

Invesco Van Kampen Senior Income Trust
Form N-Q
June 29, 2010

OMB APPROVAL
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**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
FORM N-Q**

**QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT
INVESTMENT COMPANY**

Investment Company Act file number 811-08743

Invesco Van Kampen Senior Income Trust*

(Exact name of registrant as specified in charter)
11 Greenway Plaza, Suite 2500 Houston, Texas 77046

(Address of principal executive offices) (Zip code)
Colin Meadows 11 Greenway Plaza, Suite 2500 Houston, Texas 77046

(Name and address of agent for service)

Registrant's telephone number, including area code: (713) 626-1919

Date of fiscal year end: 7/31

Date of reporting period: 4/30/10

* On June 1, 2010, Invesco completed its acquisition of Van Kampen Investments and Morgan Stanley's retail assets management business. This Trust was included in that acquisition and as of that date, became Invesco Van Kampen Senior Income Trust. Please visit www.invesco.com/transaction for more information or call Invesco's Client Services team at 800-959-4246.

Item 1. Schedule of Investments.

Van Kampen Senior Income Trust**Portfolio of Investments April 30, 2010 (Unaudited)**

| Principal Amount | | | Stated Maturity* | Value |
|-----------------------------|---|---------------|-----------------------------|--------------|
| (000) | Borrower | Coupon | | |
| | Variable Rate Senior Loan Interests 149.0% | | | |
| | Aerospace/Defense 3.6% | | | |
| \$ 1,959 | Apptis, Inc. Term Loan | 3.540% | 12/20/12 | \$ 1,924,451 |
| 2,103 | Atlantic Marine Services Term Loan | 4.563 | 03/22/14 | 2,055,219 |
| 985 | Booz Allen Hamilton, Inc. Term Loan B | 7.500 | 07/31/15 | 991,538 |
| 3,172 | Booz Allen Hamilton, Inc. Term Loan C | 6.000 | 07/31/15 | 3,185,356 |
| 1,785 | IAP Worldwide Services, Inc. Second Lien Term Loan (b) | 11.500 | 06/28/13 | 1,579,836 |
| 6,023 | IAP Worldwide Services, Inc. Term Loan (b) | 9.250 | 12/30/12 | 5,751,615 |
| 4,382 | ILC Industries, Inc. First Lien Term Loan | 2.273 | 02/24/12 | 4,356,388 |
| 2,316 | Primus International, Inc. Incremental Term Loan | 2.870 | 06/07/12 | 2,246,429 |
| 410 | TASC, Inc. Term Loan A | 5.500 | 12/18/14 | 410,807 |
| 4,218 | TASC, Inc. Term Loan B | 5.750 | 12/18/15 | 4,238,597 |
| 4,535 | Vangent, Inc. Term Loan B | 2.510 | 02/14/13 | 4,421,196 |
| 625 | Wesco Aircraft Hardware Corp. Second Lien Term Loan | 6.030 | 03/28/14 | 608,594 |
| | | | | 31,770,026 |
| | Automotive 5.5% | | | |
| 1,617 | Acument Global Technologies, Inc. Term Loan (b) | 14.000 | 08/11/13 | 1,572,920 |
| 2,000 | Dana Corp. Term Loan B | 4.530 | 01/30/15 | 1,986,250 |
| 7,401 | Federal-Mogul Corp. Term Loan B | 2.190 | 12/29/14 | 6,784,286 |
| 3,523 | Federal-Mogul Corp. Term Loan C | 2.200 | 12/28/15 | 3,229,307 |
| 14,993 | Ford Motor Co. Term Loan | 3.280 | 12/16/13 | 14,502,915 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) continued

**Principal
Amount**

| (000) | Borrower | Coupon | Stated Maturity* | Value |
|--------------|---|---------------|-----------------------------|--------------|
| | Automotive (continued) | | | |
| \$ 6,548 | Metokote Corp. Term Loan Refinance | 9.000% | 11/27/11 | \$ 5,975,256 |
| 3,573 | Oshkosh Truck Corp. Term Loan B | 6.260 | 12/06/13 | 3,596,953 |
| 611 | Performance Transportation Services, Inc. Letter of Credit (c)(d)(e) | 3.250 | 01/26/12 | 168,159 |
| 420 | Performance Transportation Services, Inc. Term Loan (c)(d)(e) | 7.500 | 01/26/12 | 115,473 |
| 4,718 | Polypore, Inc. Incremental Term Loan | 2.530 | 07/03/14 | 4,612,075 |
| 3,578 | Sensata Technologies, Inc. Term Loan | 2.080 | 04/26/13 | 3,461,433 |
| 1,636 | TRW Automotive, Inc. Term Loan A2 | 5.010 | 05/30/15 | 1,643,718 |
| | | | | 47,648,745 |
| | Banking 0.1% | | | |
| 162 | Dollar Financial Corp. CAD Term Loan | 7.000 | 10/30/12 | 157,558 |
| 119 | Dollar Financial Corp. Delayed Draw Term Loan | 7.000 | 10/30/12 | 115,852 |
| 384 | Dollar Financial Corp. Term Loan (United Kingdom) | 7.000 | 10/30/12 | 372,757 |
| | | | | 646,167 |
| | Beverage, Food & Tobacco 8.0% | | | |
| 5,163 | Acosta, Inc. Term Loan B | 2.530 | 07/28/13 | 5,103,157 |
| 7,297 | Coleman Natural Foods, LLC First Lien Term Loan (b) | 6.930 | 08/22/12 | 6,749,388 |
| 3,985 | DCI Cheese Co. Term Loan | 3.540 | 04/15/12 | 3,486,496 |
| 2,041 | Dole Food Co., Inc. Credit Link Deposit | 7.879 | 08/30/10 | 2,065,580 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) continued

| Principal Amount | | | | |
|---------------------|---|--------|---------------------|--------------|
| (000) | Borrower | Coupon | Stated Maturity* | Value |
| | Beverage, Food & Tobacco (continued) | | | |
| \$ 2,487 | Dole Food Co., Inc. Term Loan B | 5.040% | 03/02/17 | \$ 2,516,593 |
| 6,176 | Dole Food Co., Inc. Term Loan C | 5.010 | 03/02/17 | 6,250,588 |
| 10,096 | DS Waters of America, Inc. Term Loan B | 2.509 | 10/27/12 | 9,944,631 |
| 4,950 | DSW Holdings, Inc. Term Loan | 4.259 | 03/02/12 | 4,885,031 |
| 8,032 | Farley s & Sathers Candy Co., Inc. First Lien Term Loan | 7.020 | 06/15/11 | 7,951,774 |
| 1,200 | Farley s & Sathers Candy Co., Inc. Second Lien Term Loan | 11.250 | 01/02/12 | 1,164,000 |
| 2,925 | FSB Holdings, Inc. Second Lien Term Loan | 6.063 | 03/29/14 | 2,749,500 |
| 2,506 | FSB Holdings, Inc. Term Loan B | 2.610 | 09/29/13 | 2,459,035 |
| 1,936 | Michael Foods, Inc. Term Loan B | 6.500 | 05/01/14 | 1,951,844 |
| 5,694 | Pinnacle Foods Finance LLC Term Loan B | 2.999 | 04/02/14 | 5,557,321 |
| 1,529 | Pinnacle Foods Finance LLC Term Loan C | 7.500 | 04/02/14 | 1,542,945 |
| 1,739 | Wm. Wrigley Jr. Co. Term Loan B1 | 3.063 | 12/17/12 | 1,751,641 |
| 3,827 | Wm. Wrigley Jr. Co. Term Loan B2 | 3.313 | 10/06/14 | 3,855,708 |
| | | | | 69,985,232 |
| | Broadcasting Cable 9.0% | | | |
| 5,728 | Cequel Communications, LLC New Term Loan | 2.292 | 11/05/13 | 5,634,432 |
| 19,085 | Charter Communications Operating, LLC Extended Term Loan | 3.550 | 09/06/16 | 18,277,833 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) continued

| Principal Amount | Borrower | Coupon | Stated Maturity* | Value |
|-------------------------|---|---------------|-------------------------|--------------|
| (000) | | | | |
| | Broadcasting Cable (continued) | | | |
| \$ 2,228 | Charter Communications Operating, LLC Replacement Term Loan (e) | 2.300% | 03/06/14 | \$ 2,118,026 |
| 4,000 | Charter Communications Operating, LLC Third Lien Term Loan (e) | 2.752 | 09/06/14 | 3,723,332 |
| 2,806 | CSC Holdings, Inc. Extended Term Loan A3 | 1.004 | 03/31/15 | 2,781,856 |
| 7,941 | CSC Holdings, Inc. Incremental B-2 Term Loan | 2.004 | 03/29/16 | 7,953,459 |
| 4,356 | Discovery Communications Holdings, LLC Term Loan C | 5.250 | 05/14/14 | 4,400,240 |
| 1,926 | Knology Inc. Extended Term Loan | 3.792 | 06/30/14 | 1,912,271 |
| 3,860 | MCC Iowa, LLC Term Loan D-2 | 2.010 | 01/31/15 | 3,722,200 |
| 1,583 | MCC Iowa, LLC Term Loan E | 4.500 | 10/23/17 | 1,584,720 |
| 1,496 | MCC Iowa, LLC Term Loan F | 4.500 | 10/23/17 | 1,497,542 |
| 2,322 | Mediacom Illinois, LLC Term Loan C | 2.010 | 01/31/15 | 2,232,991 |
| 2,118 | Mediacom Illinois, LLC Term Loan D | 5.500 | 03/31/17 | 2,132,072 |
| 7,990 | RCN Corp. Term Loan B | 2.563 | 05/25/14 | 7,958,612 |
| 7,645 | UPC Financing Partnership Term Loan T (Netherlands) | 3.930 | 12/30/16 | 7,562,556 |
| 4,878 | TWCC Holding Corp. Replacement Term Loan | 5.000 | 09/14/15 | 4,931,334 |
| | | | | 78,423,476 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) continued

| Principal Amount | | | | |
|---------------------|---|--------|---------------------|--------------|
| (000) | Borrower | Coupon | Stated Maturity* | Value |
| | Broadcasting Diversified 1.3% | | | |
| \$ 1,350 | Alpha Topco, Ltd. Second Lien Term Loan (United Kingdom) | 3.822% | 06/30/14 | \$ 1,231,261 |
| 4,117 | Alpha Topco, Ltd. Term Loan B1 (United Kingdom) | 2.447 | 12/31/13 | 3,879,384 |
| 2,781 | Alpha Topco, Ltd. Term Loan B2 (United Kingdom) | 2.447 | 12/31/13 | 2,620,414 |
| 4,161 | Cumulus Media, Inc. Term Loan B | 4.259 | 06/11/14 | 3,835,536 |
| | | | | 11,566,595 |
| | Broadcasting Radio 2.2% | | | |
| 6,799 | CMP KC LLC Term Loan (a)(d) | 6.250 | 05/03/11 | 2,073,621 |
| 13,857 | CMP Susquehanna Corp. Term Loan | 2.313 | 05/05/13 | 11,844,469 |
| 1,728 | LBI Media, Inc. Term Loan | 1.773 | 03/31/12 | 1,599,120 |
| 2,475 | Multicultural Radio Broadcasting, Inc. Second Lien Term Loan | 6.000 | 06/18/13 | 1,670,625 |
| 2,011 | Multicultural Radio Broadcasting, Inc. Term Loan | 3.000 | 12/18/12 | 1,656,728 |
| | | | | 18,844,563 |
| | Broadcasting Television 3.5% | | | |
| 939 | Barrington Broadcasting, LLC Term Loan | 4.500 | 08/12/13 | 882,336 |
| 2,625 | FoxCo Acquisition Sub, LLC Term Loan | 7.500 | 07/14/15 | 2,614,860 |
| 954 | High Plains Broadcasting Operating Co. LLC Term Loan | 9.000 | 09/14/16 | 934,806 |
| 3,630 | Newport Television, LLC Term Loan B | 9.000 | 09/14/16 | 3,557,832 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) continued

| Principal Amount | | | | |
|---------------------|--|--------|---------------------|--------------|
| (000) | Borrower | Coupon | Stated Maturity* | Value |
| | Broadcasting Television (continued) | | | |
| \$ 3,632 | Sunshine Acquisition, Ltd. Term Loan | 5.499% | 06/01/12 | \$ 3,470,761 |
| 21,053 | Univision Communications, Inc. Initial Term Loan | 2.540 | 09/29/14 | 19,232,108 |
| | | | | 30,692,703 |
| | Buildings & Real Estate 2.3% | | | |
| 1,305 | CB Richard Ellis Services, Inc. Term Loan B | 6.000 | 12/20/13 | 1,306,494 |
| 998 | CB Richard Ellis Services, Inc. Term Loan B-1 | 6.500 | 12/21/15 | 1,000,685 |
| 2,300 | CB Richard Ellis Services, Inc. Term Loan B-1A | 7.000 | 12/21/15 | 2,305,750 |
| 2,500 | El Ad IDB Las Vegas, LLC Term Loan A1 | 3.001 | 08/09/12 | 1,500,000 |
| 10,106 | Ginn LA CS Borrower First Lien Term Loan (d) | 6.196 | 06/08/11 | 732,664 |
| 4,714 | Ginn LA CS Borrower First Lien Credit Linked A (d) | 7.750 | 06/08/11 | 341,786 |
| 6,000 | Ginn LA CS Borrower Second Lien Term Loan (a)(d) | 10.196 | 06/08/12 | 10,002 |
| 2,200 | Kyle Acquisition Group, LLC Term Loan B (d)(g) | 5.750 | 07/20/09 | 220,000 |
| 3,000 | Kyle Acquisition Group, LLC Term Loan C (d) | 4.000 | 07/20/11 | 300,000 |
| 1,000 | Lake At Las Vegas Joint Venture, LLC DIP Term Loan (b)(e) | 9.773 | 07/15/10 | 300,000 |
| 12 | Lake At Las Vegas Joint Venture, LLC Mezzanine Term Loan (b)(d)(e) | 20.000 | 10/01/10 | 199 |
| 6,810 | Lake At Las Vegas Joint Venture, LLC New Term Loan (b)(d)(e) | 14.333 | 06/20/12 | 109,253 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) continued

| Principal Amount | | | | |
|---------------------|--|---------|---------------------|------------|
| (000) | Borrower | Coupon | Stated Maturity* | Value |
| | Buildings & Real Estate (continued) | | | |
| \$ 602 | Lake At Las Vegas Joint Venture, LLC Revolving Credit Agreement (b)(d)(e) | 14.350% | 06/20/12 | \$ 9,655 |
| 1,207 | NLV Holdings, LLC First Lien Term Loan (b)(d)(e)(g) | 5.750 | 03/31/10 | 328,995 |
| 2,456 | NLV Holdings, LLC Second Lien Term Loan (b)(d)(e) | 5.250 | 05/09/12 | 181,158 |
| 1,414 | Realogy Corp. Letter of Credit | 3.375 | 10/10/13 | 1,285,598 |
| 5,254 | Realogy Corp. Term Loan | 3.292 | 10/10/13 | 4,775,077 |
| 1,908 | South Edge, LLC Term Loan A (d)(g) | 5.250 | 10/31/08 | 891,994 |
| 2,000 | South Edge, LLC Term Loan C (d) (g) | 5.500 | 10/31/09 | 910,000 |
| 540 | Standard Pacific Corp. Term Loan | 2.000 | 05/05/13 | 497,700 |
| 497 | Tamarack Resorts, LLC Term Loan (d)(g) | 20.250 | 07/02/09 | 397,521 |
| 2,400 | Tamarack Resorts, LLC Credit Lined Note A (d) | 8.051 | 05/19/11 | 36,000 |
| 3,546 | Tamarack Resorts, LLC Term Loan B (d) | 7.500 | 05/19/11 | 53,190 |
| 797 | WCI Communities, Inc. First Lien Term Loan | 10.070 | 09/03/14 | 795,906 |
| 1,190 | WCI Communities, Inc. PIK Term Loan (b) | 10.000 | 09/02/16 | 1,154,207 |
| 2,866 | Yellowstone Mountain Club, LLC First Lien Term Loan (a)(d) | 4.625 | 09/30/10 | 0 |
| 1,010 | Yellowstone Mountain Club, LLC Term Loan Note | 6.000 | 07/16/14 | 1,000,010 |
| | | | | 20,443,844 |
| | Business Equipment & Services 4.7% | | | |
| 6,800 | Affinion Group, Inc. Term Loan B | 5.000 | 10/10/16 | 6,766,000 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) continued

| Principal Amount | | | | |
|--|--|--------|---------------------|--------------|
| (000) | Borrower | Coupon | Stated Maturity* | Value |
| Business Equipment & Services (continued) | | | | |
| \$ 3,587 | First American Payment Systems, LP Term Loan | 3.313% | 10/06/13 | \$ 3,369,068 |
| 2,135 | GSI Holdings, LLC Term Loan | 3.260 | 08/01/14 | 1,996,528 |
| 532 | InfoUSA, Inc. Additional Term Loan B | 2.050 | 02/14/12 | 529,867 |
| 837 | InfoUSA, Inc. Term Loan B | 2.050 | 02/14/12 | 834,540 |
| 5,036 | KAR Holdings, Inc. Term Loan B | 3.030 | 10/18/13 | 4,949,190 |
| 5,242 | NCO Financial Systems Term Loan B | 6.910 | 05/15/13 | 5,184,821 |
| 12,314 | Nielsen Finance, LLC Class A Term Loan | 2.251 | 08/09/13 | 12,031,536 |
| 175 | RGIS Holdings, LLC Delayed Draw Term Loan | 2.790 | 04/30/14 | 165,963 |
| 3,499 | RGIS Holdings, LLC Term Loan B | 2.790 | 04/30/14 | 3,319,252 |
| 171 | Sedgwick CMS Holdings, Inc. Term Loan B | 2.523 | 01/31/13 | 169,219 |
| 1,938 | SMG Holdings, Inc. Term Loan B | 3.330 | 07/27/14 | 1,821,722 |
| | | | | 41,137,706 |
| Chemicals, Plastics & Rubber 8.8% | | | | |
| 2,400 | Brenntag Holdings GmbH and Co. Second Lien Term Loan (Germany) | 6.473 | 07/07/15 | 2,408,400 |
| 1,323 | Celanese Holdings, LLC Dollar Term Loan | 2.042 | 04/02/14 | 1,299,047 |
| 2,883 | Cristal Inorganic Chemicals US, Inc. First Lien Term Loan | 2.540 | 05/15/14 | 2,720,702 |
| 3,740 | Hexion Specialty Chemicals, Inc. Extended Term Loan C1 | 4.063 | 05/05/15 | 3,610,413 |
| 1,657 | Hexion Specialty Chemicals, Inc. Extended Term Loan C2 | 4.063 | 05/05/15 | 1,599,254 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) continued

| Principal Amount | | | Stated Maturity* | Value |
|---|---|--------|---------------------|--------------|
| (000) | Borrower | Coupon | | |
| Chemicals, Plastics & Rubber (continued) | | | | |
| \$ 2,495 | Hexion Specialty Chemicals, Inc. Extended Term Loan C5 | 4.063% | 05/05/15 | \$ 2,370,182 |
| 3,782 | Huntsman International, LLC New Term Loan | 2.060 | 04/21/14 | 3,649,685 |
| 4,347 | Huntsman International, LLC Term Loan C | 2.520 | 06/30/16 | 4,215,817 |
| 6,651 | Kraton Polymers, LLC Term Loan | 2.313 | 05/13/13 | 6,416,688 |
| 529 | Lyondell Chemical Co. DIP Term Loan (f) (g) | 5.796 | 04/06/10 | 546,216 |
| 3,014 | Lyondell Chemical Co. Exit Term Loan | 5.500 | 04/08/16 | 3,014,442 |
| 3,255 | Lyondell Chemical Co. DIP Term Loan Roll Up (g) | 6.560 | 04/06/10 | 3,456,450 |
| 14,668 | Lyondell Chemical Co. CAM Exchange Term Loan (e) | 3.748 | 12/22/14 | 13,311,241 |
| 72 | Lyondell Chemical Co. CAM Exchange US Primary Revolving Credit Agreement (e) (f) | 7.000 | 12/20/13 | 65,301 |
| 1,180 | Nalco Co. Add on Term Loan | 2.023 | 05/13/16 | 1,176,004 |
| 4,733 | Nalco Co. Term Loan | 6.500 | 05/13/16 | 4,779,380 |
| 2,477 | Nusil Technology LLC New Term Loan B | 6.000 | 02/18/15 | 2,501,778 |
| 5,927 | PQ Corp. Term Loan B | 3.570 | 07/30/14 | 5,478,566 |
| 1,580 | Rockwood Specialties Group, Inc. Term Loan E | 4.500 | 07/30/12 | 1,582,609 |
| 2,029 | Rockwood Specialties Group, Inc. Term Loan H | 6.000 | 05/15/14 | 2,046,514 |
| 5,330 | Solutia, Inc. Term Loan B | 4.750 | 03/17/17 | 5,373,393 |
| 5,105 | Univar Inc. Term Loan | 3.273 | 10/10/14 | 5,024,384 |
| | | | | 76,646,466 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) continued

| Principal Amount | | | | |
|-----------------------------|--|---------------|-----------------------------|--------------|
| (000) | Borrower | Coupon | Stated Maturity* | Value |
| | Construction Material 1.3% | | | |
| \$ 976 | Axia Acquisition Corp. Second Lien Term Loan A | 3.390% | 03/11/16 | \$ 951,441 |
| 1,918 | Axia Acquisition Corp. Second Lien Term Loan B | 3.390 | 03/12/16 | 1,793,155 |
| 1,712 | Building Materials Holding Corp. Second Lien Term Loan (b) | 8.000 | 01/04/15 | 1,369,307 |
| 2,825 | Contech Construction Products, Inc. Term Loan | 2.260 | 01/31/13 | 2,585,291 |
| 4,303 | Custom Building Products, Inc. Term Loan B | 5.750 | 03/19/15 | 4,310,651 |
| | | | | 11,009,845 |
| | Containers, Packaging & Glass 4.6% | | | |
| 4,241 | Anchor Glass Container Corp. First Lien Term Loan | 6.000 | 03/02/16 | 4,233,091 |
| 1,425 | Anchor Glass Container Corp. Second Lien Term Loan | 10.000 | 09/02/16 | 1,417,875 |
| 3,400 | Berlin Packaging, LLC Term Loan | 3.283 | 08/17/14 | 3,085,255 |
| 3,817 | Berry Plastics Group, Inc. Term Loan C | 2.257 | 04/03/15 | 3,575,769 |
| 110 | Graham Packaging Co., L.P. New Term Loan B | 2.500 | 10/07/11 | 108,998 |
| 6,481 | Graham Packaging Co., L.P. Term Loan C | 6.750 | 04/05/14 | 6,544,040 |
| 1,198 | Graphic Packaging International, Inc. Term Loan B | 2.300 | 05/16/14 | 1,182,300 |
| 6,018 | Kranson Industries, Inc. Term Loan B | 2.620 | 07/31/13 | 5,967,509 |
| 5,489 | Packaging Dynamics Operating Co. Term Loan | 2.328 | 06/09/13 | 4,981,370 |
| 2,022 | Pertus Sechzehnte GmbH Term Loan B2 (Germany) | 2.649 | 06/13/15 | 1,720,799 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) continued

| Principal Amount | Borrower | Coupon | Stated Maturity* | Value |
|-------------------------|--|---------------|-------------------------|--------------|
| (000) | | | | |
| | Containers, Packaging & Glass (continued) | | | |
| \$ 2,022 | Pertus Sechzehnte GmbH Term Loan C2 (Germany) | 2.899% | 06/13/16 | \$ 1,720,800 |
| 4,770 | Reynolds Group Holdings Inc. Dollar Term Loan | 6.250 | 05/05/16 | 4,801,005 |
| 825 | Tegrant Holding Corp. Second Lien Term Loan | 5.800 | 03/08/15 | 585,750 |
| | | | | 39,924,561 |
| | Diversified Manufacturing 0.9% | | | |
| 342 | Arnold Magnetic Technologies Corp. Term Loan A (a) | 9.000 | 03/07/11 | 289,282 |
| 519 | Arnold Magnetic Technologies Corp. Term Loan B (a) | 9.000 | 03/06/12 | 438,709 |
| 346 | Arnold Magnetic Technologies Corp. Term Loan C (a) | 9.000 | 03/06/12 | 292,628 |
| 809 | Arnold Magnetic Technologies Corp. Term Loan D (a) | 9.000 | 03/06/12 | 683,847 |
| 586 | MW Industries, Inc. Acquisition Term Loan (a) | 7.500 | 11/01/13 | 557,562 |
| 4,576 | MW Industries, Inc. Term Loan (a) | 7.500 | 11/01/13 | 4,353,863 |
| 404 | Mueller Water Products, Inc. Term Loan A | 5.290 | 05/24/12 | 404,836 |
| 1,130 | Mueller Water Products, Inc. Term Loan B | 5.328 | 05/23/14 | 1,134,488 |
| | | | | 8,155,215 |
| | Durable Consumer Products 0.2% | | | |
| 1,710 | Brown Jordan International, Inc. Term Loan | 4.260 | 04/30/12 | 1,565,010 |
| | Ecological 1.0% | | | |
| 1,471 | Energy Solutions, LLC Synthetic A Deposit | 4.020 | 06/07/13 | 1,452,951 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) continued

| Principal Amount | | | | |
|---------------------|---|--------|---------------------|------------|
| (000) | Borrower | Coupon | Stated Maturity* | Value |
| | Ecological (continued) | | | |
| \$ 161 | Energy Solutions, LLC Synthetic Letter of Credit | 4.020% | 06/07/13 | \$ 158,870 |
| 2,257 | Energy Solutions, LLC Term Loan | 4.030 | 06/07/13 | 2,229,284 |
| 1,083 | Energy Solutions, LLC Term Loan B | 4.030 | 06/07/13 | 1,069,555 |
| 2,199 | Environmental Systems Products Holdings Second Lien Term Loan (a) | 13.500 | 09/12/14 | 2,199,225 |
| 1,100 | Synagro Technologies, Inc. Second Lien Term Loan | 5.010 | 10/02/14 | 895,584 |
| 1,023 | Synagro Technologies, Inc. Term Loan B | 2.260 | 04/02/14 | 932,361 |
| | | | | 8,937,830 |
| | Education & Child Care 3.5% | | | |
| 1,280 | Bright Horizons Family Solutions, Inc. Revolving Credit Agreement (f) | 1.270 | 05/28/14 | 1,203,200 |
| 2,435 | Bright Horizons Family Solutions, Inc. Term Loan B | 7.500 | 05/28/15 | 2,448,158 |
| 11,793 | Cengage Learning Holdings II, LP Term Loan | 2.790 | 07/03/14 | 10,575,493 |
| 992 | Cengage Learning Holdings II, LP Incremental Term Loan 1 | 7.500 | 07/03/14 | 1,003,589 |
| 250 | Educate, Inc. Second Lien Term Loan | 5.550 | 06/16/14 | 220,937 |
| 3,334 | Education Management, LLC Term Loan C | 2.063 | 06/03/13 | 3,268,762 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) continued

| Principal Amount | | | Stated Maturity* | Value |
|-----------------------------|---|---------------|-----------------------------|---------------|
| (000) | Borrower | Coupon | | |
| | Education & Child Care (continued) | | | |
| \$ 12,188 | Nelson Education, Ltd., Term Loan (Canada) | 2.790% | 07/05/14 | \$ 11,334,375 |
| | | | | 30,054,514 |
| | Electronics 4.5% | | | |
| 913 | Aeroflex, Inc. Term Loan B-1 | 3.500 | 08/15/14 | 896,431 |
| 5,159 | Dealer Computer Services, Inc. Term Loan B | 5.250 | 04/21/17 | 5,159,178 |
| 2,263 | Edwards, Ltd. First Lien Term Loan (Cayman Islands) | 2.252 | 05/31/14 | 2,102,720 |
| 2,067 | Edwards, Ltd. Second Lien Term Loan (Cayman Islands) (b) | 6.002 | 11/30/14 | 1,761,873 |
| 2,166 | Infor Enterprise Solutions Holdings, Inc. Extended Delayed Draw Term Loan | 6.030 | 07/28/15 | 2,100,945 |
| 4,151 | Infor Enterprise Solutions Holdings, Inc. Extended Initial Term Loan | 6.030 | 07/28/15 | 4,032,001 |
| 4,419 | Kronos, Inc. Initial Term Loan | 2.290 | 06/11/14 | 4,266,095 |
| 701 | Matinvest 2 SAS Term Loan B2 (France) | 3.749 | 06/23/14 | 639,203 |
| 701 | Matinvest 2 SAS Term Loan C2 (France) | 3.999 | 06/22/15 | 638,996 |
| 6,240 | Open Solutions, Inc. Term Loan B | 2.445 | 01/23/14 | 5,639,432 |
| 1,273 | Sungard Data Systems, Inc. Incremental Term Loan | 6.750 | 02/28/14 | 1,279,952 |
| 1,265 | Sungard Data Systems, Inc. Term Loan A | 2.001 | 02/28/14 | 1,225,391 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) continued

| Principal Amount | | | | |
|---------------------|---|--------|---------------------|--------------|
| (000) | Borrower | Coupon | Stated Maturity* | Value |
| | Electronics (continued) | | | |
| \$ 7,309 | Sungard Data Systems, Inc. Term Loan B | 3.880% | 02/26/16 | \$ 7,279,950 |
| 2,214 | Verint Systems, Inc. Term Loan B | 3.540 | 05/25/14 | 2,132,775 |
| | | | | 39,154,942 |
| | Entertainment & Leisure 5.4% | | | |
| 3,881 | Bombardier Recreational Products, Inc., Term Loan (Canada) | 3.250 | 06/28/13 | 3,446,075 |
| 3,118 | Cedar Fair, LP Term Loan B Extended | 4.291 | 02/17/14 | 3,094,843 |
| 626 | Cedar Fair, LP Term Loan | 2.270 | 02/17/12 | 621,620 |
| 2,000 | Cedar Fair, LP Term Loan B Extended | 4.273 | 08/30/14 | 2,000,000 |
| 2,354 | Fender Musical Instruments Corp. Delayed Draw Term Loan | 2.500 | 06/09/14 | 2,095,490 |
| 4,661 | Fender Musical Instruments Corp. Term Loan B | 2.550 | 06/09/14 | 4,148,324 |
| 2,288 | Gibson Guitar Corp. Term Loan | 7.250 | 12/29/13 | 2,033,698 |
| 6,000 | Hicks Sports Group LLC Term Loan (d) | 6.750 | 12/22/10 | 5,415,000 |
| 4,786 | Metro-Goldwyn-Mayer Studios, Inc. Revolving Credit Agreement (d) (g) | 20.410 | 04/08/10 | 2,177,653 |
| 14,269 | Metro-Goldwyn-Mayer Studios Inc. Term Loan B (d) | 20.500 | 04/09/12 | 6,625,955 |
| 4,771 | Mets, LP Term Loan C | 2.263 | 07/25/10 | 4,604,428 |
| 2,020 | Playcore Holdings, Inc. Term Loan B | 2.820 | 02/21/14 | 1,949,205 |
| 3,206 | Ticketmaster Entertainment, Inc. Delayed Draw Term Loan B | 7.000 | 07/25/14 | 3,238,775 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) continued

| Principal Amount | | | | |
|---------------------|--|---------|---------------------|--------------|
| (000) | Borrower | Coupon | Stated Maturity* | Value |
| | Entertainment & Leisure (continued) | | | |
| \$ 3,474 | True Temper Sports, Inc. Term Loan (a) | 13.000% | 10/14/13 | \$ 3,473,842 |
| 1,995 | Universal City Development Partners, Ltd. New Term Loan B | 5.500 | 11/06/14 | 2,008,700 |
| | | | | 46,933,608 |
| | Farming & Agriculture 0.6% | | | |
| 3,677 | WM. Bolthouse Farms, Inc. New First Lien Term Loan | 5.500 | 02/11/16 | 3,706,151 |
| 1,773 | WM. Bolthouse Farms, Inc. New Second Lien Term Loan | 9.500 | 08/11/16 | 1,789,901 |
| | | | | 5,496,052 |
| | Finance 8.7% | | | |
| 3,091 | American General Finance Corp. Term Loan B | 7.250 | 04/21/15 | 3,100,182 |
| 176 | Fidelity National Information Solutions, Inc. Term Loan C | 4.506 | 01/18/12 | 177,862 |
| 9,197 | First Data Corp. Term Loan B1 | 3.014 | 09/24/14 | 8,291,673 |
| 13,432 | First Data Corp. Term Loan B2 | 3.030 | 09/24/14 | 12,089,971 |
| 8,424 | First Data Corp. Term Loan B3 | 3.032 | 09/24/14 | 7,585,167 |
| 4,331 | Grosvenor Capital Management Holdings, LLP Term Loan B | 2.250 | 12/05/13 | 3,984,644 |
| 5,531 | iPayment, Inc. Term Loan | 2.280 | 05/10/13 | 5,307,862 |
| 6,851 | LPL Holdings, Inc. Term Loan D | 2.040 | 06/28/13 | 6,683,630 |
| 2,402 | Metavante Corp. Term Loan B | 3.500 | 11/01/14 | 2,421,976 |
| 2,575 | National Processing Co. Group, Inc. Second Lien Term Loan | 10.750 | 09/29/14 | 2,353,980 |
| 5,683 | National Processing Co. Group, Inc. Term Loan B | 7.000 | 09/29/13 | 5,653,496 |
| 5,740 | Nuveen Investments, Inc. Term Loan | 3.320 | 11/13/14 | 5,263,520 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) continued

| Principal Amount | | | | |
|---------------------|--|--------|---------------------|--------------|
| (000) | Borrower | Coupon | Stated Maturity* | Value |
| | Finance (continued) | | | |
| \$ 4,273 | Oxford Acquisition III, Ltd., U.S. Term Loan (United Kingdom) | 2.063% | 05/12/14 | \$ 3,984,836 |
| 2,523 | RJO Holdings Corp. Second Lien Term Loan (b) | 9.010 | 07/13/15 | 264,915 |
| 4,785 | RJO Holdings Corp. Term Loan B (b) | 5.260 | 07/12/14 | 3,238,177 |
| 3,269 | Transfirst Holdings, Inc. Second Lien Term Loan (b) | 7.040 | 06/15/15 | 2,765,023 |
| 2,917 | Transfirst Holdings, Inc. Term Loan B | 3.040 | 06/15/14 | 2,764,331 |
| | | | | 75,931,245 |
| | Grocery 0.8% | | | |
| 7,159 | Roundy's Supermarkets, Inc. Extended Term Loan | 5.810 | 11/03/13 | 7,225,715 |
| | Health & Beauty 1.0% | | | |
| 1,840 | American Safety Razor Co. First Lien Term Loan | 6.750 | 07/31/13 | 1,708,541 |
| 2,845 | American Safety Razor Co. Second Lien Term Loan | 10.500 | 01/30/14 | 1,683,388 |
| 1,566 | Marietta Intermediate Holdings Corp. Term Loan B (b) | 8.250 | 02/19/15 | 1,440,429 |
| 4,094 | Philosophy, Inc. Term Loan B | 2.030 | 03/16/14 | 3,832,598 |
| | | | | 8,664,956 |
| | Healthcare 15.6% | | | |
| 1,907 | American Medical Systems, Inc. Term Loan | 2.500 | 07/20/12 | 1,877,911 |
| 3,710 | Capella Healthcare, Inc. First Lien Term Loan | 5.750 | 03/02/15 | 3,709,882 |
| 3,829 | Catalent Pharma Solutions, Inc. Dollar Term Loan | 2.513 | 04/10/14 | 3,652,265 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) continued

| Principal Amount | | | | |
|---------------------|---|--------|---------------------|--------------|
| (000) | Borrower | Coupon | Stated Maturity* | Value |
| | Healthcare (continued) | | | |
| \$ 1,132 | Community Health Systems, Inc. Delayed Draw Term Loan | 2.502% | 07/25/14 | \$ 1,101,655 |
| 22,595 | Community Health Systems, Inc. Term Loan | 2.502 | 07/25/14 | 21,995,102 |
| 5,208 | DSI Renal, Inc. Term Loan (b) | 9.000 | 03/31/13 | 5,117,097 |
| 4,099 | Fresenius SE, Term Loan C1 (Germany) | 4.500 | 09/10/14 | 4,148,744 |
| 2,474 | Fresenius SE, Term Loan C2 (Germany) | 4.500 | 09/10/14 | 2,504,387 |
| 428 | Genoa Healthcare Group, LLC Term Loan B | 5.500 | 08/10/12 | 417,361 |
| 12,932 | HCA, Inc. Extended Term Loan B2 | 3.540 | 03/31/17 | 12,864,260 |
| 1,098 | HCA, Inc. Term Loan A | 1.790 | 11/16/12 | 1,066,814 |
| 5,392 | HCA, Inc. Term Loan B | 2.540 | 11/18/13 | 5,254,381 |
| 4,281 | HCR Healthcare, LLC Term Loan B | 2.773 | 12/22/14 | 4,217,148 |
| 10,484 | Health Management Associates, Inc. Term Loan B | 2.040 | 02/28/14 | 10,172,296 |
| 672 | HealthSouth Corp. Extended Term Loan B | 4.010 | 09/10/15 | 672,605 |
| 817 | HealthSouth Corp. Term Loan B | 2.510 | 03/11/13 | 803,779 |
| 6,076 | IMS Health Inc. Term Loan B | 5.250 | 02/26/16 | 6,123,125 |
| 10,698 | Inverness Medical Innovations, Inc. First Lien Term Loan | 2.270 | 06/26/14 | 10,529,015 |
| 4,060 | Multiplan, Inc. Incremental Term Loan | 6.000 | 04/12/13 | 4,071,371 |
| 4,321 | Multiplan, Inc. Term Loan B | 3.563 | 04/12/13 | 4,256,025 |
| 4,531 | Multiplan, Inc. Term Loan C | 3.563 | 04/12/13 | 4,463,451 |
| 5,312 | Rehabcare Group, Inc. Term Loan B | 6.000 | 11/24/15 | 5,345,688 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) continued

| Principal Amount | | | | |
|---------------------|---|--------|---------------------|--------------|
| (000) | Borrower | Coupon | Stated Maturity* | Value |
| | Healthcare (continued) | | | |
| \$ 1,865 | Select Medical Corp. Term Loan B | 2.251% | 02/24/12 | \$ 1,808,943 |
| 2,264 | Skilled Healthcare Group, Inc. Term Loan B (f) | 5.250 | 04/08/16 | 2,269,716 |
| 402 | Sun Healthcare Group, Inc. Synthetic Letter of Credit | 2.290 | 04/21/14 | 388,218 |
| 1,796 | Sun Healthcare Group, Inc. Term Loan B | 2.350 | 04/21/14 | 1,733,153 |
| 10,185 | Surgical Care Affiliates, LLC Term Loan | 2.290 | 12/29/14 | 9,828,783 |
| 822 | United Surgical Partners, International Inc. Delayed Draw Term Loan | 2.270 | 04/21/14 | 798,525 |
| 4,991 | United Surgical Partners, International Inc. Term Loan B | 2.290 | 04/19/14 | 4,847,527 |
| | | | | 136,039,227 |
| | Home & Office Furnishings, Housewares & Durable Consumer Products 0.8% | | | |
| 1,000 | Hunter Fan Co. Second Lien Term Loan | 7.000 | 10/16/14 | 622,500 |
| 167 | Hunter Fan Co. Revolving Credit Agreement (f) | 1.840 | 04/16/13 | 141,667 |
| 1,107 | Hunter Fan Co. Term Loan | 2.760 | 04/16/14 | 1,009,336 |
| 2,577 | Mattress Holdings Corp. Term Loan B | 2.690 | 01/18/14 | 2,141,298 |
| 3,423 | National Bedding Co. LLC Second Lien Term Loan | 5.313 | 02/28/14 | 3,183,753 |
| | | | | 7,098,554 |
| | Hotels, Motels, Inns & Gaming 7.0% | | | |
| 1,250 | BLB Worldwide Holdings, Inc. Second Lien Term Loan (d) | 6.500 | 07/18/12 | 75,000 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) continued

| Principal Amount | | | | |
|---------------------|--|--------|---------------------|--------------|
| (000) | Borrower | Coupon | Stated Maturity* | Value |
| | Hotels, Motels, Inns & Gaming (continued) | | | |
| \$ 6,381 | BLB Worldwide Holdings, Inc. Term Loan B (b) | 4.750% | 07/18/11 | \$ 4,583,742 |
| 500 | Cannery Casino Resorts, LLC Second Lien Term Loan | 4.509 | 05/16/14 | 422,500 |
| 2,494 | Cannery Casino Resorts, LLC Delayed Draw Term Loan | 4.501 | 05/20/13 | 2,330,748 |
| 589 | Cannery Casino Resorts, LLC Revolving Credit Agreement (f) | 2.780 | 05/18/12 | 503,284 |
| 3,017 | Cannery Casino Resorts, LLC Term Loan B | 4.509 | 05/18/13 | 2,818,843 |
| 3,223 | CCM Merger, Inc. Term Loan B | 8.500 | 07/13/12 | 3,197,966 |
| 1,981 | Golden Nugget, Inc. New Delayed Draw Term Loan (b) | 3.270 | 06/30/14 | 1,548,706 |
| 3,481 | Golden Nugget, Inc. Term Loan B (b) | 3.280 | 06/30/14 | 2,720,756 |
| 36 | Greektown Casino, LLC Incremental Term Loan B (b)(d)(e) | 7.000 | 12/03/12 | 38,924 |
| 248 | Greektown Casino, LLC Term Loan B (b)(d)(e) | 7.000 | 12/03/12 | 270,574 |
| 499 | Harrah s Operating Co., Inc. Incremental Term Loan B4 | 9.500 | 10/31/16 | 518,804 |
| 11,469 | Harrah s Operating Co., Inc. Term Loan B1 | 3.316 | 01/28/15 | 10,108,692 |
| 6,351 | Harrah s Operating Co., Inc. Term Loan B3 | 3.320 | 01/28/15 | 5,581,639 |
| 802 | Isle Of Capri Casinos, Inc. New Delayed Draw Term Loan A | 5.000 | 11/25/13 | 785,459 |
| 912 | Isle Of Capri Casinos, Inc. New Delayed Draw Term Loan B | 5.000 | 11/25/13 | 893,074 |
| 2,280 | Isle Of Capri Casinos, Inc. New Term Loan B | 5.000 | 11/25/13 | 2,232,684 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) continued

| Principal Amount | | | | |
|-------------------------|---|---------------|-------------------------|--------------|
| (000) | Borrower | Coupon | Stated Maturity* | Value |
| | Hotels, Motels, Inns & Gaming (continued) | | | |
| \$ 2,461 | Las Vegas Sands, LLC/Venetian Casino Delayed Draw Term Loan | 2.050% | 05/23/14 | \$ 2,330,620 |
| 7,521 | Las Vegas Sands, LLC/Venetian Casino Term Loan B | 2.050 | 05/23/14 | 7,123,424 |
| 1,222 | Magnolia Hill, LLC Delayed Draw Term Loan | 3.516 | 10/30/13 | 1,100,168 |
| 3,479 | Magnolia Hill, LLC Term Loan | 3.530 | 10/30/13 | 3,131,248 |
| 2,529 | MGM Mirage Class D Term Loan | 6.000 | 10/03/11 | 2,489,090 |
| 176 | Venetian Macau, Ltd. Delayed Draw Term Loan B | 4.800 | 05/25/12 | 173,512 |
| 3,409 | Venetian Macau, Ltd. New Project Term Loan | 4.800 | 05/27/13 | 3,361,833 |
| 2,302 | Venetian Macau, Ltd. Term Loan B | 4.800 | 05/27/13 | 2,273,325 |
| | | | | 60,614,615 |
| | Insurance 3.5% | | | |
| 3,884 | Alliant Holdings I, Inc. Term Loan B | 3.290 | 08/21/14 | 3,723,388 |
| 7,007 | AmWins Group, Inc. First Lien Term Loan | 2.770 | 06/08/13 | 6,574,450 |
| 595 | Applied Systems, Inc. Term Loan | 2.773 | 09/26/13 | 570,842 |
| 2,335 | Audatex North America, Inc. Term Loan C | 2.063 | 05/16/14 | 2,300,880 |
| 2,324 | Conseco, Inc. New Term Loan | 7.500 | 10/10/13 | 2,268,551 |
| 825 | HMSC Corp. Second Lien Term Loan | 5.838 | 10/03/14 | 554,812 |
| 3,897 | Mitchell International, Inc. Second Lien Term Loan | 5.563 | 03/30/15 | 3,321,923 |
| 4,991 | USI Holdings Corp. Term Loan | 3.050 | 05/05/14 | 4,660,334 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) continued

| Principal Amount | | | | |
|-----------------------------|--|---------------|-----------------------------|--------------|
| (000) | Borrower | Coupon | Stated Maturity* | Value |
| | Insurance (continued) | | | |
| \$ 1,450 | Vertafore, Inc. Second Lien Term Loan | 6.252% | 01/31/13 | \$ 1,363,000 |
| 5,324 | Vertafore, Inc. Term Loan B2 | 5.500 | 07/31/14 | 5,177,363 |
| | | | | 30,515,543 |
| | Machinery 1.8% | | | |
| 3,912 | Baldor Electric Co. Term Loan B | 5.250 | 01/31/14 | 3,938,893 |
| 3,250 | Bucyrus International, Inc. Term Loan | 4.500 | 02/19/16 | 3,276,104 |
| 4,815 | Goodman Global, Inc. Term Loan B | 6.250 | 02/13/14 | 4,838,126 |
| 1,500 | Manitowoc Co., Inc. Term Loan B | 4.813 | 11/06/14 | 1,505,894 |
| 2,918 | Mold-Masters Luxembourg Holdings, SA Mold Masters Term Loan | 3.875 | 10/11/14 | 2,407,395 |
| | | | | 15,966,412 |
| | Medical Products & Services 2.2% | | | |
| 6,680 | Biomet, Inc. Term Loan B | 3.280 | 03/25/15 | 6,598,586 |
| 7,643 | Carestream Health, Inc. First Lien Term Loan | 2.273 | 04/30/13 | 7,453,073 |
| 4,842 | DJO Finance, LLC New Term Loan B | 3.273 | 05/20/14 | 4,723,058 |
| 407 | Orthofix Holdings, Inc. Term Loan | 6.750 | 09/22/13 | 406,764 |
| | | | | 19,181,481 |
| | Mining, Steel, Iron & Non-Precious Metals 0.0% | | | |
| 404 | John Maneely Co. Term Loan | 3.550 | 12/09/13 | 389,122 |
| | Natural Resources 0.8% | | | |
| 1,000 | Dresser, Inc. Second Lien Term Loan | 6.000 | 05/04/15 | 973,000 |
| 5,000 | Dresser, Inc. Term Loan | 2.500 | 05/04/14 | 4,877,330 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) continued

| Principal Amount | | | | |
|-----------------------------|--|---------------|-----------------------------|--------------|
| (000) | Borrower | Coupon | Stated Maturity* | Value |
| | Natural Resources (continued) | | | |
| \$ 1,458 | Targa Resources, Inc. New Term Loan | 6.000% | 07/05/16 | \$ 1,465,184 |
| | | | | 7,315,514 |
| | Non-Durable Consumer Products 3.1% | | | |
| 3,732 | Amscan Holdings, Inc. New Term Loan | 2.534 | 05/25/13 | 3,591,579 |
| 5,246 | Huish Detergents, Inc. Term Loan B | 2.030 | 04/26/14 | 5,140,955 |
| 397 | KIK Custom Products, Inc. Canadian Term Loan | 2.570 | 06/02/14 | 348,538 |
| 2,314 | KIK Custom Products, Inc. First Lien Term Loan | 2.570 | 06/02/14 | 2,033,141 |
| 4,000 | KIK Custom Products, Inc. Second Lien Term Loan | 5.316 | 11/30/14 | 2,640,000 |
| 9,369 | Spectrum Brands, Inc. Dollar Term Loan | 8.000 | 06/29/12 | 9,371,066 |
| 479 | Spectrum Brands, Inc. Letter of Credit | 8.000 | 06/29/12 | 478,769 |
| 3,236 | Yankee Candle Co., Inc. Term Loan B | 2.280 | 02/06/14 | 3,182,612 |
| | | | | 26,786,660 |
| | Paper & Forest Products 1.2% | | | |
| 2,400 | Ainsworth Lumber Co., Ltd. Term Loan | 5.313 | 06/26/14 | 2,208,000 |
| 995 | Georgia Pacific Corp. New Term Loan B | 2.270 | 12/21/12 | 990,362 |
| 638 | Georgia Pacific Corp. New Term Loan C | 3.530 | 12/23/14 | 640,131 |
| 1,736 | Tidi Products, LLC Term Loan A (a) | 3.250 | 12/29/11 | 1,704,297 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) continued

| Principal Amount | | | | |
|-------------------------|---|---------------|-------------------------|--------------|
| (000) | Borrower | Coupon | Stated Maturity* | Value |
| | Paper & Forest Products (continued) | | | |
| \$ 413 | Tidi Products, LLC Term Loan B (a) | 4.754% | 06/29/12 | \$ 404,869 |
| 414 | Verso Paper Holding, LLC Term Loan (b) | 6.570 | 02/01/13 | 345,470 |
| 125 | White Birch Paper Co. DIP Delayed Draw Term Loan (Canada) (f) | 4.770 | 12/01/10 | 124,763 |
| 1,296 | White Birch Paper Co. DIP Term Loan B (Canada) | 12.000 | 12/01/10 | 1,296,970 |
| 5,886 | White Birch Paper Co. First Lien Term Loan (Canada) (b)(d) | 7.000 | 05/08/14 | 2,377,776 |
| | | | | 10,092,638 |
| | Pharmaceuticals 2.4% | | | |
| 6,933 | Mylan Laboratories, Inc. Term Loan B | 3.563 | 10/02/14 | 6,935,375 |
| 125 | Nyco Holdings 2 ApS Term Loan A (Denmark) | 1.790 | 12/29/13 | 117,333 |
| 2,228 | Nyco Holdings 2 ApS Term Loan B2 (Denmark) | 2.540 | 12/29/14 | 2,095,472 |
| 2,228 | Nyco Holdings 2 ApS Term Loan C2 (Denmark) | 3.290 | 12/29/15 | 2,095,472 |
| 639 | Nyco Holdings 3 ApS Facility A2 (Denmark) | 1.790 | 12/29/13 | 601,246 |
| 20 | Nyco Holdings 3 ApS Facility A3 (Denmark) | 1.790 | 12/29/13 | 18,894 |
| 13 | Nyco Holdings 3 ApS Facility A4 (Denmark) | 1.790 | 12/29/13 | 12,035 |
| 90 | Nyco Holdings 3 ApS Facility A5 (Denmark) | 1.790 | 12/29/13 | 85,101 |
| 1,545 | Warner Chilcott, LLC Incremental Term Loan | 5.750 | 04/30/15 | 1,549,598 |
| 2,964 | Warner Chilcott, LLC Term Loan A | 5.500 | 10/30/14 | 2,972,274 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) continued

| Principal Amount | | | | |
|-----------------------------|--|---------------|-----------------------------|--------------|
| (000) | Borrower | Coupon | Stated Maturity* | Value |
| | Pharmaceuticals (continued) | | | |
| \$ 1,517 | Warner Chilcott, LLC Term Loan B1 | 5.750% | 04/30/15 | \$ 1,521,630 |
| 2,526 | Warner Chilcott, LLC Term Loan B2 | 5.750 | 04/30/15 | 2,533,790 |
| | | | | 20,538,220 |
| | Printing & Publishing 4.8% | | | |
| 789 | Affiliated Media New Term Loan | 8.250 | 03/19/14 | 743,382 |
| 4,018 | Cygnus Business Media, Inc. Term Loan (h) | 9.750 | 06/30/13 | 3,977,858 |
| 1,787 | Dex Media West, LLC New Term Loan | 7.500 | 10/24/14 | 1,703,217 |
| 5,000 | Endurance Business Media, Inc. Second Lien Term Loan (a)(d) | 11.250 | 01/26/14 | 0 |
| 6,260 | Endurance Business Media, Inc. Term Loan (d) | 4.750 | 07/26/13 | 1,564,993 |
| 1,650 | F&W Publications, Inc. Second Lien Term Loan (d) | 6.500 | 02/05/13 | 24,750 |
| 9,973 | F&W Publications, Inc. Term Loan B (d) | 6.500 | 08/05/12 | 5,235,927 |
| 2,896 | GateHouse Media, Inc. Delayed Draw Term Loan | 2.260 | 08/28/14 | 1,433,430 |
| 4,514 | GateHouse Media, Inc. Term Loan B | 2.280 | 08/28/14 | 2,234,193 |
| 1,000 | Knowledgepoint360 Group, LLC Second Lien Term Loan | 7.250 | 04/13/15 | 610,000 |
| 581 | Knowledgepoint360 Group, LLC First Lien Term Loan | 3.500 | 04/14/14 | 435,398 |
| 1,670 | MC Communications, LLC Term Loan (b) | 6.750 | 12/31/12 | 1,002,251 |
| 3,271 | Merrill Communications, LLC Second Lien Term Loan (b) | 14.754 | 11/15/13 | 2,780,651 |
| 5,338 | Network Communications, Inc. Term Loan | 2.420 | 11/30/12 | 3,709,615 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) continued

| Principal Amount | | | | |
|---------------------|--|--------|---------------------|------------|
| (000) | Borrower | Coupon | Stated Maturity* | Value |
| | Printing & Publishing (continued) | | | |
| \$ 453 | Proquest CSA, LLC Term Loan | 2.780% | 02/09/14 | \$ 429,533 |
| 493 | SuperMedia, Inc. Exit Term Loan | 11.000 | 12/31/15 | 463,004 |
| 26,984 | Tribune Co. Bridge Loan (d)(e) | 8.250 | 12/20/15 | 640,868 |
| 8,662 | Tribune Co. Term Loan B (d)(e) | 5.250 | 06/04/14 | 5,827,997 |
| 2,330 | West Corp., Term Loan Term Loan B2 | 2.640 | 10/24/13 | 2,277,562 |
| 6,231 | Yell Group PLC New Term Loan B1 (United Kingdom) | 4.023 | 07/31/14 | 5,195,220 |
| 1,690 | Yell Group PLC New Term Loan A3 (United Kingdom) | 3.773 | 04/30/14 | 1,413,509 |
| | | | | 41,703,358 |
| | Restaurants & Food Service 2.5% | | | |
| 4,272 | Advantage Sales & Marketing, Inc. Term Loan | 2.260 | 03/29/13 | 4,272,059 |
| 344 | Aramark Corp. Extended Letter of Credit | 3.542 | 07/26/16 | 342,018 |
| 5,224 | Aramark Corp. Extended Term Loan B | 3.540 | 07/26/16 | 5,200,603 |
| 193 | Aramark Corp. Synthetic Letter of Credit | 2.167 | 01/27/14 | 190,131 |
| 2,900 | Aramark Corp. Term Loan | 2.165 | 01/27/14 | 2,853,850 |
| 2,721 | Center Cut Hospitality, Inc. Term Loan | 9.250 | 07/06/14 | 2,584,691 |
| 3,969 | NPC International, Inc. Term Loan B | 2.050 | 05/03/13 | 3,859,972 |
| 358 | Volume Services America, Inc. Revolving Credit Agreement (f) | 4.310 | 12/31/12 | 358,140 |
| 2,500 | Volume Services America, Inc. Term Loan | 9.250 | 12/31/12 | 2,499,927 |
| | | | | 22,161,391 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) continued

**Principal
Amount**

| (000) | Borrower | Coupon | Stated Maturity* | Value |
|--------------|---|---------------|-----------------------------|--------------|
| | Retail Oil & Gas 1.0% | | | |
| \$ 931 | The Pantry, Inc. Delayed Draw Term Loan B | 2.030% | 05/15/14 | \$ 896,387 |
| 3,232 | The Pantry, Inc. Term Loan B | 2.030 | 05/15/14 | 3,113,345 |
| 4,323 | Pilot Travel Centers LLC Term Loan B (l) | | 04/30/16 | 4,361,177 |
| | | | | 8,370,909 |
| | Retail Stores 3.5% | | | |
| 2,000 | CDW Corp. Term Loan | 4.338 | 10/10/14 | 1,871,072 |
| 6,186 | Dollar General Corp. Term Loan B-1 | 3.060 | 07/07/14 | 6,107,914 |
| 7,402 | General Nutrition Centers, Inc. Term Loan B | 2.540 | 09/16/13 | 7,209,748 |
| 3,699 | Guitar Center, Inc. Term Loan B | 3.770 | 10/09/14 | 3,462,555 |
| 6,032 | Rite Aid Corp. Term Loan 3 | 6.000 | 06/04/14 | 5,969,343 |
| 2,970 | Sally Holdings, Inc. Term Loan B | 2.520 | 11/15/13 | 2,939,660 |
| 3,129 | Savers, Inc. Term Loan B | 5.750 | 03/11/16 | 3,148,655 |
| | | | | 30,708,947 |
| | Telecommunications Equipment & Services 0.5% | | | |
| 4,887 | Avaya, Inc. Term Loan | 3.002 | 10/24/14 | 4,487,993 |
| | Telecommunications Local Exchange Carriers 1.5% | | | |
| 3,084 | Global Tel*Link Corp. Term Loan B (f) | 6.000 | 03/02/16 | 3,091,345 |
| 1,820 | Intelsat Corp. Term Loan B-2-A | 2.792 | 01/03/14 | 1,788,138 |
| 1,820 | Intelsat Corp. Term Loan B-2-B | 2.792 | 01/03/14 | 1,787,589 |
| 1,820 | Intelsat Corp. Term Loan B-2-C | 2.792 | 01/03/14 | 1,787,590 |
| 819 | Orius Corp., LLC Term Loan A (a)(c)(d)(e)(g) | 6.750 | 01/23/09 | 13,185 |
| 607 | Orius Corp., LLC Term Loan B1 (a)(c)(d)(e)(g) | 7.250 | 01/23/10 | 9,769 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) continued

| Principal Amount | | | | |
|---------------------|---|--------|---------------------|--------------|
| (000) | Borrower | Coupon | Stated Maturity* | Value |
| | Telecommunications Local Exchange Carriers (continued) | | | |
| \$ 5,094 | Sorenson Communications, Inc. Term Loan C | 6.000% | 08/16/13 | \$ 4,996,680 |
| | | | | 13,474,296 |
| | Telecommunications Long Distance 0.7% | | | |
| 1,417 | Level 3 Communications, Inc. Add on Term Loan | 11.500 | 03/13/14 | 1,552,135 |
| 4,600 | Level 3 Communications, Inc. Term Loan A | 2.548 | 03/13/14 | 4,316,815 |
| | | | | 5,868,950 |
| | Telecommunications Wireless 2.2% | | | |
| 6,738 | Asurion Corp. First Lien Term Loan | 3.250 | 07/03/14 | 6,670,839 |
| 3,618 | CommScope, Inc. Term Loan B | 2.790 | 12/26/14 | 3,607,798 |
| 736 | MetroPCS Wireless, Inc. Term Loan B | 2.520 | 11/04/13 | 720,628 |
| 7,782 | NTELOS, Inc. Term Loan B | 5.750 | 08/07/15 | 7,835,083 |
| | | | | 18,834,348 |
| | Textiles & Leather 1.9% | | | |
| 3,022 | Gold Toe Investment Corp. First Lien Term Loan B | 8.500 | 10/30/13 | 2,939,252 |
| 2,750 | Gold Toe Investment Corp. Second Lien Term Loan | 11.750 | 04/30/14 | 2,365,000 |
| 3,906 | HanesBrands, Inc. New Term Loan | 5.250 | 12/10/15 | 3,954,694 |
| 4,850 | Levi Strauss & Co. Term Loan | 2.513 | 03/27/14 | 4,668,086 |
| 2,850 | Varsity Brands, Inc. Term Loan B | 3.063 | 02/22/14 | 2,550,866 |
| | | | | 16,477,898 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) continued

| Principal Amount | | | | |
|---------------------|---|---------|---------------------|------------|
| (000) | Borrower | Coupon | Stated Maturity* | Value |
| | Transportation Cargo 0.2% | | | |
| \$ 927 | Cardinal Logistics Management, Inc. First Lien Term Loan (b) | 12.500% | 09/23/13 | \$ 741,697 |
| 908 | JHCI Acquisitions, Inc. First Lien Term Loan | 2.780 | 06/19/14 | 834,173 |
| | | | | 1,575,870 |
| | Transportation Personal 0.2% | | | |
| 1,981 | Avis Budget Car Rental, LLC New Term Loan | 5.750 | 04/19/14 | 1,981,158 |
| | Utilities 10.1% | | | |
| 1,585 | Bicent Power, LLC First Lien Term Loan B | 2.300 | 06/30/14 | 1,499,614 |
| 4,842 | BRSP, LLC Term Loan B | 7.500 | 06/04/14 | 4,853,891 |
| 25,770 | Calpine Corp. First Priority Term Loan | 3.165 | 03/29/14 | 24,893,879 |
| 5,500 | Firstlight Power Resources, Inc. Second Lien Term Loan | 4.813 | 05/01/14 | 5,060,000 |
| 534 | Firstlight Power Resources, Inc. Synthetic Letter of Credit | 2.813 | 11/01/13 | 518,998 |
| 5,159 | Firstlight Power Resources, Inc. Term Loan B | 2.813 | 11/01/13 | 5,016,926 |
| 2,567 | Longview Power, LLC Delayed Draw Term Loan | 2.563 | 02/28/14 | 2,337,805 |
| 733 | Longview Power, LLC Synthetic Letter of Credit | 2.563 | 02/28/14 | 667,944 |
| 2,200 | Longview Power, LLC Term Loan B | 2.563 | 02/28/14 | 2,003,833 |
| 187 | Mach Gen, LLC Letter of Credit | 2.540 | 02/22/13 | 174,611 |
| 5,203 | NRG Energy, Inc. Synthetic Letter of Credit | 2.040 | 12/09/13 | 5,110,006 |
| 7,889 | NRG Energy, Inc. Term Loan | 2.000 | 12/09/13 | 7,748,836 |
| 254 | NSG Holdings, LLC Letter of Credit | 1.757 | 06/15/14 | 246,786 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) continued

| Principal Amount | | | Stated Maturity* | |
|-------------------------|---|---------------|-------------------------|---------------|
| (000) | Borrower | Coupon | | Value |
| | Utilities (continued) | | | |
| \$ 1,241 | NSG Holdings, LLC Term Loan | 1.757% | 06/15/14 | \$ 1,203,445 |
| 4,516 | Primary Energy Operations, LLC New Term Loan | 6.500 | 10/23/14 | 4,448,359 |
| 7,463 | Texas Competitive Electric Holdings Co., LLC Delayed Draw Term Loan | 3.750 | 10/10/14 | 6,063,751 |
| 5,691 | Texas Competitive Electric Holdings Co., LLC Term Loan B2 | 3.750 | 10/10/14 | 4,680,813 |
| 1,975 | Texas Competitive Electric Holdings Co., LLC Term Loan B3 | 3.752 | 10/10/14 | 1,614,029 |
| 4,700 | TPF Generation Holdings, LLC Second Lien Term Loan C | 4.540 | 12/15/14 | 4,362,775 |
| 828 | TPF Generation Holdings, LLC Synthetic Letter of Credit | 2.290 | 12/13/13 | 804,772 |
| 260 | TPF Generation Holdings, LLC Synthetic Revolving Credit Agreement | 2.290 | 12/15/11 | 252,279 |
| 2,091 | TPF Generation Holdings, LLC Term Loan B | 2.290 | 12/15/13 | 2,032,458 |
| 2,173 | USPF Holdings, LLC Term Loan | 2.013 | 04/11/14 | 2,158,927 |
| | | | | 87,754,737 |
| | Total Variable Rate Senior Loan Interests | | | |
| | 149.0% | | | 1,298,796,857 |

| Par Amount | | | Maturity | Value |
|-------------------|--|---------------|-----------------|--------------|
| (000) | Borrower | Coupon | | |
| | Notes 3.1% | | | |
| | Chemicals, Plastics & Rubber 0.1% | | | |
| 1,103 | Wellman, Inc. (a)(b) | 5.000% | 01/29/19 | \$ 1,103,049 |
| | Construction Material 0.9% | | | |
| 5,063 | Builders FirstSource, Inc. (i) | 13.000 | 02/15/16 | 5,252,863 |
| 2,700 | Compression Polymers Corp. (i) | 7.180 | 07/01/12 | 2,605,500 |
| | | | | 7,858,363 |

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| | | | | |
|-------|---|--------|----------|-----------|
| | Containers, Packaging & Glass 0.2% | | | |
| 1,900 | Berry Plastics Group, Inc. (i) | 5.053 | 02/15/15 | 1,866,750 |
| | Ecological 0.1% | | | |
| 560 | Environmental Systems Products Holdings, Inc. | 18.000 | 03/31/15 | 560,083 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) continued

| Par Amount (000) | Borrower | Coupon | Maturity | Value |
|-------------------------|--|---------------|-----------------|--------------|
| | Healthcare 0.8% | | | |
| \$ 6,167 | Apria Healthcare Group Inc. | 11.250% | 11/01/14 | \$ 6,806,458 |
| | Hotels, Motels, Inns & Gaming 0.2% | | | |
| 2,000 | Wynn Las Vegas LLC | 7.875 | 05/01/20 | 2,027,500 |
| | Non-Durable Consumer Products 0.1% | | | |
| 677 | Targus Group International, Inc. (a) | 10.000 | 12/15/15 | 659,903 |
| | Paper & Forest Products 0.2% | | | |
| 1,500 | Verso Paper Holding, LLC (i) | 3.999 | 08/01/14 | 1,372,500 |
| | Telecommunications Local Exchange Carriers 0.5% | | | |
| 4,500 | Qwest Corp. (i) | 3.507 | 06/15/13 | 4,590,000 |
| | Total Notes 3.1% | | | 26,844,606 |

| Description | Value |
|---|--------------|
| Equities 0.9% | |
| Axia Acquisition Holding, Inc. (595 common shares, Acquired 04/21/10, Cost \$2,673,763) (h) (j) (k) | \$ 1,491,652 |
| Building Materials Holdings Corp. (923,526 common shares, Acquired 01/11/10, Cost \$1,406,020) (j) (k) | 738,821 |
| Comdisco Holdings Co., Inc. (7 common shares, Acquired 09/04/08, Cost \$68) (j) (k) | 64 |
| CTM Media Holdings, Inc. (2,544 common shares, Acquired 09/19/09, Cost \$35,444) (k) | 6,231 |
| Cumulus Media, Inc. (Warrants for 7,614 common shares, Expiration date 06/29/19, Acquired 01/14/10, Cost \$0) (a) (j) (k) | 28,247 |
| Cygnus Business Media, Inc. (5,882 common shares, Acquired 09/29/09, Cost \$1,251,821) (a) (h) (j) (k) | 0 |
| Environmental Systems Products Holdings, Inc. (9,333 common shares, Acquired 09/27/07, Cost \$0) (a) (j) (k) | 0 |
| Environmental Systems Products Holdings, Inc. (4,275 preferred shares, Acquired 09/27/07, Cost \$106,875) (j) (k) | 32,686 |
| Euramax International Inc. (4,207 common shares, Acquired 07/09/09, Cost \$4,543,100) (j) (k) | 757,278 |

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| | |
|---|---|
| Generation Brands, LLC (4,863 common shares, Acquired 01/26/10, Cost \$0) (a) (j) (k) | 0 |
| IAP Worldwide Services, Inc. (Warrants for 17,576 common shares, Expiration date 06/11/15, Acquired 06/18/08, Cost \$0) (a) (j) (k) | 0 |
| IAP Worldwide Services, Inc. (Warrants for 39,841 common shares, Expiration date 06/12/15, Acquired 06/18/08, Cost \$0) (a) (j) (k) | 0 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) continued

| Description | Value |
|---|-----------------------|
| Equities (continued) | |
| IDT Corp. (7,632 common shares, Acquired 01/30/04, Cost \$0)(k) | \$ 75,633 |
| MC Communications, LLC (333,084 common shares, Acquired 07/02/09, Cost \$0) (a) (j) (k) | 0 |
| Media News Group, Inc. (46,746 common shares, Acquired 03/29/10, Cost \$3,069,828) (k) | 747,930 |
| Mega Brands, Inc. (Canada) (553,671 common shares, Acquired 03/31/10, Cost \$1,627,958) (k) | 288,881 |
| Marietta Intermediate Holdings Corp. (2,023,400 common shares, Acquired 04/22/10, Cost \$48,742) (a) (h) (j) (k) | 749,063 |
| Marietta Intermediate Holdings Corp. (Warrants for 247,917 common shares, Acquired 03/17/10, Cost \$0) (a) (j) (k) | 0 |
| Newhall Holding Co., LLC (343,321 common shares, Acquired 08/24/09, Cost \$3,096,884) (k) | 643,727 |
| Safelite Realty (28,448 common shares, Acquired 10/20/00, Cost \$0) (a) (j) (k) | 0 |
| SuperMedia, Inc. (2,333 common shares, Acquired 01/07/10, Cost \$179,917) (k) | 104,752 |
| Targus Group International, Inc. (27,462 common shares, Acquired 12/16/09, Cost \$0) (a) (j) (k) | 0 |
| True Temper Sports, Inc. (121,429 common shares, Acquired 12/17/09, Cost \$4,287,500) (a) (j) (k) | 850,003 |
| Vitruvian Exploration, LLC (40,110 common shares, Acquired 10/19/09, Cost \$1,717,401) (k) | 421,155 |
| WCI Communities, Inc. (6,756 common shares, Acquired 09/23/09, Cost \$759,755) (k) | 574,260 |
| Wellman, Inc. (1,048 common shares, Acquired 02/12/09 & 06/16/09, Cost \$2,941,862) (a) (k) | 344,970 |
| Total Equities 0.9% | 7,855,353 |
| Total Long-Term Investments 153.0% (Cost \$1,497,224,378) | 1,333,496,816 |
| Time Deposit 0.3% State Street Bank & Trust Co. (\$2,554,699 par, 0.01% coupon, dated 04/30/10, to be sold on 05/03/10 at \$2,554,701) (Cost \$2,554,699) | 2,554,699 |
| Total Investments 153.3% (Cost \$1,499,779,077) | 1,336,051,515 |
| Borrowings (29.6%) | (258,000,000) |
| Preferred Shares (including accrued distributions) (23.0%) | (200,029,326) |
| Liabilities in Excess of Other Assets (0.7%) | (6,570,784) |
| Net Assets 100.0% | \$ 871,451,405 |

Van Kampen Senior Income Trust
Portfolio of Investments April 30, 2010 (Unaudited) *continued*

Percentages are calculated as a percentage of net assets.

- (a) Market value is determined in accordance with procedures established in good faith by the Board of Trustees.
- (b) All or a portion of this security is payment-in-kind.
- (c) This borrower is currently in liquidation.
- (d) This Senior Loan interest is non-income producing.
- (e) This borrower has filed for protection in federal bankruptcy court.
- (f) All or a portion of this holding is subject to unfunded loan commitments.
- (g) The borrower is in the process of restructuring or amending the terms of this loan.
- (h) Affiliated Company.
- (i)

Variable rate security. Interest rate shown is that in effect at April 30, 2010.

- (j) Restricted security. Securities were acquired through the restructuring of senior loans. These securities are restricted as they are not allowed to be deposited via the Depository Trust Company. If at a later point in time, the company wishes to register, the issuer will bear the costs associated with registration.
- (k) Non-income producing security.
- (l) This floating rate interest will settle after April 30, 2010, at which time the interest rate will be determined.
- * Senior Loans in the Trust's portfolio generally are subject to mandatory and/or optional prepayment. Because of these mandatory prepayment

conditions and because there may be significant economic incentives for a Borrower to prepay, prepayments of Senior Loans in the Trust's portfolio may occur. As a result, the actual remaining maturity of Senior Loans held in the Trust's portfolio may be substantially less than the stated maturities shown. Although the Trust is unable to accurately estimate the actual remaining maturity of individual Senior Loans, the Trust estimates that the actual average maturity of the Senior Loans held in its portfolio will be approximately 18-24 months.

** Senior Loans in which the Trust invests generally pay interest at rates which are periodically redetermined by reference to a base lending rate plus a premium. These base lending rates are

generally (h) the lending rate offered by one or more major European banks, such as the London Inter-Bank Offered Rate (LIBOR), (ii) the prime rate offered by one or more major United States banks or (iii) the certificate of deposit rate. Senior Loans are generally considered to be restricted in that the Trust ordinarily is contractually obligated to receive approval from the Agent Bank and/or Borrower prior to the disposition of a Senior Loan.

Van Kampen Senior Income Trust**Portfolio of Investments April 30, 2010 (Unaudited) continued****Swap agreements outstanding as of April 30, 2010:****Credit Default Swaps**

| Counterparty | Reference Entity | Buy/Sell Protection | Pay/Receive Fixed Rate | Expiration Date | Notional Amount (000) | Upfront Payments | Value | Credit Rating of Reference Entity * |
|-----------------------------------|---|----------------------------|-------------------------------|------------------------|------------------------------|-------------------------|--------------|--|
| Goldman Sachs International | Calpine Corp. | Sell | 5.000% | 03/20/11 | \$ 2,000 | \$ (65,000) | \$ 47,899 | B |
| Goldman Sachs International | Texas Competitive Electric Holdings Co. LLC | Sell | 2.850 | 06/20/10 | 5,000 | 0 | 4,129 | B- |
| Goldman Sachs International | Texas Competitive Electric Holdings Co. LLC | Sell | 5.000 | 06/20/10 | 3,000 | (97,500) | 18,689 | B- |
| Goldman Sachs International | Texas Competitive Electric Holdings Co. LLC | Sell | 5.000 | 03/20/12 | 5,000 | (112,500) | (83,546) | B- |
| Total Credit Default Swaps | | | | | \$ 15,000 | \$ (275,000) | \$ (12,829) | |

* Credit rating as issued by Standard and Poor's (Unaudited).

Security Valuation The Trust's Senior Loans and notes are valued by the Trust following valuation guidelines established and periodically reviewed by the Trust's Board of Trustees. Under the valuation guidelines, Senior Loans and notes for which reliable market quotes are readily available are valued at the mean of such bid and ask quotes. Where reliable market quotes are not readily available, Senior Loans and notes are valued, where possible, using independent market indicators provided by independent pricing sources approved by the Board of Trustees. Other Senior Loans and notes are valued by independent pricing sources approved by the Board of Trustees based upon pricing models developed, maintained and operated by those pricing sources or valued by Van Kampen Asset Management (the Adviser) by considering a number of factors including consideration of market indicators, transactions in instruments which the Adviser believes may be comparable (including comparable credit quality, interest rate redetermination period and maturity), the credit worthiness of the Borrower, the current interest rate, the

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period until the next interest rate redetermination and the maturity of such Senior Loans. Consideration of comparable instruments may include commercial paper, negotiable certificates of deposit and short-term variable rate securities which have adjustment periods comparable to the Senior Loans in the Trust's portfolio. The fair value of Senior Loans are reviewed and approved by the Trust's Valuation Committee and Board of Trustees.

Van Kampen Senior Income Trust

Portfolio of Investments April 30, 2010 (Unaudited) continued

Equity securities are valued on the basis of prices furnished by pricing services or at fair value as determined in good faith by the Adviser under the direction of the Board of Trustees.

Credit default swaps are valued using quotations obtained from brokers. Short-term securities with remaining maturities of 60 days or less are valued at amortized cost, which approximates market value. Short-term loan participations are valued at cost in the absence of any indication of impairment.

The Trust adopted the provisions of the FASB Staff Position Paper No. FAS 133-1 and FIN 45-4, Disclosures about Credit Derivatives and Certain Guarantees: An Amendment of FASB Statement No. 133 and FASB Interpretation No.45 (FSP FAS 133-1 and FIN 45-4), effective November 30, 2008. FSP FAS 133-1 and FIN 45-4 requires the seller of credit derivatives to provide additional disclosure about its credit derivatives.

The Trust may enter into credit default swap contracts, a type of credit derivative, for hedging purposes or to gain exposure to a credit or index of credits in which the Trust may otherwise invest. A credit default swap is an agreement between two parties to exchange the credit risk of an issuer or index of issuers. A buyer of a credit default swap is said to buy protection by paying periodic fees in return for a contingent payment from the seller if the issuer has a credit event such as bankruptcy, a failure to pay outstanding obligations or deteriorating credit while the swap is outstanding. A seller of a credit default swap is said to sell protection and thus collects the periodic fees and profits if the credit of the issuer remains stable or improves while the swap is outstanding. The seller in a credit default swap contract would be required to pay an agreed-upon amount to the buyer in the event of an adverse credit event of the issuer. This agreed-upon amount approximates the notional amount of the swap as disclosed in the table following the Portfolio of Investments and is estimated to be the maximum potential future payment that the seller could be required to make under the credit default swap contract. In the event of an adverse credit event, the seller generally does not have any contractual remedies against the issuer or any other third party. However, if a physical settlement is elected, the seller would receive the defaulted credit and, as a result, become a creditor of the issuer.

The current credit rating of each individual issuer is listed in the table following the Portfolio of Investments and serves as an indicator of the current status of the payment/performance risk of the credit derivative. Alternatively, for credit default swaps on an index of credits, the quoted market prices and current values serve as an indicator of the current status of the payment/performance risk of the credit derivative. Generally, lower credit ratings and increasing market values, in absolute terms, represent a deterioration of the credit and a greater likelihood of an adverse credit event of the issuer.

Credit default swaps may involve greater risks than if a Trust had invested in the issuer directly. Credit default swaps are subject to general market risk, counterparty risk and credit risk. Swap agreements are not entered into or traded on exchanges and there is no central clearing or guaranty function for swaps. Therefore, swaps are subject to the risk of default or non-performance by the counterparty. If there is a default by the counterparty to a swap agreement, the Trust will have contractual remedies pursuant to the agreements related to the transaction. Counterparties are required to pledge collateral daily (based on the valuation of each swap) on behalf of the Trust with a value approximately equal to the amount of any unrealized gain. Reciprocally, when the Trust has an unrealized loss on a swap contract, the Trust has instructed the custodian to pledge cash or liquid securities as collateral with a value approximately equal to the amount of the unrealized loss. Collateral pledges are monitored and subsequently adjusted if and when the swap valuations fluctuate. Cash collateral is disclosed in the table following the Portfolio of Investments. For cash collateral received, the Trust pays a monthly fee to the counterparty based on the effective rate for federal funds.

Fair Value Measurements Financial Accounting Standards Board Accounting Standards Codification (ASC) 820, *Fair Value Measurements and Disclosures* (ASC 820) (formerly known as FAS 157), defines fair value as the price that the Trust would receive to sell an investment or pay to transfer a liability in an orderly transaction with an independent buyer in the principal market, or in the absence of a principal market the most advantageous market for the investment or liability. ASC 820 establishes a three-tier hierarchy to distinguish between (1) inputs that reflect the assumptions market participants would use in pricing an asset or liability developed based on market data obtained from sources independent of the reporting entity (observable inputs) and (2) inputs that reflect the reporting entity's

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own assumptions about the assumptions market participants would use in pricing an asset or liability developed based on the best information available in the circumstances (unobservable inputs) and to establish classification of fair value measurements for disclosure purposes. Various inputs are used in determining the value of the Trust's investments. The inputs are summarized in the three broad levels listed below.

Van Kampen Senior Income Trust**Portfolio of Investments April 30, 2010 (Unaudited) continued**

Level 1 quoted prices in active markets for identical investments

Level 2 other significant observable inputs (including quoted prices for similar investments, interest rates, prepayment speeds, credit risk, etc.)

Level 3 significant unobservable inputs (including the Trust's own assumptions in determining the fair value of investments)

The inputs or methodology used for valuing securities are not necessarily an indication of the risk associated with investing in those securities.

The following is a summary of the inputs used as of April 30, 2010 in valuing the Trust's investments carried at value.

| Investments | Level 1 Quoted Prices | Level 2 Other Significant Observable Inputs | Level 3 Significant Unobservable Inputs | Total |
|--|-----------------------------|---|--|-------------------------|
| Investments in an Asset Position | | | | |
| Variable Rate Senior Loan Interests | \$ | \$ 1,284,501,150 | \$ 14,295,707 | \$ 1,298,796,857 |
| Notes | | 25,081,654 | 1,762,952 | 26,844,606 |
| Equities | | | | |
| Broadcasting Diversified | | 28,247 | | 28,247 |
| Buildings & Real Estate | 1,217,987 | | | 1,217,987 |
| Chemicals, Plastics, and Rubber | | | 344,970 | 344,970 |
| Construction Material | 2,230,473 | | | 2,230,473 |
| Diversified Manufacturing | 757,278 | | | 757,278 |
| Ecological | | 32,686 | | 32,686 |
| Entertainment & Leisure | | | 850,003 | 850,003 |
| Finance | 64 | | | 64 |
| Health & Beauty | | 749,063 | | 749,063 |
| Natural Resources | 421,155 | | | 421,155 |
| Non-Durable Consumer Products | 288,881 | | | 288,881 |
| Printing & Publishing | 852,682 | | | 852,682 |
| Telecommunications Local Exchange | | | | |
| Carriers | 81,864 | | | 81,864 |
| Time Deposit | | 2,554,699 | | 2,554,699 |
| Credit Default Swaps | | 70,717 | | 70,717 |
| Unfunded Commitments | | 49,827 | | 49,827 |
| Total Investments in an Asset Position | \$ 5,850,384 | \$ 1,313,068,043 | \$ 17,253,632 | \$ 1,336,172,059 |
| Investments in a Liability Position | | | | |
| Credit Default Swaps | \$ | \$ (83,546) | \$ | \$ (83,546) |
| Unfunded Commitments | | (5,216,513) | | (5,216,513) |
| Total Investments in a Liability Position | \$ | \$ (5,300,059) | \$ | \$ (5,300,059) |

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Following is a reconciliation of investments in which significant unobservable inputs (Level 3) were used in determining value:

| | Investments in Loans and Securities | | | | | | | |
|--|-------------------------------------|--------------|------------------------------|---------------------------|-------------------------|-------------------------------|---------------|----------------------|
| | Variable Rate | | Equities | | | | | |
| | Senior Loan | Notes | Chemicals, Plastics & Rubber | Diversified Manufacturing | Entertainment & Leisure | Hotels, Motels, Inns & Gaming | Total | Unfunded Commitments |
| Balance as of 7/31/09 | \$ 26,003,689 | \$ 1,048,000 | \$ 611,330 | \$ 214,562 | \$ | \$ 15,250 | \$ 27,892,831 | \$ (6,973) |
| Accrued | | | | | | | | |
| Discounts/Premiums | 3,541 | 38.00 | | | | | 3,579 | |
| Realized Gain/Loss | (46,070,947) | | | | | 54,880 | (46,016,067) | |
| Change in Unrealized | | | | | | | | |
| Appreciation/Depreciation | 43,849,920 | (1,521,742) | (266,360) | 4,328,538 | (3,437,497) | (15,250) | 42,937,609 | 6,973 |
| Net Purchases/Sales | 3,773,467 | 2,236,656 | | (4,543,100) | 4,287,500 | (54,880) | 5,699,643 | |
| Net Transfers In and/or | | | | | | | | |
| Out of Level 3* | (13,263,963) | | | | | | (13,263,963) | |
| Balance as of 4/30/10 | \$ 14,295,707 | \$ 1,762,952 | \$ 344,970 | \$ | \$ 850,003 | \$ | \$ 17,253,632 | \$ |
| Net Change in Unrealized Appreciation/Depreciation from Investments Still Held | | | | | | | | |
| as of 4/30/10 | | | | | | | \$ 30,113,498 | \$ |

* The value of Net Transfers In and/or Out of Level 3 was measured using the market value as of the beginning of the period for transfers in and the market value as of the end of the period for transfers out.

Item 2. Controls and Procedures.

- (a) As of June 25, 2010, an evaluation was performed under the supervision and with the participation of the officers of the Registrant, including the Principal Executive Officer (PEO) and Principal Financial Officer (PFO), to assess the effectiveness of the Registrant's disclosure controls and procedures, as that term is defined in Rule 30a-3(c) under the Investment Company Act of 1940 (Act), as amended. Based on that evaluation, the Registrant's officers, including the PEO and PFO, concluded that, as of June 25, 2010, the Registrant's disclosure controls and procedures were reasonably designed so as to ensure: (1) that information required to be disclosed by the Registrant on Form N-Q is recorded, processed, summarized and reported within the time periods specified by the rules and forms of the Securities and Exchange Commission; and (2) that material information relating to the Registrant is made known to the PEO and PFO as appropriate to allow timely decisions regarding required disclosure.
- (b) There have been no changes in the Registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the Act) that occurred during the Registrant's last fiscal quarter that have materially affected, or are reasonably likely to materially affect, the Registrant's internal control over financial reporting.

Item 3. Exhibits.

Certifications of PEO and PFO as required by Rule 30a-2(a) under the Investment Company Act of 1940.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934 and 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: Invesco Van Kampen Senior Income Trust

By: /s/ Colin Meadows

Colin Meadows
Principal Executive Officer

Date: June 29, 2010

Pursuant to the requirements of the Securities and Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the Registrant and in the capacities and on the dates indicated.

By: /s/ Colin Meadows

Colin Meadows
Principal Executive Officer

Date: June 29, 2010

By: /s/ Sheri Morris

Sheri Morris
Principal Financial Officer

Date: June 29, 2010