

Kayne Anderson MLP Investment CO
Form N-30B-2
April 30, 2007

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CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS: This report 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 materially differ from the Company'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 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 update or revise any forward-looking statements made herein. There is no assurance that the Company's investment objectives will be attained.

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KAYNE ANDERSON MLP INVESTMENT COMPANY
SCHEDULE OF INVESTMENTS
FEBRUARY 28, 2007
(amounts in 000 s)
(UNAUDITED)

Description	No. of Shares/Units	Value
Long-Term Investments 163.0%		
Equity Investments(a) 163.0%		
Pipeline MLP(b) 134.7%		
Atlas Pipeline Partners, L.P.	401	\$ 19,273
Boardwalk Pipeline Partners, LP	522	19,146
Buckeye Partners, L.P.	157	7,702
Copano Energy, L.L.C.	1,959	129,474
Crosstex Energy, L.P.	2,586	97,174
Crosstex Energy, L.P. Senior Subordinated Units, Unregistered(c)(d)	356	11,911
DCP Midstream Partners, LP	138	5,103
Duncan Energy Partners L.P.(d)	124	2,981
Eagle Rock Energy Partners, L.P.	10	195
Enbridge Energy Management, L.L.C.(e)	399	20,363
Enbridge Energy Partners, L.P.	1,608	84,924
Energy Transfer Partners, L.P.	4,262	235,116
Enterprise Products Partners L.P.	5,359	163,511
Global Partners LP	385	11,142
Hiland Partners, LP	156	8,483
Holly Energy Partners, L.P.	226	10,437
Kinder Morgan Management, LLC(e)	2,907	145,377
Magellan Midstream Partners, L.P.	3,920	165,026
MarkWest Energy Partners, L.P.	908	58,915
Martin Midstream Partners L.P.	202	7,328
ONEOK Partners, L.P.	833	53,951
Plains All American Pipeline, L.P.	2,547	141,344
Plains All American Pipeline, L.P.(c)	565	31,062
Regency Energy Partners LP	663	18,244
Regency Energy Partners LP Unregistered(c)	905	23,680
Sunoco Logistics Partners L.P.	72	4,039
Targa Resources Partners LP(d)	380	9,158
TC PipeLines, LP	228	8,269
TC PipeLines, LP Unregistered(c)	868	29,935
TEPPCO Partners, L.P.	473	20,233
TransMontaigne Partners L.P.	71	2,300
Valero L.P.	481	30,296
Williams Partners L.P.	224	9,694
Williams Partners L.P. Class B, Unregistered(c)	183	7,556

Williams Partners L.P. Unregistered(c)	64	2,720
		1,596,062

See accompanying notes to financial statements.

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KAYNE ANDERSON MLP INVESTMENT COMPANY
SCHEDULE OF INVESTMENTS (CONTINUED)
FEBRUARY 28, 2007
(amounts in 000 s)
(UNAUDITED)

Description	No. of Shares/Units	Value
Propane MLP 9.1%		
Ferrellgas Partners, L.P.	877	\$ 20,149
Inergy, L.P.	2,839	88,106
		108,255
Shipping MLP 2.0%		
K-Sea Transportation Partners L.P.	140	5,518
Teekay LNG Partners L.P.	355	13,064
Teekay Offshore Partners L.P.	173	5,152
		23,734
Coal MLP 6.0%		
Clearwater Natural Resources, LP Unregistered(c)(f)	3,889	58,334
Natural Resource Partners L.P. Subordinated Units	103	6,511
Penn Virginia Resource Partners, L.P.	230	6,227
		71,072
Upstream MLP(b) 1.6%		
Atlas Energy Resources, LLC	209	5,089
BreitBurn Energy Partners L.P.	97	2,677
Constellation Energy Partners LLC	215	6,114
Legacy Reserves LP(d)	193	4,671
		18,551
MLP Affiliates 6.8%		
Atlas Pipeline Holdings, L.P.	73	1,868
Buckeye GP Holdings L.P.	290	5,614
Crosstex Energy, Inc.	209	6,784
Energy Transfer Equity, L.P.	237	7,970
Energy Transfer Equity, L.P. Unregistered(c)	365	12,057
Hiland Holdings GP, LP	161	4,576
Kinder Morgan, Inc.	187	19,724
Magellan Midstream Holdings, L.P.	259	6,325
MarkWest Hydrocarbon, Inc.	249	15,607

See accompanying notes to financial statements.

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KAYNE ANDERSON MLP INVESTMENT COMPANY
SCHEDULE OF INVESTMENTS (CONTINUED)
FEBRUARY 28, 2007
(amounts in 000 s, except number of option contracts written)
(UNAUDITED)

Description	No. of Shares/Units	Value
Other MLP 2.8%		
Calumet Specialty Products Partners, L.P.	559	\$ 22,986
Universal Compression Partners, L.P.	356	10,584
		33,570
Total Long-Term Investments (Cost \$1,283,574)		1,931,769

	Interest Rate	Maturity Date	
Short-Term Investment 0.1%			
Repurchase Agreement 0.1%			
Bear, Stearns & Co. Inc. (Agreement dated 2/28/07 to be repurchased at \$1,018), collateralized by \$1,049 in U.S. Treasury Bond Strips (Cost \$1,018)	5.270%	3/01/07	1,018
Total Investments 163.1% (Cost \$1,284,592)			1,932,787

	No. of Contracts	
Liabilities		
Option Contracts Written(g)		
MLP Affiliate		
Kinder Morgan Inc., call option expiring 3/17/07 @ \$105.00 (Premiums received \$115)	1,000	(125)
Auction Rate Senior Notes		(320,000)
Deferred Taxes		(238,513)
Revolving Credit Line		(107,000)
Other Liabilities		(20,982)
Unrealized Depreciation on Interest Rate Swap Contracts		(317)
Total Liabilities		(686,937)

Unrealized Appreciation on Interest Rate Swap Contracts	2,993
Income Tax Receivable	2,448
Other Assets	8,733
Total Liabilities in Excess of Other Assets	(672,763)
Preferred Stock at Redemption Value	(75,000)
Net Assets Applicable to Common Stockholders	\$ 1,185,024

See accompanying notes to financial statements.

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**KAYNE ANDERSON MLP INVESTMENT COMPANY
SCHEDULE OF INVESTMENTS (CONCLUDED)
FEBRUARY 28, 2007
(amounts in 000)
(UNAUDITED)**

- (a) Unless otherwise noted, equity investments are common units/common shares.
- (b) Includes Limited Liability Companies.
- (c) Fair valued securities, restricted from public sale (See Notes 2 and 6).
- (d) Security is currently not paying cash distributions but is expected to pay cash distributions or convert to securities which pay cash distributions within the next 12 months.
- (e) Distributions are paid in-kind.
- (f) Clearwater Natural Resources, LP is a privately-held MLP that the Company believes is a controlled affiliate. (See Note 4.B).
- (g) Security is non-income producing.

See accompanying notes to financial statements.

Table of Contents**KAYNE ANDERSON MLP INVESTMENT COMPANY****STATEMENT OF ASSETS AND LIABILITIES****FEBRUARY 28, 2007****(amounts in 000 s, except share and per share amounts)****(UNAUDITED)****ASSETS**

Investments at fair value, non-controlled (Cost \$1,210,596)	\$ 1,873,435
Investment at fair value, controlled (Cost \$72,978)	58,334
Repurchase agreement (Cost \$1,018)	1,018
Total investments (Cost \$1,284,592)	1,932,787
Deposits with brokers	719
Receivable for securities sold	4,034
Interest, dividends and distributions receivable	20
Income tax receivable	2,448
Deferred debt issuance costs and other, net	3,960
Unrealized appreciation on interest rate swap contracts	2,993
Total Assets	1,946,961

LIABILITIES

Revolving credit line	107,000
Payable for securities purchased	12,147
Investment management fee payable	6,788
Call options written, at fair value (premiums received \$115)	125
Accrued directors fees and expenses	50
Accrued expenses and other liabilities	1,997
Deferred tax liability	238,513
Unrealized depreciation on interest rate swap contracts	317
Total Liabilities before Senior Notes	366,937

Auction Rate Senior Notes:

Series A, due April 3, 2045	85,000
Series B, due April 5, 2045	85,000
Series C, due March 31, 2045	90,000
Series E, due December 21, 2045	60,000
Total Senior Notes	320,000

Total Liabilities

686,937

PREFERRED STOCK

\$25,000 liquidation value per share applicable to 3,000 outstanding shares (10,000 shares authorized)	75,000
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NET ASSETS APPLICABLE TO COMMON STOCKHOLDERS	\$ 1,185,024
NET ASSETS APPLICABLE TO COMMON STOCKHOLDERS CONSIST OF	
Common stock, \$0.001 par value (38,265,172 shares issued and outstanding, 199,990,000 shares authorized)	\$ 38
Paid-in capital	916,332
Net investment loss, net of income taxes less dividends and distributions	(175,212)
Accumulated realized gains on investments and interest rate swap contracts, net of income taxes	33,912
Net unrealized gains on investments, options and interest rate swap contracts, net of income taxes	409,954
NET ASSETS APPLICABLE TO COMMON STOCKHOLDERS	\$ 1,185,024
NET ASSET VALUE PER COMMON SHARE	\$30.97

See accompanying notes to financial statements.

Table of Contents**KAYNE ANDERSON MLP INVESTMENT COMPANY****STATEMENT OF OPERATIONS
FOR THE THREE MONTHS ENDED FEBRUARY 28, 2007****(amounts in 000 s)****(UNAUDITED)****INVESTMENT INCOME****Income**

Dividends and distributions	\$ 23,428
Return of capital	(20,839)
Net dividends and distributions	2,589
Interest and other fees	16
Total Investment Income	2,605

Expenses

Investment management fees	6,789
Administration fees	208
Professional fees	177
Reports to stockholders	52
Custodian fees	51
Directors' fees	50
Insurance	42
Other expenses	124
Total Expenses Before Interest Expense, Auction Agent Fees and Taxes	7,493
Interest expense	5,302
Auction agent fees	248
Total Expenses Before Taxes	13,043

Net Investment Loss Before Taxes	(10,438)
Deferred tax benefit	3,862

Net Investment Loss	(6,576)
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REALIZED AND UNREALIZED GAINS/(LOSSES)**Net Realized Gains/(Losses)**

Investments	8,450
Payments on interest rate swap contracts	603
Deferred tax expense	(3,350)
Net Realized Gains	5,703

Net Change in Unrealized Gains/(Losses)

Investments	139,435
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Options	(10)
Interest rate swap contracts	354
Deferred tax expense	(44,125)
Net Change in Unrealized Gains	95,654
Net Realized and Unrealized Gains	101,357
NET INCREASE IN NET ASSETS RESULTING FROM OPERATIONS	94,781
DIVIDENDS TO PREFERRED STOCKHOLDERS	(977)
NET INCREASE IN NET ASSETS APPLICABLE TO COMMON STOCKHOLDERS RESULTING FROM OPERATIONS	\$ 93,804

See accompanying notes to financial statements.

Table of Contents**KAYNE ANDERSON MLP INVESTMENT COMPANY****STATEMENT OF CHANGES IN NET ASSETS APPLICABLE TO COMMON STOCKHOLDERS**
(amounts in 000 s, except share amounts)

	For the Three Months Ended February 28, 2007 (Unaudited)	For the Fiscal Year Ended November 30, 2006
OPERATIONS		
Net investment loss	\$ (6,576)	\$ (23,356)
Net realized gains	5,703	14,152
Net change in unrealized gains	95,654	226,725
Net Increase in Net Assets Resulting from Operations	94,781	217,521
DISTRIBUTIONS TO PREFERRED STOCKHOLDERS		
Distributions return of capital	(977) ⁽¹⁾	(3,732) ⁽²⁾
DISTRIBUTIONS TO COMMON STOCKHOLDERS		
Distributions return of capital	(17,890) ⁽¹⁾	(65,492) ⁽²⁾
CAPITAL STOCK TRANSACTIONS		
Issuance of 200,336 and 889,285 shares of common stock from reinvestment of distributions, respectively	5,718	23,005
Total Increase in Net Assets Applicable to Common Stockholders	81,632	171,302
NET ASSETS		
Beginning of period	1,103,392	932,090
End of period	\$ 1,185,024	\$ 1,103,392

(1) The information presented in each of these items is a current estimate of the characterization of a portion of the total dividends paid to preferred stockholders and common stockholders for the three months ended February 28, 2007 as either a dividend (ordinary income) or a distribution (return of capital). This estimate is based on the Company's operating results during the period.

(2) The information presented in each of these items is a characterization of a portion of the total dividends paid to preferred stockholders and common stockholders for the fiscal year ended November 30, 2006 as either a dividend (ordinary income) or a distribution (return of capital). This characterization is based on the Company's earnings and profits.

See accompanying notes to financial statements.

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KAYNE ANDERSON MLP INVESTMENT COMPANY

STATEMENT OF CASH FLOWS

FOR THE THREE MONTHS ENDED FEBRUARY 28, 2007

(amounts in 000 s)

(UNAUDITED)

CASH FLOWS FROM OPERATING ACTIVITIES

Net increase in net assets resulting from operations	\$ 94,781
Adjustments to reconcile net increase in net assets resulting from operations to net cash used in operating activities:	
Purchase of investments	(116,107)
Proceeds from sale of investments	21,649
Purchase of short-term investments, net	(69)
Realized gains	(9,053)
Return of capital distributions	20,839
Unrealized gains on investments and interest rate swap contracts	(139,789)
Increase in deposits with brokers	(601)
Increase in receivable for securities sold	(358)
Decrease in interest, dividend and distributions receivables	586
Increase in income tax receivable	(339)
Decrease in deferred debt issuance costs and other	4
Increase in payable for securities purchased	10,658
Decrease in investment management fee payable	(3,507)
Increase in option contracts written	125
Decrease in accrued directors' fees and expenses	(2)
Increase in accrued expenses and other liabilities	719
Increase in deferred tax liability	43,613
Net Cash Used in Operating Activities	(76,851)

CASH FLOWS FROM FINANCING ACTIVITIES

Proceeds from revolving credit line	90,000
Cash distributions paid to preferred stockholders	(977)
Cash distributions paid to common stockholders	(12,172)

Net Cash Provided by Financing Activities 76,851

NET DECREASE IN CASH**CASH BEGINNING OF PERIOD****CASH END OF PERIOD**

\$

Supplemental disclosure of cash flow information:

Noncash financing activities not included herein consist of reinvestment of distributions of \$5,718 pursuant to the Company's dividend reinvestment plan.

During the three months ended February 28, 2007, federal and state taxes paid were \$339 and interest paid was \$4,342.

See accompanying notes to financial statements.

Table of Contents**KAYNE ANDERSON MLP INVESTMENT COMPANY****FINANCIAL HIGHLIGHTS**
(amounts in 000 s, except per share amounts)

	For the Three Months Ended February 28, 2007 (Unaudited)	For the Fiscal Year Ended November 30,		For the Period September 28, 2004⁽¹⁾ through November 30, 2004
		2006	2005	
Per Share of Common Stock				
Net asset value, beginning of period	\$ 28.99	\$ 25.07	\$ 23.91	\$ 23.70 ⁽²⁾
Income from Operations⁽³⁾				
Net investment income/(loss)	(0.17)	(0.62)	(0.17)	0.02
Net realized and unrealized gain on investments, securities sold short, options and interest rate swap contracts	2.65	6.39	2.80	0.19
Total income from investment operations	2.48	5.77	2.63	0.21
Dividends/Distributions Preferred Stockholders⁽³⁾				
Dividends	⁽⁴⁾	⁽⁵⁾	(0.05) ⁽⁵⁾	
Distributions	(0.03) ⁽⁴⁾	(0.10) ⁽⁵⁾	⁽⁵⁾	
Total dividends/distributions Preferred Stockholders	(0.03)	(0.10)	(0.05)	
Dividends/Distributions Common Stockholders				
Dividends	⁽⁴⁾	⁽⁵⁾	(0.13) ⁽⁵⁾	
Distributions	(0.47) ⁽⁴⁾	(1.75) ⁽⁵⁾	(1.37) ⁽⁵⁾	
Total dividends/distributions Common Stockholders	(0.47)	(1.75)	(1.50)	
Capital Stock Transactions⁽³⁾				
Underwriting discounts and offering costs on the issuance of preferred			(0.03)	

stock				
Secondary issuance of common stock, net of underwriting discounts and offering costs			0.11	
Total capital stock transactions			0.08	
Net asset value, end of period	\$	30.97	\$	28.99
			\$	25.07
				\$
				23.91
Market value per share of common stock, end of period	\$	32.91	\$	31.39
			\$	24.33
				\$
				24.90
Total investment return based on common stock market value ⁽⁶⁾		6.57%		37.93%
				3.66%
				(0.40)%
Supplemental Data and Ratios⁽⁷⁾				
Net assets applicable to common stockholders, end of period	\$	1,185,024	\$	1,103,392
			\$	932,090
				\$
				792,836
Ratio of expenses to average net assets, including current and deferred income tax expense		20.44% ⁽⁸⁾		18.85% ⁽⁸⁾
				8.73% ⁽⁸⁾
				4.73% ⁽⁸⁾
Ratio of expenses to average net assets, excluding current and deferred income taxes		4.70% ⁽⁸⁾		5.10% ⁽⁸⁾
				2.32% ⁽⁸⁾
				1.20% ⁽⁸⁾
Ratio of expenses, excluding taxes and non-recurring organizational expenses, to average net assets		4.70%		5.10%
				2.32%
				1.08%
Ratio of expenses, excluding taxes and interest expenses, to average net assets		2.70%		3.42%
				1.52%
Ratio of net investment income/(loss) to average net assets		(2.37)%		(2.37)%
				(0.68)%
				0.50%
Net increase in net assets to common stockholders resulting from operations to average net assets		33.83%		21.66%
				10.09%
Portfolio turnover rate		1.19% ⁽⁹⁾		9.95% ⁽⁹⁾
				25.59% ⁽⁹⁾
				11.78% ⁽⁹⁾
Auction Rate Senior Notes outstanding, end of period	\$	320,000	\$	320,000
			\$	260,000
Auction Rate Preferred Stock, end of period	\$	75,000	\$	75,000
			\$	75,000
Asset coverage of Auction Rate Senior Notes		493.76%		468.25%
				487.34%
Asset coverage of Auction Rate Preferred Stock		400.01%		379.34%
				378.24%
Average amount of borrowings outstanding per share of common stock during the period	\$	8.36 ⁽³⁾	\$	8.53 ⁽³⁾
			\$	5.57 ⁽³⁾

See accompanying notes to financial statements.

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KAYNE ANDERSON MLP INVESTMENT COMPANY

FINANCIAL HIGHLIGHTS (CONCLUDED)

(amounts in 000 s, except share and per share amounts)

- (1) Commencement of operations.
- (2) Initial public offering price of \$25.00 per share less underwriting discounts of \$1.25 per share and offering costs of \$0.05 per share.
- (3) Based on average shares of common stock outstanding of 38,171,682; 37,638,314; 34,077,731 and 33,165,900, for the three months ended February 28, 2007, fiscal year ended November 30, 2006, the fiscal year ended November 30, 2005 and the period September 28, 2004 through November 30, 2004, respectively.
- (4) The information presented in each of these items is a current estimate of the characterization of a portion of the total dividends paid to preferred stockholders and common stockholders for the three months ended February 28, 2007 as either a dividend (ordinary income) or a distribution (return of capital). This estimate is based on the Company's operating results during the period.
- (5) The information presented in each of these items is a characterization of a portion of the total dividends paid to preferred stockholders and common stockholders for the fiscal years ended November 30, 2006 and November 30, 2005 as either a dividend (ordinary income) or a distribution (return of capital). This characterization is based on the Company's earnings and profits.
- (6) Not annualized for the three months ended February 28, 2007 and the period September 28, 2004 through November 30, 2004. Total investment return is calculated assuming a purchase of common stock at the market price on the first day and a sale at the current market price on the last day of the period reported. The calculation also assumes reinvestment of dividends, if any, at actual prices pursuant to the Company's dividend reinvestment plan.
- (7) Unless otherwise noted, ratios are annualized for periods of less than one full year.
- (8) For the three months ended February 28, 2007, the Company's deferred tax benefit was \$3,862 and deferred tax expense was \$47,475. For the fiscal year ended November 30, 2006, the Company's current tax benefit was \$65 and deferred tax expense was \$135,738. For the fiscal year ended November 30, 2005, its current tax expense was \$3,669 and deferred tax expense was \$52,179. For the period September 28, 2004 through November 30, 2004, its current income tax expense was \$763 and deferred tax expense was \$3,755.
- (9) Amount not annualized for the three months ended February 28, 2007 and the period September 28, 2004 through November 30, 2004. For the three months ended February 28, 2007, and fiscal years ended November 30, 2006 and November 30, 2005, and the period September 28, 2004 through November 30, 2004, calculated based on the sales of \$21,649; \$144,884; \$263,296 and \$16,880, respectively of long-term investments dividend by the average long-term investment balance of \$1,817,282; \$1,456,695; \$1,029,035 and \$143,328, respectively.

See accompanying notes to financial statements.

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KAYNE ANDERSON MLP INVESTMENT COMPANY

NOTES TO FINANCIAL STATEMENTS

FEBRUARY 28, 2007

**(amounts in 000 s, except share and per share amounts)
(UNAUDITED)**

1. Organization

Kayne Anderson MLP Investment Company (the Company) was organized as a Maryland corporation on June 4, 2004, and is a non-diversified closed-end management investment company registered under the Investment Company Act of 1940, as amended (the 1940 Act). The Company's investment objective is to obtain a high after-tax total return by investing at least 85% of its net assets plus any borrowings (total assets) in energy-related master limited partnerships and their affiliates (collectively, MLPs), and in other companies that, as their principal business, operate assets used in the gathering, transporting, processing, storing, refining, distributing, mining or marketing of natural gas, natural gas liquids (including propane), crude oil, refined petroleum products or coal (collectively with MLPs, Midstream Energy Companies). The Company commenced operations on September 28, 2004. The Company's shares of common stock are listed on the New York Stock Exchange, Inc. (NYSE) under the symbol KYN.

2. Significant Accounting Policies

A. Use of Estimates The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America (GAAP) requires management to make estimates and assumptions that affect the reported amount of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenue and expenses during the period. Actual results could differ materially from those estimates.

B. Calculation of Net Asset Value The Fund determines its net asset value as of the close of regular session trading on the NYSE (normally 4:00 p.m. Eastern time) no less frequently than the last business day of each month, and makes its net asset value available for publication monthly. Net asset value is computed by dividing the value of the Company's assets (including accrued interest and dividends), less all of its liabilities (including accrued expenses, dividends payable, current and deferred and other accrued income taxes, and any borrowings) and the liquidation value of any outstanding preferred stock, by the total number of common shares outstanding.

C. Investment Valuation Readily marketable portfolio securities listed on any exchange other than the NASDAQ Stock Market, Inc. (NASDAQ) are valued, except as indicated below, at the last sale price on the business day as of which such value is being determined. If there has been no sale on such day, the securities are valued at the mean of the most recent bid and asked prices on such day, except for short sales and call options contracts written, for which the last quoted asked price is used. Securities admitted to trade on the NASDAQ are valued at the NASDAQ official closing price. Portfolio securities traded on more than one securities exchange are valued at the last sale price on the business day as of which such value is being determined at the close of the exchange representing the principal market for such securities.

Equity securities traded in the over-the-counter market, but excluding securities admitted to trading on the NASDAQ, are valued at the closing bid prices. Fixed income securities with a remaining maturity of 60 days or more are valued by the Company using a pricing service. Fixed income securities maturing within 60 days will be valued on an amortized cost basis.

The Company holds securities that are privately issued or otherwise restricted as to resale. For these securities, as well as any other portfolio security held by the Company for which reliable market quotations are not readily available, valuations are determined in a manner that most fairly reflects fair value of the security on the valuation

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KAYNE ANDERSON MLP INVESTMENT COMPANY

NOTES TO FINANCIAL STATEMENTS (UNAUDITED) (CONTINUED)

date. Unless otherwise determined by the Board of Directors, the following valuation process is used for such securities:

Investment Team Valuation. The applicable investments are initially valued by KA Fund Advisors, LLC (Kayne Anderson or the Adviser) investment professionals responsible for the portfolio investments;

Investment Team Valuation Documentation. Preliminary valuation conclusions are documented and discussed with senior management of Kayne Anderson. Such valuations generally are submitted to the Valuation Committee (a committee of the Company's Board of Directors) or the Board of Directors on a monthly basis, and stand for intervening periods of time.

Valuation Committee. The Valuation Committee meets on or about the end of each month to consider new valuations presented by Kayne Anderson, if any, which were made in accordance with the Valuation Procedures in such month. Between meetings of the Valuation Committee, a senior officer of Kayne Anderson is authorized to make valuation determinations. The Valuation Committee's valuations stand for intervening periods of time unless the Valuation Committee meets again at the request of Kayne Anderson, the Board of Directors, or the Committee itself. All valuation determinations of the Valuation Committee are subject to ratification by the Board at its next regular meeting.

Valuation Firm. No less than quarterly, a third-party valuation firm engaged by the Board of Directors reviews the valuation methodologies and calculations employed for these securities.

Board of Directors Determination. The Board of Directors meets quarterly to consider the valuations provided by Kayne Anderson and the Valuation Committee, if applicable, and ratify valuations for the applicable securities. The Board of Directors considers the report provided by the third-party valuation firm in reviewing and determining in good faith the fair value of the applicable portfolio securities.

Unless otherwise determined by the Board of Directors, securities that are convertible into or otherwise will become publicly traded (*e.g.*, through subsequent registration or expiration of a restriction on trading) are valued through the process described above, using a valuation based on the market value of the publicly traded security less a discount. The discount is initially equal in amount to the discount negotiated at the time the purchase price is agreed to. To the extent that such securities are convertible or otherwise become publicly traded within a time frame that may be reasonably determined, Kayne Anderson may determine an amortization schedule for the discount in accordance with a methodology approved by the Valuation Committee.

At February 28, 2007, the Company held 15.0% of its net assets applicable to common stockholders (9.1% of total assets) in securities valued at fair value as determined pursuant to procedures adopted by the Board of Directors, with an aggregate cost of \$177,784 and fair value of \$177,255. Although these securities may be resold in privately negotiated transactions (subject to certain lock-up restrictions), these values may differ from the values that would have been used had a ready market for these securities existed, and the differences could be material.

Any option transaction that the Company enters into may, depending on the applicable market environment have no value or a positive/negative value. Exchange traded options and futures contracts are valued at the closing price in the market where such contracts are principally traded.

In September 2006, the Financial Accounting Standards Board (FASB) issued Statement of Financial Accounting Standards (SFAS) No. 157, Fair Value Measurements. This standard establishes a single authoritative definition of fair value, sets out a framework for measuring fair value and requires additional disclosures about fair value measurements. SFAS No. 157 applies to fair value measurements already required or permitted by existing standards. SFAS No. 157 is effective for financial statements issued for fiscal years beginning after November 15, 2007 and interim periods within those fiscal years. The changes to current generally accepted accounting principles from the application of this Statement relate to the definition of fair value, the methods used to measure fair value, and the expanded disclosures about fair value measurements. As of February 28, 2007, the Company does not believe the adoption of SFAS No. 157 will impact the financial statement amounts, however, additional disclosures

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KAYNE ANDERSON MLP INVESTMENT COMPANY

NOTES TO FINANCIAL STATEMENTS (UNAUDITED) (CONTINUED)

may be required about the inputs used to develop the measurements and the effect of certain of the measurements on changes in net assets for the period.

D. *Repurchase Agreements* The Company has agreed to purchase securities from financial institutions subject to the seller's agreement to repurchase them at an agreed-upon time and price (repurchase agreements). The financial institutions with whom the Company enters into repurchase agreements are banks and broker/dealers which Kayne Anderson considers creditworthy. The seller under a repurchase agreement is required to maintain the value of the securities as collateral, subject to the agreement, at not less than the repurchase price plus accrued interest. Kayne Anderson monitors daily the mark-to-market of the value of the collateral, and, if necessary, requires the seller to maintain additional securities, so that the value of the collateral is not less than the repurchase price. Default by or bankruptcy of the seller would, however, expose the Company to possible loss because of adverse market action or delays in connection with the disposition of the underlying securities.

E. *Short Sales* A short sale is a transaction in which the Company sells securities it does not own (but has borrowed) in anticipation of or to hedge against a decline in the market price of the securities. To complete a short sale, the Company may arrange through a broker to borrow the securities to be delivered to the buyer. The proceeds received by the Company for the short sale are retained by the broker until the Company replaces the borrowed securities. In borrowing the securities to be delivered to the buyer, the Company becomes obligated to replace the securities borrowed at their market price at the time of replacement, whatever the price may be.

All short sales are fully collateralized. The Company maintains assets consisting of cash or liquid securities equal in amount to the liability created by the short sale. These assets are adjusted daily to reflect changes in the value of the securities sold short. The Company is liable for any dividends or distributions paid on securities sold short.

The Company may also sell short against the box (*i.e.*, the Company enters into a short sale as described above while holding an offsetting long position in the security which it sold short). If the Company enters into a short sale against the box, the Company segregates an equivalent amount of securities owned as collateral while the short sale is outstanding. At February 28, 2007, the Company had no open short sales.

F. *Option Writing* When the Company writes an option, an amount equal to the premium received by the Company is recorded as a liability and is subsequently adjusted to the current fair value of the option written. Premiums received from writing options that expire unexercised are treated by the Company on the expiration date as realized gains from investments. The difference between the premium and the amount paid on effecting a closing purchase transaction, including brokerage commissions, is also treated as a realized gain, or if the premium is less than the amount paid for the closing purchase transaction, as a realized loss. If a call option is exercised, the premium is added to the proceeds from the sale of the underlying security in determining whether the Company has realized a gain or loss. If a put option is exercised, the premium reduces the cost basis of the securities purchased by the Company. The Company, as the writer of an option, bears the market risk of an unfavorable change in the price of the security underlying the written option. See Note 7 for more detail on option contracts written.

G. *Security Transactions and Investment Income* Security transactions are accounted for on the date the securities are purchased or sold (trade date). Realized gains and losses are reported on an identified cost basis. Dividend and distribution income is recorded on the ex-dividend date. Distributions received from the Company's investments in MLPs generally are comprised of income and return of capital. For the three months ended February 28, 2007, the Company estimated that 90% of the MLP distributions received would be treated as a return of capital. The Company

recorded as return of capital the amount of \$20,839 of dividends and distributions received from MLPs. The return of capital of \$20,839, resulted in an equivalent reduction in the cost basis of the associated MLP investments. Net Realized Gains and Net Change in Unrealized Gains in the accompanying Statement of Operations were increased by \$809 and \$20,030, respectively, attributable to the recording of such dividends and distributions as reductions in the cost basis of investments. The Company records investment income and return of capital based on estimates made at the time such distributions are received. Such estimates are based on historical

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KAYNE ANDERSON MLP INVESTMENT COMPANY

NOTES TO FINANCIAL STATEMENTS (UNAUDITED) (CONTINUED)

information available from each MLP and other industry sources. These estimates may subsequently be revised based on information received from MLPs after their tax reporting periods are concluded. Interest income is recognized on the accrual basis, including amortization of premiums and accretion of discounts.

H. Dividends and Distributions to Stockholders Dividends to common stockholders are recorded on the ex-dividend date. The character of dividends made during the year may differ from their ultimate characterization for federal income tax purposes. Distributions to stockholders of the Company's Auction Rate Preferred Stock, Series D are accrued on a daily basis and are determined as described in Note 11 Preferred Stock. The Company's dividends will be comprised of return of capital and ordinary income, which is based on the earnings and profits of the Company. The Company is unable to make final determinations as to the character of the dividend until after the end of the calendar year. The Company informed its common stockholders in January 2007 of the character of dividends paid during fiscal year 2006. Prospectively, the Company will inform its common stockholders of the character of dividends during that fiscal year in January following such fiscal year.

I. Partnership Accounting Policy The Company records its pro-rata share of the income/(loss) and capital gains/(losses), to the extent of dividends it has received, allocated from the underlying partnerships and adjusts the cost of the underlying partnerships accordingly. These amounts are included in the Company's Statement of Operations.

J. Federal and State Income Taxation The Company, as a corporation, is obligated to pay federal and state income tax on its taxable income. The Company invests its assets primarily in MLPs, which generally are treated as partnerships for federal income tax purposes. As a limited partner in the MLPs, the Company includes its allocable share of the MLP's taxable income in computing its own taxable income. Deferred income taxes reflect (i) taxes on unrealized gains/(losses), which are attributable to the temporary difference between fair market value and book basis and (ii) the net tax effects of temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for income tax purposes. To the extent the Company has a net deferred tax asset, a valuation allowance is recognized if, based on the weight of available evidence, it is more likely than not that some portion or all of the deferred income tax asset will not be realized. Future realization of deferred tax assets ultimately depends on the existence of sufficient taxable income of the appropriate character in either the carryback or carryforward period under the tax law.

The Company may rely to some extent on information provided by the MLPs, which may not necessarily be timely, to estimate taxable income allocable to the MLP units held in the portfolio and to estimate the associated deferred tax liability. Such estimates are made in good faith and reviewed in accordance with the valuation process approved by the Board of Directors. From time to time the Company modifies its estimates or assumptions regarding the deferred tax liability as new information become available.

In June 2006, the Financial Accounting Standards Board (FASB) issued FASB Interpretation 48 (FIN 48), Accounting for Uncertainty in Income Taxes. This standard defines the threshold for recognizing the benefits of tax-return positions in the financial statements as more-likely-than-not to be sustained by the taxing authority and requires measurement of a tax position meeting the more-likely-than-not criterion, based on the largest benefit that is more than 50 percent likely to be realized. FIN 48 is effective as of the beginning of the first fiscal year beginning after December 15, 2006. At adoption, companies must adjust their financial statements to reflect only those tax positions that are more-likely-than-not to be sustained as of the adoption date. As of February 28, 2007, the company has not evaluated the impact that will result from adopting FIN 48.

K. Organization Expenses, Offering and Debt Issuance Costs The Company was responsible for paying all organization expenses, which were expensed when the shares of common stock were issued in the Company's IPO. Offering costs (including underwriting discount) related to the Company's two issuances of common stock and issuance of Series D preferred stock were charged to additional paid-in capital when the shares were issued. Debt issuance costs (including underwriting discount) related to the auction rate senior notes payable are being capitalized and amortized over the period the notes are outstanding.

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KAYNE ANDERSON MLP INVESTMENT COMPANY

NOTES TO FINANCIAL STATEMENTS (UNAUDITED) (CONTINUED)

L. Derivative Financial Instruments The Company uses derivative financial instruments (principally interest rate swap contracts) to manage interest rate risk. The Company has established policies and procedures for risk assessment and the approval, reporting and monitoring of derivative financial instrument activities. The Company does not hold or issue derivative financial instruments for speculative purposes. All derivative financial instruments are recorded at fair value with changes in value during the reporting period, and amounts accrued under the agreements, included as unrealized gains or losses in the Statement of Operations. Monthly cash settlements under the terms of the interest rate swap agreements are recorded as realized gains or losses in the Statement of Operations. The Company generally values its interest rate swap contracts based on dealer quotations, if available, or by discounting the future cash flows from the stated terms of the interest rate swap agreement by using interest rates currently available in the market.

M. Indemnifications Under the Company's organizational documents, its officers and directors are indemnified against certain liabilities arising out of the performance of their duties to the Company. In addition, in the normal course of business, the Company enters into contracts that provide general indemnification to other parties. The Company's maximum exposure under these arrangements is unknown, as this would involve future claims that may be made against the Company that have not yet occurred, and may not occur. However, the Company has not had prior claims or losses pursuant to these contracts and expects the risk of loss to be remote.

3. Concentration of Risk

The Company's investment objective is to seek a high level of total return with an emphasis on current income paid to its stockholders. Under normal circumstances, the Company intends to invest at least 85% of its total assets in securities of MLPs and other Midstream Energy Companies, and to invest at least 80% of its total assets in MLPs, which are subject to certain risks, such as supply and demand risk, depletion and exploration risk, commodity pricing risk, acquisition risk, and the risk associated with the hazards inherent in midstream energy industry activities. A substantial portion of the cash flow received by the Company is derived from investment in equity securities of MLPs. The amount of cash that an MLP has available for distributions and the tax character of such distributions are dependent upon the amount of cash generated by the MLP's operations. The Company may invest up to 15% of its total assets in any single issuer and a decline in value of the securities of such an issuer could significantly impact the net asset value of the Company. The Company may invest up to 20% of its total assets in debt securities, which may include below investment grade securities. The Company may, for defensive purposes, temporarily invest all or a significant portion of its assets in investment grade securities, short-term debt securities and cash or cash equivalents. To the extent the Company uses this strategy, it may not achieve its investment objectives.

4. Agreements and Affiliations

A. Investment Management Agreement The Company has entered into an investment management agreement with Kayne Anderson under which the Adviser, subject to the overall supervision of the Company's Board of Directors, manages the day-to-day operations of, and provides investment advisory services to, the Company. For providing these services, the Adviser receives a management fee from the Company.

On December 12, 2006, the Company held a special meeting of stockholders at which stockholders approved a new investment management agreement. As a result of the vote on this matter, the new investment management agreement replaced the previous performance-based fee structure with a fixed investment management fee at an annual rate of

1.375% of average total assets.

Pursuant to the previous investment management agreement, which was in effect through December 11, 2006, the Company agreed to pay Kayne Anderson Capital Advisors, L.P., the Adviser's parent company and the Company's former adviser, a basic management fee at an annual rate of 1.75% of the Company's average total assets, adjusting upward or downward (by up to 1.00% of the Company's average total assets, as defined),

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KAYNE ANDERSON MLP INVESTMENT COMPANY

NOTES TO FINANCIAL STATEMENTS (UNAUDITED) (CONTINUED)

depending on to what extent, if any, the Company's investment performance for the relevant performance period exceeded or trailed the Company's Benchmark over the same period. The Company's Benchmark was the total return (capital appreciation and reinvested dividends) of the Standard & Poor's 400 Utilities Index plus 600 basis points (6.00%). The basic management fee and the performance fee adjustment were calculated and paid quarterly, using a rolling 12-month performance period.

During the period December 1, 2006 through December 11, 2006, the Company paid and accrued management fees at an annual rate of 2.75% of average total assets based on the Company's investment performance. During the remainder of the three months ended February 28, 2007, the Company paid and accrued management fees at an annual rate of 1.375% of average total assets.

For purposes of calculating the management fee, the Company's total assets are equal to the Company's gross asset value (which includes assets attributable to or proceeds from the Company's use of preferred stock, commercial paper or notes issuances and other borrowings), minus the sum of the Company's accrued and unpaid dividends on any outstanding common stock and accrued and unpaid dividends on any outstanding preferred stock and accrued liabilities (other than liabilities associated with borrowing or leverage by the Company and any accrued taxes). Liabilities associated with borrowing or leverage by the Company include the principal amount of any borrowings, commercial paper or notes issued by the Company, the liquidation preference of any outstanding preferred stock, and other liabilities from other forms of borrowing or leverage such as short positions and put or call options held or written by the Company.

B. Portfolio Companies From time to time, the Company may control or may be an affiliate of one or more portfolio companies, each as defined in the 1940 Act. In general, under the 1940 Act, the Company would control a portfolio company if the Company owned 25% or more of its outstanding voting securities and would be an affiliate of a portfolio company if the Company owned 5% or more of its outstanding voting securities. The 1940 Act contains prohibitions and restrictions relating to transactions between investment companies and their affiliates (including the Company's investment adviser), principal underwriters and affiliates of those affiliates or underwriters.

The Company believes that there is significant ambiguity in the application of existing SEC staff interpretations of the term voting security to complex structures such as privately negotiated limited partnership interests of the kind in which the Company invests. As a result, it is possible that the SEC staff may consider that certain securities investments in private limited partnerships are voting securities under the staff's prevailing interpretations of this term. If such determination is made, the Company may be regarded as a person affiliated with and controlling the issuer(s) of those securities for purposes of Section 17 of the 1940 Act.

In light of the ambiguity of the definition of voting securities, the Company does not intend to treat any class of securities that it holds as voting securities unless the security holders of such class have the ability, under the partnership agreement, to remove the general partner (assuming a sufficient vote of such securities, other than securities held by the general partner, in favor of such removal) or the Company has an economic interest of sufficient size that otherwise gives it the de facto power to exercise a controlling influence over the partnership. The Company believes this treatment is appropriate given that the general partner controls the partnership, and without the ability to remove the general partner or the power to otherwise exercise a controlling influence over the partnership due to the size of an economic interest, the security holders have no control over the partnership.

At February 28, 2007, the Company held approximately 42.5% of the partnership interests of Clearwater Natural Resources, LP (Clearwater). The Company s Chief Executive Officer serves as a director on the board of the general partner of Clearwater. The Company may be deemed to control and be an affiliate of Clearwater, each as defined in the Investment Company Act of 1940 (the 1940 Act), because the Company has an economic interest in Clearwater of size that may give it the power to exercise a controlling influence over Clearwater, notwithstanding the limited scope and character of the rights of such securities that the Company holds, which power effectively makes such securities the equivalent of voting securities. Based on the totality of the facts and

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circumstances as they exist as of February 28, 2007, the Company believes that it controls and is an affiliate of Clearwater. During the period there were no purchases or sales of this security.

C. Other Affiliations For the three months ended February 28, 2007, KA Associates, Inc., an affiliate of Kayne Anderson, earned approximately \$1 in brokerage commissions from portfolio transactions executed on behalf of the Company.

5. Income Taxes

Deferred income taxes reflect (i) taxes on unrealized gains/(losses), which are attributable to the difference between fair market value and book basis and (ii) the net tax effects of temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for income tax purposes. Components of the Company's deferred tax assets and liabilities as of February 28, 2007 are as follows:

Deferred tax assets:	
Organizational costs	\$ (30)
Net operating loss carryforwards	(20,209)
Deferred tax liabilities:	
Unrealized gains on investment securities	257,766
Other	986
Total net deferred tax liability	\$ 238,513

At February 28, 2007, the Company did not record a valuation allowance against its deferred tax assets.

At February 28, 2007, the cost basis of investments for Federal income tax purposes was \$1,236,124 and the cash received on option contracts written was \$115. The cost basis of investments includes a \$48,468 reduction in basis attributable to the Company's portion of the allocated losses from its MLP investments. At February 28, 2007, gross unrealized appreciation and depreciation of investments for Federal income tax purposes were as follows:

Gross unrealized appreciation of investments (including options)	\$ 708,637
Gross unrealized depreciation of investments (including options)	(11,984)
Net unrealized appreciation before tax and interest rate swap contracts	696,653
Unrealized appreciation on interest rate swap contracts	2,676
Net unrealized appreciation before tax	\$ 699,329
Net unrealized appreciation after tax	\$ 440,577

For the three months ended February 28, 2007, the components of income tax expense include \$48,438 and \$2,768 for deferred federal income taxes and state income taxes (net of the federal tax benefit), respectively. Income tax expense also includes a \$7,593 benefit related to certain state tax changes which impacted the Company's deferred tax liabilities on its net unrealized gains. Total income taxes have been computed by applying the Federal statutory income tax rate plus a blended state income tax rate totaling 37.0% to net investment income and realized and unrealized gains on investments before taxes.

6. Restricted Securities

From time to time certain of the Company's investments are restricted as to resale. Such restricted investments are valued in accordance with procedures established by the board of directors and more fully described in Note 2 Significant Accounting Policies. The table below shows the number of shares/units held, the acquisition date,

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purchase price, aggregate cost, and fair value as of February 28, 2007, value per share/unit of such security, percent of net assets applicable to common stockholders and percent of total assets which the security comprises:

Investment	Security	Number of Units	Acquisition Date	Purchase Price	Cost	Fair Value	Value Per Unit	Percent of Net Assets ⁽¹⁾	Percent of Total Assets
Clearwater Natural Resources, L.P.	Common Units ⁽²⁾	3,889	(3)	\$ 77,855	\$ 72,978	\$ 58,334	\$ 15.00	4.9%	3.0%
Crosstex Energy, L.P.	Senior Subordinated Units ⁽²⁾	356	6/29/06	10,022	10,022	11,911	33.42	1.0	0.6
Energy Transfer Equity, L.P.	Common Units ⁽²⁾	365	11/27/06	10,007	9,895	12,057	33.05	1.0	0.6
Plains All America Pipeline, L.P.	Common Units	565	12/19/06	27,500	27,093	31,062	54.97	2.6	1.6
Regency Energy Partners LP	Common Units ⁽²⁾	905	9/21/06	19,012	19,012	23,680	26.17	2.0	1.2
TC PipeLines, LP	Common Units ⁽²⁾	868	2/22/07	30,000	30,000	29,935	34.50	2.5	1.5
Williams Partners L.P.	Common Units ⁽²⁾	64	12/13/06	2,324	2,297	2,720	42.83	0.3	0.2
Williams Partners L.P.	Class B Units ⁽²⁾	183	12/13/06	6,564	6,487	7,556	41.22	0.7	0.4
				\$ 183,284	\$ 177,784	\$ 177,255		15.0%	9.1%

(1) Applicable to common stockholders.

(2) Unregistered security.

(3) The Company purchased common units on 8/1/05 and 10/2/06.

7. Call Options Written

Transactions in written call options for the three months ended February 28, 2007 were as follows:

	Number of Contracts	Premiums Received
Options outstanding at beginning of period		
Call options written	1,000	\$ 115
Options exercised		
Options outstanding at end of period	1,000	\$ 115

8. Investment Transactions

For the three months ended February 28, 2007, the Company purchased and sold securities in the amount of \$116,107 and \$21,649 (excluding short-term investments, securities sold short, and interest rate swaps), respectively.

9. Revolving Credit Line

The Company has an uncommitted revolving credit line with Custodial Trust Company (an affiliate of the administrator, Bear Stearns Funds Management Inc.), under which the Company may borrow from Custodial Trust Company an aggregate amount of up to the lesser of \$200,000 or the maximum amount the Company is permitted to borrow under the 1940 Act, subject to certain limitations imposed by the lender. The credit line is secured by Company assets held in custody by Custodial Trust Company. During the three months ended February 28, 2007, the average amount outstanding was \$73,167 with a weighted average interest rate of 6.33%. As of February 28, 2007, the Company had outstanding borrowings on the revolving credit line of \$107,000, and the interest rate was 6.32%. Any loans under this line are repayable on demand by the lender at any time.

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KAYNE ANDERSON MLP INVESTMENT COMPANY

NOTES TO FINANCIAL STATEMENTS (UNAUDITED) (CONTINUED)

10. Auction Rate Senior Notes

The Company issued four series of auction rate senior notes, each with a maturity of 40 years from the date of original issuance, having an aggregate principal amount of \$320,000 (Senior Notes). The Senior Notes were issued in denominations of \$25. The fair value of those notes approximates carrying amount because the interest rate fluctuates with changes in interest rates available in the current market.

Holders of the Senior Notes are entitled to receive cash interest payments at an annual rate that may vary for each rate period. Interest rates for Series A, Series B, Series C and Series E as of February 28, 2007 were 5.05%, 5.05%, 5.25% and 5.10%, respectively. The weighted average interest rates for Series A, Series B, Series C and Series E for the three months ended February 28, 2007, were 5.07%, 5.07%, 5.26%, and 5.10% respectively. These rates include the applicable rate based on the latest results of the auction and do not include commissions paid to the auction agent in the amount of 0.25%. For each subsequent rate period, the interest rate will be determined by an auction conducted in accordance with the procedures described in the Senior Notes prospectus. The reset rate period for Series A, Series B and Series E Senior Notes is seven days, while Series C Senior Notes reset every 28 days. The Senior Notes are not listed on any exchange or automated quotation system.

The Senior Notes are redeemable in certain circumstances at the option of the Company. The Senior Notes are also subject to a mandatory redemption if the Company fails to meet an asset coverage ratio required by law, or fails to cure deficiency as stated in the Company s rating agency guidelines in a timely manner.

The Senior Notes are unsecured obligations of the Company and, upon liquidation, dissolution or winding up of the Company, will rank: (1) senior to all the Company s outstanding preferred shares; (2) senior to all of the Company s outstanding common shares; (3) on a parity with any unsecured creditors of the Company and any unsecured senior securities representing indebtedness of the Company; and (4) junior to any secured creditors of the Company.

11. Preferred Stock

The Company issued 3,000 shares of Series D auction rate preferred stock totaling \$75,000. The Company has 10,000 shares of authorized preferred stock. The preferred stock has rights determined by the Board of Directors. The preferred stock has a liquidation value of \$25,000 per share plus any accumulated, but unpaid dividends, whether or not declared.

Holders of preferred stock are entitled to receive cash dividend payments at an annual rate that may vary for each rate period. The dividend rate as of February 28, 2007 was 5.15%. The weighted average dividend rate for the three months ended February 28, 2007 was 5.22%. This rate includes the applicable rate based on the latest results of the auction and does not include commissions paid to the auction agent in the amount of 0.25%. Under the 1940 Act, the Company may not declare dividends or make other distribution on shares of common stock or purchases of such shares if, at any time of the declaration, distribution or purchase, asset coverage with respect to the outstanding preferred stock would be less than 200%.

The preferred stock is redeemable in certain circumstances at the option of the Company. The preferred stock is also subject to a mandatory redemption if the Company fails to meet an asset coverage ratio required by law, or fails to

cure deficiency as stated in the Company's rating agency guidelines in a timely manner.

The holders of the preferred stock have voting rights equal to the holders of common stock (one vote per share) and will vote together with the holders of shares of common stock as a single class except on matters affecting only the holders of preferred stock or the holders of common stock.

12. Interest Rate Swap Contracts

The Company has entered into interest rate swap contracts to partially hedge itself from increasing interest expense on its leverage resulting from increasing short-term interest rates. A decline in interest rates may result in a

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decline in the value of the swap contracts, which, everything else being held constant, would result in a decline in the net assets of the Company. In addition, if the counterparty to the interest rate swap contracts defaults, the Company would not be able to use the anticipated receipts under the swap contracts to offset the interest payments on the Company's leverage. At the time the interest rate swap contracts reach their scheduled termination, there is a risk that the Company would not be able to obtain a replacement transaction or that the terms of the replacement transaction would not be as favorable as on the expiring transaction. In addition, if the Company is required to terminate any swap contract early, then the Company could be required to make a termination payment. As of February 28, 2007, the Company has entered into twelve interest rate swap contracts with UBS AG as summarized below. For all twelve swaps, the Company receives a floating rate, based on one-month LIBOR.

Termination Date	Notional Amount	Fixed Rate Paid by the Company	Net Unrealized Appreciation/Depreciation
3/25/2008	\$ 35,000	4.31%	\$ 293
3/25/2008	25,000	4.40%	182
4/7/2008	25,000	4.35%	212
3/24/2010	25,000	4.65%	140
4/8/2010	25,000	4.55%	224
4/15/2010	35,000	4.45%	414
6/2/2010	30,000	4.12%	685
2/28/2012	40,000	4.99%	(232)
4/16/2012	25,000	4.65%	252
5/9/2012	25,000	4.37%	588
11/14/2013	10,000	5.00%	(56)
11/18/2013	10,000	4.95%	(26)
Total	\$ 310,000		\$ 2,676

At February 28, 2007, the weighted average duration of the interest rate swap contracts was 3.4 years and the weighted average fixed rate was 4.53%. The Company is exposed to credit risk on the interest rate swap contracts if the counterparty should fail to perform under the terms of the interest rate swap contracts.

13. Common Stock

The Company has 199,990,000 shares of common stock authorized and 38,265,172 shares outstanding at February 28, 2007. As of that date, Kayne Anderson Capital Advisors, L.P. owned 4,000 shares. Transactions in common shares for the three months ended February 28, 2007 were as follows:

Shares at November 30, 2006	38,064,836
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Shares issued through reinvestment of distributions	200,336
Shares at February 28, 2007	38,265,172

14. Subsequent Events

On April 18, 2007 the Company issued 3,600,000 shares of common stock in a public offering at \$36.70 per share, raising approximately an additional \$132,120 of gross proceeds (excluding the underwriting discount and offering expenses). Proceeds from the offering were used to repay a portion of the Company's borrowings under its revolving credit line.

On April 13, 2007, the Company paid a dividend to its common stockholders in the amount of \$0.48 per share, for a total of \$18,367. Of this total, pursuant to the Company's dividend reinvestment plan, \$5,796 was reinvested into the Company for 168,885 newly issued shares of common stock.

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Directors and Corporate Officers

Kevin S. McCarthy	Chairman of the Board of Directors, President and Chief Executive Officer
Anne K. Costin	Director
Steven C. Good	Director
Gerald I. Isenberg	Director
Terrence J. Quinn	Director
Terry A. Hart	Chief Financial Officer and Treasurer
David J. Shladovsky	Secretary and Chief Compliance Officer
J.C. Frey	Vice President, Assistant Secretary and Assistant Treasurer
James C. Baker	Vice President

Investment Adviser

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1100 Louisiana Street, Suite 4550
Houston, TX 77002

1800 Avenue of the Stars, Second Floor
Los Angeles, CA 90067

Custodian

Custodial Trust Company
101 Carnegie Center
Princeton, NJ 08540

Administrator

Bear Stearns Funds Management Inc.
383 Madison Avenue
New York, NY 10179

Stock Transfer Agent and Registrar

American Stock Transfer & Trust Company
59 Maiden Lane
New York, NY 10038

Independent Registered Public Accounting Firm

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350 South Grand Avenue
Los Angeles, CA 90071

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San Francisco, CA 94105

For stockholder inquiries, registered stockholders should call (800) 937-5449. For general inquiries, please call (877) 657-3863/MLP-FUND; or visit us on the web at <http://www.kaynemlp.com>.

This report, including the financial statements herein, is made available to stockholders of the Company for their information. The financial information included herein is taken from the records of the Company without examination by its independent registered public accounting firm who do not express an opinion thereon. It is not a prospectus, circular or representation intended for use in the purchase or sale of shares of the Company or of any securities mentioned in this report.