

Report of Organizational Actions Affecting Basis of Securities

▶ See separate instructions.

Part I Reporting Issuer

1 Issuer's name Kayne Anderson MLP Investment Company		2 Issuer's employer identification number (EIN) 56-2474626	
3 Name of contact for additional information Terry Hart	4 Telephone No. of contact 1-877-657-3863	5 Email address of contact CEF@kaynecapital.com	
6 Number and street (or P.O. box if mail is not delivered to street address) of contact 811 Main Street, 14th Floor		7 City, town, or post office, state, and Zip code of contact Houston, TX 77002	
8 Date of action See below		9 Classification and description Common and Preferred Stock	
10 CUSIP number 486606106 (Common)	11 Serial number(s) 	12 Ticker symbol KYN (Common)	13 Account number(s)

Part II Organizational Action Attach additional statements if needed. See back of form for additional questions.

14 Describe the organizational action and, if applicable, the date of the action or the date against which shareholders' ownership is measured for the action ▶ **Kayne Anderson MLP Investment Company (KYN) paid distributions to common and preferred shareholders during 2016 that were determined to be nontaxable upon computation of KYN's earnings and profits after the 2016 tax year-end. See Part II, Line 15 for the ownership record dates and amounts of distributions per share of common stock. See the attached statement for the record dates and amounts of distributions per share of preferred stock.**

15 Describe the quantitative effect of the organizational action on the basis of the security in the hands of a U.S. taxpayer as an adjustment per share or as a percentage of old basis ▶ **A shareholder's basis in KYN common stock is reduced by the nontaxable distributions paid per share as follows:**
\$0.55 with a record date of 1/8/16 payable 1/15/16
\$0.55 with a record date of 4/6/16 payable 4/15/16
\$0.55 with a record date of 7/8/16 payable 7/15/16
\$0.55 with a record date of 10/7/16 payable 10/14/16

See the attached statement for record dates and amounts per share of nontaxable distributions paid to preferred shareholders.

16 Describe the calculation of the change in basis and the data that supports the calculation, such as the market values of securities and the valuation dates ▶ **KYN's earnings and profits were calculated pursuant to IRC Section 312, and regulations thereunder. Amounts in excess of earnings and profits are treated as return of capital and reduce the shareholder's tax basis in its shares to the extent of basis.**

Part II Organizational Action (continued)

17 List the applicable Internal Revenue Code section(s) and subsection(s) upon which the tax treatment is based ▶ Tax treatment is based upon IRC Section 301 (c) and 316 (a).

18 Can any resulting loss be recognized? ▶ No

19 Provide any other information necessary to implement the adjustment, such as the reportable tax year ▶ These actions are effective on the date of distributions identified in Part II, Line 15 for KYN common stock and on the attached statement for KYN preferred stock.

Sign Here

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than officer) is based on all information of which preparer has any knowledge.

Signature ▶  Date ▶ 6-18-19

Print your name ▶ Terry A. Hart Title ▶ Chief Financial Officer and Treasurer

Paid Preparer Use Only	Print/Type preparer's name	Preparer's signature	Date	Check <input type="checkbox"/> if self-employed	PTIN
	Firm's name ▶				Firm's EIN ▶
	Firm's address ▶				Phone no.

FORM 8937 - ADDITIONAL STATEMENT
Report of Organizational Actions Affecting Basis of Securities

Kayne Anderson MLP Investment Company (KYN)
Mandatory Redeemable Preferred Stock Series E, Series F and Series G

Part II, Line 15:

A shareholder's basis in KYN preferred stock Series E, Series F and Series G is reduced by the nontaxable distributions paid per share for each series, as indicated in the last column of each chart below:

Series E - Redeemed 1/15/2016⁽¹⁾				Distributions	Nontaxable
CUSIP: 486606502	Ex-Date	Record Date	Payable Date	Per Share	Distributions
KYN.PRE	12/11/2015	12/15/2015	1/4/2016	\$ 0.088542	\$ 0.088542
KYN.PRE	12/11/2015	12/15/2015	1/15/2016	0.041319	0.041319
Totals				\$ 0.129861	\$ 0.129861

(1) This partial distribution was paid only to Series E MRP shares redeemed on January 15, 2016.

(See Press Release dated 12/16/15).

Series E - Redeemed 2/12/2016⁽²⁾				Distributions	Nontaxable
Ex-Date	Record Date	Payable Date	Per Share	Distributions	Distributions
KYN.PRE	12/11/2015	12/15/2015	1/4/2016	0.088542	0.088542
KYN.PRE	1/13/2016	1/15/2016	2/1/2016	0.088542	0.088542
KYN.PRE	1/13/2016	1/15/2016	2/12/2016	0.032465	0.032465
Totals				\$ 0.209549	\$ 0.209549

(2) This partial distribution was paid only to Series E MRP shares redeemed on February 12, 2016.

(See Press Release dated 1/12/16).

Series F MRPS				Distributions	Nontaxable
CUSIP: 486606601	Ex-Date	Record Date	Payable Date	Per Share	Distributions
KYN.PRF	12/11/2015	12/15/2015	1/4/2016	\$ 0.072917	\$ 0.072917
KYN.PRF	1/13/2016	1/15/2016	2/1/2016	0.072917	0.072917
KYN.PRF	2/10/2016	2/12/2016	3/1/2016	0.072917	0.072917
KYN.PRF	3/11/2016	3/15/2016	4/1/2016	0.072917	0.072917
KYN.PRF	4/13/2016	4/15/2016	5/2/2016	0.072917	0.072917
KYN.PRF	5/11/2016	5/13/2016	6/1/2016	0.072917	0.072917
KYN.PRF	6/13/2016	6/15/2016	7/1/2016	0.072917	0.072917
KYN.PRF	7/13/2016	7/15/2016	8/1/2016	0.072917	0.072917
KYN.PRF	8/11/2016	8/15/2016	9/1/2016	0.072917	0.072917
KYN.PRF	9/13/2016	9/15/2016	10/3/2016	0.072917	0.072917
KYN.PRF	10/12/2016	10/14/2016	11/1/2016	0.072917	0.072917
KYN.PRF	11/11/2016	11/15/2016	12/1/2016	0.072917	0.072917
Totals				\$ 0.875004	\$ 0.875004

Series G MRPS				Distributions	Nontaxable
CUSIP: 486606700	Ex-Date	Record Date	Payable Date	Per Share	Distributions
KYN.PRG	12/11/2015	12/15/2015	1/4/2016	\$ 0.095834	\$ 0.095834
KYN.PRG	1/13/2016	1/15/2016	2/1/2016	0.095834	0.095834
KYN.PRG	2/10/2016	2/12/2016	3/1/2016	0.095834	0.095834
KYN.PRG	3/11/2016	3/15/2016	4/1/2016	0.095834	0.095834
KYN.PRG	4/13/2016	4/15/2016	5/2/2016	0.095834	0.095834
KYN.PRG	5/11/2016	5/13/2016	6/1/2016	0.095834	0.095834
KYN.PRG	6/13/2016	6/15/2016	7/1/2016	0.095834	0.095834
KYN.PRG	7/13/2016	7/15/2016	8/1/2016	0.095834	0.095834
KYN.PRG	8/11/2016	8/15/2016	9/1/2016	0.095834	0.095834
KYN.PRG	9/13/2016	9/15/2016	10/3/2016	0.095834	0.095834
Totals				\$ 0.958340	\$ 0.958340

Series G - Redeemed 10/3/2016⁽³⁾				Distributions	Nontaxable
Ex-Date	Record Date	Payable Date	Per Share	Distributions	Distributions
KYN.PRG	9/13/2016	9/15/2016	10/3/2016	\$ 0.006389	\$ 0.006389

(3) This additional distribution was paid only to Series G MRP shares redeemed on October 3, 2016.