Nuveen New York Municipal Value Fund 2 Form N-Q August 27, 2010

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 811-22271

Nuveen New York Municipal Value Fund 2 (Exact name of registrant as specified in charter)

Nuveen Investments 333 West Wacker Drive, Chicago, Illinois 60606 (Address of principal executive offices) (Zip code)

Kevin J. McCarthy
Vice President and Secretary
333 West Wacker Drive, Chicago, Illinois 60606
(Name and address of agent for service)

Registrant's telephone number, including area code: 312-917-7700

Date of fiscal year end: 9/30

Date of reporting period: 6/30/10

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

Amount (000) Description (1)

Principal

Portfolio of Investments (Unaudited)

June 30, 2010

Nuveen New York Municipal Value Fund 2, Inc. (NYV)

Consumer Staples – 3.5% (3.6% of Total Investments)

\$ 1,350	District of Columbia Tobacco Settlement Corporation, Tobacco Settlement Asset-Backed Bonds,
	Series 2001, 6.500%, 5/15/33
	Education and Civic Organizations – 12.2% (12.3% of Total Investments)
1,200	Albany Industrial Development Agency, New York, Revenue Bonds, Brighter Choice Charter
	Schools, Series 2007A, 5.000%, 4/01/37
1,000	Dormitory Authority of the State of New York, Lease Revenue Bonds, State University Dormitory
	Facilities, Series 2007, 5.000%, 7/01/37
1,500	Dormitory Authority of the State of New York, Revenue Bonds, New York University, Series
	2008A, 5.000%, 7/01/38
5,095	New York City Industrial Development Agency, New York, Revenue Bonds, Yankee Stadium Project
	Pilot, Series 2009A, 0.000%, 3/01/40 – AGC Insured
8,795	Total Education and Civic Organizations
	Energy – 2.7% (2.8% of Total Investments)
1,000	Virgin Islands Public Finance Authority, Revenue Bonds, Refinery Project – Hovensa LLC, Series
	2003, 6.125%, 7/01/22 (Alternative Minimum Tax)
	Health Care – 20.3% (20.5% of Total Investments)
500	Dormitory Authority of the State of New York, FHA-Insured Revenue Bonds, St. Lukes Roosevelt
	Hospital, Series 2005, 4.900%, 8/15/31
50	Dormitory Authority of the State of New York, Highland Hospital of Rochester Revenue Bonds,
	Series 2010, 5.000%, 7/01/26
1,000	Dormitory Authority of the State of New York, Insured Revenue Bonds, Franciscan Health
	Partnership Obligated Group – Frances Shervier Home and Hospital, Series 1997, 5.500%,
	7/01/27 – RAAI Insured
1,500	Dormitory Authority of the State of New York, Revenue Bonds, North Shore Long Island Jewish
	Obligated Group, Series 2006B, 5.000%, 11/01/34
1,500	Dormitory Authority of the State of New York, Revenue Bonds, North Shore Long Island Jewish
	Obligated Group, Series 2009A, 5.500%, 5/01/37
1,010	Dormitory Authority of the State of New York, Revenue Bonds, NYU Hospitals Center, Series
	2007B, 5.625%, 7/01/37
700	Hospital Authority of Delaware County, Indiana, Hospital Revenue Bonds, Cardinal Health
	System, Series 2006, 5.000%, 8/01/24
725	Illinois Finance Authority, Revenue Bonds, OSF Healthcare System, Series 2007A,

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5 00	5.750%, 11/15/37	,
500	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, ProHealth Care, Inc.	4
- 40-	Obligated Group, Series 2009, 6.625%, 2/15/32	
7,485	Total Health Care	
	Housing/Multifamily – 12.9% (13.1% of Total Investments)	
1,500	New York City Housing Development Corporation, New York, FNMA Backed Progress of Peoples	11
	Development Multifamily Rental Housing Revenue Bonds, Series 2005B, 4.950%, 5/15/36	
	(Alternative Minimum Tax)	
1,800	New York City Housing Development Corporation, New York, Multifamily Housing Revenue Bonds,	11
	Series 2004-H2, 5.125%, 11/01/34 (Alternative Minimum Tax)	
1,000	New York State Housing Finance Agency, Affordable Housing Revenue Bonds, Series 2009A,	
450	5.250%, 11/01/41	,
450	New York State Housing Finance Agency, Affordable Housing Revenue Bonds, Series 2009B,	:
4.7750	4.500%, 11/01/29	
4,/50	Total Housing/Multifamily	
1.500	Tax Obligation/General – 7.2% (7.3% of Total Investments)	
	New York City, New York, General Obligation Bonds, Fiscal 2009 Series J1, 5.000%, 5/15/36	(
	New York City, New York, General Obligation Bonds, Fiscal 2010 Series C, 5.000%, 8/01/23	7
2,500	Total Tax Obligation/General	
1 200	Tax Obligation/Limited – 26.0% (26.3% of Total Investments)	,
1,200	Dormitory Authority of the State of New York, State Personal Income Tax Revenue Bonds, Series 2009A, 5.000%, 3/15/38	Ž
1.200	Guam Government, Limited Obligation Section 30 Revenue Bonds, Series 2009A, 5.750%, 12/01/34	12
	Hudson Yards Infrastructure Corporation, New York, Revenue Bonds, Series 2006A, 5.000%, 2/15/47	2
	New York City Transitional Finance Authority, New York, Building Aid Revenue Bonds, Fiscal	
,	Series 2009-S5, 5.250%, 1/15/39	
2,000	New York State Urban Development Corporation, State Personal Income Tax Revenue Bonds, Tender	3
	Option Bond Trust 09-6W, 12.779%, 3/15/37 (IF)	
1,500	Puerto Rico Sales Tax Financing Corporation, Sales Tax Revenue Bonds, First Subordinate Series	8
	2009A, 6.000%, 8/01/42	
9,110	Total Tax Obligation/Limited	
	Transportation – 11.0% (11.2% of Total Investments)	
	New York City Industrial Development Agency, New York, American Airlines-JFK International	
	Airport Special Facility Revenue Bonds, Series 2005:	
500	7.500%, 8/01/16 (Alternative Minimum Tax)	
500	7.750%, 8/01/31 (Alternative Minimum Tax)	8
2,000	New York City Industrial Development Agency, New York, Civic Facility Revenue Bonds, Bronx	10
	Parking Development Company, LLC Project, Series 2007, 5.750%, 10/01/37	
1,325	Triborough Bridge and Tunnel Authority, New York, General Purpose Revenue Bonds, Refunding	4
	Series 2008A, 5.000%, 11/15/33	
4,325	Total Transportation	

Water and Sewer -2.8% (2.9% of Total Investments)

- 1,000 New York City Municipal Water Finance Authority, New York, Water and Sewerage System Revenue Bonds, Second Generation Resolution, Series 2009FF, 5.000%, 6/15/40
- \$ 40,315 Total Investments (cost \$32,991,354) 98.6%

Other Assets Less Liabilities – 1.4%

Net Assets Applicable to Common Shares – 100%

Fair Value Measurements

In determining the value of the Fund's investments, various inputs are used. These inputs are summarized in the three broad levels listed below:

Level 1 – Quoted prices in active markets for identical securities.

Level 2 – Other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).

Level 3 – Significant unobservable inputs (including management's assumptions in determining the fair value of investments).

The inputs or methodologies used for valuing securities are not an indication of the risk associated with investing in those securities. The following is a summary of the Fund's fair value measurements as of June 30, 2010:

	Level 1	Level 2	Level 3	Total
Investments:				
Municipal Bonds	\$ \$.	36,507,672	\$ -\$36	5,507,672

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.

At June 30, 2010, the cost of investments was \$32,948,192.

Gross unrealized appreciation and gross unrealized depreciation of investments at June 30, 2010, were as follows:

Gross unrealized:

Appreciation \$3,562,469

Depreciation (2,989)

Net unrealized appreciation (depreciation) of investments \$3,559,480

(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.
- (3) Ratings: Using the highest of Standard & Poor's Group ("Standard & Poor's"), Moody's Investor 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.
- N/R Not rated.
- (IF) Inverse floating rate investment.

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 New York Municipal Value Fund 2

By (Signature and Title) /s/ Kevin J. McCarthy

Kevin J. McCarthy

Vice President and Secretary

Date August 27, 2010

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/ Gifford R. Zimmerman

Gifford R. Zimmerman

Chief Administrative Officer (principal executive officer)

Date August 27, 2010

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

Stephen D. Foy

Vice President and Controller (principal financial officer)

Date August 27, 2010