

Kayne Anderson Midstream/Energy Fund Provides Unaudited Balance Sheet Information and Announces its Net Asset Value and Asset Coverage Ratios at February 28, 2014

HOUSTON, TX – March 4, 2014 – Kayne Anderson Midstream/Energy Fund, Inc. (the “Fund”) (NYSE: KMF) today provided a summary unaudited statement of assets and liabilities and announced its net asset value and asset coverage ratios under the Investment Company Act of 1940 (the “1940 Act”) as of February 28, 2014.

As of February 28, 2014, the Fund’s net assets were \$831 million and its net asset value per share was \$37.55. As of February 28, 2014, the Fund’s asset coverage ratio under the 1940 Act with respect to senior securities representing indebtedness was 477% and the Fund’s asset coverage ratio under the 1940 Act with respect to total leverage (debt and preferred stock) was 374%.

Kayne Anderson Midstream/Energy Fund, Inc.
Statement of Assets and Liabilities
February 28, 2014
(Unaudited)

	(in millions)	Per Share
Investments	\$ 1,157.9	\$ 52.30
Cash	5.8	0.26
Deposits	0.6	0.03
Accrued income	3.3	0.15
Receivable for securities sold	4.4	0.20
Other assets	3.3	0.14
Total assets	1,175.3	53.08
Credit facility borrowings	33.0	1.49
Senior notes	205.0	9.26
Preferred stock	65.0	2.93
Total leverage	303.0	13.68
Payable for securities purchased	33.2	1.50
Other liabilities	7.8	0.35
Total liabilities	41.0	1.85
Net assets	\$ 831.3	\$ 37.55

The Fund had 22,141,297 common shares outstanding as of February 28, 2014.

As of February 28, 2014, equity and debt investments were 89% and 11%, respectively, of the Fund's long-term investments of \$1.2 billion. Long-term investments were comprised of Midstream Company (43%), MLP and MLP Affiliate (37%), Other Energy (7%), Other (2%) and Debt (11%).

The Fund's ten largest holdings by issuer at February 28, 2014 were:

	Units/\$Par (in thousands)	Amounts (\$ millions)	Percent of Total Investments
1. The Williams Companies, Inc. (Midstream Company)	2,083/\$6,500	\$93.8	8.1%
2. Kinder Morgan Management, LLC (MLP Affiliate)	1,171	81.7	7.0%
3. ONEOK, Inc. (Midstream Company)	1,230	72.8	6.3%
4. Enbridge Energy Management, L.L.C. (MLP Affiliate)	2,287	61.2	5.3%
5. Plains GP Holdings, L.P. (Midstream Company)	1,993	52.2	4.5%
6. Kinder Morgan, Inc. (Midstream Company)	1,436	45.7	3.9%
7. Golar LNG Partners LP (Midstream Company)	1,158	35.0	3.0%
8. Crestwood Midstream Partners LP (Midstream MLP)	1,190	26.6	2.3%
9. Plains All American Pipeline, L.P. (Midstream MLP)	459	24.9	2.1%
10. Buckeye Partners, L.P. (Midstream MLP)	328	24.0	2.1%

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The Fund is a non-diversified, closed-end management investment company registered under the Investment Company Act of 1940 whose common stock is traded on the NYSE. The Fund's investment objective is to provide a high level of total return with an emphasis on making quarterly cash distributions to its stockholders by investing at least 80% of its total assets in securities of companies in the Midstream/Energy Sector, consisting of: (a) Midstream Master Limited Partnerships ("MLPs"), (b) Midstream Companies, (c) Other MLPs and (d) Other Energy Companies. The Fund anticipates that the majority of its investments will consist of investments in Midstream MLPs and Midstream Companies. See Glossary of Key Terms on page ii of the Prospectus for definitions of certain key terms.

CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS: This press release contains "forward-looking statements" as defined under the U.S. federal securities laws. Generally, the words "believe," "expect," "intend," "estimate," "anticipate," "project," "will" and similar expressions identify forward-looking statements, which generally are not historical in nature. Forward-looking statements are subject to certain risks and uncertainties that could cause actual results to differ from the Fund's historical experience and its present expectations or projections indicated in any forward-looking statements. These risks include, but are not limited to, changes in economic and political conditions; regulatory and legal changes; MLP industry risk; leverage risk; valuation risk; interest rate risk; tax risk; and other risks discussed in the Fund's filings with the SEC. You should not place undue reliance on forward-looking statements, which speak only as of the date they are made. The Fund undertakes no obligation to publicly update or revise any forward-looking statements made herein. There is no assurance that the Fund's investment objective will be attained.

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