

Kayne Anderson MLP Investment CO
 Form 4
 October 21, 2009

FORM 4

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549**

OMB APPROVAL

OMB Number: 3235-0287
 Expires: January 31, 2005
 Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
BANK OF AMERICA CORP /DE/

2. Issuer Name and Ticker or Trading Symbol
Kayne Anderson MLP Investment CO [KYN]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)
10/09/2009

____ Director
 ____ Officer (give title below)
 10% Owner
 ____ Other (specify below)

**BANK OF AMERICA
 CORPORATE CENTER, 100 N
 TRYON ST**

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 ____ Form filed by More than One Reporting Person

CHARLOTTE, NC 28255

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code				4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			Code	V	Amount	Price				
Common Stock	10/09/2009	10/09/2009	S		110	D	\$ 21.25	0	I	By Subsidiary
Common Stock	10/09/2009	10/09/2009	S		340	D	\$ 21.26	0	I	By Subsidiary
Common Stock	10/09/2009	10/09/2009	S		100	D	\$ 21.2629	0	I	By Subsidiary
Common Stock	10/09/2009	10/09/2009	S		200	D	\$ 21.27	0	I	By Subsidiary
	10/16/2009	10/16/2009	P		550	A	\$ 21.47	0	I	

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Common Stock									By Subsidiary
Common Stock	10/16/2009	10/16/2009	P	200	A	\$ 21.5	0	I	By Subsidiary

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Following Reporting Date (Instr. 6)
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Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

BANK OF AMERICA CORP /DE/
BANK OF AMERICA CORPORATE CENTER
100 N TRYON ST
CHARLOTTE, NC 28255

X

Signatures

/s/Angelina Richardson, Vice President on behalf of Bank of America Corporation 10/21/2009
 **Signature of Reporting Person Date

/s/Robert Shine, Attorney in Fact on behalf of Merrill Lynch, Pierce, Fenner & Smith, Inc. 10/21/2009
 **Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Remarks:

The transactions reported on this Form 4 were effected by Merrill Lynch, Pierce, Fenner & Smith Incorporated, an indirect, wh

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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