Kayne Anderson MLP	Investment CO
Form N-PX	
July 27, 2018	

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UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, DC 20549

FORM N-PX

ANNUAL REPORT OF PROXY VOTING RECORD OF REGISTERED MANAGEMENT

INVESTMENT COMPANY

Investment Company Act file number 811-21593

Kayne Anderson MLP Investment Company

(Exact name of registrant as specified in charter)

811 Main Street, 14th Floor Houston, Texas 77002

(Address of principal executive offices) (Zip code)

Michael O'Neil

KA Fund Advisors, LLC

1800 Avenue of the Stars, Third Floor Los Angeles, California 90067

(Name and address of agent for service)

Registrant's telephone number, including area code: (310) 282-7905

Date of fiscal year end: November 30

Date of reporting period: July 1, 2017 – June 30, 2018

Form N-PX is to be used by a registered management investment company, other than a small business investment company registered on Form N-5 (ss.ss. 239.24 and 274.5 of this chapter), to file reports with the Commission, not later than August 31 of each year, containing the registrant's proxy voting record for the most recent twelve-month period ended June 30, pursuant to section 30 of the Investment Company Act of 1940 and rule 30b1-4 thereunder (17 CFR 270.30b1-4). The Commission may use the information provided on Form N-PX in its regulatory, disclosure review, inspection, and policymaking roles.

A registrant is required to disclose the information specified by Form N-PX, and the Commission will make this information public. A registrant is not required to respond to the collection of information contained in Form N-PX 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. ss. 3507.

ITEM 1. PROXY VOTING RECORD.

Disclose the following information for each matter relating to a portfolio security considered at any shareholder meeting held during the period covered by the report and with respect to which the registrant was entitled to vote:
(a) The name of the issuer of the portfolio security;
(b) The exchange ticker symbol of the portfolio security;
(c) The Council on Uniform Securities Identification Procedures ("CUSIP") number for the portfolio security;
(d) The shareholder meeting date;
(e) A brief identification of the matter voted on;
(f) Whether the matter was proposed by the issuer or by a security holder;
(g) Whether the registrant cast its vote on the matter;
(h) How the registrant cast its vote (e.g., for or against proposal, or abstain; for or withhold regarding election of directors); and
(i) Whether the registrant cast its vote for or against management.

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[See General Instruction F]

Pursuant to the requirements of 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) Kayne Anderson MLP Investment Company

By (Signature and /s/ Kevin S. McCarthy Title)*

Kevin S. McCarthy,

Chairman and Chief Executive Officer

Date July 25, 2018

^{*}Print the name and title of each signing officer under his or her signature.

Kayne Anderson MLP Investment Company

Proxy Voting Record

July 1, 2017 - June 30, 2018

			ND Meeting Mattern		Proposed by	Vote	How	
Issuer	Symbol	CUSIP	Date		Matter:	(I)ssuer or (S)hrhldr	Cast?	Voted
HOEGH LNG PARTNERS LP	HMLP	Y3262R100	9/15/2017	1	TO ELECT:	I	YES	FOR
					DAVID SPIVAK AS A CLASS III DIRECTOR OF HOEGH LNG PARTNERS LP, WHOSE TERM WILL EXPIRE AT THE 2021 ANNUAL MEETING OF LIMITED PARTNERS.			
WESTERN GAS PARTNERS, LP	WES	958254104	10/17/2017	1	TO APPROVE: THE WESTERN GAS PARTNERS, LP 2017	I	YES	FOR
					LONG-TERM INCENTIVE PLAN (THE LTIP PROPOSAL)			
				2	TO APPROVE:	I	YES	FOR
					THE ADJOURNMENT OF THE SPECIAL MEETING TO A LATER DATE OR DATES, IF NECESSARY OR APPROPRIATE, TO SOLICIT ADDITIONAL PROXIES IN THE EVENT THERE ARE NOT SUFFICIENT VOTES AT THE TIME OF THE SPECIAL MEETING TO APPROVE THE LTIP PROPOSAL			

GOLAR LNG PARTNERS LP	GLMP	Y2745C102	9/27/2017	1	TO ELECT: CARL STEEN AS A CLASS II DIRECTOR OF THE PARTNERSHIP WHOSE TERM WILL EXPIRE AT THE 2020 ANNUAL MEETING OF LIMITED PARTNERS.	I	YES	FOR
DYNAGAS LNG PARTNERS LP	DLNG	Y2188B108	12/07/17	1	TO ELECT: LEVON DEDEGIAN AS A CLASS III DIRECTOR TO SERVE FOR A THREE-YEAR TERM UNTIL THE 2020 ANNUAL MEETING OF LIMITED PARTNERS	I	YES	FOR
				2	TO APPROVE: THE APPOINTMENT OF ERNST & YOUNG (HELLAS) CERTIFIED AUDITORS ACCOUNTANTS S.A. AS THE PARTNERSHIP'S INDEPENDENT AUDITORS FOR THE FISCAL YEAR ENDING DECEMBER 31, 2017	I	YES	FOR
ARC LOGISTICS PARTNERS LP	ARCX	03879N101	12/18/2017	1	APPROVE: THE PURCHASE AGREEMENT AND PLAN OF MERGER DATED AS OF AUGUST 29, 2017, BY AND AMONG ZENITH ENERGY U.S., L.P., ZENITH ENERGY U.S. GP, LLC, ZENITH ENERGY U.S. LOGISTICS HOLDINGS, LLC, ZENITH ENERGY U.S. LOGISTICS, LLC, ARC LOGISTICS PARTNERS LP, ARC LOGISTICS GP LLC,	I	YES	FOR

LIGHTFOOT CAPITAL
PARTNERS, LP AND ...(DUE TO
SPACE LIMITS, SEE PROXY
STATEMENT FOR FULL
PROPOSAL).

MAGELLAN MIDSTREAM PARTNERS, L.P.	MMP	559080106	4/26/2018	1	DIRECTOR:	I	YES	FOR
					ROBERT G. CROYLE			
					STACY P. METHVIN			
					BARRY R. PEARL			
				2	ADVISORY RESOLUTION TO APPROVE:	I	YES	FOR
					EXECUTIVE COMPENSATION			
				3	RATIFICATION OF:	I	YES	FOR
					APPOINTMENT OF INDEPENDENT AUDITOR			
KINDER MORGAN, INC.	KMI	49456B101	5/9/2018	1a	ELECTION OF DIRECTOR:	I	YES	FOR
					RICHARD D. KINDER			
				1b	ELECTION OF DIRECTOR: STEVEN J. KEAN	I	YES	FOR
				1c	ELECTION OF DIRECTOR: KIMBERLY A. DANG	I	YES	FOR
				1d	ELECTION OF DIRECTOR: TED A. GARDNER	I	YES	FOR
				1e	ELECTION OF DIRECTOR: ANTHONY W. HALL, JR.	I	YES	FOR
				1f	ELECTION OF DIRECTOR:	I	YES	FOR

GARY L. HULTQUIST

1g	ELECTION OF DIRECTOR: RONALD L. KUEHN, JR.	I	YES	FOR
1h	ELECTION OF DIRECTOR: DEBORAH A. MACDONALD	I	YES	FOR
1i	ELECTION OF DIRECTOR: MICHAEL C. MORGAN	I	YES	FOR
1j	ELECTION OF DIRECTOR: ARTHUR C. REICHSTETTER	I	YES	FOR
1k	ELECTION OF DIRECTOR: FAYEZ SAROFIM	I	YES	FOR
11	ELECTION OF DIRECTOR: C. PARK SHAPER	I	YES	FOR
1m	ELECTION OF DIRECTOR: WILLIAM A. SMITH	I	YES	FOR
1n	ELECTION OF DIRECTOR: JOEL V. STAFF	I	YES	FOR
10	ELECTION OF DIRECTOR: ROBER F. VAGT	I	YES	FOR
1p	ELECTION OF DIRECTOR: PERRY M. WAUGHTAL	I	YES	FOR
2	RATIFICATION OF: THE SELECTION OF PRICEWATERHOUSECOOPERS LLP AS OUR INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM FOR 2018	I	YES	FOR

				3	APPROVAL, ON AN ADVISORY BASIS, OF:	I	YES	FOR
					THE COMPENSATION OF OUR NAMED EXECUTIVE OFFICERS, AS DISCLOSED IN THE PROXY STATEMENT			
				4	FREQUENCY WITH: WHICH WE WILL HOLD AN ADVISORY VOTE ON THE COMPENSATION OF OUR NAMED EXECUTIVE OFFICERS	I	YES	3 YEARS
				5	STAKEHOLDER PROPOSAL:	S	YES	AGAINST
					RELATING TO A REPORT ON METHANE EMISSIONS			
				6	STAKEHOLDER PROPOSAL:	S	YES	AGAINST
					RELATING TO AN ANNUAL SUSTAINABILITY REPORT			
				7	STAKEHOLDER PROPOSAL: RELATING TO AN ASSESSMENT OF THE LONG-TERM PORTFOLIO IMPACTS OF SCENARIOS CONSISTENT WITH GLOBAL CLIMATE CHANGE POLICIES	S	YES	AGAINST
PLAINS ALL AMERICAN	PAA	726503105	5/15/18	1	DIRECTOR:	I	YES	FOR
PIPELINE, L.P.								
					BOBBY S. SHACKOULS CHRISTOPHER M. TEMPLE			
				2	RATIFICATION OF: THE APPOINTMENT OF PRICEWATERHOUSECOOPERS LLP AS OUR INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM FOR 2018.	I	YES	FOR

			3	THE APPROVAL:	I	YES	FOR
				ON A NON-BINDING ADVISORY BASIS, OF OUR NAMED EXECUTIVE OFFICER COMPENSATION.			
			4	NON-BINDING ADVISORY VOTE:	I	YES	1 YEAR
				ON THE FREQUENCY WITH WHICH FUTURE ADVISORY VOTES TO APPROVE OUR NAMED EXECUTIVE OFFICER COMPENSATION SHOULD BE HELD.			
ONEOK, INC. OKE	682680103	5/23/18	1A	ELECTION OF:	I	YES	FOR
,				BRIAN L. DERKSEN			
			1B	ELECTION OF:	I	YES	FOR
				JULIE H. EDWARDS			
			1C	ELECTION OF:	I	YES	FOR
				JOHN W. GIBSON			
			1D	ELECTION OF:	I	YES	FOR
				RANDALL J. LARSON			
			1E	ELECTION OF:	I	YES	FOR
				STEVEN J. MALCOLM			
			1F	ELECTION OF:	I	YES	FOR
				JIM W. MOGG			
			1G	ELECTION OF:	I	YES	FOR
				PATTYE L. MOORE			
			1H	ELECTION OF:	I	YES	FOR
				GARY D. PARKER			

				1I	ELECTION OF: EDUARDO A. RODRIGUEZ	I	YES	FOR
			:	1J	ELECTION OF: TERRY K. SPENCER	I	YES	FOR
			2	2	RATIFICATION OF: THE SELECTION OF PRICEWATERHOUSECOOPERS LLP AS THE INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM OF ONEOK, INC. FOR THE YEAR ENDING DECEMBER 31, 2018.	I	YES	FOR
			3	3	APPROVE: THE ONEOK, INC. EQUITY INCENTIVE PLAN.	I	YES	FOR
			2	4	AN ADVISORY VOTE TO: APPROVE ONEOK, INC.'S EXECUTIVE COMPENSATION.	I	YES	FOR
TARGA RESOURCES CORP.	TRGP	87612G101	5/24/18	1.1	ELECTION OF: ROBERT B. EVANS	I	YES	FOR
			:	1.2	ELECTION OF: JOE BOB PERKINS	I	YES	FOR
				1.3	ELECTION OF: ERSHEL C. REDD JR	I	YES	FOR
			2	2	RATIFICATION OF: SELECTION OF INDEPENDENT ACCOUNTANTS	I	YES	FOR
			3	3	ADVISORY VOTE TO: APPROVE EXECUTIVE COMPENSATION	I	YES	FOR

TALLGRASS ENERGY PARTNERS, LP	TEP	874697105	6/26/18	1	THE APPROVAL AND ADOPTION OF: THE AGREEMENT AND PLAN OF MERGER DATED AS OF MARCH 26, 2018 BY AND AMONG TALLGRASS ENERGY GP, LP, TALLGRASS EQUITY, LLC, RAZOR MERGER SUB, LLC, TALLGRASS ENERGY PARTNERS, LP AND TALLGRASS MLP GP, LLC, AS IT MAY BE AMENDED FROM TIME TO TIME, AND THE TRANSACTIONS CONTEMPLATED THEREBY.	I	YES	FOR
BUCKEYE PARTNERS, L.P.	BPL	118230101	6/5/18	1	DIRECTOR: PIETER BAKKER BARBARA M. BAUMANN MARK C. MCKINLEY	I	YES	FOR
				2	AMENDMENT OF: PARTNERSHIP AGREEMENT TO REMOVE PROVISIONS THAT PREVENT GENERAL PARTNER FROM CAUSING BUCKEYE PARTNERS, L.P. TO ISSUE ANY CLASS OR SERIES OF LIMITED PARTNERSHIP INTERESTS HAVING PREFERENCES OR OTHER SPECIAL OR SENIOR RIGHTS OVER THE LP UNITS WITHOUT THE PRIOR APPROVAL OF UNITHOLDERS HOLDING AN AGGREGATE OF AT LEAST TWO-THIRDS OF THE OUTSTANDING LP UNITS.	I	YES	FOR
				3	THE RATIFICATION OF:	I	YES	FOR

THE SELECTION OF DELOITTE & TOUCHE LLP AS BUCKEYE PARTNERS, L.P.'S INDEPENDENT REGISTERED PUBLIC ACCOUNTANTS FOR 2018.

4 THE APPROVAL: I YES FOR

IN AN ADVISORY VOTE, OF THE COMPENSATION OF BUCKEYE'S NAMED EXECUTIVE OFFICERS AS DESCRIBED IN OUR PROXY STATEMENT PURSUANT TO ITEM 402 OF REGULATION S-K.