonds, Vanguard School Project, Refunding & Improvement Series 2016, 3.750%, 6/15/47	6/26 at 100.00 A+	4,021,038

Portfol	n AMT-Free Municipal Credit Income Fund (continued) io of Investments July 31, 2018			
(Unauc	med)			
Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
,	Colorado (continued)			
	Colorado Educational and Cultural Facilities Authority, Charter			
\$ 1,750	School Revenue Bonds, Weld County School District 6 - Frontier Academy, Refunding & Improvement Series 2016, 3.250%, 6/01/46	6/26 at 100.00	A+	\$1,544,235
	Colorado Health Facilities Authority, Colorado, Health Facilities			
	Revenue Bonds, The Evangelical Lutheran Good Samaritan			
	Society Project, Refunding Series 2017:			
2,460	5.000%, 6/01/42	6/27 at 100.00		2,710,600
23,470	5.000%, 6/01/47	6/27 at 100.00	BBB	25,638,393
10	Colorado Health Facilities Authority, Colorado, Hospital Revenue Bonds, Parkview Medical Center, Series 2016, 3.125%, 9/01/42	9/26 at 100.00	A3	8,811
	Colorado Health Facilities Authority, Colorado, Revenue Bonds,			
1.500	Catholic Health Initiatives, Series 2006A:	10/10 + 100 00	DDD	1.515.075
1,500	5.000%, 9/01/36	10/18 at 100.00		1,515,975
3,680	4.500%, 9/01/38	10/18 at 100.00	RRR+	3,684,416
3,000	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Catholic Health Initiatives, Series 2011A, 5.000%, 2/01/41	2/21 at 100.00	BBB+	3,101,640
11.500	Colorado Health Facilities Authority, Colorado, Revenue Bonds,	1/02 - 100 00	DDD	10 010 106
11,520	Catholic Health Initiatives, Series 2013A, 5.250%, 1/01/45	1/23 at 100.00	BBB+	12,318,106
	Colorado Health Facilities Authority, Colorado, Revenue Bonds,			
	Covenant Retirement Communities Inc., Refunding Series 2012B:			
1,640	5.000%, 12/01/22		BBB+	1,817,186
2,895	5.000%, 12/01/23	12/22 at 100.00		3,197,730
4,200	5.000%, 12/01/24	12/22 at 100.00	BBB+	4,622,856
	Colorado Health Facilities Authority, Colorado, Revenue Bonds,			
	Evangelical Lutheran Good Samaritan Society Project, Series			
	2013:			
765	5.500%, 6/01/33		BBB	845,662
720	5.625%, 6/01/43	6/23 at 100.00	BBB	791,784
	Colorado Health Facilities Authority, Colorado, Revenue Bonds,			
	Evangelical Lutheran Good Samaritan Society Project, Series			
1 410	2013A:	6/ 0 = 100.00	DDD	1.544.610
1,410	5.000%, 6/01/32		BBB	1,544,613
2,000	5.000%, 6/01/33		BBB	2,185,860
5,855	5.000%, 6/01/40		BBB	6,339,794
6,820	5.000%, 6/01/45	6/25 at 100.00	BBB	7,333,410
2,035	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Frasier Meadows Project, Refunding & Improvement Series	5/27 at 100.00	DD ı	2,210,763
2,033	2017A, 5.250%, 5/15/47	3/2/ at 100.00	DD+	2,210,703
1 000	Colorado Health Facilities Authority, Colorado, Revenue Bonds,	0/10 / 102 00	A 2 (4)	1.000.100
1,000	Poudre Valley Health System, Series 2005C, 5.250%, 3/01/40 (Pre-refunded 9/01/18) – AGM Insured	9/18 at 102.00	Aa3 (4)	1,023,180
11,830		1/20 at 100.00	AA-	12,288,412

• • • • • • • • • • • • • • • • • • • •		
es 2010A, 5.000%, 1/01/40		
orado International Center Metropolitan District 14, Denver,		
orado, Limited Tax General Obligation Bonds, Refunding &	12/23 at 103.00 N/R	4,349,822
rovement Series 2018, 5.875%, 12/01/46		
perleaf Metropolitan District 2, Arapahoe County, Colorado,		
eral Obligation Bonds, Refunding Limited Tax Convertible to	12/20 at 103.00 N/R	524,465
imited Tax Series 2015, 5.750%, 12/01/45		
1	orado Health Facilities Authority, Colorado, Revenue Bonds, ters of Charity of Leavenworth Health Services Corporation, ies 2010A, 5.000%, 1/01/40 orado International Center Metropolitan District 14, Denver, orado, Limited Tax General Obligation Bonds, Refunding & provement Series 2018, 5.875%, 12/01/46 operleaf Metropolitan District 2, Arapahoe County, Colorado, neral Obligation Bonds, Refunding Limited Tax Convertible to limited Tax Series 2015, 5.750%, 12/01/45	ters of Charity of Leavenworth Health Services Corporation, ies 2010A, 5.000%, 1/01/40 orado International Center Metropolitan District 14, Denver, orado, Limited Tax General Obligation Bonds, Refunding & 12/23 at 103.00 N/R provement Series 2018, 5.875%, 12/01/46 operleaf Metropolitan District 2, Arapahoe County, Colorado, neral Obligation Bonds, Refunding Limited Tax Convertible to 12/20 at 103.00 N/R

Principal		Ontional Call	Datings	
Amount	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
(000)		Tiovisions (2)	(3)	
	Colorado (continued)			
\$ 500	Copperleaf Metropolitan District 2, Colorado, General Obligation	12/20 at 103.00	N/R	\$524,570
Ψ 2 0 0	Limited Tax Bonds, Series 2006, 5.250%, 12/01/30	12/20 00 100100	1 1/12	Ψ υ Ξ :,υ / υ
1 400	Cornerstar Metropolitan District, Arapahoe County, Colorado,	10/00 + 100 00	NI/D	1 501 741
1,480	General Obligation Bonds, Limited Tax Convertible to Unlimited	12/22 at 103.00	N/R	1,531,741
	Tax, Refunding Series 2017A, 5.250%, 12/01/47			
1,275	Cornerstar Metropolitan District, Arapahoe County, Colorado, General Obligation Bonds, Limited Tax Convertible to Unlimited	12/22 of 103 00	NI/D	1,315,583
1,273	Tax, Refunding Series 2017B, 5.250%, 12/01/47	12/22 at 103.00	11/1	1,313,363
	Crystal Crossing Metropolitan District, Colorado, General			
500	Obligation Limited Tax Bonds, Refunding Series 2016, 5.250%,	12/25 at 100.00	N/R	505,720
300	12/01/40	12/25 at 100.00	11/10	303,720
	Denver City and County, Colorado, Airport System Revenue			
10,640	Bonds, Subordinate Lien Series 2013B, 5.000%, 11/15/43	11/23 at 100.00	A	11,820,934
	Denver Connection West Metropolitan District, City and County			
505	of Denver, Colorado, Limited Tax General Obligation Bonds,	12/22 at 103.00	N/R	506,626
	Convertible to Unlimited Tax Series 2017A, 5.375%, 8/01/47			
11,700	E-470 Public Highway Authority, Colorado, Senior Revenue	No Opt. Call	BBB+	4,765,059
11,700	Bonds, Capital Appreciation Series 2010A, 0.000%, 9/01/41	No Opt. Can	топот	4,703,039
	E-470 Public Highway Authority, Colorado, Senior Revenue			
	Bonds, Series 1997B:			
35,995	0.000%, 9/01/23 – NPFG Insured	No Opt. Call	BBB+	31,774,226
6,525	0.000%, 9/01/26 – NPFG Insured	No Opt. Call	BBB+	5,097,004
	E-470 Public Highway Authority, Colorado, Senior Revenue			
17.020	Bonds, Series 2000B:	N - O - 4 C - 11	DDD.	12.010.270
17,030 9,915	0.000%, 9/01/25 — NPFG Insured	No Opt. Call	BBB+	13,918,278
43,090	0.000%, 9/01/32 - NPFG Insured 0.000%, 9/01/33 - NPFG Insured	No Opt. Call No Opt. Call	BBB+ BBB+	5,933,334 24,642,740
43,090	E-470 Public Highway Authority, Colorado, Toll Revenue Bonds,	No Opt. Can	DDD+	24,042,740
	Series 2004A:			
20,000	0.000%, 9/01/27 – NPFG Insured	No Opt. Call	BBB+	14,911,000
1,150	0.000%, 9/01/28 - NPFG Insured	No Opt. Call	BBB+	818,651
7,000	0.000%, 9/01/34 - NPFG Insured	No Opt. Call	A	3,839,430
,	Erie Highlands Metropolitan District No. 1 (In the Town of Erie),	1		, ,
500	Weld County, Colorado, General Obligation Limited Tax Bonds,	12/20 at 103.00	N/R	508,435
	Series 2015A, 5.750%, 12/01/45			
	Flatiron Meadows Metropolitan District, Boulder County,			
500	Colorado, General Obligation Limited Tax Bonds, Series 2016,	12/21 at 103.00	N/R	492,250
	5.125%, 12/01/46			
590	Foothills Metropolitan District, Fort Collins, Colorado, Special	12/24 at 100.00	N/R	604,903
570	Revenue Bonds, Series 2014, 6.000%, 12/01/38	12/27 at 100.00	1 1/ 1	507,703
	Forest Trace Metropolitan District 3, Aurora City, Arapahoe			
825	County, Colorado, General Obligation Bonds, Limited Tax	12/21 at 103.00	N/R	809,012
	Convertible to Unlimited Tax, Series 2016A, 5.000%, 12/01/46			
1.055	Great Western Park Metropolitan District 2, Broomfield City and	10/01 100 00	N. (P.	1 2 6 2 2 4 2
1,355	County, Colorado, General Obligation Bonds, Series 2016A,	12/21 at 100.00	N/R	1,362,940
	5.000%, 12/01/46			

	Green Gables Metropolitan District No. 1, Jefferson County,		
750	Colorado, General Obligation Bonds, Series 2016A, 5.300%,	12/21 at 103.00 N/R	756,360
	12/01/46		
	Harmony Technology Park Metropolitan District 2, Fort Collins,		
700	Colorado, General Obligaiton Bonds, Limited Tax Convertible to	12/22 at 103.00 N/R	699,944
	Unlimited Tax Series 2017, 5.000%, 9/01/47		
	Jefferson Center Metropolitan District 1, Arvada, Jefferson		
3,740	County, Colorado, Revenue Bonds, Refunding Series 2015,	12/20 at 103.00 N/R	3,708,360
	5.500%, 12/01/45		
9			

	n AMT-Free Municipal Credit Income Fund (continued) lio of Investments July 31, 2018		
•	anca)		
Principal Amount (000)	Description (1)	Optional Call Ratings Provisions (2) (3)	Value
	Colorado (continued)		
	Johnstown Plaza Metropolitan District, Colorado, Special Revenue		
	Bonds, Series 2016A:		
\$ 2,325	5.250%, 12/01/36	12/21 at 103.00 N/R	\$2,245,206
8,955	5.375%, 12/01/46	12/21 at 103.00 N/R	8,608,262
	Lambertson Farms Metropolitan District 1, Colorado, Revenue		
	Bonds, Refunding & Improvement Series 2015:		
1,005	5.750%, 12/15/46	12/23 at 100.00 N/R	1,012,759
5,355	6.000%, 12/15/50	12/23 at 100.00 N/R	5,396,019
	Leyden Rock Metropolitan District No. 10, In the City of Arvada,		
980	Colorado, Limited Tax General Obligation Bonds, Refunding and	12/21 at 103.00 N/R	1,006,676
	Improvement Series 20016A, 5.000%, 12/01/45		
	Littleton Village Metropolitan District No. 2, Colorado, Limited		
500	Tax General Obligation and Special Revenue Bonds, Series 2015,	12/20 at 103.00 N/R	502,605
	5.375%, 12/01/45		
	Mountain Shadows Metropolitan District, Colorado, General		
860	Obligation Limited Tax Bonds, Refunding Series 2016, 5.000%,	12/25 at 100.00 N/R	885,465
	12/01/35		
5,155	North Range Metropolitan District 1, Adams County, Colorado,	12/25 at 100.00 Baa1	4,918,643
0,100	General Obligation Bonds, Series 2016B, 3.500%, 12/01/45		.,,, 10,0 .0
	North Range Metropolitan District No. 2, In the City of Commerce	;	
	City, Adams County, Colorado, Limited Tax General Obligation		
	and Special Revenue and Improvement Bonds, Refunding Series		
1 000	2017A:	10/00 / 102 00 N/D	1 000 570
1,000	5.625%, 12/01/37	12/22 at 103.00 N/R	1,008,570
1,000	5.750%, 12/01/47	12/22 at 103.00 N/R	1,008,830
505	Overlook Metropolitan District in the Town of Parker, Douglas	10/01 -4 102 00 N/D	567 001
585	County, Colorado, General Obligation Limited Tax Bonds, Series	12/21 at 103.00 N/R	567,801
	2016A, 5.500%, 12/01/46 Peak 70 Matrian District City of Aurora Coloredo Concrel		
	Park 70 Metropolitan District, City of Aurora, Colorado, General		
660	Obligation Refunding and Improvement Bonds, Series 2016:	12/26 at 100 00 Dag2	605 905
660	5.000%, 12/01/36 5.000%, 12/01/46	12/26 at 100.00 Baa3 12/26 at 100.00 Baa3	695,805
1,060	Park Creek Metropolitan District, Colorado, Senior Limited	12/20 at 100.00 baas	1,111,431
660	Property Tax Supported Revenue Bonds, Refunding Series 2015A,	12/25 at 100 00 A	735,227
000	5.000%, 12/01/45	12/23 at 100.00 A	133,221
	Park Creek Metropolitan District, Colorado, Senior Limited		
880	Property Tax Supported Revenue Refunding Bonds, Series 2011,	12/20 at 100.00 A2 (4)	968,158
880	6.125%, 12/01/41 (Pre-refunded 12/01/20) – AGM Insured	12/20 at 100.00 A2 (4)	700,130
	Poudre Tech Metro District, Colorado, Unlimited Property Tax		
5,435	Supported Revenue Bonds, Refunding & Improvement Series	12/20 at 100.00 AA	5,667,727
5,755	2010A, 5.000%, 12/01/39 – AGM Insured	12/20 at 100.00 AA	5,007,727
2,760	Prairie Center Metopolitan District No. 3, In the City of Brighton,	12/26 at 100.00 N/R	2,828,117
_,, 50	Adams County, Colorado, Limited Property Tax Supported	12,20 at 100.001VI	2,020,117
	Training County, Colorado, Ellinica Froperty Tun Supported		

	Primary Improvements Revenue Bonds, Refunding Series 2017A, 5.000%, 12/15/41 Reata South Metropolitan District, Douglas County, Colorado, Limited Tax General Obligation Bonds, Refunding Series 2018:		
1,310	5.375%, 12/01/37	12/23 at 103.00 N/R	1,326,126
2,765	5.500%, 12/01/47	12/23 at 103.00 N/R	2,803,489
1,180	Regional Transportation District, Colorado, Certificates of Participation, Series 2010A, 5.375%, 6/01/31	6/20 at 100.00 A	1,249,880
10			

Principal		0.4. 10.1	D. C	
Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Colorado (continued)			
	Regional Transportation District, Colorado, Denver Transit			
\$ 6,500	Partners Eagle P3 Project Private Activity Bonds, Series 2010: 6.500%, 1/15/30	7/20 at 100.00	Baa3	\$6,911,710
3,750	6.000%, 1/15/30 6.000%, 1/15/41	7/20 at 100.00 7/20 at 100.00	Baa3	3,926,100
3,730	Sierra Ridge Metropolitan District 2, Douglas County, Colorado,	7720 at 100.00	Daas	3,720,100
1,280	General Obligation Bonds, Limited Tax Series 2016A, 5.500%, 12/01/46	12/21 at 103.00	N/R	1,311,475
020	SouthGlenn Metropolitan District, Colorado, Special Revenue	12/21 102 00	NI/D	046 070
930	Bonds, Refunding Series 2016, 5.000%, 12/01/46	12/21 at 103.00	N/K	946,070
	St. Vrain Lakes Metropolitan District No. 2, Weld County,			
1,000	Colorado, Limited Tax General Obligation Bonds, Series 2017A, 5.000%, 12/01/37	12/22 at 103.00	N/R	997,470
	Sterling Ranch Community Authority Board, Douglas County,			
	Colorado, Limited Tax Supported Revenue Bonds, Senior Series			
5 00	2015A:	10/00 - 100 00	N. (D)	510 475
500	5.500%, 12/01/35	12/20 at 103.00		512,475
1,000	5.750%, 12/01/45	12/20 at 103.00	N/K	1,028,520
500	Table Mountain Metropolitan District, Jefferson County, Colorado, Limited Tax General Obligation Bonds, Series	12/21 at 103.00	NI/D	521,265
300	2016A, 5.250%, 12/01/45	12/21 at 105.00	IV/K	321,203
	University of Colorado Hospital Authority, Colorado, Revenue			
8,500	Bonds, Series 2012A, 5.000%, 11/15/42	11/22 at 100.00	AA-	9,340,140
361,080	Total Colorado			323,925,727
,	Connecticut – 0.5% (0.3% of Total Investments)			, ,
	Connecticut Health and Educational Facilities Authority,			
	Revenue Bonds, Healthcare Facility Expansion Church Home of			
	Hartford Inc. Project, Series 2016A:			
590	5.000%, 9/01/46	9/26 at 100.00	BB	615,464
740	5.000%, 9/01/53	9/26 at 100.00	BB	768,364
10.105	Connecticut Health and Educational Facilities Authority,	7/05 + 100 00		10 202 202
10,105	Revenue Bonds, Quinnipiac University, Refunding Series 2015L, 4.125%, 7/01/41	7/25 at 100.00	A-	10,383,292
2.250	Connecticut Health and Educational Facilities Authority,	7/20 + 100 00	A 2 (4)	2.456.140
3,250	Revenue Bonds, Wesleyan University, Series 2010G, 5.000%,	7/20 at 100.00	Aa3 (4)	3,456,148
14 695	7/01/39 (Pre-refunded 7/01/20) Total Connecticut			15 222 268
14,685	Delaware – 0.2% (0.1% of Total Investments)			15,223,268
	Delaware Economic Development Authority, Exempt Facility			
2,615	Revenue Bonds, Indian River Power LLC Project, Series 2010,	10/20 at 100.00	Baa3	2,727,314
2,013	5.375%, 10/01/45	10/20 at 100.00	Daus	2,727,311
	Kent County, Delaware, Student Housing & Dining Facility			
	Revenue Bonds, Collegiate Housing Foundation - Dover LLC			
	Delaware State University Project, Series 2018A:			
1,100	5.000%, 7/01/53	1/28 at 100.00	BBB-	1,176,637
1,000	5.000%, 7/01/58	1/28 at 100.00	BBB-	1,061,640
4,715	Total Delaware			4,965,591

	District of Columbia - 1.4% (0.9% of Total Investments) District of Columbia Student Dormitory Revenue Bonds,			
3,780	Provident Group - Howard Properties LLC Issue, Series 2013,	10/22 at 100.00	BB+	3,782,570
	5.000%, 10/01/45			
6,205	District of Columbia Tobacco Settlement Corporation, Tobacco Settlement Asset-Backed Bonds, Series 2001, 6.500%, 5/15/33	No Opt. Call	Baa1	7,022,571
11				

	AMT-Free Municipal Credit Income Fund (continued) of Investments July 31, 2018			
Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
rimount (000)	District of Columbia (continued)	110 (1510115 (2)	(3)	
\$ 186,000	District of Columbia Tobacco Settlement Corporation, Tobacco Settlement Asset-Backed Bonds, Series 2006A, 0.000%, 6/15/46	9/18 at 100.00	N/R	\$32,890,380
1,500	District of Columbia, Revenue Bonds, Ingleside at Rock Creek Project, Series 2017A, 5.000%, 7/01/42	7/24 at 103.00	N/R	1,578,150
197,485	Total District of Columbia			45,273,671
000	Florida – 6.5% (4.1% of Total Investments) Bexley Community Development District, Pasco County, Florida Special Accessment Program Panda Spring 2016	5/26 at 100 00	NI/D	1 000 700
990	Florida, Special Assessment Revenue Bonds, Series 2016, 4.700%, 5/01/36	5/26 at 100.00	N/R	1,008,790
19,000	Cape Coral, Florida, Water and Sewer Revenue Bonds, Refunding Series 2011, 5.000%, 10/01/41 (Pre-refunded	10/21 at 100.00	A (4)	20,873,590
19,000	10/01/21) – AGM Insured	10/21 at 100.00	A (4)	20,673,390
	Capital Trust Agency, Florida, Revenue Bonds, Babcock			
1,290	Neighborhood School Inc, Series 2018: 6.100%, 8/15/38	8/28 at 100.00	N/R	1,299,585
1,045	6.200%, 8/15/48	8/28 at 100.00	N/R	1,051,949
,	Capital Trust Agency, Florida, Revenue Bonds, Odyssey Charter School Project, Series 2017A:			, ,
1,065	5.375%, 7/01/37	7/27 at 100.00	BB	1,070,559
1,470	5.500%, 7/01/47	7/27 at 100.00	BB	1,475,057
	Capital Trust Agency, Florida, Revenue Bonds, Renaissance Charter School Project, Series 2017A:			
6,050	5.125%, 6/15/37	6/27 at 100.00	N/R	5,812,719
1,890	5.250%, 6/15/47	6/27 at 100.00	N/R	1,796,634
880	Capital Trust Agency, Florida, Revenue Bonds, Viera Charter School Project, Series 2017A, 5.000%, 10/15/37	10/27 at 100.00	Ba2	892,241
4,670	City of Miami Beach, Florida, Stormwater Revenue Bonds, Series 2015, 5.000%, 9/01/41	9/25 at 100.00	AA-	5,214,382
1.025	Cityplace Community Development District, Florida, Special	No Ont Call	A	1 140 794
1,025	Assessement and Revenue Bonds, Refunding Series 2012, 5.000%, 5/01/26	No Opt. Call	A	1,140,784
1 400	Collier County Educational Facilities Authority, Florida,	11/22 - 100 00	DDD	1 (21 100
1,480	Revenue Bonds, Hodges University, Refunding Series 2013, 6.125%, 11/01/43	11/23 at 100.00	BBB-	1,631,108
	Creekside at Twin Creeks Community Development District, Florida, Special Assessment Bonds, Area 1 Project, Series 2016A-1:			
245	5.250%, 11/01/37	11/28 at 100.00	N/R	252,820
320	5.600%, 11/01/46	11/28 at 100.00	N/R	334,256
295	Creekside at Twin Creeks Community Development District, Florida, Special Assessment Bonds, Area 1 Project, Series	No Opt. Call	N/R	310,517
	2016A-2, 5.625%, 11/01/35			

	Davie, Florida, Educational Facilities Revenue Bonds, Nova Southeastern University Project, Refunding Series 2013A:			
3,445	6.000%, 4/01/42	4/23 at 100.00	Baa1	3,893,126
1,720	5.625%, 4/01/43	4/23 at 100.00	Baa1	1,906,379
	Davie, Florida, Educational Facilities Revenue Bonds, Nova			
5,000	Southeastern University Project, Refunding Series 2018,	4/28 at 100.00	Baa1	5,536,700
	5.000%, 4/01/48			
4,000	Davie, Florida, Water and Sewerage Revenue Bonds, Series	10/21 at 100.00	A a 3	4,328,880
4,000	2011, 5.000%, 10/01/41 – AGM Insured	10/21 at 100.00	1143	4,520,000
12				

Dringing!				
Principal Amount	Description (1)	Optional Call	Ratings	Value
(000)	(-)	Provisions (2)	(3)	
	Florida (continued)			
	Downtown Doral Community Development District, Florida,			
	Special Assessment Bonds, Series 2015:			
\$ 280	5.250%, 5/01/35	5/26 at 100.00	N/R	\$285,690
315	5.300%, 5/01/36	5/26 at 100.00	N/R	321,388
475	5.500%, 5/01/45	5/26 at 100.00	N/R	480,030
655	5.500%, 5/01/46	5/26 at 100.00	N/R	661,524
	Florida Development Finance Corporation, Educational Facilities			
	Revenue Bonds, Classical Preparatory Incorporated Project, Series 2017A:			
255	6.000%, 6/15/37	6/26 at 100.00	N/R	264,851
665	6.125%, 6/15/46	6/26 at 100.00	N/R	690,682
	Florida Development Finance Corporation, Educational Facilities			
415	Revenue Bonds, Classical Preparatory Incorporated Project, Series 2018A, 6.000%, 6/15/37	6/26 at 100.00	N/R	412,647
	Florida Development Finance Corporation, Educational Facilities			
	Revenue Bonds, Downtown Doral Charter Upper School Project,			
	Series 2017C:			
2,375	5.650%, 7/01/37	7/27 at 101.00	N/R	2,342,320
3,735	5.750%, 7/01/47, 144A		N/R	3,662,578
- ,	Florida Development Finance Corporation, Educational Facilities			-,,
	Revenue Bonds, Florida Charter Foundation Inc. Projects, Series			
	2016A:			
1,485	6.250%, 6/15/36	6/26 at 100.00	N/R	1,531,347
2,075	4.750%, 7/15/36	7/26 at 100.00	N/R	2,025,968
3,770	6.375%, 6/15/46	6/26 at 100.00	N/R	3,881,102
1,335	5.000%, 7/15/46, 144A	7/26 at 100.00	N/R	1,317,151
	Florida Development Finance Corporation, Educational Facilities			
	Revenue Bonds, Renaissance Charter School Income Projects,			
	Series 2015A:			
3,090	6.000%, 6/15/35, 144A	6/25 at 100.00	N/R	3,256,644
2,015	6.125%, 6/15/46	6/25 at 100.00	N/R	2,095,419
	Florida Development Finance Corporation, Educational Facilities			
550	Revenue Bonds, Renaissance Charter School, Inc. Projects, Series	6/24 at 100.00	N/R	572,523
	2014A, 6.125%, 6/15/44			
	Florida Development Finance Corporation, Educational Facilities			
4,430	Revenue Bonds, Southwest Charter Foundation Inc Projects, Series	6/27 at 100.00	N/R	4,408,780
•	2017A, 6.125%, 6/15/47			, ,
100	Florida Municipal Loan Council, Revenue Bonds, Series 2003B,	10/18 at 100.00	Roo?	100,339
100	5.250%, 12/01/18	10/18 at 100.00	Daaz	100,339
	Grand Bay at Doral Community Development District,			
1,435	Miami-Dade County, Florida, Special Assessment Bonds, South	5/26 at 100.00	N/R	1,446,006
	Parcel Assessment Area Project, Series 2016, 4.750%, 5/01/36			
	Hillsborough County Industrial Development Authority, Florida,			
560	Industrial Development Revenue Bonds, University Community	No Opt. Call	Aaa	573,899
	Hospital, Series 1994, 6.500%, 8/15/19 - NPFG Insured (ETM)	_		

	Indian Trace Development District, Florida, Water Management Special Benefit Assessment Bonds, Series 2005:		
1,645	5.000%, 5/01/25 — NPFG Insured	10/18 at 100.00 Baa2	1,651,777
1,830	5.000%, 5/01/27 – NPFG Insured	10/18 at 100.00 Baa2	1,835,929
600	Jacksonville, Florida, Better Jacksonville Sales Tax Revenue Bonds, Refunding Series 2012, 5.000%, 10/01/30	10/22 at 100.00 A+	659,448
13			

Portfoli	AMT-Free Municipal Credit Income Fund (continued) o of Investments July 31, 2018			
(Unaud	ited)			
Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
()	Florida (continued)			
	Jacksonville, Florida, Educational Facilities Revenue Bonds,			
\$ 2,215	Jacksonville University Project, Series 2018B, 5.000%, 6/01/53, 144A	6/28 at 100.00	N/R	\$2,323,624
1,000	Lakeland, Florida, Hospital System Revenue Bonds, Lakeland Regional Health, Refunding Series 2011, 5.000%, 11/15/25	11/21 at 100.00	A2	1,084,950
	Lakewood Ranch Stewardship District, Florida, Special			
625	Assessment Revenue Bonds, Del Webb Project, Series 2017, 5.000%, 5/01/37	5/27 at 100.00	N/R	652,862
	Martin County Health Facilities Authority, Florida, Hospital			
4,125	Revenue Bonds, Martin Memorial Medical Center, Series 2015, 5.000%, 11/15/45	11/24 at 100.00	Baa1	4,333,312
	Miami Dade County Industrial Development Authority, Florida, Educational Facilities Revenue Bonds, South Florida Autism Charter School Project, Series 2017:			
1,080	5.875%, 7/01/37	7/27 at 100.00	N/R	1,069,600
1,920	6.000%, 7/01/47, 144A	7/27 at 100.00	N/R N/R	1,893,946
5,965	Miami Dade County, Florida, Rickenbacker Causeway Revenue	10/24 at 100.00		6,568,061
3,703	Bonds, Series 2014, 5.000%, 10/01/43	10/24 at 100.00	топот	0,500,001
	Miami Health Facilities Authority, Florida, Health Facilities			
2,130	Revenue Bonds, Miami Jewish Health System Inc. Project, Series 2017, 5.125%, 7/01/46	7/27 at 100.00	BBB	2,339,954
	Miami, Florida, Special Obligation Non-Ad Valorem Revenue			
1,545	Bonds, Refunding Series 2011A, 6.000%, 2/01/31 (Pre-refunded 2/01/21) – AGM Insured	2/21 at 100.00	A+ (4)	1,706,360
5,000	Miami-Dade County Expressway Authority, Florida, Toll System Revenue Bonds, Series 2014A, 5.000%, 7/01/44	7/24 at 100.00	A	5,515,300
	Miami-Dade County, Florida, Aviation Revenue Bonds, Miami			
10,100	International Airport, Series 2008B, 5.000%, 10/01/41 (Pre-refunded 10/01/18) – AGM Insured	10/18 at 100.00	A2 (4)	10,161,913
2,500	Miami-Dade County, Florida, Aviation Revenue Bonds, Miami International Airport, Series 2010A-1, 5.375%, 10/01/41	10/20 at 100.00	A	2,680,500
2,500	Miami-Dade County, Florida, Aviation Revenue Bonds, Miami International Airport, Series 2010B, 5.000%, 10/01/30	10/20 at 100.00	A	2,656,350
2,400	Miami-Dade County, Florida, Special Obligation Bonds, Refunding Subordinate Series 2012B, 5.000%, 10/01/37	10/22 at 100.00	A2	2,615,928
6,305	Miami-Dade County, Florida, Water and Sewer System Revenue Bonds, Series 2013A, 5.000%, 10/01/42	10/22 at 100.00	A+	6,877,494
1 785	Northern Palm Beach County Improvement District, Florida,	8/26 at 100.00	N/R	5 125 259
4,785	Water Control and Improvement Bonds, Development Unit 53, Series 2015, 5.350%, 8/01/35	0120 at 100.00	11/1	5,135,358
4,250	Orange County Health Facilities Authority, Florida, Hospital Revenue Bonds, Orlando Health, Inc., Series 2012A, 5.000%, 10/01/42	4/22 at 100.00	A	4,602,580

230	Palm Beach County Health Facilities Authority, Florida, Revenue Bonds, Sinai Residences of Boca Raton Project, Series 2014A, 7.250%, 6/01/34	6/22 at 102.00	N/R	262,892
60	Pasco County, Florida, Water and Sewer Revenue Bonds, Refunding Series 2006, 5.000%, 10/01/36 – AGM Insured Port Saint Lucie, Florida, Utility System Revenue Bonds, Refunding Series 2009:	10/18 at 100.00	Aa2	60,181
800	5.000%, 9/01/35 (Pre-refunded 9/01/18) – AGC Insured	9/18 at 100.00	A1 (4)	802,400
7,730	5.000%, 9/01/35 (Pre-refunded 9/01/18) – AGC Insured	9/18 at 100.00	A1 (4)	7,753,499
515	5.250%, 9/01/35 (Pre-refunded 9/01/18) – AGC Insured	9/18 at 100.00	A1 (4)	516,648
4,935	5.250%, 9/01/35 (Pre-refunded 9/01/18) – AGC Insured	9/18 at 100.00	A1 (4)	4,950,989
14				

D : : :			
Principal Amount (000)	Description (1)	Optional Call Ratings Provisions (2) (3)	Value
,	Florida (continued)		
\$ 825	Reunion West Community Development District, Florida, Special Assessment Bonds, Area 3 Project, Series 2016, 5.000%, 11/01/46	11/26 at 100.00N/R	\$837,193
2,745	Seminole County, Florida, Water and Sewer Revenue Bonds, Refunding & Improvement Series 1992, 6.000%, 10/01/19 – NP	HGo Opt. Call Aa2 (4)	2,819,719
	Insured (ETM) Six Mile Creek Community Development District, Florida, Capital		
255	Improvement Revenue Bonds, Assessment Area 2, Series 2016:	11/27 of 100 00N/D	250 470
255	4.750%, 11/01/28 5.275%, 11/01/26	11/27 at 100.00N/R	258,478
430	5.375%, 11/01/36 South Fork III Community Development District, Florida, Special	11/27 at 100.00N/R	440,187
935	Assessment Revenue Bonds, Refunding Series 2016, 5.375%, 5/01/37	5/27 at 100.00 N/R	958,188
1,200	St. Lucie County, Florida, Utility System Revenue Refunding Bonds, Series 1993, 5.500%, 10/01/21 – FGIC Insured (ETM)	No Opt. Call N/R (4)	1,330,836
8,060	Tallahassee, Florida, Health Facilities Revenue Bonds, Tallahassee Memorial HealthCare Inc. Project, Series 2016A, 5.000%, 12/01/55	12/25 at 100.00Baa1	8,588,414
	Tamarac, Florida, Utility System Revenue Bonds, Series 2009,		
400	5.000%, 10/01/39 (Pre-refunded 10/01/19) — AGC Insured	10/19 at 100.00AA (4)	416,132
4,100	Tampa, Florida, Health System Revenue Bonds, Baycare Health System, Series 2012A, 5.000%, 11/15/33	5/22 at 100.00 Aa2	4,481,915
1,125	Tampa, Florida, Healthcare System Revenue Bonds, Allegany Health System - St. Joseph's Hospital, Series 1993, 5.125%, 12/01/23 - NPFG Insured (ETM)	12/18 at 100.00Aaa	1,128,094
10,095	Tampa-Hillsborough County Expressway Authority, Florida, Revenue Bonds, Refunding Series 2012B, 5.000%, 7/01/42 (Pre-refunded 7/01/22)	7/22 at 100.00 A2 (4)	11,233,514
2,000	Volusia County Educational Facilities Authority, Florida, Revenue Bonds, Embry-Riddle Aeronautical University, Inc. Project, Refunding Series 2011, 5.000%, 10/15/29 (Pre-refunded 10/15/21) – AGM Insured	10/21 at 100.00A- (4)	2,196,300
5,000	Volusia County Educational Facilities Authority, Florida, Revenue Bonds, Stetson University Inc. Project, Series 2015, 5.000%,	6/25 at 100.00 A-	5,544,850
	6/01/40		
199,855	Total Florida		211,106,639
	Georgia – 4.3% (2.7% of Total Investments) Atlanta, Georgia, Water and Wastewater Revenue Bonds, Refunding Series 2009B:		
5,915	5.375%, 11/01/39 – AGM Insured	11/19 at 100.00A+	6,172,953
11,085	5.375%, 11/01/39 (Pre-refunded 11/01/19) – AGM Insured Burke County Development Authority, Georgia, Pollution Control	11/19 at 100.00AA (4)	
20,015	Revenue Bonds, Oglethorpe Power Corporation Vogtle Project, Series 2017C, 4.125%, 11/01/45	2/28 at 100.00 Baa1	19,965,163
10,030	Burke County Development Authority, Georgia, Pollution Control Revenue Bonds, Oglethorpe Power Corporation Vogtle Project, Series 2017D, 4.125%, 11/01/45	2/28 at 100.00 Baa1	10,005,025

078
120
8,900
663

Portfolio	AMT-Free Municipal Credit Income Fund (continued) of Investments July 31, 2018			
(Unaudi	ted)			
Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
,	Georgia (continued)			
\$ 2,000	Fairburn, Georgia, General Obligation Bonds, Series 2011, 5.750%, 12/01/31 (Pre-refunded 12/01/21) — AGM Insured	12/21 at 100.00	A2 (4)	\$2,251,460
	Gainesville and Hall County Hospital Authority, Georgia, Revenue Anticipation Certificates, Northeast Georgia Health			
	Services Inc., Series 2010B:			
1,180	5.250%, 2/15/37	2/20 at 100.00	AA-	1,233,690
3,820	5.250%, 2/15/37 (Pre-refunded 2/15/20)	2/20 at 100.00	N/R (4)	4,024,141
960	5.125%, 2/15/40	2/20 at 100.00	AA-	999,360
3,090	5.125%, 2/15/40 (Pre-refunded 2/15/20)	2/20 at 100.00		3,249,289
3,070	Gainesville and Hall County Hospital Authority, Georgia,	2/20 at 100.00	11/10 (1)	3,217,207
15,305	Revenue Anticipation Certificates, Northeast Georgia Health Services Inc., Series 2014A, 5.500%, 8/15/54	2/25 at 100.00	AA-	17,540,907
	Georgia Housing and Finance Authority, Single Family			
	Mortgage Bonds, Series 2018A:			
6.760	3.950%, 12/01/43	6/27 at 100.00	AAA	6 700 012
6,760	·			6,789,812
5,000	4.000%, 12/01/48	6/27 at 100.00	AAA	5,010,850
10,825	Georgia Municipal Electric Authority, Plant Vogtle Units 3 & 4 Project J Bonds, Series 2015A, 5.000%, 7/01/60	7/25 at 100.00	A2	11,513,253
	Gwinnett County Hospital Authority, Georgia, Revenue			
2,250	Anticipation Certificates, Gwinnett Hospital System Inc. Project, Series 2007C, 5.500%, 7/01/39 – AGM Insured	7/19 at 100.00	A2	2,322,585
	Macon-Bibb County Urban Development Authority, Georgia,			
1,300	Revenue Bonds, Academy for Classical Education, Series 2017, 5.750%, 6/15/37	6/27 at 100.00	N/R	1,342,731
	Marietta Development Authority, Georgia, University Facilities			
4,000	Revenue Bonds, Life University, Inc. Project, Refunding Series 2017A, 5.000%, 11/01/37	11/27 at 100.00	Ba3	4,271,320
	Private Colleges and Universities Authority, Georgia, Revenue			
1,000	Bonds, Mercer University, Refunding Series 2012C, 5.250%, 10/01/27	10/22 at 100.00	Baa2	1,079,280
10.000	Private Colleges and Universities Authority, Georgia, Revenue	10/05 100 00	D 0	10.564.416
10,090	Bonds, Mercer University, Series 2015, 5.000%, 10/01/40	10/25 at 100.00	Baa2	10,764,416
	Valdosta and Lowndes County Hospital Authority, Georgia,			
1,710	Revenue Certificates, South Georgia Medical Center Project,	10/21 at 100.00	AA-	1,842,457
124.010	Series 2011B, 5.000%, 10/01/41			142 100 545
134,910	Total Georgia			142,190,545
	Guam – 0.0% (0.0% of Total Investments)			
	Guam Government Waterworks Authority, Water and			
650	Wastewater System Revenue Bonds, Series 2013, 5.500%,	7/23 at 100.00	BBB-	707,193
	7/01/43			
	Hawaii – 0.4% (0.2% of Total Investments)			
1,500	Hawaii Department of Budget and Finance, Special Purpose	1/25 at 100.00	Ba2	1,486,905
	Revenue Bonds, Chaminade University of Honolulu, Series			

Edgar Filing: Nuveen AMT-Free Municipal Credit Income Fund - Form N-Q 2015A, 5.000%, 1/01/45 Hawaii Department of Budget and Finance, Special Purpose Revenue Bonds, Hawaii Pacific Health Obligated Group, Series 7/23 at 100.00 5,000 **A**1 5,569,450 2013A, 5.500%, 7/01/43 Hawaii Department of Budget and Finance, Special Purpose 170 Revenue Bonds, Hawaii Pacific University, Series 2013A, 7/23 at 100.00 BB178,811 6.875%, 7/01/43 Hawaii Department of Budget and Finance, Special Purpose 5,075 Revenue Bonds, Queens Health Systems, Series 2015A, 7/25 at 100.00 **A**1 5,148,435 4.000%, 7/01/40 11,745 Total Hawaii 12,383,601 16

Principal Amount	Description (1)	Optional Call Ra Provisions (2) (3	atings Value
(000)		110 (15) (3)	,
	Idaho – 0.8% (0.5% of Total Investments)		
	Idaho Health Facilities Authority, Revenue Bonds, Kootenai		
Ф 2 200	Health Project, Series 2014:	7/04 + 100 00 A	Φ2 200 001
\$ 3,300	4.375%, 7/01/34	7/24 at 100.00 A	
12,495	4.750%, 7/01/44	7/24 at 100.00 A	12,997,174
250	Idaho Health Facilities Authority, Revenue Bonds, Madison	0/26 -+ 100 00 DI	D . 265.065
250	Memorial Hospital Project, Refunding Series 2016, 5.000%, 9/01/37	9/26 at 100.00 BI	B+ 265,865
	Idaho Health Facilities Authority, Revenue Bonds, Saint Luke's		
8,730	Health System Project, Series 2012A, 5.000%, 3/01/47 – AGM	3/22 at 100.00 A-	- 9,248,300
0,730	Insured	3/22 dt 100.00 /1	7,240,300
	Idaho Health Facilities Authority, Revenue Bonds, Saint Luke's		
1,000	Health System Project, Series 2014A, 4.125%, 3/01/37	3/24 at 100.00 A-	- 1,014,170
25,775	Total Idaho		26,914,510
20,770	Illinois – 25.9% (16.3% of Total Investments)		20,511,610
	Bolingbrook, Illinois, General Obligation Bonds, Refunding Series	-100	
675	2013A, 5.000%, 1/01/25	7/23 at 100.00 A2	2 754,549
(7.105	Chicago Board of Education, Illinois, Dedicated Capital	4/07 + 100 00 A	70.560.760
67,135	Improvement Tax Revenue Bonds, Series 2016, 6.000%, 4/01/46	4/27 at 100.00 A	78,568,762
1 000	Chicago Board of Education, Illinois, Dedicated Capital	4/27 at 100 00 A	1 074 920
1,000	Improvement Tax Revenue Bonds, Series 2017, 5.000%, 4/01/46	4/27 at 100.00 A	1,074,830
	Chicago Board of Education, Illinois, General Obligation Bonds,		
	Dedicated Revenues Series 2011A:		
6,210	5.500%, 12/01/39	12/21 at 100.00 B2	2 6,384,191
1,865	5.000%, 12/01/41	12/21 at 100.00 B2	2 1,887,678
5,175	Chicago Board of Education, Illinois, General Obligation Bonds,	12/22 at 100.00 B2	2 5,216,711
3,173	Dedicated Revenues Series 2012A, 5.000%, 12/01/42	12/22 at 100.00 D 2	2 3,210,711
8,400	Chicago Board of Education, Illinois, General Obligation Bonds,	12/27 at 100.00 B-	+ 10,084,452
0,100	Dedicated Revenues, Refunding Series 2017B, 7.000%, 12/01/42	12/27 at 100.00 B	10,001,132
	Chicago Board of Education, Illinois, General Obligation Bonds,		
	Dedicated Revenues, Refunding Series 2017H:		
5,835	5.000%, 12/01/36	12/27 at 100.00 B-	
4,940	5.000%, 12/01/46	12/27 at 100.00 B-	+ 5,061,870
2,720	Chicago Board of Education, Illinois, General Obligation Bonds,	12/18 at 100.00 B2	2 2,724,352
•	Dedicated Revenues, Series 2008C, 5.000%, 12/01/29		, ,
38,905	Chicago Board of Education, Illinois, General Obligation Bonds,	12/25 at 100.00 B-	+ 45,287,365
	Dedicated Revenues, Series 2016A, 7.000%, 12/01/44		
14,805	Chicago Board of Education, Illinois, General Obligation Bonds,	12/26 at 100.00 BI	B- 16,952,761
	Dedicated Revenues, Series 2016B, 6.500%, 12/01/46 Chicago Board of Education Illinois, Company Obligation Boards		
19,585	Chicago Board of Education, Illinois, General Obligation Bonds,	12/27 at 100.00 B-	+ 23,445,791
	Dedicated Revenues, Series 2017A, 7.000%, 12/01/46, 144A Chicago Board of Education, Illinois, Unlimited Tax General		
1,315	Obligation Bonds, Dedicated Tax Revenues, Series 1998B-1,	No Opt. Call B-	+ 750,549
1,313	0.000%, 12/01/30 — NPFG Insured	140 Opt. Call D	1 130,349
2,235	Chicago Transit Authority, Illinois, Capital Grant Receipts	6/21 at 100.00 A2	2 2,403,139
2,233	Revenue Bonds, Federal Transit Administration Section 5307	0/21 at 100.00 A	2,703,139
	Urbanized Area Formula Funds, Refunding Series 2011, 5.250%,		

6/01/26 - AGM Insured Chicago Transit Authority, Illinois, Sales Tax Receipts Revenue 1,100 12/21 at 100.00 A3 1,173,887 Bonds, Series 2011, 5.250%, 12/01/40

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Portfoli	n AMT-Free Municipal Credit Income Fund (continued) to of Investments July 31, 2018			
(Unaud	ited)			
Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
(000)	Illinois (continued)			
	Chicago Transit Authority, Illinois, Sales Tax Receipts Revenue			
\$ 12,215	Bonds, Series 2014, 5.250%, 12/01/49	12/24 at 100.00	AA	\$13,543,137
	Chicago, Illinois, General Airport Revenue Bonds, O'Hare			
7,700	International Airport, Third Lien Refunding Series 2010C, 5.250%, 1/01/35 — AGC Insured	1/20 at 100.00	A2	8,032,717
	Chicago, Illinois, General Obligation Bonds, City Colleges,			
	Series 1999:			
1,500	0.000%, 1/01/31 – NPFG Insured	No Opt. Call	BBB-	872,805
32,670	0.000%, 1/01/32 – FGIC Insured	No Opt. Call	BBB-	18,103,100
12,360	0.000%, 1/01/37 – FGIC Insured	No Opt. Call	BBB-	5,301,698
960	Chicago, Illinois, General Obligation Bonds, Project & Refunding Series 2007A, 5.000%, 1/01/27 – AMBAC Insured	10/18 at 100.00	Ba1	963,072
2,500	Chicago, Illinois, General Obligation Bonds, Project & Refunding Series 2014A, 5.250%, 1/01/33	1/24 at 100.00	Ba1	2,632,025
17,605	Chicago, Illinois, General Obligation Bonds, Project & Refunding Series 2017A, 6.000%, 1/01/38	1/27 at 100.00	BBB-	19,870,763
4,220	Chicago, Illinois, General Obligation Bonds, Project and Refunding Series 2009C, 5.000%, 1/01/34	1/19 at 100.00	Ba1	4,247,810
1,000	Chicago, Illinois, General Obligation Bonds, Project Series 2011A, 5.250%, 1/01/35	1/21 at 100.00	Ba1	1,018,540
10,200	Chicago, Illinois, General Obligation Bonds, Project Series 2012A, 5.000%, 1/01/33	1/22 at 100.00	Ba1	10,472,952
2,605	Chicago, Illinois, General Obligation Bonds, Refunding Series 2016C, 5.000%, 1/01/38	1/26 at 100.00	BBB-	2,736,500
3,000	Chicago, Illinois, Wastewater Transmission Revenue Bonds, Second Lien Series 2008C, 5.000%, 1/01/39	1/25 at 100.00	A	3,224,310
	Cook County Community College District 508, Illinois, General			
10,000	•	12/23 at 100.00	BBB	10,418,600
	DeKalb, Kane, LaSalle, Lee, Ogle, Winnebago and Boone			
	Counties Community College District 523, Illinois, General			
	Obligation Bonds, Kishwaukee Community College, Series			
	2011B:			
2,500	0.000%, 2/01/33	2/21 at 100.00	AA-	1,035,725
2,000	0.000%, 2/01/34	2/21 at 100.00		767,780
2,000	Illinois Educational Facilities Authority, Revenue Bonds, Field	2,21 w 100.00		707,700
2.500	Museum of Natural History, Series 2002.RMKT:	11/05 - 100 00		2 505 055
2,500	4.450%, 11/01/36 5.500%, 11/01/36	11/25 at 102.00		2,597,875
3,400	5.500%, 11/01/36	11/23 at 100.00	A	3,714,670
3,295	Illinois Educational Facilities Authority, Revenue Bonds, Robert Morris College, Series 2000, 5.800%, 6/01/30 — NPFG Insured Illinois Finance Authority, Charter School Revenue Bonds,	1 ^{12/18} at 100.00	Baa2	3,302,941
	Intrinsic Charter Schools Belmont School Project, Series 2015A:			

1,700 115	5.750%, 12/01/35 6.000%, 12/01/45	12/25 at 100.00 12/25 at 100.00		1,738,573 117,447
	Illinois Finance Authority, Illinois, Rosalind Franklin University			,
	Revenue Bonds, Research Building Project, Series 2017C:			
1,000	5.000%, 8/01/42	8/27 at 100.00	BBB+	1,085,960
1,000	5.000%, 8/01/46	8/27 at 100.00	BBB+	1,082,800
1,000	5.000%, 8/01/47	8/27 at 100.00	BBB+	1,081,220
18				

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Illinois (continued)			
\$ 6,500	Illinois Finance Authority, Recovery Zone Facility Revenue Bonds, Navistar International Corporation Project, Series 2010, 6.750%, 10/15/40	10/20 at 100.00	B2	\$6,878,300
39,675	Illinois Finance Authority, Revenue Bonds, Ascension Health/fkaPresence Health Network, Series 2016C, 4.000%, 2/15/41	2/27 at 100.00	Aa2	40,802,563
6,750	Illinois Finance Authority, Revenue Bonds, Centegra Health System, Series 2012, 5.000%, 9/01/38	9/22 at 100.00	BB+	7,063,673
	Illinois Finance Authority, Revenue Bonds, Centegra Health			
1 105	System, Series 2014A:	0/24 at 100 00	BB+	1 500 991
1,485 19,025	5.000%, 9/01/34 5.000%, 9/01/42	9/24 at 100.00 9/24 at 100.00	BB+	1,590,881 20,200,555
	Illinois Finance Authority, Revenue Bonds, Ingalls Health			
1,750	System, Series 2013, 4.250%, 5/15/43	5/22 at 100.00	Baa2	1,762,688
4,300	Illinois Finance Authority, Revenue Bonds, Memorial Health System, Series 2009, 5.500%, 4/01/34	4/19 at 100.00	A1	4,409,607
15,805	Illinois Finance Authority, Revenue Bonds, Mercy Health Corporation, Series 2016, 5.000%, 12/01/46	6/26 at 100.00	A3	17,100,694
1,630	Illinois Finance Authority, Revenue Bonds, Northwestern Memorial HealthCare, Series 2013, 5.000%, 8/15/37 Illinois Finance Authority, Revenue Bonds, Provena Health,	8/22 at 100.00	Aa2	1,775,689
	Series 2009A:			
25	7.750%, 8/15/34 (Pre-refunded 8/15/19)	8/19 at 100.00	N/R (4)	26,579
2,475	7.750%, 8/15/34 (Pre-refunded 8/15/19)	8/19 at 100.00	N/R (4)	2,631,296
1,435	Illinois Finance Authority, Revenue Bonds, Rehabilitation Institute of Chicago, Series 2013A, 6.000%, 7/01/43 Illinois Finance Authority, Revenue Bonds, Silver Cross	7/23 at 100.00	A-	1,588,789
- 0	Hospital and Medical Centers, Refunding Series 2015C:			
560	5.000%, 8/15/35	8/25 at 100.00	Baa1	608,703
6,140	5.000%, 8/15/44 Illinois Finance Authority, Revenue Bonds, Silver Cross	8/25 at 100.00	Baa1	6,579,317
5,735	Hospital and Medical Centers, Series 2009, 7.000%, 8/15/44 (Pre-refunded 8/15/19)	8/19 at 100.00	N/R (4)	6,053,120
8,960	Illinois Finance Authority, Revenue Bonds, The Carle Foundation, Series 2011A, 6.000%, 8/15/41 – AGM Insured Illinois Finance Authority, Revenue Bonds, The University of	8/21 at 100.00	A2	9,868,544
1,150	Chicago Medical Center, Series 2011C: 5.500%, 8/15/41 (Pre-refunded 2/15/21)	2/21 at 100.00	A.A. (4)	1 253 224
4,500	5.500%, 8/15/41 (Pre-refunded 2/15/21) 5.500%, 8/15/41 (Pre-refunded 2/15/21) (UB) (5)	2/21 at 100.00 2/21 at 100.00		1,253,224 4,903,920
	Illinois Finance Authority, Revenue Bonds, University of			
20,000	Chicago, Refunding Series 2015A, 5.000%, 10/01/46 (UB) (5)	10/25 at 100.00	AA-	22,152,600
19,975	Illinois Finance Authority, Revenue Bonds, University of Chicago, Series 2012A, 5.000%, 10/01/51	10/21 at 100.00	AA-	21,346,084
3,665	Illinois Sports Facility Authority, State Tax Supported Bonds, Refunding Series 2014, 5.250%, 6/15/31 – AGM Insured	6/24 at 100.00	BBB-	4,008,594
19				

Portfolio	AMT-Free Municipal Credit Income Fund (continued) of Investments July 31, 2018			
(Unaudit	ed)			
Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Illinois (continued)			
	Illinois State, General Obligation Bonds, February Series 2014:			
\$ 3,200	5.250%, 2/01/32	2/24 at 100.00	BBB-	\$3,385,920
2,000	5.250%, 2/01/33	2/24 at 100.00	BBB-	2,111,160
1,575	5.250%, 2/01/34	2/24 at 100.00	BBB-	1,659,373
7,500	5.000%, 2/01/39	2/24 at 100.00	BBB-	7,754,625
5,000	Illinois State, General Obligation Bonds, June Series 2016, 4.000%, 6/01/35	6/26 at 100.00	BBB-	4,729,500
	Illinois State, General Obligation Bonds, May Series 2014:			
510	5.000%, 5/01/36	5/24 at 100.00	BBB-	529,819
3,245	5.000%, 5/01/39	5/24 at 100.00	BBB-	3,361,041
	Illinois State, General Obligation Bonds, November Series 2016:			
11,800	5.000%, 11/01/40	11/26 at 100.00	BBB-	12,342,682
13,200	5.000%, 11/01/41	11/26 at 100.00	BBB-	13,797,696
31,355	Illinois State, General Obligation Bonds, November Series 2017D, 5.000%, 11/01/28	11/27 at 100.00	BBB-	33,731,709
5,000	Illinois State, General Obligation Bonds, October Series 2016, 5.000%, 2/01/29	2/27 at 100.00	BBB-	5,346,050
1,500	Illinois State, General Obligation Bonds, Refunding Series 2008, 5.000%, 4/01/22	10/18 at 100.00	BBB-	1,504,860
2,625	Illinois State, General Obligation Bonds, Refunding Series 2010, 5.000%, 1/01/24	1/20 at 100.00	BBB-	2,682,068
	Illinois State, General Obligation Bonds, Refunding Series 2012:			
3,035	5.000%, 8/01/21	No Opt. Call	BBB-	3,190,847
1,725	5.000%, 8/01/22	No Opt. Call	BBB-	1,828,000
3,425	5.000%, 8/01/23	No Opt. Call	BBB-	3,658,654
1,190	5.000%, 8/01/25	8/22 at 100.00	BBB-	1,249,702
	Illinois State, General Obligation Bonds, Series 2013:			
2,000	5.250%, 7/01/31	7/23 at 100.00	BBB-	2,109,540
2,990	5.500%, 7/01/38	7/23 at 100.00	BBB-	3,149,995
5,000	Illinois Toll Highway Authority, Toll Highway Revenue Bonds, Senior Lien Series 2013A, 5.000%, 1/01/35	1/23 at 100.00	AA-	5,490,700
	Illinois Toll Highway Authority, Toll Highway Revenue			
18,920	Bonds, Senior Lien Series 2015A, 5.000%, 1/01/40	7/25 at 100.00	AA-	20,967,333
	Illinois Toll Highway Authority, Toll Highway Revenue			
1,395	Bonds, Tender Option Bond Trust 2015-XF0051, 15.009%,	1/23 at 100.00	AA-	1,925,895
	1/01/38, 144A (IF)			
	Macon County School District 61 Decatur, Illinois, General			
7,400	Obligation Bonds, Series 2011A, 5.250%, 1/01/37 – AGM Insured	1/21 at 100.00	A2	7,904,162
17,500	Metropolitan Pier and Exposition Authority, Illinois, McCormick Place Expansion Project Bonds, Refunding Series	6/22 at 100.00	BB+	18,044,775

Edgar Filing: Nuveen AMT-Free Municipal Credit Income Fund - Form N-Q 2012B, 5.000%, 6/15/52 Metropolitan Pier and Exposition Authority, Illinois, 540 McCormick Place Expansion Project Bonds, Refunding Series 12/25 at 100.00 BB+ 569,911 2015B, 5.000%, 6/15/52 Metropolitan Pier and Exposition Authority, Illinois, McCormick Place Expansion Project Bonds, Series 2015A: 2,890 0.000%, 12/15/52 No Opt. Call BB+538,320 5.000%, 6/15/53 12/25 at 100.00 5,185 BB+ 5,468,827 5,700 5.500%, 6/15/53 12/25 at 100.00 6,191,511

20

BB+

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Rating (3)	^S Value
(000)	Illinois (continued) Metropolitan Pier and Exposition Authority, Illinois, McCormick Place Expansion Project Refunding Bonds, Series 2010A:			
\$ 3,650	5.500%, 6/15/50 (Pre-refunded 6/15/20)	6/20 at 100.00	BBB- (4)	\$3,904,077
11,365	5.500%, 6/15/50 Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Capital Appreciation Refunding Series 2010B-1:	6/20 at 100.00	BB+	11,650,034
25,000	0.000%, 6/15/44 – AGM Insured	No Opt. Call	BBB-	7,986,750
43,200	0.000%, 6/15/45 – AGM Insured	No Opt. Call	BBB-	13,170,816
10,000	0.000%, 6/15/46 – AGM Insured	No Opt. Call	BBB-	2,909,000
	Metropolitan Pier and Exposition Authority, Illinois, Revenue			
41,205	Bonds, McCormick Place Expansion Project, Refunding Series 2010B-2, 5.000%, 6/15/50	6/20 at 100.00	BB+	41,997,784
8,750	Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Series 1994B, 0.000%, 6/15/28 – NPFG Insured	No Opt. Call	BB+	5,850,688
	Metropolitan Pier and Exposition Authority, Illinois, Revenue			
10.005	Bonds, McCormick Place Expansion Project, Series 2002A:	N. O . C 11	D.D.	14 200 756
18,085	0.000%, 12/15/24 — NPFG Insured	No Opt. Call	BB+	14,309,756
20,045	0.000%, 12/15/35 - AGM Insured	No Opt. Call	BBB-	9,573,692
1,846	Plano, Illinois, Special Tax Bonds, Special Service Area 1 & 2 Lakewood Springs Project, Refunding Series 2014, 5.000%, 3/01/34 – AGM Insured	3/24 at 100.00	AA	1,985,225
2,600	Regional Transportation Authority, Cook, DuPage, Kane, Lake, McHenry and Will Counties, Illinois, General Obligation Bonds, Series 2000A, 6.500%, 7/01/30 – NPFG Insured	No Opt. Call	A2	3,343,444
3,900	Rosemont Village, Illinois, General Obligation Bonds, Corporate Purpose Series 2011A, 5.600%, 12/01/35 (Pre-refunded 12/01/20) – AGM Insured	12/20 at 100.00	A2 (4)	4,248,816
7,025	Southwestern Illinois Development Authority, Health Facility Revenue Bonds, Memorial Group, Inc., Series 2013, 7.625%, 11/01/48 (Pre-refunded 11/01/23)	11/23 at 100.00	N/R (4	9)8,931,515
4,000	Southwestern Illinois Development Authority, School Revenue Bonds, Triad School District 2, Madison County, Illinois, Series 2006, 0.000%, 10/01/25 – NPFG Insured	No Opt. Call	Baa2	3,080,400
12,125	Springfield, Illinois, Electric Revenue Bonds, Senior Lien Series 2015, 5.000%, 3/01/40 — AGM Insured Will County Community Unit School District 201U, Crete-Monee, Illinois, General Obligation Bonds, Capital Appreciation Series 2004:	3/25 at 100.00	A2	13,259,900
780	0.000%, 11/01/22 – NPFG Insured (ETM)	No Opt. Call	Baa2 (4)	706,025
2,550 6,415	0.000%, 11/01/22 – NPFG Insured Will County School District 122, New Lenox, Illinois, General Obligation Bonds, Capital Appreciation School Series 2004D,	No Opt. Call No Opt. Call	Baa2 Aa3	2,279,292 5,368,842

	AMT-Free Municipal Credit Income Fund (continued) of Investments July 31, 2018 (ited)			
Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
` /	Illinois (continued) Williamson & Johnson Counties Community Unit School District 2, Marion, Illinois, General Obligation Bonds, Series 2011:			
\$ 930	7.000%, 12/01/21 – AGM Insured	12/20 at 100.00	A2	\$1,027,920
1,035	7.000%, 12/01/22 – AGM Insured	12/20 at 100.00	A2	1,140,994
1,155	7.000%, 12/01/23 – AGM Insured	12/20 at 100.00	A2	1,273,284
1,065	7.000%, 12/01/26 – AGM Insured	12/20 at 100.00	A2	1,168,976
2,085	7.250%, 12/01/29 (Pre-refunded 12/01/20) – AGM Insured	12/20 at 100.00	A2 (4)	2,344,666
2,295	7.250%, 12/01/30 (Pre-refunded 12/01/20) – AGM Insured	12/20 at 100.00		2,580,819
888,996	Total Illinois		. ,	847,693,666
,	Indiana – 3.8% (2.4% of Total Investments)			, ,
	Allen County, Indiana, Economic Development Revenue Bonds,			
	Fort Wayne Project, Senior Series 2017A-1:			
500	6.625%, 1/15/34	1/24 at 104.00	N/R	539,005
675	6.750%, 1/15/43	1/24 at 104.00	N/R	726,678
	Chesterton, Indiana, Economic Development Revenue Bonds,			
1,605	Storypoint Chesterton Project, Series 2016, 6.250%, 1/15/43	1/24 at 104.00	N/R	1,674,432
	Crown Point Multi-School Building Corporation, Indiana, First			
2,640	Mortgage Bonds, Crown Point Community School Corporation, Series 2000, 0.000%, 1/15/24 – NPFG Insured	No Opt. Call	Baa2	2,310,475
	Indiana Finance Authority, Educational Facilities Revenue			
12,040	Bonds, Valparaiso University Project, Series 2014, 5.000%, 10/01/44	10/24 at 100.00	A3	13,158,636
	Indiana Finance Authority, Environmental Improvement			
365	Revenue Bonds, United States Steel Corporation Project, Refunding Series 2010, 6.000%, 12/01/26	6/20 at 100.00	В	374,296
125	Indiana Finance Authority, Environmental Improvement Revenue Bonds, United States Steel Corporation Project, Refunding Series 2011, 6.000%, 12/01/19	No Opt. Call	В	128,955
10,750	Indiana Finance Authority, Health System Revenue Bonds, Franciscan Alliance, Inc Obligated Group, Series 2016A,	11/25 at 100.00	Aa3	10,803,320
	4.000%, 11/01/51			
10,190	Indiana Finance Authority, Hospital Revenue Bonds, Community	5/23 at 100.00	A	10,972,796
	Health Network Project, Series 2012A, 5.000%, 5/01/42			
7 000	Indiana Finance Authority, Revenue Bonds, Trinity Health Care	10/00 . 100 00		5.065 ,000
5,000	Group, Refunding Series 2010B, 5.000%, 12/01/37 (Pre-refunded 12/01/20)	12/20 at 100.00	AA- (4)	5,367,000
13,880	Indiana Finance Authority, Wastewater Utility Revenue Bonds, CWA Authority Project, Series 2011B, 5.000%, 10/01/41	10/21 at 100.00	A2	14,981,517
17,970	Indiana Finance Authority, Wastewater Utility Revenue Bonds, CWA Authority Project, Series 2014A, 5.000%, 10/01/44	10/24 at 100.00	A	20,269,082
5,000	Indianapolis Local Public Improvement Bond Bank Bonds, Indiana, Revenue Bonds, PILOT Infrastructure Project, Series	1/20 at 100.00	AA (4)	5,236,650

2010F, 5.000%, 1/01/35 (Pre-refunded 1/01/20) - AGM Insured Indianapolis Local Public Improvement Bond Bank, Indiana,

Series 1999E:

10,000	0.000%, 2/01/26 - AMBAC Insured	No Opt. Call	A	8,100,300
20,000	0.000%, 2/01/28 - AMBAC Insured	No Opt. Call	A	14,933,000
22				

Principal		Optional Call	Ratings	
Amount (000)	Description (1)	Provisions (2)	(3)	Value
	Indiana (continued)			
	Indianapolis Local Public Improvement Bond Bank, Indiana,			
\$ 2,855	Waterworks Project Series 2009A: 5.500%, 1/01/38 (Pre-refunded 1/01/19) – AGC Insured	1/19 at 100.00	Aa3 (4)	\$2,904,163
11,760	5.500%, 1/01/38 — AGC Insured	1/19 at 100.00	A+	11,951,218
125,355	Total Indiana			124,431,523
	Iowa – 3.2% (2.0% of Total Investments)			
10,000	Iowa Finance Authority, Health Facilities Revenue Bonds,	2/23 at 100.00	A1	10,802,000
10,000	UnityPoint Health Project, Series 2013A, 5.250%, 2/15/44	2/23 at 100.00	711	10,002,000
10.600	Iowa Finance Authority, Iowa, Midwestern Disaster Area	12/22 -+ 100 00	D	11 421 021
10,690	Revenue Bonds, Iowa Fertilizer Company Project, Series 2013, 5.250%, 12/01/25	12/23 at 100.00	B-	11,431,031
	Iowa Finance Authority, Iowa, Midwestern Disaster Area			
18,290	Revenue Bonds, Iowa Fertilizer Company Project, Series 2016, 5.875%, 12/01/27	6/19 at 105.00	B-	19,422,882
	Iowa Finance Authority, Iowa, Midwestern Disaster Area		_	
21,280	Revenue Bonds, Iowa Fertilizer Company Project, Series 2018B, 5.250%, 12/01/50 (Mandatory Put 12/01/22)	12/22 at 105.00	В	22,637,451
	Iowa Tobacco Settlement Authority, Asset Backed Settlement			
0.205	Revenue Bonds, Series 2005C:	10/10 + 100 00	D2	0.074.644
8,285	5.375%, 6/01/38 5.500%, 6/01/42	10/18 at 100.00 10/18 at 100.00		8,374,644
2,200 21,420	5.500%, 6/01/42 5.625%, 6/01/46	10/18 at 100.00 10/18 at 100.00		2,223,804 21,667,187
	Iowa Tobacco Settlement Authority, Tobacco Asset-Backed			
8,400	Revenue Bonds, Series 2005B, 5.600%, 6/01/34	10/18 at 100.00	B2	8,487,192
100,565	Total Iowa			105,046,191
	Kansas – 0.7% (0.4% of Total Investments)			
	Kansas Development Finance Authority, Revenue Bonds,			
	Sisters of Charity of Leavenworth Health Services Corporation,			
1 240	Series 2010A: 5.000%, 1/01/40	1/20 at 100.00	AA-	1,288,050
1,240 8,140	5.000%, 1/01/40 (Pre-refunded 1/01/20)	1/20 at 100.00 1/20 at 100.00		8,519,406
	Lenexa, Kansas, Health Care Facilities Revenue Bonds,			
1,000	Lakeview Village Inc, Series 2017A, 5.000%, 5/15/43	5/27 at 100.00	BB+	1,061,230
	Wyandotte County-Kansas City Unified Government, Kansas,			
	Sales Tax Special Obligation Bonds, Vacation Village Project			
	Area 1 and 2A, Series 2015:			
4,870	5.000%, 9/01/27	9/25 at 100.00	N/R	5,226,533
2,380	5.750%, 9/01/32	9/25 at 100.00	N/R	2,543,696
2,495 20,125	6.000%, 9/01/35 Total Kansas	9/25 at 100.00	N/R	2,680,553 21,319,468
20,123	Kentucky – 2.7% (1.7% of Total Investments)			21,317,700
1.565	Christian County, Kentucky, Hospital Revenue Bonds, Jennie	0/06 / 100 00	D.D.	4 007 700
4,565	Stuart Medical Center, Series 2016, 5.500%, 2/01/44	2/26 at 100.00	BB+	4,897,789
	Kentucky Bond Development Corporation, Tax Increment			
6,675	Revenue Bonds, Summit Lexington Project, Series 2016A,	No Opt. Call	N/R	6,452,722
	4.400%, 10/01/24			

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	n AMT-Free Municipal Credit Income Fund (continued)			
	lio of Investments July 31, 2018			
(Unau	aitea)			
Principal	Description (1)	Optional Call	Ratings	Value
Amount	Description (1)	Provisions (2)	(3)	value
(000)		,	,	
	Kentucky (continued)			
	Kentucky Economic Development Finance Authority, Hospital			
4.5.050	Revenue Bonds, Owensboro Health, Refunding Series 2017A:	61 27 - 100 00	D.D.	40.451.450
\$ 7,850	5.000%, 6/01/37	6/27 at 100.00		\$8,471,170
3,280	5.000%, 6/01/41	6/27 at 100.00	BB+	3,496,677
	Kentucky Economic Development Finance Authority, Hospital			
5,240	Revenue Bonds, Owensboro Medical Health System, Series	6/20 at 100.00	BB+ (4) 5,639,340
	2010A, 6.000%, 6/01/30 (Pre-refunded 6/01/20)			
	Kentucky Economic Development Finance Authority, Hospital			
6,015	Revenue Bonds, Owensboro Medical Health System, Series	6/20 at 100.00	BB+ (4) 6,513,824
	2010B, 6.375%, 3/01/40 (Pre-refunded 6/01/20)			
	Kentucky Economic Development Finance Authority, Revenue			
	Bonds, Next Generation Kentucky Information Highway Project,			
	Senior Series 2015A:			
4,345	5.000%, 7/01/37	7/25 at 100.00		4,693,643
7,370	5.000%, 7/01/40	7/25 at 100.00		7,873,002
10,245	5.000%, 1/01/45	7/25 at 100.00	Baa2	10,924,961
	Kentucky Public Transportation Infrastructure Authority, First			
	Tier Toll Revenue Bonds, Downtown Crossing Project,			
	Convertible Capital Appreciation Series 2013C:			
4,360	0.000%, 7/01/43 (6)	7/31 at 100.00	Baa3	4,100,624
7,510	0.000%, 7/01/46 (6)	7/31 at 100.00	Baa3	7,090,491
	Kentucky Public Transportation Infrastructure Authority, First			
	Tier Toll Revenue Bonds, Downtown Crossing Project, Series			
	2013A:			
2,390	5.750%, 7/01/49	7/23 at 100.00	Baa3	2,611,577
480	6.000%, 7/01/53	7/23 at 100.00	Baa3	530,419
	Kentucky State Property and Buildings Commission, Revenue			
	Bonds, Project 93, Refunding Series 2009:			
715	5.250%, 2/01/20 – AGC Insured	2/19 at 100.00	AA	728,306
5,560	5.250%, 2/01/20 (Pre-refunded 2/01/19) - AGC Insured	2/19 at 100.00	AA (4)	5,667,642
1,135	5.250%, 2/01/24 (Pre-refunded 2/01/19) – AGC Insured	2/19 at 100.00	AA (4)	1,156,974
8,865	5.250%, 2/01/24 (Pre-refunded 2/01/19) - AGC Insured	2/19 at 100.00	AA (4)	9,036,626
86,600	Total Kentucky			89,885,787
	Louisiana – 1.6% (1.0% of Total Investments)			
	Ascension Parish Industrial development Board, Louisiana,			
2,980	Revenue Bonds, Impala Warehousing (US) LLC Project, Series	7/23 at 100.00	N/R	3,206,212
	2013, 6.000%, 7/01/36			
	Jefferson Parish Hospital District1, Louisiana, Hospital Revenue			
4,330	Bonds, West Jefferson Medical Center, Refunding Series 2011A,	1/21 at 100.00	A2 (4)	4,752,218
	6.000%, 1/01/39 (Pre-refunded 1/01/21) – AGM Insured			
5,000	Lafayette Public Trust Financing Authority, Louisiana, Revenue	10/20 at 100.00) AA (4)	5,403,000
	Bonds, Ragin' Cajun Facilities Inc. Housing & Parking Project,		. /	
	Series 2010, 5.500%, 10/01/41 (Pre-refunded 10/01/20) – AGM	[

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5,100	Insured Louisiana Local Government Environmental Facilities and Community Development Authority, Revenue Bonds, Westlake Chemical Corporation Projects, Refunding Series 2017, 3.500%, 11/01/32	11/27 at 100.00 Baa3	5,004,579
24			

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Rating (3)	^S Value
	Louisiana (continued) Louisiana Public Facilities Authority, Hospital Revenue Bonds, Franciscan Missionaries of Our Lady Health System, Series 1998A:			
\$ 135 9,865	5.750%, 7/01/25 - AGM Insured (UB) 5.750%, 7/01/25 - AGM Insured (UB)	No Opt. Call No Opt. Call	A2 A2	\$164,998 11,230,316
11,000	Louisiana Public Facilities Authority, Revenue Bonds, Loyola University Project, Refunding Series 2017, 0.000%, 10/01/46 (6) Louisiana Public Facilities Authority, Revenue Bonds, Ochsner	10/33 at 100.00	BBB	9,580,230
2,290	Clinic Foundation Project, Refunding Series 2017, 4.000%, 5/15/42	5/27 at 100.00	A3	2,293,252
	Louisiana Public Facilities Authority, Revenue Bonds, Ochsner Clinic Foundation Project, Series 2015:			
1,000	4.250%, 5/15/40	5/25 at 100.00	A3	1,023,040
6,970	5.000%, 5/15/47	5/25 at 100.00	A3	7,587,542
1,000	New Orleans, Louisiana, Sewerage Service Revenue Bonds, Refunding Series 2014, 4.250%, 6/01/34	6/24 at 100.00	A-	1,031,210
49,670	Total Louisiana Maine – 0.9% (0.6% of Total Investments)			51,276,597
7,530	Maine Health and Higher Educational Facilities Authority Revenue Bonds, Eastern Maine Medical Center Obligated Group Issue, Series 2013, 5.000%, 7/01/43	7/23 at 100.00	Ba1	7,815,011
	Maine Health and Higher Educational Facilities Authority Revenue Bonds, Eastern Maine Medical Center Obligated Group Issue, Series 2016A:			
5,280	4.000%, 7/01/41	7/26 at 100.00	Ba1	4,998,787
5,565	4.000%, 7/01/46	7/26 at 100.00	Ba1	5,192,089
	Maine Health and Higher Educational Facilities Authority,			
1,050	Revenue Bonds, Maine General Medical Center, Series 2011, 6.750%, 7/01/41	7/21 at 100.00	Ba3	1,131,932
10,000	Maine Health and Higher Educational Facilities Authority, Revenue Bonds, Mainehealth Issue, Series 2015, 5.000%,	7/24 at 100.00	A+	10,917,500
10,000	7/01/39	7724 at 100.00	Ат	10,917,500
29,425	Total Maine			30,055,319
	Maryland – 1.4% (0.9% of Total Investments)			
1,000	Howard County, Maryland, Special Obligation Bonds, Downtown Columbia Project, Series 2017A, 4.375%, 2/15/39	2/26 at 100.00	N/R	1,012,470
2,500	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Adventist Healthcare, Series 2011A, 6.000%,	1/22 at 100.00	Baa3	2,768,125
13,315	1/01/26 Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Adventist Healthcare, Series 2016A, 5.500%,	1/27 at 100.00	BB+	14,840,233
	1/01/46			
10,000	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, LifeBridge Health System, Series 2015, 5.000%, 7/01/47	7/25 at 100.00	A+	10,991,100
2,500	Maryland Health and Higher Educational Facilities Authority, Revenue Bonds, Peninsula Regional Medical Center Issue,	7/24 at 100.00	A3	2,687,625

Refunding Series 2015, 5.000%, 7/01/45
Maryland Health and Higher Educational Facilities Authority,

Revenue Bonds, University of Maryland Medical System Issue, 7/22 at 100.00 A- 3,237,210
Series 2013A, 5.000%, 7/01/43

	en AMT-Free Municipal Credit Income Fund (continued)			
	blio of Investments July 31, 2018			
•	idited)			
Principal	5	Optional Call	Ratings	
Amount	Description (1)	Provisions (2)	(3)	Value
(000)		,	(-)	
	Maryland (continued)			
	Prince George's County Revenue Authority, Maryland, Special			
* * * * * * * * * * * * * * * * * * *	Obligation Bonds, Suitland-Naylor Road Project, Series 2016:	1/06 - 100.00) I /D	φ1 0 50 5 60
\$ 2,000	4.750%, 7/01/36	1/26 at 100.00		\$1,952,760
2,300	5.000%, 7/01/46	1/26 at 100.00	N/R	2,286,200
	Rockville Mayor and Council, Maryland, Economic Development			
1 225	Revenue Bonds, Series 2017B:	11/04 + 102.00	\ D.D.	1 260 512
1,335	4.250%, 11/01/37	11/24 at 103.00		1,360,512
1,250	4.500%, 11/01/43	11/24 at 103.00		1,287,113
1,950	5.000%, 11/01/47	11/24 at 103.00	BB	2,107,209
41,150	Total Maryland			44,530,557
	Massachusetts – 3.6% (2.3% of Total Investments)			
0.500	Massachusetts Department of Transportation, Metropolitan	1/20 -4 100 00	A A	0.002.070
9,500	Highway System Revenue Bonds, Commonwealth Contract	1/20 at 100.00	AA	9,893,870
	Assistance Secured, Refunding Series 2010B, 5.000%, 1/01/35			
2 105	Massachusetts Department of Transportation, Metropolitan	1/20 / 100 00	4.2	2 240 210
3,125	Highway System Revenue Bonds, Refunding Senior Lien Series	1/20 at 100.00	A3	3,249,219
	2010B, 5.000%, 1/01/37			
25,000	Massachusetts Development Finance Agency Revenue Bonds,	7/28 at 100.00	Baa1	27,393,250
	CareGroup Issue, Series 2018J-2, 5.000%, 7/01/53			
	Massachusetts Development Finance Agency Revenue Bonds,			
2 245	Lawrence General Hospital Issue, Series 2014A:	7/24 -4 100 00	DD.	2 429 227
2,245	5.250%, 7/01/34 5.500%, 7/01/44	7/24 at 100.00		2,428,237
6,195	5.500%, 7/01/44	7/24 at 100.00	BB+	6,720,584
	Massachusetts Development Finance Agency Revenue Refunding			
2 210	Bonds, NewBridge on the Charles, Inc. Issue, Series 2017:	10/22 at 105.00) DD +	2 460 192
2,310	5.000%, 10/01/47			2,469,182
6,580	5.000%, 10/01/57 Massachusetts Davidenment Finance Agency Resource Resource	10/22 at 105.00	BB+	6,986,907
14555	Massachusetts Development Finance Agency, Resource Recovery	0/19 at 100 00	DD	14 550 902
14,555	Revenue Refunding Bonds, Covanta Energy Project, Series 2012B,	9/18 at 100.00	DD-	14,559,803
	4.875%, 11/01/42			
	Massachusetts Development Finance Agency, Revenue Bonds,			
4,020	Emerson College, Series 2015: 4.500%, 1/01/45	1/25 at 100.00	Dog2	4 122 600
2,950	5.000%, 1/01/45	1/25 at 100.00 1/25 at 100.00		4,132,600 3,167,091
2,930	Massachusetts Development Finance Authority, Revenue Bonds,	1/23 at 100.00	Daaz	3,107,091
6,000	•	-No Opt. Call	AA-	7,966,080
0,000	AMBAC Insured	-No Opt. Can	AA-	7,900,000
	Massachusetts Health and Educational Facilities Authority,			
	Revenue Bonds, Harvard University, Tender Option Bond Trust			
5,330	2016-XL0017, 11.795%, 12/15/34 (Pre-refunded 12/15/19), 144A	12/19 at 100.00) AAA	6,076,786
1,000	(IF) (5) Massachusetts Health and Educational Facilities Authority,	7/20 at 100.00	N/D (A)	1 068 510
1,000	Revenue Bonds, Massachusetts Eye and Ear Infirmary, Series	1120 at 100.00	11/11 (4)	1,000,510
	Revenue Dongs, Massachuseus Eye and Eat Illilliary, Selles			

2010C, 5.375%, 7/01/35 (Pre-refunded 7/01/20)

Massachusetts Health and Educational Facilities Authority,

Revenue Bonds, Massachusetts Institute of Technology, Series

No Opt. Call AAA 9,695,737 2002K, 5.500%, 7/01/32 (UB) (5)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Rating (3)	^S Value
()	Massachusetts (continued) Massachusetts Health and Educational Facilities Authority, Revenue Bonds, Suffolk University, Refunding Series 2009A:			
\$ 770 1,530	5.750%, 7/01/39 5.750%, 7/01/39 (Pre-refunded 7/01/19)	7/19 at 100.00 7/19 at 100.00	Baa2 N/R (4	\$789,135)1,589,211
2,800	Massachusetts Housing Finance Agency, Housing Bonds, Series 2014D, 3.875%, 12/01/39	6/24 at 100.00	AA-	2,821,000
4,560	Massachusetts School Building Authority, Dedicated Sales Tax Revenue Bonds, Senior Series 2013A, 5.000%, 5/15/43 Massachusetts Water Pollution Abatement Trust, Revenue	5/23 at 100.00	Aa2	5,042,858
425	Bonds, MWRA Loan Program, Subordinate Series 1999A, 5.750%, 8/01/29	10/18 at 100.00	AAA	426,547
1,245	Springfield Water and Sewer Commission, Massachusetts, General Revenue Bonds, Refunding Series 2010B, 5.000%, 11/15/30 (Pre-refunded 11/15/20) — AGC Insured	11/20 at 100.00	A3 (4)	1,338,163
107,545	Total Massachusetts Michigan – 2.9% (1.8% of Total Investments) Detroit City School District, Wayne County, Michigan,			117,814,770
5,490	Unlimited Tax School Building and Site Improvement Bonds, Series 2001A, 6.000%, 5/01/29 – AGM Insured (UB) Detroit Water and Sewerage Department, Michigan, Sewage	No Opt. Call	AA	6,506,528
2,985	Disposal System Revenue Bonds, Refunding Senior Lien Series 2012A, 5.250%, 7/01/39 Kalamazoo Hospital Finance Authority, Michigan, Hospital Revenue Refunding Bonds, Bronson Methodist Hospital,	7/22 at 100.00	A-	3,246,158
895	Remarketed Series 2006: 5.250%, 5/15/36 – AGM Insured	5/20 at 100.00	A2	938,014
1,105	5.250%, 5/15/36 (Pre-refunded 5/15/20) – AGM Insured Michigan Finance Authority, Hospital Revenue Bonds, Sparrow Obligated Group, Refunding Series 2015:	5/20 at 100.00	A2 (4)	1,172,891
4,495 2,550	4.000%, 11/15/35 4.000%, 11/15/36 Michigan Finance Authority, Revenue Bonds, Trinity Health	5/25 at 100.00 5/25 at 100.00	A+ A+	4,607,645 2,607,732
10 3,240	Credit Group, Refunding Series 2011MI: 5.000%, 12/01/39 (Pre-refunded 12/01/21) 5.000%, 12/01/39	12/21 at 100.00 12/21 at 100.00	,)10,999 3,529,721
10,000	Michigan Finance Authority, Revenue Bonds, Trinity Health Credit Group, Series 2016MI, 5.000%, 12/01/45 (UB) (5)	6/26 at 100.00	AA- (4)	11,178,900
4,000	Michigan Public Power Agency, AFEC Project Revenue Bonds, Series 2012A, 5.000%, 1/01/43 Michigan State Building Authority, Revenue Bonds, Facilities	1/22 at 100.00	BBB	4,200,560
2,750 8,260	Program, Refunding Series 2011-II-A: 5.375%, 10/15/36 5.375%, 10/15/41 Michigan State Hospital Finance Authority, Hospital Revenue Bonds, Henry Ford Health System, Refunding Series 2009:	10/21 at 100.00 10/21 at 100.00		3,030,170 9,082,613
5,500	5.625%, 11/15/29 (Pre-refunded 11/15/19)	11/19 at 100.00	N/R (4)5,779,840

10,585	5.750%, 11/15/39 (Pre-refunded 11/15/19)	11/19 at 100.00	N/R (4	4)11,140,289
13,855	Michigan State Hospital Finance Authority, Revenue Bonds, Trinity Health Care Group, Series 2009C, 5.000%, 12/01/48	6/22 at 100.00	AA-	14,855,331
27				

Portfo	en AMT-Free Municipal Credit Income Fund (continued) blio of Investments July 31, 2018 adited)			
Principal	idited)			
Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
()	Michigan (continued)			
	Michigan Tobacco Settlement Finance Authority, Tobacco			
\$ 3,050	Settlement Asset-Backed Revenue Bonds, Series 2008A, 6.875%, 6/01/42	9/18 at 100.00	B2	\$3,056,984
	Royal Oak Hospital Finance Authority, Michigan, Hospital			
1,150	Revenue Bonds, William Beaumont Hospital, Refunding Series 2009V, 8.250%, 9/01/39 (Pre-refunded 9/01/18)	9/18 at 100.00	Aaa	1,156,429
	Wayne County Airport Authority, Michigan, Revenue Bonds, Detroit Metropolitan Wayne County Airport, Series 2015D:			
3,550	5.000%, 12/01/40	12/25 at 100.00	Α	3,969,361
3,600	5.000%, 12/01/45	12/25 at 100.00	Α	4,012,812
87,070	Total Michigan			94,082,977
	Minnesota – 0.7% (0.5% of Total Investments)			
	Baytown Township, Minnesota Charter School Lease Revenue			
	Bonds, Saint Croix Preparatory Academy, Refunding Series			
	2016A:			
155	4.000%, 8/01/36	8/26 at 100.00		149,214
440	4.000%, 8/01/41	8/26 at 100.00	BB+	413,486
2 000	Brooklyn Park, Minnesota, Charter School Lease Revenue Bonds,	2/25 / 100 00	DD	2.054.040
2,000	Prairie Seeds Academy Project, Refunding Series 2015A, 5.000%, 3/01/34	3/25 at 100.00	BB+	2,054,040
1,720	Deephaven, Minnesota, Charter School Lease Revenue Bonds, Eagle Ridge Academy Project, Series 2015A, 5.500%, 7/01/50	7/25 at 100.00	BB+	1,824,301
1,410	Minneapolis, Minnesota, Charter School Lease Revenue Bonds, Hiawatha Academies Project, Series 2016A, 5.000%, 7/01/47	7/24 at 102.00	N/R	1,403,528
	Minneapolis, Minnesota, Health Care System Revenue Bonds,			
0.40	Fairview Health Services, Series 2008B:	11/10 100 00		0.50.500
840	6.500%, 11/15/38 (Pre-refunded 11/15/18) — AGC Insured	11/18 at 100.00	` ,	852,533
4,625	6.500%, 11/15/38 – AGC Insured	11/18 at 100.00) A2	4,693,172
1 000	Minneapolis-Saint Paul Housing and Redevelopment Authority,	9/20 at 100 00	4.2	1 045 570
1,000	Minnesota, Health Care Revenue Bonds, Children's Health Care,	8/20 at 100.00	AZ	1,045,570
	Series 2004A-1 Remarketed, 4.625%, 8/15/29 — AGM Insured Saint Cloud, Minnesota, Charter School Lease Revenue Bonds,			
	Stride Academy Project, Series 2016A:			
405	5.000%, 4/01/36	4/26 at 100.00	CCC-	244,612
605	5.000%, 4/01/46	4/26 at 100.00		364,585
002	Saint Paul Housing and Redevelopment Authority, Minnesota,	1,20 at 100.00	000	501,505
2,500	Health Care Facility Revenue Bonds, HealthPartners Obligated	7/25 at 100.00	A2	2,569,925
	Group, Refunding Series 2015A, 4.000%, 7/01/35			• •
	Saint Paul Housing and Redevelopment Authority, Minnesota,			
235	Multifamily Housing Revenue Bonds, 2700 University at	4/23 at 100.00	N/R	237,606
	Westgate Station, Series 2015B, 4.250%, 4/01/25			
	St. Paul Housing and Redevelopment Authority, Minnesota,			
	Hospital Revenue Bonds, HealthEast Inc., Series 2015A:			

900	5.250%, 11/15/35 (Pre-refunded 11/15/20)	11/20 at 100.00 A+ (4)	968,157
2,785	5.000%, 11/15/40 (Pre-refunded 11/15/25)	11/25 at 100.00 A+ (4)	3,278,502
3,190	5.000%, 11/15/44 (Pre-refunded 11/15/25)	11/25 at 100.00 A+ (4)	3,755,268
22,810	Total Minnesota		23,854,499
28			

Principal			_	
Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Mississippi – 0.2% (0.1% of Total Investments)			
\$ 5,445	Mississippi Development Bank, Special Obligation Bonds, Gulfport Water and Sewer System Project, Series 2005, 5.250%,	No Opt. Call	A2	\$
\$ 5, 44 5	7/01/24 – AGM Insured	No Opt. Can	A2	6,094,970
	Missouri – 1.7% (1.1% of Total Investments)			
	Chesterfield Valley Transportation Development District,			
2,820	Missouri, Transportation Sales Tax Revenue Bonds, Series 2015,	5/23 at 100.00	A-	2,804,180
	3.625%, 5/15/31			
	Kansas City Industrial Development Authority, Missouri, Sales			
	Tax Revenue Bonds, Ward Parkway Center Community Improvement District, Senior Refunding & Improvement Series			
	2016:			
400	5.000%, 4/01/36	4/26 at 100.00	N/R	413,344
1,520	5.000%, 4/01/46, 144A		N/R	1,547,010
	Kansas City Municipal Assistance Corporation, Missouri,			
15,000	Leasehold Revenue Bonds, Series 2004B-1, 0.000%, 4/15/28 –	No Opt. Call	A1	10,866,600
	AMBAC Insured			
2 245	Kirkwood Industrial Development Authority, Missouri,	5/27 -+ 100 00	DD	2 5 47 (07
3,345	Retirement Community Revenue Bonds, Aberdeen Heights Project, Refunding Series 2017A, 5.250%, 5/15/50	5/27 at 100.00	вв	3,547,607
	Liberty, Missouri, Special Obligation Tax Increment and Special			
	Districts Bonds, Liberty Commons Project, Series 2015A:			
1,575	5.750%, 6/01/35	6/25 at 100.00	N/R	1,546,571
1,055	6.000%, 6/01/46	6/25 at 100.00	N/R	1,046,433
	Missouri Health and Educational Facilities Authority, Educational			
2,460	Facilities Revenue Bonds, Saint Louis College of Pharmacy,	5/23 at 100.00	BBB	2,637,735
	Series 2013, 5.500%, 5/01/43 Missouri Health and Educational Facilities Authority, Educational			
	Facilities Revenue Bonds, Saint Louis College of Pharmacy,			
	Series 2015B:			
1,410	5.000%, 5/01/40	11/23 at 100.00	BBB	1,491,794
2,000	5.000%, 5/01/45	11/23 at 100.00	BBB	2,110,160
	Missouri Health and Educational Facilities Authority, Health			
7,040	Facilities Revenue Bonds, CoxHealth, Series 2013A, 5.000%,	11/23 at 100.00	A2	7,510,202
	11/15/48 Missouri Haalth and Educational Espilities Authority Haalth			
2,250	Missouri Health and Educational Facilities Authority, Health Facilities Revenue Bonds, Heartland Regional Medical Center,	2/22 at 100.00	Δ1	2,407,680
2,230	Series 2012, 5.000%, 2/15/43	2/22 at 100.00	AI	2,407,000
	Plaza at Noah's Ark Community Improvement District, Saint			
1,010	Charles, Missouri, Tax Increment and Improvement District	5/21 at 100.00	N/R	991,456
	Revenue Bonds, Series 2015, 5.000%, 5/01/30			
	Saint Louis, Missouri, Airport Revenue Bonds, Lambert-St. Louis			-
4,125	International Airport, Series 2005, 5.500%, 7/01/29 – NPFG	No Opt. Call	A-	5,100,315
	Insured Springfield Public Puilding Comparation, Missouri, Loose			
15,350	Springfield Public Building Corporation, Missouri, Lease Revenue Bonds, Jordan Valley Park Projects, Series 2000A,	No Opt. Call	N/R	9,118,668
13,330	0.000%, 6/01/30 – AMBAC Insured	110 Opt. Call	1 1/1	7,110,000

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	St. Louis County Industrial Development Authority, Missouri,		
405	Revenue Bonds, Friendship Village of Sunset Hills, Series 2013	A, 9/23 at 100.00 BBI	B+ 457,443
	5.875%, 9/01/43		
	St. Louis County Industrial Development Authority, Missouri,		
	Revenue Bonds, Saint Andrew's Resources for Seniors, Series		
	2015A:		
1,550	5.000%, 12/01/35	12/25 at 100.00 N/R	1,628,446
455	5.125%, 12/01/45	12/25 at 100.00 N/R	478,360
63,770	Total Missouri		55,704,004
20			

	AMT-Free Municipal Credit Income Fund (continued) o of Investments July 31, 2018			
•	icu)			
Principal		Optional Call	Ratings	* 7 1
Amount	Description (1)	Provisions (2)	(3)	Value
(000)		(-)	(-)	
	Montana – 0.1% (0.1% of Total Investments)			
	Kalispell, Montana, Housing and Healthcare Facilities Revenue			
	Bonds, Immanuel Lutheran Corporation, Series 2017A:			
\$ 1,175	5.250%, 5/15/37	5/25 at 102.00	N/R	\$1,237,416
375	5.250%, 5/15/47	5/25 at 102.00	N/R	392,426
	Montana Facility Finance Authority, Hospital Revenue Bonds,			,
3,000	Benefis Health System Obligated Group, Series 2011A, 5.750%,	1/21 at 100.00	A2 (4)	3,278,640
3,000	1/01/31 (Pre-refunded 1/01/21) – AGM Insured	1/21 dt 100.00	112 (1)	3,270,040
4,550	Total Montana			4,908,482
4,550				4,900,402
	Nebraska – 1.2% (0.7% of Total Investments)			
10,665	Central Plains Energy Project, Nebraska, Gas Project 3 Revenue	No Opt. Call	BBB+	12,690,923
,	Bonds, Refunding Crossover Series 2017A, 5.000%, 9/01/42	1		, ,
4,435	Central Plains Energy Project, Nebraska, Gas Project 3 Revenue	9/22 at 100.00	RRR⊥	4,853,487
7,733	Bonds, Series 2012, 5.000%, 9/01/32	7122 at 100.00	וששש	4,033,407
	Douglas County Hospital Authority 2, Nebraska, Health Facilities			
580	Revenue Bonds, Nebraska Methodist Health System, Refunding	11/25 at 100.00	A-	632,519
	Series 2015, 5.000%, 11/01/45			
	Douglas County Hospital Authority 3, Nebraska, Health Facilities			
	Revenue Bonds, Nebraska Methodist Health System, Refunding			
	Series 2015:			
2,090	4.125%, 11/01/36	11/25 at 100.00	٨	2,137,903
•				
2,325	5.000%, 11/01/48	11/25 at 100.00	A-	2,526,252
	Lincoln County Hospital Authority 1, Nebraska, Hospital			
4,010	Revenue and Refunding Bonds, Great Plains Regional Medical	11/21 at 100.00	A-	4,245,988
	Center Project, Series 2012, 5.000%, 11/01/42			
	Municipal Energy Agency of Nebraska, Power Supply System			
5,000	Revenue and Refunding Bonds, Series 2009A, 5.375%, 4/01/39	4/19 at 100.00	A (4)	5,131,450
	(Pre-refunded 4/01/19) – BHAC Insured			
	Scotts Bluff County Hospital Authority 1, Nebraska, Hospital			
6,000	Revenue Bonds, Regional West Medical Center Project,	2/27 at 100.00	BBB+	6,310,500
0,000	Refunding & Improvement Series 2016A, 5.250%, 2/20/37	2,2, w 100.00	222.	0,210,200
35,105	Total Nebraska			38,529,022
33,103				36,329,022
	Nevada – 1.7% (1.0% of Total Investments)			
5,350	Clark County, Nevada, Airport Revenue Bonds, Subordinate Lien	7/19 at 100.00	Aa3	5,515,796
·	Series 2009C, 5.000%, 7/01/26 – AGM Insured			
	Clark County, Nevada, Passenger Facility Charge Revenue			
	Bonds, Las Vegas-McCarran International Airport, Series 2010A:			
24,020	5.250%, 7/01/39 – AGM Insured	1/20 at 100.00	Aa3	25,192,176
14,515	5.250%, 7/01/42	1/20 at 100.00	A+	15,217,091
	Director of the State of Nevada Department of Business and			
410	Industry, Charter School Lease Revenue Bonds, Somerset	12/25 at 100.00	BB	422,714
	Academy, Series 2018A, 5.000%, 12/15/38			•
1,000	Las Vegas, Neveda, Sales Tax Increment Revenue Bonds,	6/21 at 100.00	N/R	929,290
y -	Symphony Park Tourism Improvement District, Series 2016,	50.00	= =	- ,
	-jj - am			

	4.375%, 6/15/35 Neveda State Director of the Department of Business and			
500	Industry, Charter School Revenue Bonds, Doral Academy of Nevada, Series 2017A, 5.000%, 7/15/37	7/25 at 100.00	BB+	513,270
	North Las Vegas, Nevada, General Obligation Bonds, Wastewater			
1,140	Reclamation System Series 2006, 5.000%, 10/01/25 – NPFG Insured	10/18 at 100.00	BB	1,141,414
	Reno, Nevada, Subordinate Lien Sales Tax Revenue Refunding			
4,000	Bonds, ReTrac-Reno Transporation Rail Access Corridor Project, Series 2018A, 4.000%, 6/01/43	12/28 at 100.00	A3	4,054,000
30				

Principal Amount	Description (1)	Optional Call Provisions (2)	Rating (3)	^S Value
(000)		110 (1510115 (2)	(3)	
	Nevada (continued)			
\$ 5,000	Reno, Nevada, Subordinate Lien Sales Tax Revenue Refunding Capital Appreciation Bonds, ReTrac-Reno Transporation Rail	No Opt. Call	N/R	\$558,250
\$ 5,000	Access Corridor Project, Series 2018C, 0.000%, 7/01/58	No Opt. Call	11/1	\$336,230
	Washoe County, Nevada, Highway Revenue, Motor Vehicle Fuel			
1,100	Tax Bonds, Series 2013, 5.000%, 2/01/38	2/19 at 100.00	A+	1,116,687
57,035	Total Nevada			54,660,688
-,,	New Hampshire – 0.2% (0.1% of Total Investments)			.,,,,,,,,,
	New Hampshire Business Finance Authority, Revenue Bonds,		DDD	
5,000	Elliot Hospital Obligated Group Issue, Series 2009A, 6.125%,	10/19 at 100.00	BBB	5,266,300
	10/01/39 (Pre-refunded 10/01/19)		(4)	
	New Hampshire Health and Education Facilities Authority,			
500	Revenue Bonds, Kendal at Hanover, Series 2016, 5.000%,	10/26 at 100.00	BBB+	536,305
	10/01/40			
5,500	Total New Hampshire			5,802,605
	New Jersey – 6.4% (4.0% of Total Investments)			
	New Jersey Economic Development Authority, School Facilities			
24.210	Construction Bonds, Refunding Series 2016BBB:	10/06 + 100 00	DDD	20 410 060
34,310	5.500%, 6/15/29	12/26 at 100.00		
2,110	5.500%, 6/15/30 New Jersey Economic Development Authority, School Facilities	12/26 at 100.00	BBB+	2,415,422
	Construction Bonds, Series 2005N-1:			
6,835	5.500%, 9/01/24 — AMBAC Insured	No Opt. Call	RRR+	7,794,429
5,000	5.500%, 9/01/28 — NPFG Insured	No Opt. Call		5,899,000
	New Jersey Economic Development Authority, School Facilities	•		
11,975	Construction Bonds, Series 2015WW, 5.250%, 6/15/40	6/25 at 100.00	BBB+	12,947,969
	New Jersey Economic Development Authority, School Facilities			
2,335	Construction Financing Program Bonds, Series 2012K-K, 5.000%,	9/22 at 100.00	BBB+	2,529,856
	3/01/23			
	New Jersey Health Care Facilities Financing Authority, New			
600	Jersey, Revenue Bonds, Saint Peters University Hospital,	7/21 at 100.00	BB+	638,622
	Refunding Series 2011, 6.000%, 7/01/26			
	New Jersey Health Care Facilities Financing Authority, New			
1,500	Jersey, Revenue Bonds, Saint Peters University Hospital, Series	10/18 at 100.00	BB+	1,503,735
	2007, 5.750%, 7/01/37			
2 225	New Jersey Health Care Facilities Financing Authority, Revenue	7/24 at 100 00	Λ.	2,537,017
2,325	Bonds, Barnabas Health, Refunding Series 2014A, 5.000%, 7/01/44	7/24 at 100.00	A+	2,337,017
	New Jersey Transportation Trust Fund Authority, Federal			
	Highway Reimbursement Revenue Notes, Series 2016A-1:			
5,945	5.000%, 6/15/27	6/26 at 100.00	Baa1	6,692,821
4,000	5.000%, 6/15/28	6/26 at 100.00	Baa1	4,482,480
,	New Jersey Transportation Trust Fund Authority, Transportation			, , ,
2,015	System Bonds, Capital Appreciation Series 2010A, 0.000%,	No Opt. Call	BBB+	1,463,212
	12/15/26	•		•
2 150	New Jersey Transportation Trust Fund Authority, Transportation	No Opt Call	DDD :	2 201 027
2,150	System Bonds, Refunding Series 2006A, 5.250%, 12/15/20	No Opt. Call	+ממט	2,301,037

20,000	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Refunding Series 2006C, 0.000%, 12/15/33 – A Insured	GM6 Opt. Call	A-	10,750,600
10,295 31	New Jersey Transportation Trust Fund Authority, Transportation System Bonds, Series 2011B, 5.000%, 6/15/42	6/21 at 100.00	BBB+	10,627,426

Portfol	n AMT-Free Municipal Credit Income Fund (continued) io of Investments July 31, 2018			
(Unauc	iited)			
Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Rating (3)	^S Value
(000)	New Jersey (continued)			
	New Jersey Transportation Trust Fund Authority,			
\$ 20,040	Transportation System Bonds, Series 2014AA, 5.000%, 6/15/44	6/24 at 100.00	BBB+	\$21,174,865
	New Jersey Transportation Trust Fund Authority,			
	Transportation System Bonds, Series 2015AA:			
13,680	4.750%, 6/15/38	6/25 at 100.00	RRR+	14,357,434
5,245	5.250%, 6/15/41	6/25 at 100.00		5,667,852
8,230	5.000%, 6/15/45	6/25 at 100.00		8,740,013
	New Jersey Turnpike Authority, Revenue Bonds, Refunding			
33,200	Series 2005D-1, 5.250%, 1/01/26 – AGM Insured	No Opt. Call	A2	39,329,384
	New Jersey Turnpike Authority, Revenue Bonds, Tender			
	Option Bond Trust 2016-XF1057:			
80	14.129%, 1/01/43 (Pre-refunded 7/01/22) (IF), 144A (5)	7/22 at 100.00	A+(4)	113,909
120	14.129%, 1/01/43 (Pre-refunded 7/01/22) (IF), 144A (5)	7/22 at 100.00	AA-	170,863
120	14.129%, 1/01/45 (FIE-Telulided //01/22) (IF), 144A (5)	7722 at 100.00	(4)	170,803
1,135	Rutgers State University, New Jersey, Revenue Bonds,	5/23 at 100.00	A+	1,259,078
1,133	Refunding Series 2013L, 5.000%, 5/01/43	3/23 at 100.00	<i>1</i> 1 1	1,237,070
	Tobacco Settlement Financing Corporation, New Jersey,			
3,410	Tobacco Settlement Asset-Backed Bonds, Series 2018B,	6/28 at 100.00	BBB	3,661,794
	5.000%, 6/01/46			
	Washington Township Board of Education, Mercer County,			
1,330	New Jersey, General Obligation Bonds, Series 2005, 5.250%,	No Opt. Call	A2	1,550,634
107.065	1/01/26 – AGM Insured			200 020 220
197,865	Total New Jersey			208,020,320
	New York – 5.0% (3.2% of Total Investments)			
7.060	Build NYC Resource Corporation, New York, Revenue Bonds,	0/25 at 100 00	NI/D	7 620 207
7,060	Albert Einstein College of Medicine, Inc., Series 2015, 5.500%, 9/01/45, 144A	9/23 at 100.00	N/R	7,630,307
	Dormitory Authority of the State of New York, Insured			
2,250	Revenue Bonds, Mount Sinai School of Medicine, Series	No Opt. Call	Baa2	2,556,270
2,230	1994A, 5.150%, 7/01/24 — NPFG Insured	No Opt. Can	Daaz	2,330,270
	Dormitory Authority of the State of New York, Revenue Bonds,			
9,700	Columbia University, Series 2017A, 5.000%, 10/01/47 (UB) (5)	No Opt. Call	AAA	12,816,610
	Dormitory Authority of the State of New York, Revenue Bonds,			
4,070	Icahn School of Medicine at Mount Sinai, Refunding Series	7/25 at 100.00	A-	4,478,628
.,070	2015A, 5.000%, 7/01/45	,,		.,.,,,,,,
	Dormitory Authority of the State of New York, Revenue Bonds,			
7,225	Non State Supported Debt, Cornell University, Series 2010A,	7/20 at 100.00	AA	7,643,905
,	5.000%, 7/01/35			, ,
	Dormitory Authority of the State of New York, Revenue Bonds,			
	Orange Regional Medical Center Obligated Group, Series 2015:			
2,700	5.000%, 12/01/40	6/25 at 100.00	BBB-	2,928,663
5,600	5.000%, 12/01/45	6/25 at 100.00		6,056,624
5		2/19 at 100.00	Aa1 (4)5,099

Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, General Purpose, Series 2009A, 5.000%, 2/15/39 (Pre-refunded 2/15/19)

Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, Tender Option Bond Trust 2016-XF0525:

80	11.859%, 2/15/39 (IF), 144A	2/19 at 100.00	Aa1	84,724
1,255	11.859%, 2/15/39 (Pre-refunded 2/15/19) (IF), 144A	2/19 at 100.00	AAA	1,329,108
117	11.869%, 2/15/39 (IF), 144A	2/19 at 100.00	Aa1	123,918
1,880	11.869%, 2/15/39 (Pre-refunded 2/15/19) (IF), 144A	2/19 at 100.00	AAA	1,991,694
32.				

Principal				
Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
,	New York (continued)			
\$ 2,695	Hempstead Town Local Development Corporation, New York, Education Revenue Bonds, The Academy Charter School	2/27 at 100.00	N/R	\$2,534,998
	Project, Series 2017A, 6.240%, 2/01/47 Hempstead Town Local Development Corporation, New York,			
2,965	Education Revenue Bonds, The Academy Charter School Project, Series 2018A, 6.760%, 2/01/48	2/28 at 100.00	N/R	2,973,213
	Hudson Yards Infrastructure Corporation, New York, Revenue			
	Bonds, Senior Fiscal 2012 Series 2011A:			
105	5.250%, 2/15/47 (Pre-refunded 2/15/21)	2/21 at 100.00	Aa3 (4)	114,268
2,295	5.250%, 2/15/47	2/21 at 100.00	AA-	2,464,945
325	5.750%, 2/15/47	2/21 at 100.00	AA-	353,808
525	5.750%, 2/15/47 (Pre-refunded 2/15/21)	2/21 at 100.00	Aa3 (4)	577,831
	Long Island Power Authority, New York, Electric System		, ,	
6,075	Revenue Bonds, Series 2011A, 5.000%, 5/01/36 (Pre-refunded 5/01/21) – AGM Insured	5/21 at 100.00	A- (4)	6,608,993
10,000	Long Island Power Authority, New York, Electric System	9/22 at 100.00	A-	10,935,400
10,000	Revenue Bonds, Series 2012A, 5.000%, 9/01/42	7122 at 100.00	Α-	10,755,400
	Monroe County Industrial Development Corporation, New York,			
4,315	FHA Insured Mortgage Revenue Bonds, Unity Hospital of	2/21 at 100.00	AA	4,685,486
	Rochestor Project, Series 2010, 5.500%, 8/15/40			
	Nassau County Local Economic Assistance Corporation, New			
1,000	York, Revenue Bonds, Catholic Health Services of Long Island	7/24 at 100.00	Baa1	1,096,820
	Obligated Group Project, Series 2014, 5.000%, 7/01/31			
4.600	Nassau County Tobacco Settlement Corporation, New York,	1040 10000	_	4 60 7 240
1,690	Tobacco Settlement Asset-Backed Bonds, Series 2006A-3, 5.000%, 6/01/35	10/18 at 100.00	В-	1,685,319
	New York City Industrial Development Agency, New York,			
4,050	Revenue Bonds, Yankee Stadium Project PILOT, Series 2009A, 7.000%, 3/01/49 – AGC Insured	3/19 at 100.00	A3	4,175,064
11.550	New York City Municipal Water Finance Authority, New York,	6/ 0.5 + 100.00		12.012.014
11,570	Water and Sewer System Second General Resolution Revenue Bonds, Fiscal 2015 Series BB-1, 5.000%, 6/15/46 (UB)	6/25 at 100.00	AA+	12,912,814
75	New York City, New York, General Obligation Bonds, Fiscal Series 2002G, 5.750%, 8/01/18	No Opt. Call	AA	75,000
5	New York City, New York, General Obligation Bonds, Fiscal Series 2005M, 5.000%, 4/01/26 – FGIC Insured	10/18 at 100.00	AA	5,015
20.615	New York Liberty Development Corporation, New York,	11/04 + 100.00	NI/D	20.220.001
28,615	Liberty Revenue Bonds, 3 World Trade Center Project, Class 1	11/24 at 100.00	N/R	30,238,901
	Series 2014, 5.000%, 11/15/44, 144A			
1.5	New York State Housing Finance Agency, Mortgage Revenue	11/10 -+ 100 00	4.2	15 044
15	Refunding Bonds, Housing Project, Series 1996A, 6.125%, 11/01/20 – AGM Insured	11/18 at 100.00	A2	15,044
6,500	New York State Mortgage Agency, Homeowner Mortgage	4/27 at 100.00	Aa1	6,457,815
	Revenue Bonds, Series 211, 3.750%, 10/01/43			
5,655	Onondaga Civic Development Corporation, New York, Revenue	//22 at 100.00	N/R (4)	6,315,391
	Bonds, Saint Joseph's Hospital Health Center Project, Series			

2012, 5.000%, 7/01/42 (Pre-refunded 7/01/22) Port Authority of New York and New Jersey, Special Project	
Bonds, JFK International Air Terminal LLC Project, Eigth Series	
2010:	
8,550 5.500%, 12/01/31 12/20 at 100.00 BBB	9,221,773
3,155 6.000%, 12/01/36 12/20 at 100.00 BBB	3,444,661
10,360 TSASC Inc., New York, Tobacco Asset-Backed Bonds, Series 2006, 5.000%, 6/01/48 6/27 at 100.00 N/R	10,611,955
152,482 Total New York	165,150,064
33	

Portfoli	AMT-Free Municipal Credit Income Fund (continued) o of Investments July 31, 2018			
(Unaud	nea)			
Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
(000)	North Carolina — 0.7% (0.5% of Total Investments) North Carolina Medical Care Commission, Health Care Facilities			
\$ 1,255	Revenue Bonds, Duke University Health System, Series 2009A, 5.000%, 6/01/39 (Pre-refunded 6/01/19)	6/19 at 100.00	Aa2 (4)	\$1,291,834
10,000	North Carolina Medical Care Commission, Health Care Facilities Revenue Bonds, Duke University Health System, Series 2012A, 5.000%, 6/01/42	6/22 at 100.00	AA	10,903,600
	North Carolina Medical Care Commission, Health Care Facilities			
4,715	Revenue Bonds, Vidant Health, Refunding Series 2012A, 5.000%, 6/01/36	6/22 at 100.00	A+	5,076,688
2,150	North Carolina Medical Care Commission, Health Care Facilities Revenue Bonds, WakeMed, Refunding Series 2012A, 5.000%, 10/01/38	10/22 at 100.00	A2	2,357,668
2,150	North Carolina Medical Care Commission, Retirement Facilities First Mortgage Revenue Bonds, Aldersgate United Retirement Community Inc., Refunding Series 2017A, 5.000%, 7/01/47	7/27 at 100.00	N/R	2,296,501
1,690	North Carolina Turnpike Authority, Monroe Expressway Toll Revenue Bonds, Series 2017A, 5.000%, 7/01/54	7/26 at 100.00	BBB-	1,837,064
	Oak Island, North Carolina, Enterprise System Revenue Bonds,			
540	Series 2009, 6.000%, 6/01/34 (Pre-refunded 6/01/19) - AGC Insured	6/19 at 100.00	A2 (4)	560,061
22,500	Total North Carolina			24,323,416
	North Dakota – 1.9% (1.2% of Total Investments)			
	Grand Forks, North Dakota, Health Care System Revenue Bonds,			
	Altru Health System Obligated Group, Series 2012:			
7,000	5.000%, 12/01/29	12/21 at 100.00		7,424,340
3,000	5.000%, 12/01/32	12/21 at 100.00		3,168,210
2,245	5.000%, 12/01/35	12/21 at 100.00	Baa1	2,361,448
	Grand Forks, North Dakota, Health Care System Revenue Bonds,			
4,525	Altru Health System Obligated Group, Series 2017A, 5.000%, 12/01/42	12/27 at 100.00	Baa1	4,966,640
1,000	Grand Forks, North Dakota, Senior Housing & Nursing Facilities Revenue Bonds, Valley Homes and Services Obligated Group,	12/26 at 100.00	N/R	1,003,310
	Series 2017, 5.000%, 12/01/36 Word County Health Core North Delvete Revenue Rende Trinity			
	Ward County Health Care, North Dakota, Revenue Bonds, Trinity Obligated Group, Series 2017C:			
10,000	5.000%, 6/01/38	6/28 at 100.00	BBB-	10,950,400
10,000	5.000%, 6/01/43	6/28 at 100.00	BBB-	11,905,646
17,000	5.000%, 6/01/48	6/28 at 100.00	BBB-	18,470,500
17,000	Williston Parks and Recreation District, North Dakota, Sales Tax	0120 at 100.00	-ממט	10,470,500
	& Gross Revenue Bonds, Series 2012A:			
970	4.000%, 3/01/19	No Opt. Call	В	972,299
1,085	5.000%, 3/01/21	No Opt. Call	В	1,116,953
2,535		9/23 at 100.00	N/R	1,014,000
-				

Edgar Filing: Nuveen AMT-Free Municipal Credit Income Fund - Form N-Q Williston, North Dakota, Multifamily Housing Revenue Bonds, Eagle Crest Apartments LLC Project, Series 2013, 7.750%, 9/01/38 (7) Total North Dakota Ohio - 10.0% (6.3% of Total Investments) Akron, Bath and Copley Joint Township Hospital District, Ohio, Hospital Revenue Bonds, Children's Hospital Medical Center, Improvement & Refunding Series 2012, 5.000%, 11/15/42

Principal		Optional Call Ratings	
Amount (000)	Description (1)	Provisions (2) (3)	Value
	Ohio (continued)		
	Allen County, Ohio, Hospital Facilities Revenue Bonds, Catholic		
* * *	Health Partners, Refunding and Improvement Series 2012A:		**
\$ 2,540	4.000%, 5/01/33	5/22 at 100.00 A2	\$2,573,426
1,930	5.000%, 5/01/33	5/22 at 100.00 A2	2,096,443
3,405	5.000%, 5/01/42	5/22 at 100.00 A2	3,662,043
100.000	Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco	10/10 / 100 00 1/10	4.544.000
100,000	Settlement Asset-Backed Revenue Bonds, Second Subordinate	10/18 at 100.00 N/R	4,544,000
	Capital Appreciation Turbo Term Series 2007C, 0.000%, 6/01/52		
	Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco		
	Settlement Asset-Backed Revenue Bonds, Senior Lien, Series		
42 200	2007A-2:	0/19 at 100 00 Cap1	12 215 975
43,300	5.125%, 6/01/24 5.275%, 6/01/24	9/18 at 100.00 Caa1	43,245,875
16,375	5.375%, 6/01/24 5.875%, 6/01/20	9/18 at 100.00 Caa1	16,375,327
20,820	5.875%, 6/01/30 5.750%, 6/01/34	9/18 at 100.00 Caa1	20,924,100
27,195 2,715	5.750%, 6/01/34 6.000%, 6/01/42	10/18 at 100.00 Caa1 9/18 at 100.00 B-	27,263,259 2,715,027
18,295	5.875%, 6/01/47	9/18 at 100.00 B-	18,452,520
16,293	Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco	9/16 at 100.00 D-	16,432,320
10,000	Settlement Asset-Backed Revenue Bonds, Senior Lien, Series	6/22 at 100.00 Caa1	10,474,600
10,000	2007A-3, 6.250%, 6/01/37	0/22 at 100.00 Caa1	10,474,000
1,000	Butler County Port Authority, Ohio, Revenue Bonds, StoryPoint	1/24 at 104.00 N/R	1,052,890
1,000	Fairfield Project, Senior Series 2017A-1, 6.250%, 1/15/34	1/2+ at 10+.00 1V/K	1,032,070
	Centerville, Ohio Health Care Improvement Revenue Bonds,		
	Graceworks Lutheran Services, Refunding & Improvement Series		
	2017:		
2,750	5.250%, 11/01/37	11/27 at 100.00 N/R	2,938,760
3,200	5.250%, 11/01/47	11/27 at 100.00 N/R	3,377,216
10.000	Chillicothe, Ohio, Hospital Facilities Revenue Bonds, Adena	10/07 . 100 00 4	10.022.000
10,000	Health System Obligated Group Project, Refunding &	12/27 at 100.00 A-	10,022,800
	Improvement Series 2017, 4.000%, 12/01/42		
	Cleveland Heights-University Heights City School District, Ohio,		
2 245	General Obligation Bonds, School Improvement Series 2014:	C/22 -4 100 00 A -2	2 (27 252
3,345	5.000%, 12/01/51	6/23 at 100.00 Aa3	3,637,353
4,965	5.000%, 12/01/51 (Pre-refunded 6/01/23) Franklin County, Ohio, Hospital Revenue Bonds, Nationwide	6/23 at 100.00 N/R (4)	3,030,310
7 970	• • • •	5/22 at 100.00 Aa2	9 461 104
7,870	Children's Hospital Project, Improvement Series 2012A, 5.000%, 11/01/42	3/22 at 100.00 Aa2	8,461,194
	Franklin County, Ohio, Revenue Bonds, Trinity Health Credit		
7,770	Group, Series 2017A, 3.250%, 12/01/42	12/27 at 100.00 AA-	7,049,099
	JobsOhio Beverage System, Ohio, Statewide Liquor Profits		
6,425	Revenue Bonds, Senior Lien Series 2013A, 5.000%, 1/01/38 (UB)	1/23 at 100 00 A a 3	7,055,550
0,723	(5)	1/23 at 100.00 Aa3	1,000,000
35	(0)		

Portfoli	AMT-Free Municipal Credit Income Fund (continued) o of Investments July 31, 2018			
(Unaud	ited)			
Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Rating (3)	^S Value
()	Ohio (continued)			
	JobsOhio Beverage System, Ohio, Statewide Senior Lien Liquor			
	Profits Revenue Bonds, Tender Option Bond Trust 2016-XG0052:			
\$ 390	15.086%, 1/01/38 (IF), 144A (5)	1/23 at 100.00	Aa3	\$541,921
1,750	15.183%, 1/01/38 (IF), 144A (5)	1/23 at 100.00		2,436,560
625	15.191%, 1/01/38 (IF), 144A (5)	1/23 at 100.00		870,338
1,250	15.191%, 1/01/38 (IF), 144A (5)	1/23 at 100.00		1,740,675
1,725	15.191%, 1/01/38 (IF), 144A (5)	1/23 at 100.00		2,402,132
2,000	15.191%, 1/01/38 (IF), 144A (5)	1/23 at 100.00		2,785,080
2,000	Lucas County, Ohio, Hospital Revenue Bonds, ProMedica	1,23 at 100.00	1140	2,702,000
2,885	Healthcare Obligated Group, Series 2011A, 6.000%, 11/15/41	11/21 at 100.00	A+ (4)	3 265 907
2,003	(Pre-refunded 11/15/21)	11,21 at 100.00	711 (1)	3,203,707
	Middletown City School District, Butler County, Ohio, General			
	Obligation Bonds, Refunding Series 2007:			
4,380	5.250%, 12/01/27 – AGM Insured	No Opt. Call	A2	5,145,493
6,000	5.250%, 12/01/31 – AGM Insured	No Opt. Call	A2	7,154,880
0,000	Muskingum County, Ohio, Hospital Facilities Revenue Bonds,	rvo opt. cum	112	7,13 1,000
12,000	Genesis HealthCare System Obligated Group Project, Series 2013,	2/23 at 100.00	Ba2	12,498,120
12,000	5.000%, 2/15/48	2,20 00 100.00		12, 13 0,12 0
	Ohio Air Quality Development Authority, Ohio, Air Quality			
8,500	Development Revenue Bonds, FirstEnergy Generation Corporation	No Opt. Call	N/R	4,717,500
-,	Project, Series 2009A, 5.700%, 8/01/20 (7)	- · · · · · · · · · · · · · · · · · · ·		.,, ,
	Ohio Air Quality Development Authority, Ohio, Pollution Control			
	Revenue Bonds, FirstEnergy Generation Corporation Project,			
1,050	Refunding Series 2009B, 3.100%, 3/01/23 (Mandatory Put 3/01/19)	No Opt. Call	N/R	582,750
	(7)			
	Ohio Air Quality Development Authority, Ohio, Pollution Control			
	Revenue Bonds, FirstEnergy Nuclear Generation Corporation			
2,020	Project, Refunding Series 2010B, 3.750%, 6/01/33 (Mandatory Put	No Opt. Call	N/R	1,121,100
	6/01/20) (7)			
	Ohio Air Quality Development Authority, Ohio, Pollution Control			
1,000	Revenue Bonds, FirstEnergy Nuclear Generation Project,	10/18 at 100.00	N/R	555,000
,	Refunding Series 2006B, 3.125%, 1/01/34 (7)			,
	Ohio Air Quality Development Authority, Ohio, Pollution Control			
20 767	Revenue Bonds, FirstEnergy Nuclear Generation Project,			
20,765	Refunding Series 2009A, 4.375%, 6/01/33 (Mandatory Put	No Opt. Call	N/R	20,038,225
	6/01/22) (7)			
	Ohio Turnpike Commission, Turnpike Revenue Bonds,			
4,975	Infrastructure Project, Junior Lien Series 2013A-1, 5.000%,	2/23 at 100.00	A+	5,411,606
,	2/15/48			-, ,
	Ohio Turnpike Commission, Turnpike Revenue Bonds,			
1,240	Infrastructure Projects, Junior Lien Convertible Series 2013A-3,	2/31 at 100.00	A+	1,206,793
,	0.000%, 2/15/36 (6)			, , ,
1,130		No Opt. Call	N/R	627,150
		-		

	Ohio Water Development Authority, Pollution Control Revenue Refunding Bonds, FirstEnergy Nuclear Generating Corporation Project, Series 2006B, 4.000%, 12/01/33 (Mandatory Put 6/03/19) (7)			
20,405	Ohio Water Development Authority, Pollution Control Revenue Refunding Bonds, FirstEnergy Nuclear Generating Corporation Project, Series 2009A, 4.375%, 6/01/33 (Mandatory Put 6/01/22) (7)	No Opt. Call	N/R	19,690,825
20,480	Ohio Water Development Authority, Pollution Control Revenue Refunding Bonds, FirstEnergy Nuclear Generating Corporation Project, Series 2010B, 4.375%, 6/01/33 (Mandatory Put 6/01/22) (7)	No Opt. Call	N/R	19,763,200
1,610	Ohio Water Development Authority, Pollution Control Revenue Refunding Bonds, FirstEnergy Nuclear Generating Corporation Project, Series 2010C, 4.000%, 6/01/33 (Mandatory Put 6/03/19) (7)	No Opt. Call	N/R	893,550
36				

Principal		Optional Call	Ratings	
Amount (000)	Description (1)	Provisions (2)	(3)	Value
	Ohio (continued)			
	Southeastern Ohio Port Authority, Hosptial Facilities Revenue Bonds, Memorial Health System Obligated Group Project,			
¢ 1 005	Refunding and Improvement Series 2012:	12/22 at 100 00) DD	¢1 170 006
\$ 1,095 870	5.750%, 12/01/32 6.000%, 12/01/42	12/22 at 100.00 12/22 at 100.00		\$1,179,906 937,425
1,615	Toledo Lucas County Port Authority, Ohio, Revenue Bonds,	1/24 at 104.00	N/R	1,686,884
	StoryPoint Waterville Project, Series 2016A-1, 6.125%, 1/15/34 Tuscarawas County Economic Development and Finance			
1,330	Alliance, Ohio, Higher Education Facilities Revenue Bonds, Ashland University, Refunding & Improvement Series 2015,	3/25 at 100.00	N/R	1,352,291
	6.000%, 3/01/45 University of Akron, Ohio, General Receipts Bonds, Federally			
2,000	Taxable Build America Bonds, Series 2010B, 5.000%, 1/01/29 - AGM Insured	- 1/20 at 100.00	A1	2,087,200
421,175	Total Ohio			326,720,370
	Oklahoma – 0.7% (0.5% of Total Investments) Fort Sill Apache Tribe of Oklahoma Economic Development			
1,350	Authority, Gaming Enterprise Revenue Bonds, Fort Sill Apache Casino, Series 2011A, 8.500%, 8/25/26, 144A	8/21 at 100.00	N/R	1,566,189
3,500	Grand River Dam Authority, Oklahoma, Revenue Bonds, Series	6/20 at 100.00	A1 (4)	3,729,460
	2010A, 5.250%, 6/01/40 (Pre-refunded 6/01/20) Oklahoma City Water Utilities Trust, Oklahoma, Water and			
	Sewer Revenue Bonds, Series 2011:			
1,500	5.000%, 7/01/40	7/21 at 100.00	AAA	1,623,195
1,000	5.375%, 7/01/40	7/21 at 100.00	AAA	1,096,840
	Oklahoma Development Finance Authority, Health System Revenue Bonds, OU Medicine Project, Series 2018B:			
2,900	5.250%, 8/15/43	8/28 at 100.00	BB+	3,279,146
5,290	5.500%, 8/15/52	8/28 at 100.00	BB+	6,048,745
3,530	5.500%, 8/15/57	8/28 at 100.00	BB+	4,020,494
2 240	Tulsa County Industrial Authority, Oklahoma, Senior Living	11/25 of 102 00	DDD	2 570 506
2,340	Community Revenue Bonds, Montereau, Inc Project, Refunding Series 2017, 5.250%, 11/15/45	11/25 at 102.00	DDD-	2,578,586
21,410	Total Oklahoma			23,942,655
	Oregon – 0.3% (0.2% of Total Investments)			
	Multnomah County Hospital Facilities Authority, Oregon, Revenue Bonds, Mirabella South Waterfront, Refunding Series			
	2014A:			
1,000	5.400%, 10/01/44	10/24 at 100.00	N/R	1,067,870
800	5.500%, 10/01/49	10/24 at 100.00		856,360
	Oregon Department of Administrative Services, State Lottery Revenue Bonds, Series 2011A:			
555	5.250%, 4/01/31	4/21 at 100.00		602,003
3,445	5.250%, 4/01/31 (Pre-refunded 4/01/21)	4/21 at 100.00		
3,000	Oregon State Department of Transportation, Highway User Tax Revenue Bonds, Senior Lien Series 2009A, 5.000%, 11/15/33	5/19 at 100.00	Aal (4)	3,083,850

(Pre-refunded 5/15/19) Total Oregon

8,800 37

9,364,651

	en AMT-Free Municipal Credit Income Fund (continued)			
	blio of Investments July 31, 2018			
	idited)			
Principal		Optional Call	Ratings	
Amount	Description (1)	Provisions (2)	(3)	Value
(000)		110 (1510115 (2)	(3)	
	Pennsylvania – 7.4% (4.6% of Total Investments)			
	Allegheny Country Industrial Development Authority,			
	Pennsylvania, Environmental Improvement Revenue Bonds, United			
¢ 170	States Steel Corporation Project, Refunding Series 2009:	11/10 -4 100 00) D	¢172 060
\$ 170 195	6.750%, 11/01/24 6.875%, 5/01/30	11/19 at 100.00 11/19 at 100.00		\$173,868 198,333
193	Allegheny County Hospital Development Authority, Pennsylvania,	11/19 at 100.00	JБ	196,333
2,000	Revenue Bonds, University of Pittsburgh Medical Center, Series	8/19 at 100.00	Λ_	2,077,320
2,000	2009A, 5.625%, 8/15/39	6/19 at 100.00	Ат	2,077,320
	Allegheny County Sanitary Authority, Pennsylvania, Sewer			
3,335	Revenue Bonds, Refunding Series 2010, 5.000%, 6/01/40 – AGN	//12/20 at 100 00) A 1	3,538,869
3,333	Insured	7112,20 at 100.00	<i>31</i> 1 1	3,330,007
	Allentown Neighborhood Improvement Zone Development			
2,540	Authority, Pennsylvania, Tax Revenue Bonds, City Center	5/27 at 100.00	Ba1	2,741,346
·	Refunding Project, Series 2017, 5.000%, 5/01/42			
	Beaver County Industrial Development Authority, Pennsylvania,			
1,245	Pollution Control Revenue Bonds, FirstEnergy Nuclear Generation	No Opt. Call	N/R	690,975
1,243	Project, Refunding Series 2005A, 4.000%, 1/01/35 (Mandatory Put	No Opt. Can	11/1	090,973
	7/01/21) (7)			
	Beaver County Industrial Development Authority, Pennsylvania,			
7,750	Pollution Control Revenue Refunding Bonds, FirstEnergy	No Opt. Call	N/R	7,478,750
.,	Generation Project, Series 2008B, 4.250%, 10/01/47 (Mandatory	- · · · · · · · · · · · · · · · · · · ·		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	Put 4/01/21) (7)			
	Beaver County Industrial Development Authority, Pennsylvania,			
	Pollution Control Revenue Refunding Bonds, FirstEnergy Nuclear			
12 225	Generation Project, Series 2006A:	No Ont Coll	NI/D	12 771 775
13,235 3,145	4.375%, 1/01/35 (Mandatory Put 7/01/22) (7) 3.500%, 4/01/41 (Mandatory Put 6/01/20) (7)	No Opt. Call	N/R	12,771,775
3,143	Beaver County Industrial Development Authority, Pennsylvania,	No Opt. Call	IV/K	1,745,475
	Pollution Control Revenue Refunding Bonds, FirstEnergy Nuclear			
1,240	Generation Project, Series 2006B, 3.500%, 12/01/35 (Mandatory	No Opt. Call	N/R	688,200
	Put 6/01/20) (7)			
	Berks County Industrial Development Authority, Pennsylvania,			
10,000	Health System Revenue Bonds, Tower Health Project, Series 2017,	11/27 at 100.00	0A3	11,017,900
-,	5.000%, 11/01/50			, ,
	Bucks County Industrial Development Authority, Pennsylvania,			
	Revenue Bonds, School Lane Charter School Project, Series 2016:			
2,410	5.125%, 3/15/36	3/27 at 100.00	BBB-	2,591,353
6,420	5.125%, 3/15/46	3/27 at 100.00	BBB-	6,835,888
	Chester County Health and Education Facilities Authority,			
	Pennsylvania, Health System Revenue Bonds, Jefferson Health			
	System, Series 2010A:			
1,580	5.000%, 5/15/40	5/20 at 100.00		1,658,431
4,435	5.000%, 5/15/40 (Pre-refunded 5/15/20)	5/20 at 100.00	N/K (4)	4,/00,169

6,500	Commonwealth Financing Authority, Pennsylvania, State Appropriation Lease Bonds, Master Settlement, Series 2018, 4.000%, 6/01/39 — AGM Insured	6/28 at 100.00	A1	6,653,855
1,000	Cumberland County Municipal Authority, Pennsylvaina, Revenue Bonds, Diakon Lutheran Social Ministries Project, Series 2015, 5.000%, 1/01/29	1/25 at 100.00	BBB+	1,102,380
7,665	Dauphin County General Authority, Pennsylvania, Health System Revenue Bonds, Pinnacle Health System Project, Series 2012A, 5.000%, 6/01/42	6/22 at 100.00	A+	8,250,069
8,750	Delaware River Port Authority, New Jersey and Pennsylvania, Revenue Bonds, Series 2010E, 5.000%, 1/01/40 – AGM Insured	1/20 at 100.00	A2	9,128,962
3,000	Dubois Hospital Authority, Pennsylvania, Hospital Revenue Bonds, Penn Highlands Healthcare, Series 2018, 5.000%, 7/15/48	1/28 at 100.00	A-	3,316,230
38				

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
(000)	Pennsylvania (continued)			
\$ 1,250	Lancaster County Hospital Authority, Pennsylvania, Revenue Bonds, Landis Homes Retirement Community Project, Refunding Series 2015A, 5.000%, 7/01/45	7/25 at 100.00	BBB-	\$1,326,363
1,500	Lehigh County Authority, Pennsylvania, Water and Sewer Revenue Bonds, Allentown Concession, Series 2013A, 5.125%, 12/01/47	12/23 at 100.00	A	1,653,555
7,970 5,295	Montgomery County Industrial Development Authority, Pennsylvania, FHA Insured Mortgage Revenue Bonds, New Regional Medical Center Project, Series 2010: 5.250%, 8/01/33 (Pre-refunded 8/01/20) 5.375%, 8/01/38 (Pre-refunded 8/01/20) Montgomery County Industrial Development Authority, Pennsylvania, Health System Revenue Bonds, Albert Einstein Healthcare Network Issue, Series 2015A:	8/20 at 100.00 8/20 at 100.00		
10,450	5.250%, 1/15/45	1/25 at 100.00	RR+	11,149,523
1,200	5.250%, 1/15/46	1/25 at 100.00		1,279,620
1,200	Pennsylvania Economic Development Financing Authority,	1723 at 100.00	DD I	1,277,020
11,810	Exempt Facilities Revenue Refunding Bonds, PPL Energy Supply, LLC Project, Series 2009A, 6.400%, 12/01/38	9/25 at 100.00	B2	12,058,128
13,500	Pennsylvania Turnpike Commission, Oil Franchise Tax Revenue Bonds, Senior Series 2018A, 5.250%, 12/01/44	12/28 at 100.00	Aa3	15,787,980
6,000	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Refunding Series 2018A-2, 5.000%, 12/01/43	12/28 at 100.00	A1	6,779,880
3,705	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Series 2015A-1, 5.000%, 12/01/45	6/25 at 100.00	A+	4,080,057
11,000	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Subordinate Series 2009C, 6.250%, 6/01/33 – AGM Insured	6/26 at 100.00	A2	13,469,280
15,000	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Subordinate Series 2015B-1, 5.000%, 12/01/45	12/25 at 100.00	A3	16,301,400
10,305	Philadelphia Hospitals and Higher Education Facilities Authority, Pennsylvania, Hospital Revenue Bonds, Temple University Health System Obligated Group, Series 2012A, 5.625%, 7/01/42 Philadelphia, Pennsylvania, Airport Revenue Bonds, Series	7/22 at 100.00	Ba1	11,138,262
	2010A:			
5,000	5.000%, 6/15/35 – AGM Insured	6/20 at 100.00		5,257,750
17,850	5.000%, 6/15/40 – AGM Insured	6/20 at 100.00	A2	18,736,609
7.055	Pittsburgh and Allegheny County Sports and Exhibition	0.120 100 00		7 400 040
7,055	Authority, Pennsylvania, Hotel Room Excise Tax Revenue Bonds, Refunding Series 2010, 5.000%, 2/01/35 – AGC Insure Pittsburgh and Allegheny County Sports and Exhibition	8/20 at 100.00 ed	A2	7,423,342
5,180	Authority, Pennsylvania, Sales Tax Revenue Bonds, Refunding Series 2010, 5.000%, 2/01/31 — AGM Insured Scranton, Pennsylvania, Sewer Authority Revenue Bonds, Series 2011A:	8/20 at 100.00	A1	5,468,163
1,125	5.250%, 12/01/31 (Pre-refunded 12/01/21) – AGM Insured	12/21 at 100.00	AA (4)	1,248,356
1,000	5.500%, 12/01/35 (Pre-refunded 12/01/21) — AGM Insured	12/21 at 100.00		

5,790	Susquehanna Area Regional Airport Authority, Pennsylvania, Airport System Revenue Bonds, Series 2012B, 4.000%, 1/01/33	5,829,488
228,600	Total Pennsylvania	241,683,391
	Puerto Rico - 0.7% (0.5% of Total Investments)	
590	Puerto Rico Highway and Transportation Authority, Highway Revenue Bonds, Series 2004J, 5.000%, 7/01/29 - NPFG Insured	590,602
39		

	en AMT-Free Municipal Credit Income Fund (continued)			
	plio of Investments July 31, 2018			
•	udited)			
Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
()	Puerto Rico (continued)			
	Puerto Rico Sales Tax Financing Corporation, Sales Tax Revenue			
	Bonds, Series 2007A:			
\$ 50,000	0.000%, 8/01/47 – AMBAC Insured	No Opt. Call	D	\$10,547,000
86,250	0.000%, 8/01/54 – AMBAC Insured	No Opt. Call	D	12,732,225
136,840	Total Puerto Rico			23,869,827
	Rhode Island – 1.2% (0.7% of Total Investments)			
	Rhode Island Health and Educational Building Corporation,			
1,000	Revenue Bonds, Care New England Health System, Series 2013A, 6.000%, 9/01/33 (Pre-refunded 9/01/23)		BB- (4))1,187,520
292,435	Rhode Island Tobacco Settlement Financing Corporation, Tobacco	10/18 at 100.00	CCC+	36,940,389
	Settlement Asset-Backed Bonds, Series 2007A, 0.000%, 6/01/52			
293,435	Total Rhode Island			38,127,909
	South Carolina – 2.7% (1.7% of Total Investments)			
7,600	Piedmont Municipal Power Agency, South Carolina, Electric Revenue Bonds, Series 2004A-2, 0.000%, 1/01/31 – AMBAC	No Opt. Call	٨	4,862,556
7,000	Insured	No Opt. Can	A-	4,802,330
	Saint Peters Parish/Jasper County Public Facilities Corporation,			
	South Carolina, Installment Purchase Revenue Bonds, County			
3,155	Office Building Projects, Series 2011A, 5.250%, 4/01/44	4/21 at 100.00	A2 (4)	3,438,508
	(Pre-refunded 4/01/21) – AGC Insured			
	South Carolina Jobs-Economic Development Authority, Health			
	Facilities Revenue Bonds, Lutheran Homes of South Carolina Inc.,			
	Refunding Series 2017B:			
1,000	5.000%, 5/01/37	5/23 at 104.00	N/R	1,050,520
750	5.000%, 5/01/42	5/23 at 104.00	N/R	783,990
	South Carolina Jobs-Economic Development Authority, Hospital			
1,250	Revenue Bonds, Palmetto Health, Refunding Series 2011A,	8/21 at 100.00	AA (4)	1,417,925
	6.500%, 8/01/39 (Pre-refunded 8/01/21) – AGM Insured			
•	South Carolina Public Service Authority, Revenue Obligation	1/10 - 100.00		20.244
20	Bonds, Santee Cooper Electric System, Series 2008A, 5.500%,	1/19 at 100.00	A+ (4)	20,344
	1/01/38 (Pre-refunded 1/01/19) South Carolina Public Souther Authority Souther Cooper Possesses			
	South Carolina Public Service Authority, Santee Cooper Revenue Obligations, Refunding & Improvement Series 2015A:			
5,000	5.000%, 12/01/50	6/25 at 100.00	Λ_	5,323,650
34,000	5.000%, 12/01/50 (UB) (5)	6/25 at 100.00		36,200,820
6,000	5.000%, 12/01/55 5.000%, 12/01/55	6/25 at 100.00		6,373,620
	South Carolina Public Service Authority, Santee Cooper Revenue			
5,000	Obligations, Refunding Series 2014C, 5.000%, 12/01/46	12/24 at 100.00)A+	5,317,150
1.210	South Carolina Public Service Authority, Santee Cooper Revenue	10/00 : 100 00	. .	1 202 222
1,310	Obligations, Series 2013A, 5.125%, 12/01/43	12/23 at 100.00)A+	1,392,320
10,285	South Carolina Public Service Authority, Santee Cooper Revenue	6/24 at 100.00	A+	11,213,633
10,250	Obligations, Series 2014A, 5.500%, 12/01/54	4/22 at 100.00	Δ3	11,173,218
10,230		4122 at 100.00	AJ	11,1/3,410

Edgar Filing: Nuveen AMT-Free Municipal Credit Income Fund - Form N-Q Spartanburg Regional Health Services District, Inc., South Carolina, Hosptial Refunding Revenue Bonds, Series 2012A, 5.000%, 4/15/32 85,620 Total South Carolina 88,568,254 South Dakota - 0.3% (0.2% of Total Investments) South Dakota Health and Educational Facilities Authority,

3,765 Revenue Bonds, Regional Health, Refunding Series 2017, 5.000%, 9/27 at 100.00 A1 4,204,074 9/01/40

Principal Amount	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
(000)		Tiovisions (2)	(3)	
	South Dakota (continued)			
	South Dakota Health and Educational Facilities Authority, Reveune			
¢ 250	Bonds, Avera Health, Series 2012A:	7/21 -4 100 00	A 1	\$260,000
\$ 250 4,350	5.000%, 7/01/27 5.000%, 7/01/42	7/21 at 100.00 7/21 at 100.00		\$268,988 4,624,702
8,365	Total South Dakota	7721 at 100.00	AI	9,097,764
0,505	Tennessee – 1.2% (0.7% of Total Investments)			9,097,704
	Chattanooga Health, Educational and Housing Facility Board,			
12,895	Tennessee, Revenue Bonds, Catholic Health Initiatives, Series	1/23 at 100.00	BBB+	13,788,365
,-,-	2013A, 5.250%, 1/01/45	-,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	Chattanooga-Hamilton County Hospital Authority, Tennessee,			
1,850	Hospital Revenue Bonds, Erlanger Health System, Refunding Series 2014A, 5.000%, 10/01/39	10/24 at 100.00	OBaa2	1,983,496
	Greeneville Health and Educational Facilities Board, Tennessee,			
6,010	Hospital Revenue Bonds, Ballad Health, Series 2018A, 4.000%, 7/01/40	7/28 at 100.00	Baa1	6,039,209
	Memphis/Shelby County Economic Development Growth Engine			
2,645	Industrial Development Board, Tennessee, Tax Increment Revenue	7/27 at 100.00	N/R	2,849,432
	Bonds, Graceland Project, Senior Series 2017A, 5.500%, 7/01/37			
	Metropolitan Government of Nashville-Davidson County Health			
3,560	and Educational Facilities Board, Tennessee, Revenue Bonds,	6/27 at 100.00	N/R	3,486,130
•	Knowledge Academy Charter School, Series 2017A, 5.500%,			
	6/15/37, 144A The Health and Educational Escilities Board of the City of Franklin			
10,000	The Health and Educational Facilities Board of the City of Franklin, Tennessee, Revenue Bonds, Provision Cares Proton Therapy	6/27 at 100.00	NI/D	10,655,700
10,000	Center, Nashville Project, Series 2017A, 7.500%, 6/01/47, 144A	0/2/ at 100.00	11/1	10,033,700
36,960	Total Tennessee			38,802,332
20,200	Texas – 12.2% (7.6% of Total Investments)			20,002,002
505	Arlington Higher Education Finance Corporation, Texas, Education	0.001	D.D.	725 507
735	Revenue Bonds, Wayside Schools, Series 2016A, 4.375%, 8/15/36	8/21 at 100.00	BB+	735,507
	Aubrey, Denton County, Texas, Special Assessment Revenue			
3,855	Bonds, Jackson Ridge Public Improvement District Phase 1 Project,	3/23 at 103.00	N/R	3,956,117
	Series 2015, 7.250%, 9/01/45			
	Aubrey, Denton County, Texas, Special Assessment Revenue			
3,450	Bonds, Jackson Ridge Public Improvement District Phases 2-3	3/23 at 103.00	N/R	3,541,425
	Major Improvements Project, Series 2015, 8.250%, 9/01/40			
5,480	Austin, Texas, Electric Utility System Revenue Bonds, Refunding	11/25 at 100.00	OAa3	6,150,368
-,	Series 2015A, 5.000%, 11/15/45 (UB) (5)			-,,
6,685	Bexar County, Texas, Venue Project Revenue Bonds, Refunding	8/19 at 100.00	A-	6,925,794
·	Combined Venue Tax Series 2010, 5.500%, 8/15/49 – AGM Insu	red		
2.500	Board of Managers, Joint Guadalupe County-Seguin City Hospital,	12/25 at 100 00)DD	2 526 600
2,500	Texas, Hospital Mortgage Revenue Bonds, Refunding & Improvement Series 2015, 5.000%, 12/01/45	12/25 at 100.00	JDĎ	2,536,600
	Celina, Texas, Special Assessment Revenue Bonds, Sutton Fields II			
2,410	Public Improvement District Neighborhood Improvement Area 1	3/23 at 103.00	N/R	2,401,300
۵,710	Project, Series 2015, 7.250%, 9/01/45	5125 at 105.00	1 1/1	۵,701,300
4,300	210,001, 501,00 2010, 7120 070, 77017 10	3/23 at 103.00	N/R	4,286,541
.,- 50				,,,

Celina, Texas, Special Assessment Revenue Bonds, Sutton Fields II	
Public Improvement District Neighborhood Improvement Areas 2-5	
Major Improvement Project, Series 2015, 8.250%, 9/01/40	
Celina, Texas, Special Assessment Revenue Bonds, Wells South	
Public Improvement District Neighborhood Improvement Area 1 9/24 at 100.00 N/R	418,596
Project, Series 2015, 6.250%, 9/01/45	

	AMT-Free Municipal Credit Income Fund (continued) of Investments July 31, 2018			
•	ileu)			
Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
,	Texas (continued)			
	Central Texas Regional Mobility Authority, Revenue Bonds, Senior Lien Series 2011:			
\$ 1,500	5.750%, 1/01/31 (Pre-refunded 1/01/21)	1/21 at 100.00	Baa2 (4)\$1,635,600
1,700	6.250%, 1/01/46 (Pre-refunded 1/01/21)	1/21 at 100.00	-)1,873,638
	Central Texas Regional Mobility Authority, Revenue Bonds,			
13,685	Senior Lien, Series 2015A, 5.000%, 1/01/45	7/25 at 100.00	Baa2	14,891,743
	Central Texas Regional Mobility Authority, Revenue Bonds,			
10,375	Senior Lien, Series 2016, 3.375%, 1/01/41	1/26 at 100.00	Baa2	9,222,856
	Clifton Higher Education Finance Corporation, Texas, Education			
1,035	Revenue Bonds, Idea Public Schools, Series 2012, 3.750%,	No Opt. Call	BBB+	1,082,341
-,	8/15/22	- · · · · · · · · · · · · · · · · · · ·		-,,-
	Clifton Higher Education Finance Corporation, Texas, Education			
	Revenue Bonds, Uplift Education Charter School, Series 2013A:			
765	4.350%, 12/01/42	12/22 at 100.00	BBB-	771,877
685	4.400%, 12/01/47	12/22 at 100.00		691,151
	Clifton Higher Education Finance Corporation, Texas, Education			-,
4,000	Revenue Bonds, Uplift Education Charter School, Series 2015A,	6/25 at 100.00	BBB-	4,263,880
,	5.000%, 12/01/45			, ,
	Club Municipal Management District 1, Texas, Special			
	Assessment Revenue Bonds, Improvement Area 1 Project, Series			
	2016:			
765	5.750%, 9/01/28	9/23 at 103.00	N/R	742,218
770	6.500%, 9/01/46	9/23 at 103.00	N/R	732,131
	Dallas-Fort Worth International Airport, Texas, Joint Revenue			
11,735	Bonds, Refunding and Improvement Bonds, Series 2012C,	11/21 at 100.00	A+	12,602,334
•	5.000%, 11/01/45 – AGM Insured			
2.520	Decatur Hospital Authority, Texas, Revenue Bonds, Wise	0/02 / 100 00	NI/D	2 050 700
2,520	Regional Health System, Series 2013A, 6.375%, 9/01/42	9/23 at 100.00	N/R	2,850,700
400	Decatur Hospital Authority, Texas, Revenue Bonds, Wise	0/04 / 100 00	DDD	420, 520
400	Regional Health System, Series 2014A, 5.250%, 9/01/44	9/24 at 100.00	BBB-	428,520
	Fort Bend County Industrial Development Corporation, Texas,			
1,255	Revenue Bonds, NRG Energy Inc. Project, Series 2012A.	11/22 at 100.00	Baa3	1,285,936
	RMKT, 4.750%, 5/01/38			
	Fort Bend County Industrial Development Corporation, Texas,			
8,920	Revenue Bonds, NRG Energy Inc. Project, Series 2012B,	11/22 at 100.00	Baa3	9,125,874
	4.750%, 11/01/42			
	Grand Parkway Transportation Corporation, Texas, System Toll			
	Revenue Bonds, Subordinate Lien Series 2013B:			
20,000	5.250%, 10/01/51	10/23 at 100.00	AA	22,167,400
10,000	5.000%, 4/01/53 (UB)	10/23 at 100.00	AA	10,954,800
	Grand Parkway Transportation Corporation, Texas, System Toll			•
5,470	Revenue Bonds, Tender Option Bond Trust 2015-XF0228,	10/23 at 100.00	AA	7,559,649
	15.158%, 11/01/44, 144A (IF)			
	• •			

4,255	Harris County Cultural Education Facilities Finance Corporation, Texas, Revenue Bonds, Houston Methodist Hospital System, Series 2015, 5.000%, 12/01/45	6/25 at 100.00	AA	4,696,669
1,545	Harris County Metropolitan Transit Authority, Texas, Sales and Use Tax Revenue Bonds, Tender Option Bond Trust 2016-XG0054, 11.785%, 11/01/41, 144A (IF) (5)	11/21 at 100.00	AA+	1,934,757
4,080	Harris County, Texas, General Obligtion Toll Road Revenue Bonds, Tender Option Bond Trust 2015-XF0074, 12.623%, 8/15/32 – AGM Insured, 144A (IF)	No Opt. Call	AAA	7,360,932
6,000	Harris County-Houston Sports Authority, Texas, Revenue Bonds, Capital Appreciation Refunding Senior Lien Series 2014A, 0.000%, 11/15/48	11/31 at 44.13	A2	1,516,380
42				

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Rating (3)	^S Value
\$ 6,000	Texas (continued) Harris County-Houston Sports Authority, Texas, Revenue Bonds, Refunding Senior Lien Series 2014A, 5.000%, 11/15/53 Harris County-Houston Sports Authority, Texas, Revenue Bonds, Third Lien Series 2004A-3:	11/24 at 100.00	A-	\$6,528,300
1,940	0.000%, 11/15/34 (Pre-refunded 11/15/24) - NPFG Insured	11/24 at 55.69	Baa2	924,759
14,055	0.000%, 11/15/34 - NPFG Insured	11/24 at 55.69		6,178,016
5,000	Houston Higher Education Finance Corporation, Texas, Education Revenue Bonds, KIPP, Inc., Refunding Series 2015, 4.000%, 8/15/44 Houston, Texas, Hotel Occupancy Tax and Special Revenue Bonds, Convention and Entertainment Project, Series 2001B:	8/25 at 100.00	AAA	5,123,300
4,130	0.000%, 9/01/26 - AMBAC Insured	No Opt. Call	A2	3,208,225
4,865	0.000%, 9/01/27 — AMBAC Insured	No Opt. Call	A2	3,601,268
4,715	Houston, Texas, Hotel Occupancy Tax and Special Revenue Bonds, Refunding Series 2015, 5.000%, 9/01/40 Houston, Texas, Water and Sewerage System Revenue Bonds,	9/24 at 100.00	A-	5,164,104
17,000	Refunding Junior Lien Series 2002A, 5.750%, 12/01/32 – AGM Insured (ETM)	No Opt. Call	A2 (4)	22,837,800
6,700	Hutto Independent School District, Williamson County, Texas, General Obligation Bonds, Refunding Series 2012A, 5.000%, 8/01/46	8/21 at 100.00	A+	7,172,752
3,500	Irving, Texas, Hotel Occupancy Tax Revenue Bonds, Series 2014B, 5.000%, 8/15/43	8/19 at 100.00	BBB+	3,524,150
940	Kerrville Health Facilities Development Corporation, Texas, Revenue Bonds, Sid Peterson Memorial Hospital Project, Series 2015, 5.000%, 8/15/30	8/25 at 100.00	BBB+	1,029,704
1,000	Lower Colorado River Authority, Texas, Transmission Contract Revenue Bonds, LCRA Transmission Services Corporation Project, Refunding Series 2015, 5.000%, 5/15/45	5/25 at 100.00	A	1,100,640
10,000	Lower Colorado River Authority, Texas, Transmission Contract Revenue Bonds, LCRA Transmission Services Corporation Project, Refunding Series 2018, 5.000%, 5/15/48 McCamey County Hospital District, Texas, General Obligation	5/28 at 100.00	A	11,322,000
	Bonds, Series 2013:			
3,095	5.750%, 12/01/33	12/25 at 100.00	B1	3,253,216
3,125	6.125%, 12/01/38	12/25 at 100.00	B1	3,306,875
1,900 1,785	Montgomery County Toll Road Authority, Texas, Toll Road Revenue Bonds, Senior Lien Series 2018: 5.000%, 9/15/43 5.000%, 9/15/48 New Hope Cultural Education Facilities Finance Corporation, Texas, Retirement Facility Revenue Bonds, Legacy at Willow Bend Project,	9/25 at 100.00 9/25 at 100.00		
2,335	Series 2016: 5.000%, 11/01/46		BBB-	2,435,802

		11/23 at 103.00		
6,015	5.000%, 11/01/51	11/23 at 103.00	BBB-	6,253,495
745	New Hope Cultural Education Facilities Finance Corporation, Texas, Retirement Facility Revenue Bonds, Wesleyan Homes, Inc. Project, Series 2014, 5.500%, 1/01/43	1/25 at 100.00	N/R	795,049
210	New Hope Cultural Education Facilities Finance Corporation, Texas, Student Housing Revenue Bonds, CHF-Collegiate Housing Corpus Christi II, L.L.CTexas A&M University-Corpus Christi Project, Series 2016A, 5.000%, 4/01/48	4/26 at 100.00	Ba2	214,544
4,530	New Hope Cultural Education Facilities Finance Corporation, Texas, Student Housing Revenue Bonds, CHF-Collegiate Housing Foundation - College Station I LLC - Texas A&M University Project, Series 2014A, 4.100%, 4/01/34 – AGM Insured	4/24 at 100.00	A2	4,612,355
43				

	n AMT-Free Municipal Credit Income Fund (continued) lio of Investments July 31, 2018			
•	uneu)			
Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Texas (continued)			
	New Hope Cultural Education Facilities Finance Corporation, Texas,			
	Student Housing Revenue Bonds, CHF-Collegiate Housing			
\$ 820	Foundation - San Antonio 1, L.L.C Texas A&M University - San	4/26 at 100.00	BBB-	\$844,674
	•			
	Antonio Project, Series 2016A, 5.000%, 4/01/48			
	New Hope Cultural Education Facilities Finance Corporation, Texas,			
	Student Housing Revenue Bonds, CHF-Collegiate Housing			
	Foundation - Stephenville II, L.L.C Tarleton State University			
1.000	Project, Series 2014A:	1101 10000		1 072 600
1,000	5.000%, 4/01/34	4/24 at 100.00		1,072,690
2,200	5.000%, 4/01/39	4/24 at 100.00		2,343,660
1,600	5.000%, 4/01/46	4/24 at 100.00	BBB-	1,697,776
	New Hope Cultural Education Facilities Finance Corporation, Texas,			
5,540	Student Housing Revenue Bonds, CHF-Collegiate Housing	4/24 at 100.00	Baa3	5,968,851
3,3 10	Galveston-Texas A&M University at Galveston Project, Series	172 T dt 100.00	Duus	2,700,021
	2014A, 5.000%, 4/01/39			
3,220	North Fort Bend Water Authority, Texas, Water System Revenue	12/21 at	A2	3,486,069
3,220	Bonds, Series 2011, 5.000%, 12/15/36 – AGM Insured	100.00	112	3,400,007
	North Texas Tollway Authority, Special Projects System Revenue			
	Bonds, Convertible Capital Appreciation Series 2011C:			
2,590	0.000%, 9/01/43 (Pre-refunded 9/01/31) (6)	9/31 at 100.00	N/R (4)	2,829,679
3,910	0.000%, 9/01/45 (Pre-refunded 9/01/31) (6)	9/31 at 100.00	N/R (4)	4,675,382
	North Texas Tollway Authority, Special Projects System Revenue			
3,000	Bonds, Series 2011A, 5.500%, 9/01/41 (Pre-refunded 9/01/21) (UB)	9/21 at 100.00	N/R (4)	3,318,780
	(5)			
6 155	North Texas Tollway Authority, System Revenue Bonds, Refunding	1/23 at 100.00	٨	6 705 200
6,155	First Tier, Series 2015B, 5.000%, 1/01/40	1/25 at 100.00	A	6,705,380
2,000	North Texas Tollway Authority, System Revenue Bonds, Refunding	1/25 ~4 100 00		2 219 220
2,000	Second Tier, Series 2015A, 5.000%, 1/01/38	1/25 at 100.00	A-	2,218,220
610	Reagan Hospital District of Reagan County, Texas, Limited Tax	2/24 -4 100 00	D ₂ 2	621 207
610	Revenue Bonds, Series 2014A, 5.125%, 2/01/39	2/24 at 100.00	Ба2	631,387
	Red River Education Finance Corporation, Texas, Higher Education			
1,725	Revenue Bonds, Saint Edward?s University Project, Series 2016,	6/26 at 100.00	Baa2	1,694,485
	4.000%, 6/01/41			
	Tarrant County Cultural Education Facilities Finance Corporation,	11/01		
2,410	Texas, Hospital Revenue Bonds, Baylor Health Care System, Series	11/21 at	AA-	2,602,029
,	2011A, 5.000%, 11/15/30	100.00		, ,
	Tarrant County Cultural Education Facilities Finance Corporation,			
1,870	Texas, Hospital Revenue Bonds, Hendrick Medical Center,	9/23 at 100.00	A	2,039,011
-,	Refunding Series 2013, 5.500%, 9/01/43	.,		_,,
	Tarrant County Cultural Education Facilities Finance Corporation,			
	Texas, Hospital Revenue Bonds, Scott & White Healthcare Project,			
	Series 2010:			
215	5.500%, 8/15/45 (Pre-refunded 8/15/20)	8/20 at 100.00	N/R (4)	231.147
-	,,		- (1)	- ,

2,675	5.500%, 8/15/45 (Pre-refunded 8/15/20)	8/20 at 100.00 AA- (4) 2,881,483
17,640	Tarrant County Cultural Education Facilities Finance Corporation, Texas, Hospital Revenue Bonds, Scott & White Healthcare Project,	5/26 at 100.00 AA-	19,606,684
	Series 2016A, 5.000%, 11/15/45 (UB)		
	Texas City Industrial Development Corporation, Texas, Industrial		
5,715	Development Revenue Bonds, NRG Energy, inc. Project, Fixed Rate Series 2012, 4.125%, 12/01/45	2/25 at 100.00 Baa3	5,572,811
44			

Principal Amount	Description (1)	Optional Call	Ratings	Value
(000)		Provisions (2)	(3)	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	Texas (continued)			
	Texas Municipal Gas Acquisition and Supply Corporation III, Gas			
	Supply Revenue Bonds, Series 2012:			*
\$ 3,635	5.000%, 12/15/22	No Opt. Call	BBB	\$4,034,305
2,500	5.000%, 12/15/26	12/22 at 100.00		2,735,425
2,500	5.000%, 12/15/29 5.000%, 12/15/20	12/22 at 100.00		2,710,700
4,355 2,975	5.000%, 12/15/30 5.000%, 12/15/32	12/22 at 100.00 12/22 at 100.00		4,712,763 3,209,281
2,913	Texas Transportation Commission, Central Texas Turnpike	12/22 at 100.00	מטטי	3,209,201
3,150	System Revenue Bonds, First Tier Refunding Series 2012A,	8/22 at 100.00	Α-	3,381,557
3,130	5.000%, 8/15/41	0/22 at 100.00	7.1	3,301,337
	Texas Transportation Commission, Central Texas Turnpike			
	System Revenue Bonds, First Tier Refunding Series 2015B:			
11,280	0.000%, 8/15/36	8/24 at 59.60	A-	5,274,302
10,000	0.000%, 8/15/37	8/24 at 56.94	A-	4,461,700
	Texas Transportation Commission, Central Texas Turnpike			
.	System Revenue Bonds, Second Tier Refunding Series 2015C:			
5,000	5.000%, 8/15/37	8/24 at 100.00		5,419,000
31,810	5.000%, 8/15/42	8/24 at 100.00	BBB	34,331,579
4,400	Texas Turnpike Authority, Central Texas Turnpike System Revenue Bonds, First Tier Series 2002A, 0.000%, 8/15/25 –	No Opt Call	٨	3,613,104
4,400	AMBAC Insured	No Opt. Call	A-	3,013,104
	Ysleta Independent School District Public Facility Corporation,			
1,840	Texas, Lease Revenue Refunding Bonds, Series 2001, 5.375%,	11/18 at 100.00	AA-	1,860,001
-,	11/15/24 – AMBAC Insured			-,,
393,205	Total Texas			398,087,156
	Virginia – 1.8% (1.2% of Total Investments)			
	Embrey Mill Community Development Authority, Virginia,			
	Special Assessment Revenue Bonds, Series 2015:			
1,200	5.300%, 3/01/35	3/25 at 100.00		1,219,260
1,085	5.600%, 3/01/45	3/25 at 100.00	N/R	1,107,666
11 200	Hampton Roads Transportation Accountability Commission,	1/20 -4 100 00	A A	12 564 040
11,380	Virginia, Hampton Roads Transportation Fund Revenue Bonds, Senior Lien Series 2018A, 5.500%, 7/01/57	1/28 at 100.00	AA	13,564,049
	Metropolitan Washington Airports Authority, Virginia, Dulles			
	Toll Road Revenue Bonds, Dulles Metrorail & Capital			
14,945	Improvement Projects, Refunding Second Senior Lien Series	4/22 at 100.00	BBB+	15,819,731
	2014A, 5.000%, 10/01/53			
	Metropolitan Washington Airports Authority, Virginia, Dulles			
11 000	Toll Road Revenue Bonds, Dulles Metrorail & Capital	10/26 at 100 00	1 1 2	12 950 650
11,000	improvement Projects, Second Senior Lien Series 2009C, 6.500%,	10/26 at 100.00)A3	13,850,650
	10/01/41 – AGC Insured			
	Metropolitan Washington Airports Authority, Virginia, Dulles			
10,000	Toll Road Revenue Bonds, Dulles Metrorail Capital Appreciation,	10/28 at 100.00	BBB+	12,658,300
	Second Senior Lien Series 2010B, 0.000%, 10/01/44 (6)			
	Roanoke Industrial Development Authority, Virginia, Hospital			
	Revenue Bonds, Carilion Health System Obligated Group, Series			

2005B: 15 5.000%, 7/01/38 (Pre-refunded 7/01/20) 7/20 at 100.00 A1 (4) 15,937 985 5.000%, 7/01/38 7/20 at 100.00 A1 1,030,911 45

	n AMT-Free Municipal Credit Income Fund (continued) io of Investments July 31, 2018					
•	med)					
Principal Amount	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value		
(000)						
	Virginia (continued) Virginia College Building Authority, Educational Facilities			\$		
\$ 1,000	Revenue Bonds, Marymount University Project, Green Series 2015B, 5.250%, 7/01/35	7/25 at 100.00	BB+	1,077,950		
51,610	Total Virginia			60,344,454		
	Washington – 2.2% (1.4% of Total Investments)					
	Central Puget Sound Regional Transit Authority, Washington,					
9,665	Sales Tax and Motor Vehicle Excise Tax Bonds, Green Series 2016S-1, 5.000%, 11/01/46 (UB)	No Opt. Call	Aa1	12,501,291		
	Energy Northwest, Washington, Electric Revenue Bonds, Columbia					
5,000	Generating Station, Refunding Series 2015A, 5.000%, 7/01/38	7/25 at 100.00	A A -	5,653,400		
2,000	(UB) (5)	7725 41 100.00	7171	2,022,100		
	FYI Properties, Washington, Lease Revenue Bonds, Washington					
2 750	•	6/19 at 100.00	Λ Λ	3,854,925		
3,750	State Department of Information Services Project, Series 2009,	0/19 at 100.00	AA	3,034,723		
	5.500%, 6/01/39 (UB) (5)					
7.500	King County, Washington, Sewer Revenue Bonds, Tender Option	1/10 / 100 00		7.742.025		
7,500	Bond Trust 2016-XL0009, 8.848%, 1/01/39 (Pre-refunded 1/01/19)	1/19 at 100.00	AAA	7,742,925		
	- AGC Insured, 144A (IF) (5)					
	Washington Health Care Facilities Authority, Revenue Bonds, Fred					
5,750	Hutchinson Cancer Research Center, Series 2011A, 5.625%, 1/01/35	on Cancer Research Center, Series 2011A, 5.625%, 1/21 at 100.00 A3		6,126,453		
	Washington Health Care Facilities Authority, Revenue Bonds,					
1,250	Providence Health & Services, Tender Option Bond Trust	10/24 at 100.00)AA-	1,708,700		
	2015-XF0148, 15.252%, 10/01/44, 144A (IF) (5)					
(540	Washington Health Care Facilities Authority, Revenue Bonds,	10/22 -+ 100 00) A = 2	7 126 512		
6,540	Seattle Children's Hospital, Series 2012A, 5.000%, 10/01/42	10/22 at 100.00	7,136,513			
	Washington State Housing Finance Commission, Non-profit					
	Housing Revenue Bonds, Presbyterian Retirement Communities					
	Northwest Proejct, Refunding Series 2016A:					
5,450	5.000%, 1/01/46	1/25 at 102.00	BB+	5,799,890		
3,650	5.000%, 1/01/51	1/25 at 102.00		3,870,971		
	Weshington State Mater Vahials Fred Toy Congred Obligation					
21,510	Bonds, Series 2002-03C, 0.000%, 6/01/28 – NPFG Insured (UB)	No Opt. Call	AA+	16,144,976		
70,065	Total Washington	(-)		70,540,044		
,	West Virginia – 1.8% (1.1% of Total Investments)			, , .		
	Monongalia County Commission, West Virginia, Special District					
	Excise Tax Revenue, University Town Centre Economic					
1,900	Opportunity Development District, Refunding & Improvement	6/27 at 100.00	N/R	1,964,277		
	Series 2017A, 5.500%, 6/01/37					
	West Virginia Economic Development Authority, State Lottery					
10,000	Revenue Bonds, Series 2010A, 5.000%, 6/15/40 (Pre-refunded	6/20 at 100.00	Δ1 (Δ)	10,614,000		
10,000	6/15/20)	0/20 at 100.00	A1 (4)	10,014,000		
40.855		6/23 at 100.00	٨	14 012 710		
40,855	West Virginia Hospital Finance Authority, Hospital Revenue	0123 at 100.00	Λ	44,912,719		
	Bonds, West Virginia United Health System Obligated Group,					

Refunding & Improvement Series 2013A, 5.500%, 6/01/44					
Total West Virginia					
Wisconsin – 4.3% (2.7% of Total Investments)					
Public Finance Authority of Wisconsin, Charter School Revenue					
Bonds, Cornerstone Charter Academy, North Carolina, Series					
2016A:					
5.000%, 2/01/36	2/26 at 100.00	N/R	1,736,350		
5.125%, 2/01/46	2/26 at 100.00	N/R	296,030		
Public Finance Authority of Wisconsin, Charter School Revenue					
Bonds, Corvian Community School Bonds, North Carolina, Series	6/24 at 100.00	N/R	503,370		
2017A, 5.125%, 6/15/47					
	Total West Virginia Wisconsin – 4.3% (2.7% of Total Investments) Public Finance Authority of Wisconsin, Charter School Revenue Bonds, Cornerstone Charter Academy, North Carolina, Series 2016A: 5.000%, 2/01/36 5.125%, 2/01/46 Public Finance Authority of Wisconsin, Charter School Revenue Bonds, Corvian Community School Bonds, North Carolina, Series	Total West Virginia Wisconsin - 4.3% (2.7% of Total Investments) Public Finance Authority of Wisconsin, Charter School Revenue Bonds, Cornerstone Charter Academy, North Carolina, Series 2016A: 5.000%, 2/01/36 2/26 at 100.00 5.125%, 2/01/46 2/26 at 100.00 Public Finance Authority of Wisconsin, Charter School Revenue Bonds, Corvian Community School Bonds, North Carolina, Series 6/24 at 100.00	Total West Virginia Wisconsin - 4.3% (2.7% of Total Investments) Public Finance Authority of Wisconsin, Charter School Revenue Bonds, Cornerstone Charter Academy, North Carolina, Series 2016A: 5.000%, 2/01/36 2/26 at 100.00 N/R 5.125%, 2/01/46 2/26 at 100.00 N/R Public Finance Authority of Wisconsin, Charter School Revenue Bonds, Corvian Community School Bonds, North Carolina, Series 6/24 at 100.00 N/R		

Description (1) Description (1) Description (1) Description (1) Description (1) Optional Call Provisions (2) Optional Call Provisional Call	Principal		Ontional Call	Dotings		
Public Finance Authority of Wisconsin, Charter School Revenue		Description (1)	_		Value	
S 1,480 Bonds, Envision Science Academy Project, Series 2016A, 5/26 at 100.00 N/R \$1,435,422		Wisconsin (continued)				
5.125%		·				
Public Finance Authority of Wisconsin, Charter School, North Carolina, Series 6/24 at 100.00 N/R 5,846,520 2017A, 5,625%, 6/15/37 Public Finance Authority of Wisconsin, Charter School Revenue Bonds, Uwharrie Charter Academy, North Carolina, Series 2017A: 5,625%, 6/15/37 Public Finance Authority of Wisconsin, Charter School Revenue Bonds, Uwharrie Charter Academy, North Carolina, Series 2017A: 6/27 at 100.00 N/R 965,230 1,790 5,625%, 6/15/47 Public Finance Authority of Wisconsin, Limited Obligation PILOT Revenue Bonds, American Dream @ Meadowlands Project, Series 2017. N00%, 12/01/50, 144A Public Finance Authority of Wisconsin, Revenue Bonds, Alabama Proton Therapy Center, Senior Series 2017A, 7.000%, 10/27 at 100.00 N/R 1,703,179 10/01/47, 144A Public Finance Authority of Wisconsin, Revenue Bonds, Prime Healthcare Foundation, Inc., Series 2017A:	\$ 1,480		5/26 at 100.00	N/R	\$1,435,422	
Bonds, Phoenix Academy Charter School, North Carolina, Series 6/24 at 100.00 N/R 5.846,520 2017A, 5.625%, 6/15/37 Public Finance Authority of Wisconsin, Charter School Revenue Bonds, Uwharrie Charter Academy, North Carolina, Series 2017A:		·				
2017A, 5,625%, 6/15/37	6.000		6/24 at 100 00	NI/D	5 846 520	
Bonds, Uwharrie Charter Academy, North Carolina, Series 2017A:	0,000	2017A, 5.625%, 6/15/37	0/24 at 100.00	IN/K	3,640,320	
2017A:						
1,000 5.500%, 6/15/37 6/27 at 100.00 N/R 965,230 1,790 5.625%, 6/15/47 6/27 at 100.00 N/R 1,710,076 Public Finance Authority of Wisconsin, Limited Obligation 12/27 at 100.00 N/R 4,0336,920 35,100 PILOT Revenue Bonds, American Dream @ Meadowlands Project, Series 2017, 7.000%, 12/01/50, 144A 12/27 at 100.00 N/R 40,336,920 1,700 Alabama Proton Therapy Center, Senior Series 2017A, 7.000%, 10/01/47, 144A Public Finance Authority of Wisconsin, Revenue Bonds, Prime Healthcare Foundation, Inc., Series 2017A: No Opt. Call BBB 1,909,257 1,815 5.000%, 12/01/37 No Opt. Call BBB 1,915,061 4,050 5.000%, 12/01/37 No Opt. Call BBB 1,915,061 4,050 5.000%, 6/15/38, 144A 6/26 at 100.00 BBB 1,672,713 4,050 5.000%, 6/15/38, 144A 6/26 at 100.00 BBB 1,672,713 1,000 Bonds, Celanese Project, Refunding Series 2016C, 4.050%, 1/10/130 8/24 at 103.00 N/R 1,030,690 8,460 Bonds, American Baptist Homes of the Midwest Obligated Group, Refunding Series 2017, 5.000%, 8/01/37 7/21 at 100.00 Aa3 9,143,653 <		· · · · · · · · · · · · · · · · · · ·				
1,790	4.000				067.000	
Public Finance Authority of Wisconsin, Limited Obligation PILOT Revenue Bonds, American Dream @ Meadowlands 12/27 at 100.00 N/R 40,336,920 Project, Series 2017, 7.000%, 120/10/50, 144A Public Finance Authority of Wisconsin, Revenue Bonds, 10/27 at 100.00 N/R 1,703,179 10/01/47, 144A Public Finance Authority of Wisconsin, Revenue Bonds, Prime Healthcare Foundation, Inc., Series 2017A: No Opt. Call BBB 1,909,257 1,815 5.200%, 12/01/27 12/27 at 100.00 BBB 1,915,061 Public Finance Authority, Wisconsin, Educational Revenue Bonds, Lake Norman Charter School, Series 2018A: 4,050 5.000%, 6/15/38, 144A 6/26 at 100.00 BBB 1,672,713 1,703,179 1,703,	-	·				
PILOT Revenue Bonds, American Dream @ Meadowlands Project, Series 2017, 7.000%, 12/01/50, 144A Public Finance Authority of Wisconsin, Revenue Bonds, 1,700 Alabama Proton Therapy Center, Senior Series 2017A, 7.000%, 10/27 at 100.00 N/R 1,703,179 10/01/47, 144A Public Finance Authority of Wisconsin, Revenue Bonds, Prime Healthcare Foundation, Inc., Series 2017A:	1,/90		6/2/ at 100.00	N/K	1,/10,0/6	
Project, Series 2017, 7.000%, 12/01/50, 144A	25 100	·	12/27 at 100 00	NI/D	40 226 020	
1,700	33,100	·	12/27 at 100.00	N/K	40,550,920	
1,700 Alabama Proton Therapy Center, Senior Series 2017A, 7.000%, 10/07/47, 144A 1/070/147, 144A 1,703,179 1,830 5.000%, 12/01/27 No Opt. Call BBB- 1,909,257 1,815 5.200%, 12/01/37 12/27 at 100.00 BBB- 1,915,061 Public Finance Authority, Wisconsin, Educational Revenue Bonds, Lake Norman Charter School, Series 2018A: 6/26 at 100.00 BBB- 1,915,061 4,050 5.000%, 6/15/38, 144A 6/26 at 100.00 BBB- 4,332,204 1,575 5.000%, 6/15/48, 144A 6/26 at 100.00 BBB- 1,672,713 2,500 Bonds, Celanese Project, Refunding Series 2016C, 4.050%, 11/01/30 5/26 at 100.00 BBB- 2,543,175 1,000 Bonds, American Baptist Homes of the Midwest Obligated Group, Refunding Series 2017, 5.000%, 8/01/37 8/24 at 103.00 N/R 1,030,690 8,460 Bonds, Aurora Health Care, Inc., Series 2012A, 5.000%, 7/15/25 7/21 at 100.00 Aa3 9,143,653 2,500 Bonds, Aurora Health Care, Inc., Series 2013A, 5.125%, 4/15/31 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Health Care, Inc., Series 2013A, 5.125%, 4/15/31 4/23 at 100.00 Aa3 9,143,653 4,602 Bonds, Froedtert Health Inc. Obligated Group, Series 2012A, 5.000%, 4/01/42 10/22 at 100.00 A- 7,096,839<		· ·				
10/01/47, 144A	1 700		10/27 at 100 00	N/R	1 703 179	
Public Finance Authority of Wisconsin, Revenue Bonds, Prime Healthcare Foundation, Inc., Series 2017A: 1,830 5.000%, 12/01/27 12/27 at 100.00 BBB 1,909,257 1,815 5.200%, 12/01/37 12/27 at 100.00 BBB 1,915,061 Public Finance Authority, Wisconsin, Educational Revenue Bonds, Lake Norman Charter School, Series 2018A: 4,050 5.000%, 6/15/38, 144A 6/26 at 100.00 BBB 4,332,204 1,575 5.000%, 6/15/48, 144A 6/26 at 100.00 BBB 1,672,713 Public Finance Authority, Wisconsin, Exempt Facilities Revenue Public Finance Authority, Wisconsin, Exempt Facilities Revenue Public Finance Authority, Wisconsin, Exempt Facilities Revenue Bonds, Celanese Project, Refunding Series 2016C, 4.050%, 11/01/30 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, American Baptist Homes of the Midwest Obligated Group, Refunding Series 2017, 5.000%, 8/01/37 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Health Care, Inc., Series 2012A, 5.000%, 7/15/25 4/23 at 100.00 Aa3 9,143,653 4/23 at 100.00 Aa3 2,707,325 4/23 at 100.00 Aa4 4/23 at 100.00 Aa5 5.000%, 4/01/42 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Marshfield Clinic, Series 2012B: 4/20 at 100.00 Aa4 7,096,839 4.500%, 2/15/40 2/22 at 100.00 Aa4 7,096,839 4.500%, 2/15/40 2/22 at 100.00 Aa4 3,625,098 4.500%, 2/15/40 4.500%, 2/	1,700	- ·	10/2/ 40 100.00	1,71	1,700,179	
Healthcare Foundation, İnc., Series 2017A: 1,830						
1,830 5.000%, 12/01/27 No Opt. Call BBB- 1,909,257 1,815 5.200%, 12/01/37 12/27 at 100.00 BBB- 1,915,061 Public Finance Authority, Wisconsin, Educational Revenue Bonds, Lake Norman Charter School, Series 2018A: 6/26 at 100.00 BBB- 4,332,204 4,050 5.000%, 6/15/38, 144A 6/26 at 100.00 BBB- 4,332,204 1,575 5.000%, 6/15/48, 144A 6/26 at 100.00 BBB- 1,672,713 Public Finance Authority, Wisconsin, Exempt Facilities Revenue 5/26 at 100.00 BBB- 1,672,713 2,500 Bonds, Celanese Project, Refunding Series 2016C, 4.050%, 11/01/30 5/26 at 100.00 BBB- 2,543,175 1,000 Bonds, American Baptist Homes of the Midwest Obligated Group, Refunding Series 2017, 5.000%, 8/01/37 8/24 at 103.00 N/R 1,030,690 8,460 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Health Care, Inc., Series 2012A, 5.000%, 7/15/25 7/21 at 100.00 Aa3 9,143,653 2,500 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Health Care, Inc., Series 2013A, 5.125%, 4/15/31 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Marshfield Clinic, Series 2012B: 10/22 at 100.00 Aa- 7,096,839 3,490 4,500%, 2/15/40 2/22 at 100.00 A- 1,579,298 Wisconsin He						
Public Finance Authority, Wisconsin, Educational Revenue Bonds, Lake Norman Charter School, Series 2018A: 4,050	1,830		No Opt. Call	BBB-	1,909,257	
Bonds, Lake Norman Charter School, Series 2018A: 4,050	1,815	5.200%, 12/01/37	12/27 at 100.00	BBB-	1,915,061	
4,050 5.000%, 6/15/38, 144A 6/26 at 100.00 BBB- 4,332,204 1,575 5.000%, 6/15/48, 144A 6/26 at 100.00 BBB- 1,672,713 2,500 Bonds, Celanese Project, Refunding Series 2016C, 4.050%, 1/101/30 5/26 at 100.00 BBB- 2,543,175 1,000 Bonds, American Baptist Homes of the Midwest Obligated Group, Refunding Series 2017, 5.000%, 8/01/37 8/24 at 103.00 N/R 1,030,690 8,460 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Health Care, Inc., Series 2012A, 5.000%, 7/15/25 7/21 at 100.00 Aa3 9,143,653 2,500 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Health Care, Inc., Series 2013A, 5.125%, 4/15/31 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Froedtert Health Inc. Obligated Group, Series 2012A, 5.000%, 4/01/42 4/23 at 100.00 Aa3 2,707,325 3,490 4,500%, 2/15/40 2/22 at 100.00 A- 3,625,098 1,485 5.000%, 2/15/40 2/22 at 100.00 A- 1,579,298 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Mercy Alliance, Inc., Series 2012: 6/22 at 100.00 A- 1,579,298		Public Finance Authority, Wisconsin, Educational Revenue				
1,575 5.000%, 6/15/48, 144A 6/26 at 100.00 BBB- 1,672,713 2,500 Bonds, Celanese Project, Refunding Series 2016C, 4.050%, 11/01/30 5/26 at 100.00 BBB- 2,543,175 1,000 Bonds, American Baptist Homes of the Midwest Obligated Group, Refunding Series 2017, 5.000%, 8/01/37 8/24 at 103.00 N/R 1,030,690 8,460 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Health Care, Inc., Series 2012A, 5.000%, 7/15/25 7/21 at 100.00 Aa3 9,143,653 2,500 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Froedtert Health Inc. Obligated Group, Series 2012A, 5.000%, 4/01/42 4/23 at 100.00 Aa3 2,707,325 3,490 4.500%, 2/15/40 10/22 at 100.00 AA- 7,096,839 3,490 4.500%, 2/15/40 2/22 at 100.00 A- 1,579,298 4,485 5.000%, 2/15/40 2/22 at 100.00 A- 1,579,298 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Mercy Alliance, Inc., Series 2012: 6/22 at 100.00 A3 11,802,450						
Public Finance Authority, Wisconsin, Exempt Facilities Revenue	-					
2,500 Bonds, Celanese Project, Refunding Series 2016C, 4.050%, 11/01/30 Wisconsin Health and Educational Facilities Authority, Revenue 1,000 Bonds, American Baptist Homes of the Midwest Obligated Group, Refunding Series 2017, 5.000%, 8/01/37 8,460 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Health Care, Inc., Series 2012A, 5.000%, 7/15/25 2,500 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Health Care, Inc., Series 2013A, 5.125%, 4/15/31 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Froedtert Health Inc. Obligated Group, Series 2012A, 5.000%, 4/01/42 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Marshfield Clinic, Series 2012B: 3,490 4.500%, 2/15/40 2/22 at 100.00 A- 3,625,098 2/15/40 2/22 at 100.00 A- 1,579,298 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Marshfield Clinic, Series 2012: 11,000 5.000%, 6/01/32 6/22 at 100.00 A3 11,802,450	1,575		6/26 at 100.00	BBB-	1,672,713	
11/01/30 Wisconsin Health and Educational Facilities Authority, Revenue 1,000 Bonds, American Baptist Homes of the Midwest Obligated Group, Refunding Series 2017, 5.000%, 8/01/37 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Health Care, Inc., Series 2012A, 5.000%, 7/15/25 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Health Care, Inc., Series 2013A, 5.125%, 4/15/31 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Froedtert Health Inc. Obligated Group, Series 2012A, 5.000%, 4/01/42 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Marshfield Clinic, Series 2012B: 3,490 4.500%, 2/15/40 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Mercy Alliance, Inc., Series 2012: 11,000 5.000%, 6/01/32 6/22 at 100.00 A3 11,802,450	2.500	•	<i>5/06</i> + 100 00	DDD	0.540.175	
1,000 Bonds, American Baptist Homes of the Midwest Obligated Group, Refunding Series 2017, 5.000%, 8/01/37 8/24 at 103.00 N/R 1,030,690 8,460 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Health Care, Inc., Series 2012A, 5.000%, 7/15/25 7/21 at 100.00 Aa3 9,143,653 2,500 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Health Care, Inc., Series 2013A, 5.125%, 4/15/31 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Froedtert Health Inc. Obligated Group, Series 2012A, 5.000%, 4/01/42 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Marshfield Clinic, Series 2012B: 10/22 at 100.00 AA- 7,096,839 3,490 4.500%, 2/15/40 2/22 at 100.00 A- 3,625,098 1,485 5.000%, 2/15/40 2/22 at 100.00 A- 1,579,298 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Mercy Alliance, Inc., Series 2012: 6/22 at 100.00 A3 11,802,450	2,500	11/01/30	5/26 at 100.00	ввв-	2,543,175	
Group, Refunding Series 2017, 5.000%, 8/01/37 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Health Care, Inc., Series 2012A, 5.000%, 7/15/25 2,500 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Health Care, Inc., Series 2013A, 5.125%, 4/15/31 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Froedtert Health Inc. Obligated Group, Series 2012A, 5.000%, 4/01/42 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Marshfield Clinic, Series 2012B: 3,490 4.500%, 2/15/40 2/22 at 100.00 A- 3,625,098 1,485 5.000%, 2/15/40 2/22 at 100.00 A- 1,579,298 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Mercy Alliance, Inc., Series 2012: 11,000 5.000%, 6/01/32 6/22 at 100.00 A3 11,802,450	1.000	•	0.004		1 020 600	
8,460 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Health Care, Inc., Series 2012A, 5.000%, 7/15/25 2,500 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Health Care, Inc., Series 2013A, 5.125%, 4/15/31 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Froedtert Health Inc. Obligated Group, Series 2012A, 5.000%, 4/01/42 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Marshfield Clinic, Series 2012B: 3,490 4.500%, 2/15/40 2/22 at 100.00 A- 3,625,098 1,485 5.000%, 2/15/40 2/22 at 100.00 A- 1,579,298 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Mercy Alliance, Inc., Series 2012: 11,000 5.000%, 6/01/32 6/22 at 100.00 A3 11,802,450	1,000		8/24 at 103.00	N/R	1,030,690	
Bonds, Aurora Health Care, Inc., Series 2012A, 5.000%, 7/15/25 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Health Care, Inc., Series 2013A, 5.125%, 4/15/31 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Froedtert Health Inc. Obligated Group, Series 2012A, 5.000%, 4/01/42 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Marshfield Clinic, Series 2012B: 3,490 4.500%, 2/15/40 2/22 at 100.00 A-3,625,098 1,485 5.000%, 2/15/40 2/22 at 100.00 A-3,625,098 2/22 at 100.00 A-1,579,298 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Mercy Alliance, Inc., Series 2012: 11,000 5.000%, 6/01/32 6/22 at 100.00 A3 11,802,450						
2,500 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Health Care, Inc., Series 2013A, 5.125%, 4/15/31 Wisconsin Health and Educational Facilities Authority, Revenue 6,620 Bonds, Froedtert Health Inc. Obligated Group, Series 2012A, 5.000%, 4/01/42 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Marshfield Clinic, Series 2012B: 3,490 4.500%, 2/15/40 2/22 at 100.00 A- 3,625,098 1,485 5.000%, 2/15/40 2/22 at 100.00 A- 1,579,298 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Mercy Alliance, Inc., Series 2012: 11,000 5.000%, 6/01/32 6/22 at 100.00 A3 11,802,450	8,460	•	7/21 at 100.00	Aa3	9,143,653	
Bonds, Aurora Health Care, Inc., Series 2013A, 5.125%, 4/15/31 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Froedtert Health Inc. Obligated Group, Series 2012A, 5.000%, 4/01/42 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Marshfield Clinic, Series 2012B: 3,490 4.500%, 2/15/40 2/22 at 100.00 A- 3,625,098 1,485 5.000%, 2/15/40 2/22 at 100.00 A- 1,579,298 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Mercy Alliance, Inc., Series 2012: 11,000 5.000%, 6/01/32 6/22 at 100.00 A3 11,802,450						
Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Froedtert Health Inc. Obligated Group, Series 2012A, 5.000%, 4/01/42 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Marshfield Clinic, Series 2012B: 3,490 4.500%, 2/15/40 2/22 at 100.00 A- 3,625,098 1,485 5.000%, 2/15/40 2/22 at 100.00 A- 1,579,298 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Mercy Alliance, Inc., Series 2012: 11,000 5.000%, 6/01/32 6/22 at 100.00 A3 11,802,450	2,500	•	4/23 at 100.00	Aa3	2,707,325	
6,620 Bonds, Froedtert Health Inc. Obligated Group, Series 2012A, 5.000%, 4/01/42 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Marshfield Clinic, Series 2012B: 3,490 4.500%, 2/15/40 2/22 at 100.00 A- 3,625,098 5.000%, 2/15/40 2/22 at 100.00 A- 1,579,298 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Mercy Alliance, Inc., Series 2012: 11,000 5.000%, 6/01/32 6/22 at 100.00 A3 11,802,450						
5.000%, 4/01/42 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Marshfield Clinic, Series 2012B: 3,490 4.500%, 2/15/40 2/22 at 100.00 A-3,625,098 1,485 5.000%, 2/15/40 2/22 at 100.00 A-1,579,298 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Mercy Alliance, Inc., Series 2012: 11,000 5.000%, 6/01/32 6/22 at 100.00 A3 11,802,450	6.620	· · · · · · · · · · · · · · · · · · ·	10/22 at 100.00	AA-	7.096.839	
Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Marshfield Clinic, Series 2012B: 3,490	0,020		10,22 00 100.00		,,0,0,0,00	
Bonds, Marshfield Clinic, Series 2012B: 3,490						
3,490 4.500%, 2/15/40 2/22 at 100.00 A- 3,625,098 1,485 5.000%, 2/15/40 2/22 at 100.00 A- 1,579,298 Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Mercy Alliance, Inc., Series 2012: 11,000 5.000%, 6/01/32 6/22 at 100.00 A3 11,802,450		· · · · · · · · · · · · · · · · · · ·				
Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Mercy Alliance, Inc., Series 2012: 11,000 5.000%, 6/01/32 6/22 at 100.00 A3 11,802,450	3,490		2/22 at 100.00	A-	3,625,098	
Bonds, Mercy Alliance, Inc., Series 2012: 11,000 5.000%, 6/01/32 6/22 at 100.00 A3 11,802,450	1,485	5.000%, 2/15/40	2/22 at 100.00	A-	1,579,298	
11,000 5.000%, 6/01/32 6/22 at 100.00 A3 11,802,450		Wisconsin Health and Educational Facilities Authority, Revenue				
		· · · · · · · · · · · · · · · · · · ·				
1,500 5.000%, 6/01/39 6/22 at 100.00 A3 1,591,545	-					
	1,500	5.000%, 6/01/39	6/22 at 100.00	A3	1,591,545	

	Wisconsin Health and Educational Facilities Authority, Revenue			
1,250	Bonds, Meriter Hospital, Inc., Series 2011A, 5.750%, 5/01/35	5/21 at 100.00	N/R (4)	1,380,313
	(Pre-refunded 5/01/21)			
	Wisconsin Health and Educational Facilities Authority, Revenue			
5,000	Bonds, ProHealth Care, Inc. Obligated Group, Refunding Series	8/24 at 100.00	A+	5,047,650
	2015, 3.375%, 8/15/29			
	Wisconsin Health and Educational Facilities Authority, Revenue			
1,450	Bonds, Rocket Education Obligated Group, Series 2017C,	6/26 at 100.00	N/R	1,520,035
	5.250%, 6/01/40, 144A			
47				

	AMT-Free Municipal Credit Income Fund (continued) of Investments July 31, 2018					
Principal	Principal Ontional C					
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value		
	Wisconsin (continued)					
*	Wisconsin Health and Educational Facilities Authority,			***		
\$ 1,000	Revenue Bonds, Rogers Memorial Hospital, Inc., Series	7/24 at 100.00	A	\$1,080,030		
	2014A, 5.000%, 7/01/34 Wisconsin Health and Educational Facilities Authority,					
	Revenue Bonds, Saint John's Communities Inc., Series					
	2015B:					
550	5.000%, 9/15/37	9/22 at 100.00	BBB-	574,288		
1,000	5.000%, 9/15/45	9/22 at 100.00	BBB-	1,040,670		
	Wisconsin Health and Educational Facilities Authority,					
1,000	Revenue Bonds, Three Pillars Senior Living Communities,	8/23 at 100.00	A	1,078,750		
	Refunding Series 2013, 5.000%, 8/15/33					
	Wisconsin Health and Educational Facilities Authority,					
	Revenue Bonds, Woodland Hills Senior Housing Project, Series 2014:					
2,565	5.000%, 12/01/44	12/22 at 102.00	N/P	2,680,784		
1,775	5.250%, 12/01/49	12/22 at 102.00 12/22 at 102.00		1,875,536		
1,773	Wisconsin Health and Educational Facilities Authority,	12/22 at 102.00	1771	1,075,550		
16,190	Revenues Bonds, Gundersen Lutheran, Series 2011A,	10/21 at 100.00	A1	17,411,697		
	5.250%, 10/15/39					
	Wisconsin Health and Educational Facilities Authority,					
	Wisconsin, Revenue Bonds, Dickson Hollow Project. Series					
	2014:					
1,000	5.375%, 10/01/44	10/22 at 102.00		1,075,570		
1,500	5.500%, 10/01/49 Total Wisconsin	10/22 at 102.00	N/R	1,620,495		
131,730	Wyoming – 0.1% (0.1% of Total Investments)			141,868,223		
	Campbell County, Wyoming Solid Waste Facilities Revenue	5				
2,035	Bonds, Basin Electric Power Cooperative - Dry Fork Station		A	2,109,400		
_,000	Facilities, Series 2009A, 5.750%, 7/15/39	7,15 46 100.00		_,105,100		
	Teton County Hospital District, Wyoming, Hospital Revenu	e				
	Bonds, St. John's Medical Center Project, Series 2011B:					
1,000	5.500%, 12/01/27	12/21 at 100.00		1,068,480		
1,000	6.000%, 12/01/36	12/21 at 100.00	A-	1,084,450		
4,035	Total Wyoming			4,262,330		
\$ 5,764,328	Total Municipal Bonds (cost \$4,835,603,426)			5,188,594,944		
Principal Amo	unt	R	Ratings			
(000)	Description (1)	Coupon Maturity (3)	Value		
(000)	CORPORATE BONDS - 0.0% (0.0% of Total		- /			
	Investments)					
	Transportation – 0.0% (0.0% of Total Investments)					
\$ 1,234	Las Vegas Monorail Company, Senior Interest Bonds	5.500% 7/15/19 N	J/R	\$796,199		
	(8), (9)					
345		5.500% 7/15/55 N	173,456			

Las Vegas Monorail Company, Senior Interest Bonds

(8), (9)

\$ 1,579 Total Corporate Bonds (cost \$86,687)

969,655

Total Long-Term Investments (cost \$4,835,690,113)

5,189,564,599

Principal Amount

(000)

Description (1)

Optional Call Provision (2) Ratings (3)

S Value

SHORT-TERM INVESTMENTS - 0.3% (0.2% of Total

Investments)

MUNICIPAL BONDS - 0.3% (0.2% of Total

Investments)

Principal Amount (000)	Description	(1)				Optional Ca rovision (2	all Ratings 2) (3)	Value	_
		,	of Total Invest						
		-		orida, Variable I					
\$ 10,000		-		s of Participation	n, N	lo Opt. Cal	ll A2	\$ 10,000,000	0
		•	, 5/01/31 (10)						
\$ 10,000			ments (cost \$1					10,000,000	
		,	54,845,690,113	3) - 159.0%				5,199,564,59	
	_	te Obligation		- C 1 - C 1 - CC -				(180,700,00	0)
	costs – (1)		a Snares, net	of deferred offer	ring			(405,074,07	9)
	*		referred Share	s, net of deferre	d				
		sts – (43.1)%		s, het of deferre	u			(1,407,676,9	987)
	•		ities -2.0%	(13)				63,181,535	
			Common Sha	` '				\$ 3,269,295,	.068
Investments	in Derivative							, -,,-,-,-,	,
	Swaps - OTO								
	Fund			E' 1D (ъ :	TT 1' 1
Notional	Pay/Receive	Floating	Fixed Rate	Fixed Rate	Effective	Maturity	Value		Unrealized
Amount	Floating	Rate Index	(Annualized)	Payment Frequency	Date (14)	Date	value	Paid (Paggived)	Appreciation (Depreciation
	Rate			riequency				(Received)	(Deprecian
\$79,400,000	Receive	3-Month LIBOR	2.363%	Semi-Annually	9/10/18	9/10/28	\$4,649,376	\$992	\$4,648,384
Interest Rate	Swaps - OTO	C Uncleared							
	_	Fund			Eirad Dat	a Effactive	Ontional		
Counterparty	Notional	Pay/Receive	Floating Rate	Fixed Rate	Payment	e Effective	Termination	Maturity	Value
Counterpart	Amount	Floating	Index	(Annualized)	Frequency		Date	Date	varue
		Rate			requerie	(17)	Dute		
JPMorgan	4.2 000 000	ъ.	Weekly	1.0416		0.10.1.11.0	0.10.4.11.0	0.10.4.10.0	1 402 505
	\$43,000,000	Receive	SIFMA	1.841%	Quarterly	8/24/18	9/24/18	8/24/28	1,483,595
N.A.									

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).

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NVGNuveen AMT-Free Municipal Credit Income Fund (continued)

Portfolio of Investments July 31, 2018

(Unaudited)

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** \$ — \$5,188,594,944\$ — \$5,188,594,944 Corporate Bonds 969,655 969,655 **Short-Term Investments:** Municipal Bonds 10,000,000 10,000,000 Investments in Derivatives:

Interest Rate Swaps* 6,131,979 6,131,979

Total \$5,204,726,923\$969,655\$5,205,696,578

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. The tables below present the cost and unrealized appreciation (depreciation) of the Fund's investment portfolio, as determined on a federal income tax basis, as of July 31, 2018.

For purposes of this disclosure, derivative tax cost is generally the sum of any upfront fees or premiums exchanged and any amounts unrealized for income statement reporting but realized in income and/or capital gains for tax reporting. If a particular derivative category does not disclose any tax unrealized appreciation or depreciation, the change in value of those derivatives have generally been fully realized for tax purposes.

Tax cost of investments \$4,655,913,009

Gross unrealized:

Appreciation \$ 378,837,407 Depreciation (15,885,130)Net unrealized appreciation (depreciation) of investments \$ 362,952,277

Tax cost of swaps \$ 992 Net unrealized appreciation (depreciation) of swaps 6,131,979

^{*}Represents net unrealized appreciation (depreciation).

- (1) All percentages shown in the Portfolio of Investments are based on net assets applicable to common shares unless otherwise noted.
- 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.
 - The ratings disclosed are the lowest of Standard & Poor's Group ("Standard & Poor's"), Moody's Investors
- (3) 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) 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.
- (5) Investment, or portion of investment, has been pledged to collateralize the net payment obligations for investments in inverse floating rate transactions.
- Step-up coupon bond, a bond with a coupon that increases ("steps up"), usually at regular intervals, while the bond is outstanding. The rate shown is the coupon as of the end of the reporting period.

 As of, 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
- (7) 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.
 During January 2010, Las Vegas Monorail Company ("Las Vegas Monorail") filed for federal bankruptcy
 - protection. During March 2012, Las Vegas Monorail emerged from federal bankruptcy with the acceptance of a reorganization plan assigned by the Federal Bankruptcy Court. Under the reorganization plan, the Fund surrendered its Las Vegas Monorail Project Revenue Bonds, First Tier, Series 2000 and in turn received two
- (8) senior interest corporate bonds: the first with an annual coupon rate of 5.500% maturing on July 15, 2019 and the second with an annual coupon rate of 3.000% (5.500% after December 31, 2015) maturing on July 15, 2055. The Fund was not accruing income for either senior interest corporate bond. On January 18, 2017, the Fund's Adviser determined it was likely that this senior interest corporate bond would fulfill its obligation on the security maturing on July 15, 2019, and therefore began accruing income on the Fund's records.
- (9) Investment valued at fair value using methods determined in good faith by, or at the discretion of the Board. For fair value measurement disclosure purposes, investment classified as Level 3.

 Investment has maturity of greater than one year, but has variable rate and/or demand features which qualify
- it as a short-term investment. The rate disclosed, as well as the reference rate and spread, where applicable, is that in effect as of the end of the reporting period. This rate changes periodically based on market conditions or a specified market index.
- (11) MuniFund Term Preferred Shares, net of deferred offering costs as a percentage of Total Investments is 7.8%.
- Variable Rate Demand Preferred Shares, net of deferred offering costs as a percentage of Total Investments is 27.1%.
- Other assets less liabilities includes the unrealized appreciation (depreciation) of certain over-the-counter ("OTC") derivatives as well as the OTC cleared and exchange-traded derivatives, when applicable.
- (14) Effective date represents the date on which both the Fund and counterparty commence interest payment accruals on each contract.
- Investment is exempt from registration under Rule 144A of the Securities Act of 1933, as amended. These investments may only be resold in transactions exempt from registration, which are normally those
- 144A investments may only be resold in transactions exempt from registration, which are normally those transactions with qualified institutional buyers.
- ETM Escrowed to maturity.
- Inverse floating rate security issued by a tender option bond ("TOB") trust, the interest rate on which varies inversely with the Securities Industry Financial Markets Association (SIFMA) short-term rate, which resets weekly, or a similar short-term rate, and is reduced by the expenses related to the TOB trust.
- LIBOR London Inter-Bank Offered Rate

SIFMA Securities Industry and Financial Market Association

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 Credit Income Fund

By (Signature and

Title)

1

/s/ Gifford R. Zimmerman

Gifford R. Zimmerman Vice President and Secretary

Date: September 28, 2018

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/ Cedric H. Antosiewicz

Cedric H. Antosiewicz

Chief Administrative Officer (principal executive

officer)

Date: September 28, 2018

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

Stephen D. Foy

Vice President and Controller (principal financial

officer)

Date: September 28, 2018