

Kayne Anderson MLP Investment CO
 Form 4
 August 05, 2015

FORM 4

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

OMB APPROVAL

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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 *
 McCarthy Kevin S

(Last) (First) (Middle)

C/O KAYNE ANDERSON
 CAPITAL ADVISORS, LP, 1800
 AVENUE OF THE STARS, THIRD
 FLOOR

(Street)

LOS ANGELES, CA 90067

(City) (State) (Zip)

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

3. Date of Earliest Transaction
 (Month/Day/Year)
 08/03/2015

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner
 Officer (give title below) Other (specify below)
 Chairman, President and CEO

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

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 (Instr. 8)	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 Indirect Ownership (Instr. 4)
Common Stock	08/03/2015		P	60,000 A	\$ 27.64 155,437	D	
Common Stock	08/04/2015		P	30,000 A	\$ 27.79 185,437	D	
Common Stock					9,543	I	Spouse

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

