

Press Release

Kayne Anderson MLP Investment Company Increases Quarterly Dividend to 45 Cents Per Share

Friday, September 15, 2006

Los Angeles, CA -- (MARKET WIRE) – September 15, 2006 – (NYSE:KYN) Kayne Anderson MLP Investment Company (the “Company”) declared its quarterly dividend of \$0.45 per share for the period June 1, 2006 to August 31, 2006. This represents an annualized dividend yield of 6.6% based on the Company’s closing stock price of \$27.42 per share as of September 14, 2006.

The dividend of \$0.45 per share represents an increase of 2.3% from the prior quarter’s dividend and represents a 20.0% increase from the Company’s initial quarterly dividend which was paid on January 14, 2005. This is the Company’s seventh consecutive quarterly dividend increase. It is anticipated that a portion of this dividend will be treated as a return of capital. The final determination of the amount will be made in early 2007. The dividend will be payable on October 13, 2006 to common stockholders of record on October 4, 2006, with an ex-dividend date of October 2, 2006.

Kayne Anderson MLP Investment Company 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 Company’s investment objective is to obtain a high after-tax total return by investing at least 85% of the total assets in energy-related master limited partnerships and their affiliates, and in other companies that, as their principal business, operate assets used in the gathering, transporting, processing, storing, refining, distributing, mining or marketing natural gas, natural gas liquids (including propane), crude oil, refined petroleum products or coal.

This press release does not constitute an offer to sell or a solicitation to buy, nor shall there be any sale of these securities in any state or jurisdiction in which such offer or solicitation or sale would be unlawful prior to registration or qualification under the laws of such state or jurisdiction.

CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS: This press release contains statements, estimates or projections that constitute "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 Company's historical experience and its present expectations or projections. 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 Company'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 Company undertakes no obligation to publicly update or revise any forward-looking statements. There is no assurance that the Company’s investment objectives will be attained.

Contact:

Kayne Anderson Capital Advisors
<http://www.kaynecapital.com/>
David Shladovsky, 800-231-7414
or
Kayne Anderson MLP Investment Company
<http://www.kaynemlp.com/>
877-MLP-FUND

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