

NUVEEN PENNSYLVANIA QUALITY MUNICIPAL INCOME FUND

Form N-Q

January 29, 2019

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

**Washington, DC 20549**

**FORM N-Q**

**QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT  
INVESTMENT COMPANY**

Investment Company Act file number 811-06265

**Nuveen Pennsylvania Quality Municipal 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: February 28

Date of reporting period: November 30, 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**

NQP

Nuveen Pennsylvania Quality Municipal Income Fund

Portfolio of Investments November 30, 2018

(Unaudited)

Principal

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	LONG-TERM INVESTMENTS – 163.5% (100.0% of Total Investments)			
	MUNICIPAL BONDS – 163.5% (100.0% of Total Investments)			
	Consumer Staples – 0.4% (0.3% of Total Investments)			
\$ 2,000	Pennsylvania Economic Development Financing Authority, Solid Waste Disposal Revenue Bonds, Procter & Gamble Paper Project, Series 2001, 5.375%, 3/01/31 (Alternative Minimum Tax)	No Opt. Call	AA-	\$ 2,364,100
	Education and Civic Organizations – 19.4% (11.9% of Total Investments)			
1,255	Allegheny County Higher Education Building Authority, Pennsylvania, College Revenue Refunding Bonds, Robert Morris College, Series 1998A, 6.000%, 5/01/28	No Opt. Call	Baa3	1,394,933
5,035	Allegheny County Higher Education Building Authority, Pennsylvania, Revenue Bonds, Carnegie Mellon University, Series 2013, 5.000%, 3/01/28	3/23 at 100.00	AA	5,570,472
940	Allegheny County Higher Education Building Authority, Pennsylvania, Revenue Bonds, Duquesne University, Series 2013A, 3.500%, 3/01/34	3/23 at 100.00	A	904,825
735	Allegheny County Higher Education Building Authority, Pennsylvania, Revenue Bonds, Robert Morris University, Series 2016: 3.000%, 10/15/30	10/26 at 100.00	Baa3	640,038
1,000	5.000%, 10/15/38	10/26 at 100.00	Baa3	1,051,690
1,625	Allegheny County Higher Education Building Authority, Pennsylvania, Revenue Bonds, Robert Morris University, Series 2017, 5.000%, 10/15/47	10/27 at 100.00	Baa3	1,705,584
3,215	Bucks County Industrial Development Authority, Pennsylvania, Revenue Bonds, School Lane Charter School Project, Series 2016, 5.125%, 3/15/36	3/27 at 100.00	BBB-	3,368,259
835	Chester County Industrial Development Authority, Pennsylvania, Avon Grove Charter School Revenue Bonds, Series 2017A, 5.000%, 12/15/47	12/27 at 100.00	BBB-	845,888
2,200	Crawford County Industrial Development Authority, Pennsylvania, College Revenue Bonds, Allegheny College, Series 2016, 3.000%, 5/01/34	5/26 at 100.00	A-	1,927,112
1,000	Cumberland County Municipal Authority, Pennsylvania, Revenue Bonds, Dickinson College Project, Second Series 2017A, 5.000%, 11/01/39	11/27 at 100.00	A+	1,103,690
1,020	Dallas Area Municipal Authority, Pennsylvania, Revenue Bonds, Misericordia University, Series 2014, 5.000%, 5/01/37	5/24 at 100.00	Baa3	1,058,576
750	Delaware County Authority, Pennsylvania, General Revenue Bonds, Eastern University, Series 2006, 4.500%, 10/01/27 – RAA	11/19 at 100.00	AA	750,495
	Insured			

Edgar Filing: NUVEEN PENNSYLVANIA QUALITY MUNICIPAL INCOME FUND - Form N-Q

4,595	Erie Higher Education Building Authority, Pennsylvania, Revenue Bonds, Gannon University, Series 2016, 4.000%, 5/01/46	11/26 at 100.00BBB+	4,194,546
2,395	General Authority of Southcentral Pennsylvania, Revenue Bonds, AICUP Financing Program-York College of Pennsylvania, Series 2017 PP4, 3.375%, 11/01/37	10/27 at 100.00A-	2,198,179
590	Huntingdon County General Authority, Pennsylvania, Revenue Bonds, Juniata College, Series 2016OO2: 3.250%, 5/01/36	5/26 at 100.00 BBB+	508,716
1,555	3.500%, 5/01/41	5/26 at 100.00 BBB+	1,329,012
1			

---

NQP Nuveen Pennsylvania Quality Municipal Income Fund (continued)  
 Portfolio of Investments November 30, 2018  
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Education and Civic Organizations (continued)			
\$ 815	Indiana County Industrial Development Authority, Pennsylvania, Revenue Bonds, Student Cooperative Association Inc./Indiana University of Pennsylvania - Student Union Project, Series 1999B, 0.000%, 11/01/19 – AMBAC Insured	No Opt. Call	N/R	\$800,110
475	Lackawanna County Industrial Development Authority, Pennsylvania, Revenue Bonds, University of Scranton, Series 2017: 3.375%, 11/01/33	11/27 at 100.00	A-	449,122
2,910	4.000%, 11/01/40	11/27 at 100.00	A-	2,857,795
5,235	Lycoming County Authority, Pennsylvania, Revenue Bonds, Pennsylvania College of Technology, Series 2012, 5.000%, 5/01/32	5/22 at 100.00	A	5,490,206
2,155	Montgomery County Higher Education and Health Authority, Pennsylvania, Revenue Bonds, Arcadia University, Series 2010, 5.625%, 4/01/40	4/20 at 100.00	BBB	2,210,297
1,855	Montgomery County Higher Education and Health Authority, Pennsylvania, Revenue Bonds, Thomas Jefferson University, Series 2018A, 5.000%, 9/01/48	9/28 at 100.00	A+	2,018,036
1,465	Pennsylvania Higher Educational Facilities Authority, Revenue Bonds, Holy Family University, Series 2013A, 6.500%, 9/01/38	9/23 at 100.00	BBB-	1,594,594
1,625	Pennsylvania Higher Educational Facilities Authority, General Revenue Bonds, State System of Higher Education, Series 2008AH, 5.000%, 6/15/33	2/19 at 100.00	Aa3	1,628,738
2,415	Pennsylvania Higher Educational Facilities Authority, Revenue Bonds, AICUP Financing Program-Mount Aloysius College Project, Series 2011R-1, 5.000%, 11/01/35	11/21 at 100.00	A-	2,557,485
2,545	Pennsylvania Higher Educational Facilities Authority, Revenue Bonds, Bryn Mawr College, Refunding Series 2014: 5.000%, 12/01/38	12/24 at 100.00	AA	2,871,702
2,080	5.000%, 12/01/44	12/24 at 100.00	AA	2,339,646
85	Pennsylvania Higher Educational Facilities Authority, Revenue Bonds, Drexel University, Series 2011A, 5.250%, 5/01/41	5/21 at 100.00	A	90,052
1,000	Pennsylvania Higher Educational Facilities Authority, Revenue Bonds, Gwynedd Mercy College, Series 2012-KK1, 5.375%, 5/01/42	5/22 at 100.00	BBB	1,030,510
320	Pennsylvania Higher Educational Facilities Authority, Revenue Bonds, LaSalle University, Series 2012, 4.000%, 5/01/32	11/22 at 100.00	BBB	309,968
2,000	Pennsylvania Higher Educational Facilities Authority, Revenue Bonds, Temple University, First Series of 2012, 5.000%, 4/01/42	4/22 at 100.00	Aa3	2,123,440
7,125	Pennsylvania Higher Educational Facilities Authority, Revenue Bonds, Thomas Jefferson University, Refunding Series 2015A, 5.250%, 9/01/50	3/25 at 100.00	A+	7,846,264
760	Pennsylvania Higher Educational Facilities Authority, Revenue Bonds, Thomas Jefferson University, Series 2012, 5.000%, 3/01/42	9/22 at 100.00	A+	812,812
	Pennsylvania Higher Educational Facilities Authority, Revenue Bonds, University of the Sciences in Philadelphia, Series 2012:			

Edgar Filing: NUVEEN PENNSYLVANIA QUALITY MUNICIPAL INCOME FUND - Form N-Q

1,030	4.000%, 11/01/39	11/22 at 100.00A3	1,030,453
4,300	5.000%, 11/01/42	11/22 at 100.00A3	4,603,064
1,310	Pennsylvania Higher Educational Facilities Authority, Revenue Bonds, University of the Sciences in Philadelphia, Series 2015A, 5.000%, 11/01/36	11/25 at 100.00A3	1,414,158
1,590	Pennsylvania Higher Educational Facilities Authority, Revenue Bonds, Widener University, Series 2013A, 5.500%, 7/15/38	7/23 at 100.00 A-	1,688,135
3,005	Pennsylvania State University, Revenue Bonds, Series 2010, 5.000%, 3/01/35	3/20 at 100.00 Aa1	3,104,736

2

---

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Education and Civic Organizations (continued)			
\$ 1,255	Philadelphia Authority for Industrial Development, Pennsylvania, Revenue Bonds, La Salle University, Series 2017, 3.625%, 5/01/35	11/27 at 100.00	BBB	\$1,129,864
554	Philadelphia Authority for Industrial Development, Pennsylvania, Revenue Bonds, Leadership Learning Partners, Series 2005A, 5.375%, 7/01/36 (4)	2/19 at 100.00	N/R	5,540
4,500	Philadelphia Authority for Industrial Development, Pennsylvania, Revenue Bonds, Philadelphia Performing Arts Charter School, Series 2013, 6.750%, 6/15/43, 144A	6/20 at 100.00	BB	4,647,375
500	Philadelphia Authority for Industrial Development, Pennsylvania, Revenue Bonds, Richard Allen Preparatory Charter School, Series 2006, 6.250%, 5/01/33	2/19 at 100.00	N/R	423,635
2,420	Philadelphia Authority for Industrial Development, Pennsylvania, Revenue Bonds, University of the Arts, Series 2017, 5.000%, 3/15/45, 144A	3/28 at 100.00	BB+	2,324,095
2,320	Scranton-Lackawanna Health and Welfare Authority, Pennsylvania, Revenue Bonds, University of Scranton, Series 2016, 5.000%, 11/01/37	5/26 at 100.00	A-	2,490,961
5,250	Scranton-Lackawanna Health and Welfare Authority, Pennsylvania, University Revenue Bonds, Marywood University, Series 2016, 5.000%, 6/01/46	6/26 at 100.00	BB+	5,104,785
5,000	State Public School Building Authority, Pennsylvania, College Revenue Bonds, Northampton County Area Community College, Series 2011, 5.500%, 3/01/31	3/21 at 100.00	A1	5,328,200
3,555	Washington County Industrial Development Authority, Pennsylvania, College Revenue Bonds, AICUP Financing Program-Washington and Jefferson College Project, Series 2017-PP5, 3.375%, 11/01/36	11/27 at 100.00	A-	3,256,664
1,890	Wilkes-Barre Finance Authority, Pennsylvania, Revenue Bonds, University of Scranton, Series 2015A: 5.000%, 11/01/32	11/25 at 100.00	A-	2,104,855
740	5.000%, 11/01/33	11/25 at 100.00	A-	822,177
740	4.000%, 11/01/35	11/25 at 100.00	A-	740,533
103,569	Total Education and Civic Organizations			105,802,022
	Health Care – 34.3% (21.0% of Total Investments)			
16,575	Allegheny County Hospital Development Authority, Pennsylvania, Revenue Bonds, Allegheny Health Network Obligated Group Issue, Series 2018A, 4.000%, 4/01/44	4/28 at 100.00	A	15,808,241
1,860	Allegheny County Hospital Development Authority, Pennsylvania, Revenue Bonds, Ohio Valley General Hospital, Series 2005A: 5.000%, 4/01/25	2/19 at 100.00	Caa1	1,816,550
4,160	5.125%, 4/01/35	2/19 at 100.00	Caa1	3,744,042
4,010	Beaver County Hospital Authority, Pennsylvania, Revenue Bonds, Heritage Valley Health System, Inc., Series 2012: 5.000%, 5/15/26	5/21 at 100.00	AA-	4,247,793
1,910	5.000%, 5/15/27	5/21 at 100.00	AA-	2,019,519
2,000	5.000%, 5/15/28	5/21 at 100.00	AA-	2,114,680



Edgar Filing: NUVEEN PENNSYLVANIA QUALITY MUNICIPAL INCOME FUND - Form N-Q

10,385	Berks County Industrial Development Authority, Pennsylvania, Health System Revenue Bonds, Tower Health Project, Series 2017, 5.000%, 11/01/50	11/27 at 100.00A	11,128,151
3,300	Berks County Municipal Authority, Pennsylvania, Revenue Bonds, Reading Hospital & Medical Center Project, Series 2012A, 4.500%, 11/01/41	5/22 at 100.00 A	3,387,021
4,000	Central Bradford Progress Authority, Pennsylvania, Revenue Bonds, Guthrie Health, Refunding Series 2011, 5.375%, 12/01/41	12/21 at 100.00AA-	4,281,560
3			

---

NQP Nuveen Pennsylvania Quality Municipal Income Fund (continued)  
 Portfolio of Investments November 30, 2018  
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Health Care (continued)			
	Centre County Hospital Authority, Pennsylvania, Hospital Revenue Bonds, Mount Nittany Medical Center Project, Series 2016A:			
\$ 805	5.000%, 11/15/41	11/25 at 100.00	AA-	\$868,933
2,985	5.000%, 11/15/46	11/25 at 100.00	AA-	3,206,875
420	Chester County Health and Education Facilities Authority, Pennsylvania, Health System Revenue Bonds, Jefferson Health System, Series 2010A, 5.000%, 5/15/40	5/20 at 100.00	AA	433,537
	Chester County Health and Education Facilities Authority, Pennsylvania, Health System Revenue Bonds, Main Line Health System, Series 2017A:			
3,200	4.000%, 10/01/36	10/27 at 100.00	AA	3,269,344
1,655	4.000%, 10/01/37	10/27 at 100.00	AA	1,686,511
	Dauphin County General Authority, Pennsylvania, Health System Revenue Bonds, Pinnacle Health System Project, Refunding Series 2016A:			
1,375	5.000%, 6/01/34	6/26 at 100.00	A+	1,513,861
375	5.000%, 6/01/35	6/26 at 100.00	A+	411,600
3,460	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+	3,651,996
1,500	Doylestown Hospital Authority, Pennsylvania, Hospital Revenue Bonds, Series 2013A, 5.000%, 7/01/28	7/23 at 100.00	BBB-	1,593,810
2,275	Doylestown Hospital Authority, Pennsylvania, Hospital Revenue Bonds, Series 2016A, 5.000%, 7/01/41	7/26 at 100.00	BBB-	2,391,526
5,000	Dubois Hospital Authority, Pennsylvania, Hospital Revenue Bonds, Penn Highlands Healthcare, Series 2018, 5.000%, 7/15/48	1/28 at 100.00	A-	5,416,900
6,845	Franklin County Industrial Development Authority, Pennsylvania, Revenue Bonds, Chambersburg Hospital Project, Series 2010, 5.375%, 7/01/42	7/20 at 100.00	AA-	7,143,031
4,555	Geisinger Authority, Montour County, Pennsylvania, Health System Revenue Bonds, Geisinger Health System, Series 2014A, 5.000%, 6/01/41	6/24 at 100.00	AA	4,926,597
1,370	Indiana County Hospital Authority, Pennsylvania, Hospital Revenue Bonds, Indiana Regional Medical Center, Series 2014A, 6.000%, 6/01/39	6/23 at 100.00	Ba1	1,462,776
2,200	Lancaster County Hospital Authority, Revenue Bonds, University of Pennsylvania Health System, Refunding Series 2016B, 5.000%, 8/15/46	8/26 at 100.00	AA	2,385,482
3,000	Lancaster County Hospital Authority, Revenue Bonds, University of Pennsylvania Health System, Series 2016A, 5.000%, 8/15/42	8/26 at 100.00	AA	3,264,090
3,450	Lehigh County General Purpose Authority, Pennsylvania, Hospital Revenue Bonds, Lehigh Valley Health Network, Refunding Series 2016A, 4.000%, 7/01/35	7/26 at 100.00	A+	3,428,714

Edgar Filing: NUVEEN PENNSYLVANIA QUALITY MUNICIPAL INCOME FUND - Form N-Q

2,565	Lehigh County General Purpose Authority, Pennsylvania, Hospital Revenue Bonds, Lehigh Valley Health Network, Series 2012B, 4.000%, 7/01/43	7/22 at 100.00	A+	2,537,349
1,265	Lehigh County General Purpose Authority, Pennsylvania, Revenue Bonds, Good Shepherd Group, Refunding Series 2016: 3.000%, 11/01/36	5/26 at 100.00	A	1,100,917
2,850	4.000%, 11/01/41	5/26 at 100.00	A	2,782,170
4,955	4.000%, 11/01/46	5/26 at 100.00	A	4,774,985
4,600	Lehigh County General Purpose Authority, Pennsylvania, Revenue Bonds, Good Shepherd Group, Series 2012, 4.000%, 11/01/32	11/22 at 100.00	A	4,723,786
4				

---

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Health Care (continued)			
	Lycoming County Authority, Pennsylvania, Health System Revenue Bonds, Susquehanna Health System Project, Series 2009A:			
\$ 6,000	5.500%, 7/01/28	7/19 at 100.00	AA-	\$6,121,980
2,840	5.750%, 7/01/39	7/19 at 100.00	AA-	2,902,934
	Monroe County Hospital Authority, Pennsylvania, Hospital Revenue Bonds, Pocono Medical Center, Series 2016:			
1,020	3.375%, 7/01/32	7/26 at 100.00	A+	970,051
2,650	5.000%, 7/01/41	7/26 at 100.00	A+	2,867,883
925	Montgomery County Industrial Development Authority, Pennsylvania, Health Facilities Revenue Bonds, Jefferson Health System, Series 2012A, 5.000%, 10/01/41	4/22 at 100.00	AA	982,387
7,500	Montgomery County Industrial Development Authority, Pennsylvania, Health System Revenue Bonds, Albert Einstein Healthcare Network Issue, Series 2015A, 5.250%, 1/15/45	1/25 at 100.00	Baa3	7,972,950
4,000	Pennsylvania Economic Development Financing Authority, Revenue Bonds, University of Pittsburgh Medical Center, Series 2013A, 5.000%, 7/01/43	7/23 at 100.00	AA-	4,283,040
3,100	Pennsylvania Higher Educational Facilities Authority, Revenue Bonds, University of Pennsylvania Health System, Series 2012A, 5.000%, 8/15/42	8/22 at 100.00	AA	3,282,094
12,635	Pennsylvania Higher Educational Facilities Authority, Revenue Bonds, University of Pennsylvania Health System, Series 2016C:			
3,750	4.000%, 8/15/41 (UB) (5)	8/26 at 100.00	AA	12,720,792
	4.000%, 8/15/41 (UB) (5)	8/26 at 100.00	AA	3,775,463
2,440	Philadelphia Hospitals and Higher Education Facilities Authority, Pennsylvania, Hospital Revenue Bonds, Children's Hospital of Philadelphia, Tender Option Bond Trust 2015-XF0114, 10.245%, 7/01/41, 144A (IF)	7/21 at 100.00	AA	2,842,868
4,885	Philadelphia Hospitals and Higher Education Facilities Authority, Pennsylvania, Hospital Revenue Bonds, Temple University Health System Obligated Group, Series 2012A, 5.625%, 7/01/42	7/22 at 100.00	BBB-	5,159,537
3,000	Pocono Mountains Industrial Park Authority, Pennsylvania, Hospital Revenue Bonds, Saint Luke's Hospital -Monroe Project, Series 2015A:			
1,590	5.000%, 8/15/40	2/25 at 100.00	A-	3,207,360
	4.000%, 8/15/45	2/25 at 100.00	A-	1,536,083
3,000	Pottsville Hospital Authority, Pennsylvania, Hospital Revenue Bonds, Lehigh Valley Health Network, Series 2016B, 5.000%, 7/01/45	1/27 at 100.00	A+	3,243,780
3,000	Southcentral Pennsylvania General Authority, Revenue Bonds, Wellspan Health Obligated Group, Refunding Series 2014A, 5.000%, 6/01/44	6/24 at 100.00	Aa3	3,202,350
1,800	The Hospitals and Higher Education Facilities Authority of Philadelphia, Pennsylvania, Hospital Revenue Bonds, Temple University Health System Obligated Group, Series of 2017,	7/27 at 100.00	BBB-	1,945,314

Edgar Filing: NUVEEN PENNSYLVANIA QUALITY MUNICIPAL INCOME FUND - Form N-Q

	5.000%, 7/01/30			
3,470	Washington County Hospital Authority, Pennsylvania, Hospital Revenue Bonds, The Washington Hospital Project, Series 2013A,	7/23 at 100.00	A-	3,633,194
	5.000%, 7/01/28			
	West Shore Area Authority, Cumberland County, Pennsylvania, Hospital Revenue Bonds, Holy Spirit Hospital of the Sisters of Christian Charity, Series 2011B:			
1,835	5.625%, 1/01/32	1/22 at 100.00	AA	2,004,994
1,970	5.750%, 1/01/41	1/22 at 100.00	AA	2,158,509
5				

---

NQPNuveen Pennsylvania Quality Municipal Income Fund (continued)  
 Portfolio of Investments November 30, 2018  
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Health Care (continued)			
\$ 575	Westmoreland County Industrial Development Authority, Pennsylvania, Health System Revenue Bonds, Excelsa Health Project, Series 2010A, 5.125%, 7/01/30	7/20 at 100.00	A3	\$ 594,849
180,890	Total Health Care			186,930,759
	Housing/Multifamily – 1.0% (0.6% of Total Investments)			
160	Chester County Industrial Development Authority, Pennsylvania, Student Housing Revenue Bonds, University Student Housing, LLC Project at West Chester University Series 2013A, 5.000%, 8/01/45	8/23 at 100.00	Baa3	164,198
1,235	East Hempfield Township Industrial Development Authority, Pennsylvania, Student Services Inc. - Student Housing Project at Millersville University, Series 2014, 5.000%, 7/01/46	7/24 at 100.00	BBB-	1,274,323
1,900	East Hempfield Township Industrial Development Authority, Pennsylvania, Student Services Inc. - Student Housing Project at Millersville University, Series 2015, 5.000%, 7/01/47	7/25 at 100.00	BBB-	1,961,123
270	Pennsylvania Higher Educational Facilities Authority, Revenue Bonds, University Properties Inc. Student Housing Project at East Stroudsburg University of Pennsylvania, Series 2016A, 5.000%, 7/01/31	7/26 at 100.00	Baa3	281,923
1,658	Philadelphia Authority for Industrial Development, Pennsylvania, Multifamily Housing Revenue Bonds, Presbyterian Homes Germantown - Morrisville Project, Series 2005A, 5.625%, 7/01/35	2/19 at 100.00	Baa3	1,659,144
5,223	Total Housing/Multifamily			5,340,711
	Housing/Single Family – 15.9% (9.7% of Total Investments)			
	Pennsylvania Housing Finance Agency, Single Family Mortgage Revenue Bonds, Series 2012-114:			
4,750	3.300%, 10/01/32	10/21 at 100.00	AA+	4,620,990
2,275	3.650%, 10/01/37	10/21 at 100.00	AA+	2,217,351
1,980	Pennsylvania Housing Finance Agency, Single Family Mortgage Revenue Bonds, Series 2012C, 3.700%, 10/01/42 (UB) (5)	10/21 at 100.00	AA+	1,895,098
	Pennsylvania Housing Finance Agency, Single Family Mortgage Revenue Bonds, Series 2015-117B:			
3,290	3.900%, 10/01/35	10/24 at 100.00	AA+	3,320,630
2,465	4.050%, 10/01/40	10/24 at 100.00	AA+	2,476,339
	Pennsylvania Housing Finance Agency, Single Family Mortgage Revenue Bonds, Series 2015B:			
2,330	3.950%, 10/01/40 (UB) (5)	10/24 at 100.00	AA+	2,326,505
3,000	4.000%, 4/01/45 (UB) (5)		AA+	2,985,330

Edgar Filing: NUVEEN PENNSYLVANIA QUALITY MUNICIPAL INCOME FUND - Form N-Q

7,175	4.100%, 10/01/45 (UB) (5) Pennsylvania Housing Finance Agency, Single Family Mortgage Revenue Bonds, Series 2016:	10/24 at 100.00 4/25 at 100.00	AA+	7,202,480
7,000	3.200%, 4/01/40 (UB) (5)	10/25 at 100.00	AA+	6,257,160
20,000	3.200%, 10/01/41 (UB)	10/25 at 100.00	AA+	17,924,200
2,450	3.200%, 10/01/41 (UB) (5)	10/25 at 100.00	AA+	2,195,715
6				

---

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Housing/Single Family (continued)			
\$ 2,045	Pennsylvania Housing Finance Agency, Single Family Mortgage Revenue Bonds, Series 2016-119, 3.500%, 10/01/36	4/25 at 100.00	AA+	\$1,945,593
	Pennsylvania Housing Finance Agency, Single Family Mortgage Revenue Bonds, Series 2017:			
2,000	3.650%, 10/01/32 (UB) (5)	4/26 at 100.00	AA+	2,020,460
6,725	3.900%, 10/01/36 (UB) (5)	4/26 at 100.00	AA+	6,775,908
4,160	Pennsylvania Housing Finance Agency, Single Family Mortgage Revenue Bonds, Series 2017-123B, 3.450%, 10/01/32	10/26 at 100.00	AA+	4,128,218
	Pennsylvania Housing Finance Agency, Single Family Mortgage Revenue Bonds, Series 2017B:			
5,000	3.500%, 10/01/37 (UB) (5)	10/26 at 100.00	AA+	4,728,450
4,165	3.900%, 10/01/37 (UB) (5)	10/26 at 100.00	AA+	4,189,990
3,930	4.000%, 10/01/42 (UB) (5)	10/26 at 100.00	AA+	3,932,437
	Pennsylvania Housing Finance Agency, Single Family Mortgage Revenue Bonds, Series 2018-126A:			
2,400	3.700%, 10/01/33	4/27 at 100.00	AA+	2,406,744
2,260	3.950%, 10/01/38	4/27 at 100.00	AA+	2,269,469
600	Pennsylvania Housing Finance Agency, Single Family Mortgage Revenue Bonds, Tender Option Bonds Trust 2015-XF0109, 7.263%, 10/01/31, 144A (IF) (5)	10/22 at 100.00	AA+	606,894
90,000	Total Housing/Single Family			86,425,961
	Industrials – 1.0% (0.6% of Total Investments)			
	Pennsylvania Economic Development Financing Authority, Exempt Facilities Revenue Refunding Bonds, Amtrak Project, Series 2012A:			
2,495	5.000%, 11/01/23 (Alternative Minimum Tax)	11/22 at 100.00	A1	2,689,136
545	5.000%, 11/01/27 (Alternative Minimum Tax)	11/22 at 100.00	A1	584,899
2,000	5.000%, 11/01/41 (Alternative Minimum Tax)	11/22 at 100.00	A1	2,112,380
5,040	Total Industrials			5,386,415
	Long-Term Care – 5.4% (3.3% of Total Investments)			
	Berks County Industrial Development Authority Healthcare Facilities Revenue Bonds, Pennsylvania, The Highlands at Wyomissing, Series 2018:			
1,000	5.000%, 5/15/43	5/25 at 102.00	BBB	1,045,520
400	5.000%, 5/15/48	5/25 at 102.00	BBB	415,340
	Berks County Industrial Development Authority, Pennsylvania, Healthcare Facilities Revenue Bonds, Highlands at Wyomissing, Series 2017A:			
940	5.000%, 5/15/37	5/27 at 100.00	BBB	986,173
1,160	5.000%, 5/15/47	5/27 at 100.00	BBB	1,202,004
230	Chester County Health and Education Facilities Authority, Pennsylvania, Revenue Bonds, Simpson Senior Services Project, Series 2015A, 5.000%, 12/01/35	12/25 at 100.00	N/R	230,403



NQPNuveen Pennsylvania Quality Municipal Income Fund (continued)  
 Portfolio of Investments November 30, 2018  
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Long-Term Care (continued)			
	Cumberland County Municipal Authority Revenue Bonds, Pennsylvania, Diakon Lutheran Social Ministries Project, Series 2016:			
\$ 985	5.000%, 1/01/28	1/26 at 100.00	BBB+	\$1,071,710
1,815	5.000%, 1/01/29	1/26 at 100.00	BBB+	1,961,815
735	5.000%, 1/01/30	1/26 at 100.00	BBB+	790,662
300	3.250%, 1/01/36	1/26 at 100.00	BBB+	260,187
2,015	3.250%, 1/01/39	1/26 at 100.00	BBB+	1,708,136
	Cumberland County Municipal Authority, Pennsylvania, Revenue Bonds, Diakon Lutheran Social Ministries Project, Series 2015:			
4,380	4.000%, 1/01/33	1/25 at 100.00	BBB+	4,278,384
5,740	5.000%, 1/01/38	1/25 at 100.00	BBB+	6,021,432
650	Lancaster County Hospital Authority, Pennsylvania, Health Center Revenue Bonds, Masonic Villages Project, Series 2015, 5.000%, 11/01/35	5/25 at 100.00	A	697,027
530	Lancaster County Hospital Authority, Pennsylvania, Health Center Revenue Bonds, Saint Anne's Retirement Community, Inc., Series 2012, 5.000%, 4/01/33	4/22 at 100.00	BB+	535,618
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-	1,275,912
	Lancaster Industrial Development Authority, Pennsylvania, Revenue Bonds, Garden Spot Village Project, Series 2013:			
1,000	5.375%, 5/01/28	5/23 at 100.00	BBB	1,074,260
1,665	5.750%, 5/01/35	5/23 at 100.00	BBB	1,798,383
1,500	Langhorne Manor Boro Higher Education and Health Authority, Pennsylvania, Revenue Bonds, Woods Services Project, Series 2013, 4.000%, 11/15/38	2/19 at 100.00	A-	1,500,090
2,150	Montgomery County Industrial Development Authority, Pennsylvania, Revenue Bonds, ACTS Retirement-Life Communities, Inc. Obligated Group, Refunding Series 2012, 5.000%, 11/15/26	5/22 at 100.00	A-	2,286,159
28,445	Total Long-Term Care			29,139,215
	Materials – 1.2% (0.7% of Total Investments)			
6,455	Pennsylvania Economic Development Financing Authority, Exempt Facilities Revenue Bonds, National Gypsum Company, Refunding Series 2014, 5.500%, 11/01/44 (Alternative Minimum Tax)	11/24 at 100.00	N/R	6,664,658
	Tax Obligation/General – 24.9% (15.2% of Total Investments)			
1,305	Adams County, Pennsylvania, General Obligation Bonds, Series 2017B, 2.500%, 11/15/29	11/25 at 100.00	Aa2	1,220,606
1,700	Allegheny County, Pennsylvania, General Obligation Bonds, Series 2011C-65, 5.375%, 5/01/31	5/21 at 100.00	AA-	1,821,346

Edgar Filing: NUVEEN PENNSYLVANIA QUALITY MUNICIPAL INCOME FUND - Form N-Q

	Allegheny County, Pennsylvania, General Obligation Bonds, Series		
	2013C-72:		
2,780	5.250%, 12/01/32	12/23 at 100.00AA-	3,100,729
2,000	5.250%, 12/01/33	12/23 at 100.00AA-	2,229,740
	Allegheny County, Pennsylvania, General Obligation Bonds, Series		
	2014C-74:		
1,750	5.000%, 12/01/32	12/24 at 100.00AA-	1,953,857
1,285	5.000%, 12/01/34	12/24 at 100.00AA-	1,427,211
8			

---

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Tax Obligation/General (continued)			
\$ 2,400	Allegheny County, Pennsylvania, General Obligation Bonds, Series 2018C-77, 5.000%, 11/01/43	11/28 at 100.00	AA-	\$2,679,984
5,100	Allegheny County, Pennsylvania, General Obligation Bonds, Series C69-C70 of 2012, 5.000%, 12/01/37	12/22 at 100.00	AA-	5,516,925
	Bethel Park School District, Allegheny County, Pennsylvania, General Obligation Bonds, Refunding Series 2016:			
1,500	4.000%, 8/01/31	8/26 at 100.00	Aa2	1,571,535
1,500	4.000%, 8/01/32	8/26 at 100.00	Aa2	1,567,395
1,255	4.000%, 8/01/33	8/26 at 100.00	Aa2	1,306,216
	Boyertown Area School District, Berks and Montgomery Counties, Pennsylvania, General Obligation Bonds, Series 2015, 5.000%, 10/01/38	4/24 at 100.00	AA-	2,119,513
3,000	Bristol Township School District, Bucks County, Pennsylvania, General Obligation Bonds, Series 2013, 5.250%, 6/01/43	6/23 at 100.00	A2	3,252,780
	Canon-McMillan School District, Washington County, Pennsylvania, General Obligation Bonds, Series 2014D:			
3,000	5.000%, 12/15/37	12/24 at 100.00	AA	3,311,310
1,075	5.000%, 12/15/38 – BAM Insured	12/24 at 100.00	AA	1,185,306
1,100	5.000%, 12/15/39	12/24 at 100.00	AA	1,211,606
315	Cranberry Township, Pennsylvania, General Obligation Bonds, Refunding Series 2015, 3.250%, 10/01/32	10/25 at 100.00	Aaa	316,336
7,465	Erie City School District, Erie County, Pennsylvania, General Obligation Bonds, Series 2000, 0.000%, 9/01/30 – AMBAC Insured	No Opt. Call	N/R	4,561,190
6,680	Gateway School District, Allegheny County, Pennsylvania, General Obligation Bonds, Refunding Series 2012, 4.000%, 10/15/32	10/22 at 100.00	Aa3	6,865,236
6,225	Lehigh Area School District, Carbon County, Pennsylvania, General Obligation Bonds, Limited Tax Series 2015A, 5.000%, 11/15/43 – BAM Insured	11/23 at 100.00	AA	6,751,635
	North Allegheny School District, Allegheny County, Pennsylvania, General Obligation Bonds, Series 2015:			
5,000	5.000%, 5/01/31	5/25 at 100.00	AA	5,637,950
4,000	5.000%, 5/01/32	5/25 at 100.00	AA	4,510,360
2,875	5.000%, 5/01/33	5/25 at 100.00	AA	3,229,257
	Pennsbury School District, Bucks County, Pennsylvania, General Obligation Bonds, Series 2016A:			
3,115	5.000%, 10/01/32	4/25 at 100.00	Aa2	3,507,677
1,000	5.000%, 10/01/33	4/25 at 100.00	Aa2	1,121,130
2,660	5.000%, 10/01/34	4/25 at 100.00	Aa2	2,969,172
2,045	5.000%, 10/01/35	4/25 at 100.00	Aa2	2,275,226
2,620	Pennsylvania Economic Development Financing Authority, Parking System Revenue Bonds, Capitol Region Parking System, Junior Insured Series 2013C, 5.500%, 1/01/30 – AGM Insured	1/24 at 100.00	AA	2,911,816
3,925	Philadelphia School District, Pennsylvania, General Obligation Bonds, Series 2007A, 5.000%, 6/01/34 – FGIC Insured	No Opt. Call	A+	4,379,201
745		9/22 at 100.00	AA	815,015

Pittsburgh School District, Allegheny County, Pennsylvania,  
General Obligation Bonds, Series 2014A, 5.000%, 9/01/25 – BAM  
Insured

NQP Nuveen Pennsylvania Quality Municipal Income Fund (continued)  
 Portfolio of Investments November 30, 2018  
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Tax Obligation/General (continued)			
	Pittsburgh, Pennsylvania, General Obligation Bonds, Series 2012B:			
\$ 2,590	5.000%, 9/01/25	9/22 at 100.00	AA-	\$2,828,539
6,800	5.000%, 9/01/26	9/22 at 100.00	AA-	7,416,080
2,215	Radnor Township School District, Delaware County, Pennsylvania, General Obligation Bonds, Series 2012, 3.000%, 2/15/34	2/19 at 100.00	Aa1	2,119,622
1,000	Radnor Township, Pennsylvania, General Obligation Bonds, Series 2012, 4.000%, 11/01/37	11/22 at 100.00	Aa1	1,030,630
11,440	Reading School District, Berks County, Pennsylvania, General Obligation Bonds, Series 2003B, 0.000%, 1/15/32 – FGIC Insured	No Opt. Call	Baa2	6,929,208
	Scranton, Lackawanna County, Pennsylvania, General Obligation Notes, Series 2016:			
270	5.000%, 11/15/26	5/24 at 100.00	BB+	288,541
2,925	5.000%, 11/15/32	5/24 at 100.00	BB+	3,075,608
1,000	South Park School District, Allegheny County, Pennsylvania, General Obligation Bonds, Series 2014, 3.375%, 8/01/32 – BAM Insured	5/24 at 100.00	AA	997,700
21,000	State Public School Building Authority, Pennsylvania, School Revenue Bonds, Philadelphia School District Project, Series 2003, 5.500%, 6/01/28 – AGM Insured (UB) (5)	No Opt. Call	AA	24,813,600
	The Redevelopment Authority of the City of Scranton, Lackawanna county, Pennsylvania, Guaranteed Lease Revenue Bonds, Series 2016A:			
250	5.000%, 11/15/21	No Opt. Call	BB+	255,485
170	5.000%, 11/15/28	5/24 at 100.00	BB+	170,558
131,030	Total Tax Obligation/General Tax Obligation/Limited – 10.0% (6.1% of Total Investments)			135,252,831
1,290	Allegheny County Redevelopment Authority, Pennsylvania, TIF Revenue Bonds, Pittsburg Mills Project, Series 2004, 5.600%, 7/01/23	2/19 at 100.00	N/R	1,261,156
1,475	Allentown Neighborhood Improvement Zone Development Authority, Pennsylvania, Tax Revenue Bonds, Series 2012A, 5.000%, 5/01/35	5/22 at 100.00	Baa3	1,523,881
155	Allentown Neighborhood Improvement Zone Development Authority, Pennsylvania, Tax Revenue Bonds, City Center Project, Series 2018, 5.000%, 5/01/33, 144A	5/28 at 100.00	Ba1	164,797
1,115	Allentown Neighborhood Improvement Zone Development Authority, Pennsylvania, Tax Revenue Bonds, City Center Refunding Project, Series 2017, 5.000%, 5/01/42, 144A	5/27 at 100.00	Ba3	1,159,165
1,135	Commonwealth Financing Authority, Pennsylvania, State Appropriation Lease Bonds, Master Settlement, Series 2018, 5.000%, 6/01/33	6/28 at 100.00	A1	1,262,767

Edgar Filing: NUVEEN PENNSYLVANIA QUALITY MUNICIPAL INCOME FUND - Form N-Q

7,215	Commonwealth Financing Authority, Pennsylvania, Tobacco Master Settlement Payment Revenue Bonds, Series 2018, 4.000%, 6/28 at 100.00 6/01/39 – AGM Insured (UB) (5)	AA	7,260,382
1,670	Government of Guam, Business Privilege Tax Bonds, Series 2011A: 5.250%, 1/01/36	1/22 at 100.00 A	1,749,225
655	5.125%, 1/01/42	1/22 at 100.00 A	674,277
1,662	Monroe County Industrial Development Authority, Pennsylvania, Special Obligation Revenue Bonds, Tobyhanna Township Project, Series 2014, 6.875%, 7/01/33, 144A	7/24 at 100.00 N/R	1,653,574
3,500	Norristown Area School District, Pennsylvania, Installment Purchase Certificates of Participation, Series 2012, 5.000%, 4/01/32	4/22 at 100.00 Baa1	3,612,175
1,935	Pennsylvania Turnpike Commission, Motor License Fund-Enhanced Turnpike Special Revenue Bonds, Subordinate Series 2011B, 5.000%, 12/01/41	12/21 at 100.00 A2	2,024,049
10			

---

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Tax Obligation/Limited (continued)			
\$ 7,000	Pennsylvania Turnpike Commission, Motor License Fund-Enhanced Turnpike Subordinate Special Revenue Bonds, Series 2013B-1, 5.250%, 12/01/43	12/23 at 100.00	AA-	\$7,497,000
	Pennsylvania Turnpike Commission, Motor License Fund-Enhanced Turnpike Subordinate Special Revenue Bonds, Series 2014A:			
2,650	0.000%, 12/01/37 (6)	No Opt. Call	AA-	2,480,267
4,000	0.000%, 12/01/44 (6)	No Opt. Call	AA-	3,718,480
2,500	Pennsylvania Turnpike Commission, Oil Franchise Tax Revenue Bonds, Subordinate Series 2018B, 5.000%, 12/01/48	12/28 at 100.00	A+	2,730,075
5,530	Philadelphia Authority For Industrial Development, Pennsylvania, City Agreement Revenue Bonds, Cultural and Commercial Corridors Program, Refunding Series 2016A, 5.000%, 12/01/30	12/25 at 100.00	A	6,152,844
3,820	Pittsburgh and Allegheny County Sports and Exhibition Authority, Pennsylvania, Hotel Room Excise Tax Revenue Bonds, Refunding Series 2012, 5.000%, 2/01/26 – AGC Insured	8/22 at 100.00	AA	4,139,237
4,225	Puerto Rico Highway and Transportation Authority, Highway Revenue Bonds, Series 2007N, 5.500%, 7/01/29 – AMBAC Insured	No Opt. Call	C	4,670,104
825	Washington County Redevelopment Authority, Pennsylvania, Tanger Outlet Victory Center Tax Increment Bonds, Series 2018, 5.000%, 7/01/35	1/28 at 100.00	BB	826,757
52,357	Total Tax Obligation/Limited Transportation – 10.1% (6.2% of Total Investments)			54,560,212
	Delaware River Port Authority, Pennsylvania and New Jersey, Revenue Refunding Bonds, Port District Project, Series 2012:			
1,270	5.000%, 1/01/22	No Opt. Call	A	1,367,688
2,425	5.000%, 1/01/23	No Opt. Call	A	2,660,419
2,310	5.000%, 1/01/24	1/23 at 100.00	A	2,524,876
610	5.000%, 1/01/25	1/23 at 100.00	A	664,028
3,990	Pennsylvania Economic Development Financing Authority, Parking System Revenue Bonds, Capitol Region Parking System, Series 2013A, 5.250%, 1/01/44 – AGM Insured	1/24 at 100.00	AA	4,271,734
12,100	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Capital Appreciation Series 2009E, 6.375%, 12/01/38 (6)	12/27 at 100.00	A	14,722,070
820	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Refunding Subordinate Second Series 2016B-2, 5.000%, 6/01/39	6/26 at 100.00	A3	876,457
3,000	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Series 2014C, 5.000%, 12/01/44	12/24 at 100.00	A+	3,201,210
10,470	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Series 2015B, 5.000%, 12/01/45	12/25 at 100.00	A1	11,268,338
2,000	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Subordinate Series 2009C, 6.250%, 6/01/33 – AGM Insured (6)	6/26 at 100.00	AA	2,419,780
	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Subordinate Series 2017B-1:			
1,430	5.000%, 6/01/31	6/27 at 100.00	A3	1,570,969
1,430	5.000%, 6/01/33	6/27 at 100.00	A3	1,560,059





NQP Nuveen Pennsylvania Quality Municipal Income Fund (continued)  
 Portfolio of Investments November 30, 2018  
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Transportation (continued)			
\$ 585	Philadelphia, Pennsylvania, Airport Revenue Bonds, Refunding Series 2017A, 3.000%, 7/01/34 – AGM Insured	7/27 at 100.00	AA	\$533,853
1,500	Philadelphia, Pennsylvania, Airport Revenue Bonds, Refunding Series 2017B, 5.000%, 7/01/42 (Alternative Minimum Tax)	7/27 at 100.00	A	1,627,920
1,865	Philadelphia, Pennsylvania, Airport Revenue Bonds, Series 2010A, 5.250%, 6/15/28	6/20 at 100.00	A	1,954,408
	Pittsburgh and Allegheny County Sports and Exhibition Authority, Pennsylvania, Parking Revenue Bonds, Series 2017:			
1,000	5.000%, 12/15/30	12/27 at 100.00	A-	1,122,680
500	5.000%, 12/15/33	12/27 at 100.00	A-	555,590
550	5.000%, 12/15/34	12/27 at 100.00	A-	608,465
1,000	5.000%, 12/15/36	12/27 at 100.00	A-	1,097,410
250	5.000%, 12/15/37	12/27 at 100.00	A-	273,750
49,105	Total Transportation			54,881,704
	U.S. Guaranteed – 19.6% (12.0% of Total Investments) (7)			
2,325	Allegheny County, Pennsylvania, General Obligation Bonds, Series 2011C-65, 5.375%, 5/01/31 (Pre-refunded 5/01/21)	5/21 at 100.00	N/R	2,504,002
6,025	Bethel Park School District, Allegheny County, Pennsylvania, General Obligation Bonds, Series 2009, 5.000%, 8/01/29 (Pre-refunded 8/01/19)	8/19 at 100.00	Aa2	6,150,862
	Bucks County Water and Sewer Authority, Pennsylvania, Revenue Bonds, Tender Option Bond Trust 2015-XF0123:			
1,665	10.123%, 12/01/29 (Pre-refunded 12/01/21) – AGM Insured, 144A (IF) (5)	12/21 at 100.00	AA	2,095,436
825	10.115%, 12/01/33 (Pre-refunded 12/01/21) – AGM Insured, 144A (IF) (5)	12/21 at 100.00	AA	1,038,065
4,100	Centre County Hospital Authority, Pennsylvania, Hospital Revenue Bonds, Mount Nittany Medical Center Project, Series 2011, 7.000%, 11/15/46 (Pre-refunded 11/15/21)	11/21 at 100.00	AA-	4,662,356
	Centre County, Pennsylvania, General Obligation Bonds, Series 2012B:			
310	4.000%, 7/01/24 (Pre-refunded 7/01/20)	7/20 at 100.00	AA	319,709
1,430	4.000%, 7/01/25 (Pre-refunded 7/01/20)	7/20 at 100.00	AA	1,474,788
915	4.000%, 7/01/26 (Pre-refunded 7/01/20)	7/20 at 100.00	AA	943,658
1,175	Chester County Health and Education Facilities Authority, Pennsylvania, Health System Revenue Bonds, Jefferson Health System, Series 2010A, 5.000%, 5/15/40 (Pre-refunded 5/15/20)	5/20 at 100.00	N/R	1,224,855
	Cumberland County Municipal Authority, Pennsylvania, Revenue Bonds, Diakon Lutheran Social Ministries Project, Series 2009:			
4,500	6.375%, 1/01/39 (Pre-refunded 1/01/19)	1/19 at 100.00	N/R	4,515,345
500	6.375%, 1/01/39 (Pre-refunded 1/01/19)	1/19 at 100.00	BBB+	501,705
3,280	Delaware River Port Authority, New Jersey and Pennsylvania, Revenue Bonds, Series 2010E, 5.000%, 1/01/40 (Pre-refunded	1/20 at 100.00	A+	3,387,650

Edgar Filing: NUVEEN PENNSYLVANIA QUALITY MUNICIPAL INCOME FUND - Form N-Q

	1/01/20)			
3,000	Erie County Hospital Authority, Pennsylvania, Hospital Revenue Bonds, Saint Vincent Health Center Project, Series 2010A, 7.000%, 7/20 at 100.00 N/R			3,227,970
	7/01/27 (Pre-refunded 7/01/20)			
3,385	Lancaster County Hospital Authority, Pennsylvania, Health System Revenue Bonds, Lancaster General Hospital Project, Tender Option Bond Trust 2015-XF0064, 10.251%, 7/01/42 (Pre-refunded	1/22 at 100.00 N/R		4,250,612
	1/01/22), 144A (IF)			

12

---

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	U.S. Guaranteed (7) (continued)			
	Monroe County Hospital Authority, Pennsylvania, Hospital Revenue Bonds, Pocono Medical Center, Series 2012A:			
\$ 365	4.000%, 1/01/25 (Pre-refunded 1/01/22)	1/22 at 100.00	N/R	\$385,320
3,000	5.000%, 1/01/41 (Pre-refunded 1/01/22)	1/22 at 100.00	N/R	3,255,840
	Montgomery County Higher Education and Health Authority, Pennsylvania, Hospital Revenue Bonds, Abington Memorial Hospital Obligated Group, Series 2012A, 5.000%, 6/01/31 (Pre-refunded 6/01/22)	6/22 at 100.00	N/R	4,087,073
1,130	Montgomery County Industrial Development Authority, Pennsylvania, FHA Insured Mortgage Revenue Bonds, New Regional Medical Center Project, Series 2010, 5.375%, 8/01/38 (Pre-refunded 8/01/20)	8/20 at 100.00	N/R	1,192,444
3,010	Pennsylvania Economic Development Financing Authority, Health System Revenue Bonds, Albert Einstein Healthcare, Series 2009A, 6.250%, 10/15/23 (Pre-refunded 10/15/19)	10/19 at 100.00	N/R	3,117,096
1,415	Pennsylvania Higher Educational Facilities Authority, Revenue Bonds, Drexel University, Series 2011A, 5.250%, 5/01/41 (Pre-refunded 5/01/21)	5/21 at 100.00	N/R	1,521,535
1,300	Pennsylvania Higher Educational Facilities Authority, Revenue Bonds, Edinboro University Foundation Student Housing Project, Series 2010, 6.000%, 7/01/43 (Pre-refunded 7/01/20)	7/20 at 100.00	N/R	1,375,621
	Pennsylvania Higher Educational Facilities Authority, Revenue Bonds, Foundation for Student Housing at Indiana University, Project Series 2012A:			
1,000	5.000%, 7/01/27 (Pre-refunded 7/01/22)	7/22 at 100.00	N/R	1,095,740
750	5.000%, 7/01/32 (Pre-refunded 7/01/22)	7/22 at 100.00	N/R	821,805
1,195	Pennsylvania Higher Educational Facilities Authority, Revenue Bonds, Philadelphia University, Refunding Series 2013, 5.000%, 6/01/32 (Pre-refunded 6/01/23)	6/23 at 100.00	N/R	1,339,535
420	Pennsylvania Higher Educational Facilities Authority, Revenue Bonds, Shippensburg University Student Services, Inc. Student Housing Project at Shippensburg University of Pennsylvania, Series 2012, 5.000%, 10/01/44 (Pre-refunded 10/01/22)	10/22 at 100.00	BBB-	463,226
2,015	Pennsylvania Higher Educational Facilities Authority, Revenue Bonds, Thomas Jefferson University, Series 2010, 5.000%, 3/01/40 (Pre-refunded 3/01/20)	3/20 at 100.00	A+	2,087,701
4,225	Pennsylvania Housing Finance Agency, Single Family Mortgage Revenue Bonds, Series 2015-117B, 4.150%, 10/01/45 (Pre-refunded 12/31/18)	12/18 at 100.00	AA+	4,232,647
	Pennsylvania Turnpike Commission, Motor License Fund-Enhanced Turnpike Special Revenue Bonds, Subordinate Series 2010A1&2:			
345	5.500%, 12/01/34 (Pre-refunded 12/01/20)	12/20 at 100.00	N/R	368,533
1,440	5.500%, 12/01/34 (Pre-refunded 12/01/20)	12/20 at 100.00	AA-	1,538,223
3,915	5.000%, 12/01/38 (Pre-refunded 12/01/19)		AA-	4,034,055

Edgar Filing: NUVEEN PENNSYLVANIA QUALITY MUNICIPAL INCOME FUND - Form N-Q

		12/19 at 100.00		
2,065	Pennsylvania Turnpike Commission, Motor License Fund-Enhanced Turnpike Special Revenue Bonds, Subordinate Series 2011B, 5.000%, 12/01/41 (Pre-refunded 12/01/21)	12/21 at 100.00	N/R	2,239,637
3,180	Pennsylvania Turnpike Commission, Motor License Fund-Enhanced Turnpike Special Revenue Bonds, Subordinate Series 2012A, 5.000%, 12/01/31 (Pre-refunded 12/01/21)	12/21 at 100.00	AA-	3,453,766
2,485	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds, Subordinate Lien, Refunding Series 2010B-1, 5.000%, 12/01/37 (Pre-refunded 12/01/19)	12/19 at 100.00	A	2,560,569
205	Philadelphia Gas Works, Pennsylvania, Revenue Bonds, Twelfth Series 1990B, 7.000%, 5/15/20 – NPFG Insured (ETM)	No Opt. Call	N/R	214,030
13				

---

NQP Nuveen Pennsylvania Quality Municipal Income Fund (continued)  
 Portfolio of Investments November 30, 2018  
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	U.S. Guaranteed (7) (continued)			
\$ 7,165	Philadelphia Hospitals and Higher Education Facilities Authority, Pennsylvania, Health System Revenue Bonds, Jefferson Health System, Series 2010B, 5.000%, 5/15/40 (Pre-refunded 5/15/20)	5/20 at 100.00	N/R	\$7,469,011
585	Philadelphia Hospitals and Higher Education Facilities Authority, Pennsylvania, Hospital Revenue Bonds, Presbyterian Medical Center of Philadelphia, Series 1993, 6.650%, 12/01/19 (ETM)	No Opt. Call	AA+	599,140
3,345	Philadelphia, Pennsylvania, General Obligation Bonds, Refunding Series 2011, 6.500%, 8/01/41 (Pre-refunded 8/01/20)	8/20 at 100.00	A	3,593,199
1,470	Puerto Rico, Highway Revenue Bonds, Highway and Transportation Authority, Series 2003AA, 5.500%, 7/01/19 – NPPFG Insured (ETM)	No Opt. Call	Baa2	1,499,929
55	Saint Mary Hospital Authority, Pennsylvania, Health System Revenue Bonds, Catholic Health East, Series 2010A: 5.000%, 11/15/40 (Pre-refunded 11/15/20)	11/20 at 100.00	N/R	58,103
605	5.000%, 11/15/40 (Pre-refunded 11/15/20)	11/20 at 100.00	AA-	639,128
1,613	South Fork Municipal Authority, Pennsylvania, Hospital Revenue Bonds, Conemaugh Valley Memorial Hospital, Series 2010, 5.500%, 7/01/29 (Pre-refunded 7/01/20)	7/20 at 100.00	N/R	1,698,263
3,130	Union County Hospital Authority, Pennsylvania, Hospital Revenue Bonds, Evangelical Community Hospital Project, Refunding & Improvement Series 2011: 6.875%, 8/01/31 (Pre-refunded 8/01/21)	8/21 at 100.00	A-	3,513,488
2,500	7.000%, 8/01/41 (Pre-refunded 8/01/21)	8/21 at 100.00	A-	2,811,550
325	West Shore Area Authority, Cumberland County, Pennsylvania, Hospital Revenue Bonds, Holy Spirit Hospital of the Sisters of Christian Charity Project, Series 2011: 6.250%, 1/01/31 (Pre-refunded 1/01/21)	1/21 at 100.00	AA	352,862
4,555	6.500%, 1/01/36 (Pre-refunded 1/01/21)	1/21 at 100.00	AA	4,967,546
1,930	Westmoreland County Municipal Authority, Pennsylvania, Municipal Service Revenue Bonds, Tender Option Bond Trust 2016-XF1058, 12.330%, 8/15/37 (Pre-refunded 8/15/23), 144A (IF) (5)	8/23 at 100.00	A+	2,890,580
1,110	Wilkes-Barre Finance Authority, Pennsylvania, Revenue Bonds, University of Scranton, Series 2010, 5.000%, 11/01/40 (Pre-refunded 11/01/20)	11/20 at 100.00	A-	1,173,525
99,013	Total U.S. Guaranteed Utilities – 8.8% (5.3% of Total Investments)			106,947,733
2,540	Beaver County Industrial Development Authority, Pennsylvania, Pollution Control Revenue Bonds, FirstEnergy Nuclear Generation Project, Refunding Series 2005A, 4.000%, 1/01/35 (Mandatory Put 7/01/21) (4)	No Opt. Call	N/R	1,746,250
3,000	Beaver County Industrial Development Authority, Pennsylvania, Pollution Control Revenue Refunding Bonds, FirstEnergy Nuclear	No Opt. Call	N/R	2,910,000

Edgar Filing: NUVEEN PENNSYLVANIA QUALITY MUNICIPAL INCOME FUND - Form N-Q

	Generation Project, Series 2006A, 4.375%, 1/01/35 (Mandatory Put 7/01/22) (4)			
6,210	Beaver County Industrial Development Authority, Pennsylvania, Pollution Control Revenue Refunding Bonds, FirstEnergy Nuclear Generation Project, Series 2006B, 3.500%, 12/01/35 (Mandatory Put 6/01/20) (4)	No Opt. Call	N/R	4,269,375
9,855	Beaver County Industrial Development Authority, Pennsylvania, Pollution Control Revenue Refunding Bonds, FirstEnergy Nuclear Generation Project, Series 2008A, 2.700%, 4/01/35 (4)	No Opt. Call	N/R	6,775,313

14

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Utilities (continued)			
\$ 7,250	Delaware County Industrial Development Authority, Pennsylvania, Revenue Bonds, Covanta Project, Refunding Series 2015A, 5.000%, 7/01/43	7/20 at 100.00	BB-	\$7,284,582
4,015	Luzerne County Industrial Development Authority, Pennsylvania, Water Facility Revenue Refunding Bonds, Pennsylvania-American Water Company, Series 2009, 5.500%, 12/01/39	12/19 at 100.00	A+	4,135,852
2,220	Pennsylvania Economic Development Financing Authority, Exempt Facilities Revenue Refunding Bonds, PPL Energy Supply, LLC Project, Series 2009A, 6.400%, 12/01/38	9/25 at 100.00	B+	2,224,529
4,575	Pennsylvania Economic Development Financing Authority, Water Facilities Revenue Bonds, Aqua Pennsylvania, Inc. Project, Series 2009A, 5.000%, 10/01/39	10/19 at 100.00	AA-	4,671,441
5,000	Pennsylvania Economic Development Financing Authority, Water Facilities Revenue Bonds, Aqua Pennsylvania, Inc. Project, Series 2009B, 5.000%, 11/15/40	11/19 at 100.00	AA-	5,119,050
5,000	Philadelphia Gas Works, Pennsylvania, Revenue Bonds, General Ordinance, Fifteenth Series 2017, 5.000%, 8/01/47	8/27 at 100.00	A	5,427,400
2,735	Philadelphia Gas Works, Pennsylvania, Revenue Bonds, Refunding Thirteenth Series 2015, 5.000%, 8/01/29	8/25 at 100.00	A	3,062,817
52,400	Total Utilities			47,626,609
	Water and Sewer – 11.5% (7.1% of Total Investments)			
	Allegheny County Sanitary Authority, Pennsylvania, Sewer Revenue Bonds, Refunding Series 2015:			
3,325	5.000%, 12/01/40	12/25 at 100.00	A+	3,636,253
3,320	5.000%, 12/01/45	12/25 at 100.00	A+	3,615,746
	Delaware County Regional Water Quality Control Authority, Pennsylvania, Sewer Revenue Bonds, Series 2015:			
1,110	5.000%, 5/01/40	5/25 at 100.00	Aa3	1,217,492
2,220	4.000%, 5/01/45	5/25 at 100.00	Aa3	2,237,427
260	Findlay Township Municipal Authority, Allegheny County, Pennsylvania, Revenue Bonds, Series 2015, 3.375%, 12/15/35 – BAM Insured	12/20 at 100.00	AA	253,136
	Lehigh County Authority, Pennsylvania, Water and Sewer Revenue Bonds, Allentown Concession, Capital Appreciation Series 2013B:			
7,295	0.000%, 12/01/34	No Opt. Call	A	3,794,130
4,420	0.000%, 12/01/35	No Opt. Call	A	2,184,850
12,500	Lehigh County Authority, Pennsylvania, Water and Sewer Revenue Bonds, Allentown Concession, Series 2013A, 5.125%, 12/01/47	12/23 at 100.00	A	13,614,000
1,100	Pennsylvania Economic Development Financing Authority, Sewage Sludge Disposal Revenue Bonds, Philadelphia Biosolids Facility Project, Series 2009, 6.250%, 1/01/32	1/20 at 100.00	BBB+	1,133,495
6,560	Philadelphia, Pennsylvania, Water and Wastewater Revenue Bonds, Series 2011A, 5.000%, 1/01/41	1/21 at 100.00	A+	6,829,944
2,500		1/22 at 100.00	A+	2,646,575

Edgar Filing: NUVEEN PENNSYLVANIA QUALITY MUNICIPAL INCOME FUND - Form N-Q

Philadelphia, Pennsylvania, Water and Wastewater Revenue  
Bonds, Series 2013A, 5.125%, 1/01/43

Philadelphia, Pennsylvania, Water and Wastewater Revenue  
Bonds, Series 2018A:

5,000	5.000%, 10/01/48 (UB) (5)	10/28 at 100.00 A+	5,505,100
7,000	5.000%, 10/01/53 (UB) (5)	10/28 at 100.00 A+	7,652,960

---

15



NQP Nuveen Pennsylvania Quality Municipal Income Fund (continued)  
 Portfolio of Investments November 30, 2018  
 (Unaudited)

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Water and Sewer (continued)			
\$ 5,000	Pittsburgh Water and Sewer Authority, Pennsylvania, Water and Sewer System Revenue Bonds, First Lien Series 2013B, 5.250%, 9/01/40	9/23 at 100.00	A	\$5,493,550
2,840	Robinson Township Municipal Authority, Allegheny County, Pennsylvania, Water and Sewer Revenue Bonds, Series 2014, 4.000%, 5/15/40 – BAM Insured	11/19 at 100.00	AA	2,835,002
140	Robinson Township Municipal Authority, Allegheny County, Pennsylvania, Water and Sewer Revenue Bonds, Series 2017, 3.375%, 5/15/32 – AGM Insured	5/26 at 100.00	AA	140,963
64,590	Total Water and Sewer			62,790,623
\$ 870,117	Total Long-Term Investments (cost \$873,529,769)			890,113,553
	Floating Rate Obligations – (16.9)%			(91,845,000)
	Variable Rate MuniFund Term Preferred Shares, net of deferred offering costs – (16.0)% (8)			(86,994,473)
	Variable Rate Demand Preferred Shares, net of deferred offering costs – (39.8)% (9)			(216,673,771)
	Other Assets Less Liabilities – 9.2% (10)			49,691,660
	Net Asset Applicable to Common Shares – 100%			\$ 544,291,969

## Investments in Derivatives

## Futures Contracts

Description	Contract Position	Number of Contracts	Expiration Date	Notional Amount	Value	Unrealized Appreciation (Depreciation)	Variation Margin Receivable/ (Payable)
U.S Treasury Long Bond Short		(122)	3/19	\$(16,960,384)	\$(17,068,563)	\$(108,178)	\$(49,563)

## Interest Rate Swaps - OTC Uncleared

Counterparty	Notional Amount	Fund Pay/Receive Floating Rate	Floating Rate Index	Fixed Rate (Annualized)	Fixed Rate Payment Frequency (11)	Effective Date	Optional Termination Date	Maturity Date	Value	Unrealized Appreciation (Depreciation)
JPMorgan Chase Bank, N.A.	\$20,300,000	Receive	3-Month SIFMA	2.038%	Quarterly	12/14/18	1/11/19	12/14/28	\$435,872	\$435,872

## 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, credit spreads, etc.).

Level 3 – Prices are determined using significant unobservable inputs (including management's assumptions in determining the fair value of investments).

16

---

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	\$ —	\$890,113,553	\$ —	\$890,113,553
Investments in Derivatives:				
Futures Contracts*	(108,178)	—	—	(108,178)
Interest Rate Swaps*	—	435,872	—	435,872
Total	\$(108,178)	\$890,549,425	\$ —	\$890,441,247

\*Represents net unrealized appreciation (depreciation).

#### 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 November 30, 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	\$781,119,785
Gross unrealized:	
Appreciation	\$ 31,532,211
Depreciation	(14,383,469)
Net unrealized appreciation (depreciation) of investments	\$ 17,148,742

Tax cost of futures contracts	\$(108,178)
Net unrealized appreciation (depreciation) of futures contracts	—

Tax cost of swaps	\$ —
Net unrealized appreciation (depreciation) of swaps	435,872

NQPNuveen Pennsylvania Quality Municipal Income Fund (continued)

Portfolio of Investments November 30, 2018

(Unaudited)

- (1) All percentages shown in the Portfolio of Investments are based on net assets applicable to common shares unless otherwise noted.
  - (2) Optional Call Provisions: Dates (month and year) and prices of the earliest optional call or redemption. There may be other call provisions at varying prices at later dates. Certain mortgage-backed securities may be subject to periodic principal paydowns.  
For financial reporting purposes, the ratings disclosed are the highest of Standard & Poor's Group ("Standard & Poor's"), Moody's Investors Service, Inc. ("Moody's") or Fitch, Inc. ("Fitch") rating. This treatment of split-rated securities may differ from that used for other purposes, such as for Fund investment policies. 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.
  - (3) 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 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.
  - (4) Investment, or portion of investment, has been pledged to collateralize the net payment obligations for investments in derivatives and/or inverse floating rate transactions.
  - (5) 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.
  - (6) 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.
  - (7) Variable Rate MuniFund Term Preferred Shares, net of deferred offering costs as a percentage of Total Investments is 9.8%.
  - (8) Variable Rate Demand Preferred Shares, net of deferred offering costs as a percentage of Total Investments is 24.3%.
  - (9) 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.
  - (10) Effective date represents the date on which both the Fund and counterparty commence interest payment accruals on each contract.
  - (11) Investment is exempt from registration under Rule 144A of the Securities Act of 1933, as amended. These 144A investments may only be resold in transactions exempt from registration, which are normally those transactions with qualified institutional buyers.
  - ETM Escrowed to maturity.
  - IF 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.
- 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.

