Spokane Employees' Retirement System (SERS) Board Meeting, 1:30 p.m. September 27, 2017 City Hall - Conference Room 5A

AGENDA

- 1) Minutes of the August 30, 2017 Meeting
 - Motion
- 2) Letter to the Mayor Regarding Sustainability
 - Motion
- 3) Directors Report
 - a. Retirements
 - Motion
 - b. Withdrawals
 - Motion
 - c. Deaths
 - Information
 - d. Expenditure Summary Report August 2017
 - Motion
 - e. Schedule of Investments August 2017
 - Information
 - f. Monthly Cash Reconciliation
 - Information
 - g. Consolidated Portfolio Holdings Review
 - Information
 - h. Investment Fee Analysis
 - Information
 - i. Other Business
- 4) Other Business
- 5) Next Meeting Wednesday, October 25, 2017 at 1:30p.m.

Spokane Employees' Retirement System (SERS) Board Meeting Minutes August 30, 2017

The regular monthly meeting was called to order at 12:38 p.m. in the 5th Floor Conference Room at City Hall.

Present: Mike Coster, Candace Mumm, Brian Brill, and J.D. Morscheck

Absent: Jim Tieken, Mike Cavanaugh, and Dean Kiefer

Staff: Phill Tencick, Christine Shisler, Donald Brown, and Tim Szambelan

Guests: Jayson Davidson, Brian Loescher, Joe Cavanaugh, Bob Olsen, Natalie

Hilderbrand, Joan Hamilton, John Bjork, and Richard Czernik

Hyas Group, 2017 2nd Quarter Investment Performance Report

Mr. Davidson presented the Second Quarter 2017 Performance Report. He noted that it was a relatively strong quarter for the markets, as well as for most of the portfolio's managers. The Fund's watch status managers remained unchanged with no further action recommended: Jackson Square Large Cap Growth, Berens Global Value, Vanguard Mid Cap Growth, and OrbiMed Partners II. It was noted that Jackson Square and OrbiMed, have enjoyed a good start to 2017 relative to policy benchmarks. Mr. Davidson also informed the Board that the approved benchmark changes for Berens Global Value and OrbiMed Partners II were fully implemented and reflected in the report.

Hyas Group will forward the performance attribution, with selection and allocation effects, for the time periods prior to the Fund's broad allocation and Investment Policy changes. This information could not be linked when reporting under the new allocation structure.

The Board requested that Hyas Group attempt to provide a breakdown by broad sector of the overall portfolio. In particular, a look at how the portfolio might be over/under exposed to certain market categories like healthcare or financials. Mr. Davidson will work with the analytics team to provide the requested information and will forward what they are able to develop as soon as it is available.

Hyas Group provided additional qualitative detail on five of the Fund's current investment managers: OrbiMed, Berens, Morgan Stanley, Angelo Gordon, and Vanguard.

For OrbiMed, Hyas noted a recent due diligence on-site visit regarding a major performance shortfall in 2016 for the Partners II hedge fund product. This fund remains structured as expected. The primary driver of underperformance for 2016 came from a relative value trade between bio-technology and pharmaceutical stocks that hurt both the long and short books. That trade appears to be working better in 2017. Additional monitoring will remain in place and the board will be notified of any additional issues.

- For Berens, Hyas noted for the Board that the firm has gone through a number of recent organizational changes that are viewed as positive. The current concern continues to be the fact that the assets under management for the Global Value product have shrunk considerably due to client redemptions. Berens appears to be trying to address this by merging with another investment management firm.
- For Morgan Stanley, the Board was informed that two-thirds of committed capital is expected to be called in September, with the remaining one-third called by year-end. The timing is consistent with expectations.
- For Angelo Gordon, the Board was informed that the Portfolio Manager for Corporate Credit left the firm. While Hyas Group is currently comfortable with the remaining staff on hand, they are concerned about additional employee departures. It was recommended to postpone the SERS investment indefinitely and revisit the mandate award at a later date.
- For Vanguard, the Board was briefed on a recently announced executive level change at Vanguard. Tim Buckley, the Vanguard's current Chief Investment Officer, will be taking over as the new CEO starting on January 1, 2018. This will have him replacing current Vanguard CEO, Bill McNabb. McNabb will continue to act as the Chairman of the Board once Buckley takes over as CEO. No action was required.

Minutes of the July 26, 2017 Meeting

Candace Mumm suggested a change to the motion that involved the sustainability of SERS. Discussion ensued and The Board decided to include on the September Agenda a discussion of a drafting a letter.

Candace Mumm moved and J. D. Morscheck seconded the motion to approve the minutes of the July 26, 2017 meeting as amended. The motion passed unanimously.

<u>Director's Report</u> Service Retirements

Name	Age	Retirement Date	Years of Service	Option
Robert K. Mielke	56	09/09/2017	32.5	E

Candace Mumm moved and Brian Brill seconded the motion to approve the service retirements as presented on the August Retirement Transaction Report. The motion passed unanimously.

Withdrawals for August 2017

Name	Years of Service	Termination Date
Dominic C. Morin	21.8	02/28/2016
Christopher B. Van Gelder	10.8	01/06/2017
Kaitlin L. Larson	1.4	05/31/2017
Rachel E. Giachetti	8.4	07/28/2017

Candace Mumm moved and Brian Brill seconded the motion to approve the requests for withdrawal as presented on the August Retirement Transaction Report. The motion passed unanimously.

Vesting

Name	Department	Years of Service
Jeffrey R. Bailey	Parks & Recreation	9.0
Corbin J. Enquist	Solid Waste Management	0.76 (portable)

Deaths

Name	Date Retired	Age	Date of Death	Information
James M. Gaffney	12/23/1999	79	08/05/2017	No Further Benefits
Natale Polito	05/04/1993	85	08/17/2017	D Option Continues

Vesting and Death information provided to the Board for review.

Expenditure Summary Report – July 2017

The Expenditure Summary Report was presented to the Board and discussed.

Candace Mumm moved and Brian Brill seconded the motion to approve the July 2017 Expenditure Summary Report. The motion passed unanimously.

Schedule of Investments – July 2017

The monthly investment report was presented to the Board for review. The estimated market value of the SERS portfolio on July 31, 2017 was \$298 million with an estimated rate of return of 1.0% for the month.

Monthly Cash Reconciliation

The monthly cash reconciliation report was presented to provide the Board with additional insight into the ongoing liquidity, transactions, and cash position of the plan.

There being no other business, the meeting adjourned at 2:21 p.m.

Phillip Tencick, Retirement Director	

SERS Retirement Transaction Report September 2017

Retirements

			Retirement	Years of		
	Name	Age	Date	Service	Department	Option
1	Brian K. Kreuch	54	09/02/2017	12.7	Water Advanced	C-10
2	Gregory N. Lorenzi	57	10/01/2017	8.6	Wastewater Treatment	ST
3	James E. Moe	61	10/05/2017	34.0	Street Probation	D
4	Jody L. Treffry	62	11/02/2017	11.8	Services	ST
5	Lynn M. Cunningham	63	11/04/2017	25.4	Street	ST
	Retirements YTD	47				
	2016 Total Retirements	69				

Withdrawals

		Years of		Termination
	Name	Service	Department	Date
1	Molly Rose B. Fehringer	2.9	Legal	03/03/2017
2	Lauren E. Pierson	1.3	Police	06/16/2017
3	Jason H. Ellsworth	2.7	Solid Waste Disposal	08/08/2017
4	Sandra D. Willard	0.5	IT	08/09/2017

Deaths

		Date			
	Name	Retired	Age	Date of Death	Information
1	Jack G. Trelawney	05/06/2000	83	08/24/2017	No Further Benefits
2	Jack N. Johnston	02/03/2002	81	08/31/2017	No Further Benefits
3	Otto L. Deneke	09/12/1981	98	09/15/2017	No Further Benefits

SPOKANE EMPLOYEES' RETIREMENT SYSTEM - 6100 2017 EXPENDITURE SUMMARY REPORT AUGUST 31, 2017

	2016	2017	AUGUST ACTUAL	2017 ACTUAL YTD		PERCENTAGE
	ACTUAL	BUDGET		EXPENDITURES	VARIANCE	USED
OPERATING EXPENDITURES						
Departmental Salaries	261,984.86	279,341.00	20,469.82	163,548.50	115,792.50	58.5%
Departmental Benefits	76,531.55	80,482.00	6,235.35	50,089.32	30,392.68	62.2%
Reserve for Budget Adjustment	-	10,000.00	-	-	10,000.00	0.0%
Administrative Income	(19,375.31)	(10,000.00)	-	(9,754.89)	(245.11)	
Postage/Supplies/Other	11,432.31	16,500.00	220.78	2,833.63	13,666.37	17.2%
State Audit Charges	11,172.03	12,000.00	1,158.52	6,778.71	5,221.29	56.5%
Contractual Services	80,222.66	173,475.00	18,699.15	121,470.98	52,004.02	70.0%
Travel	7,972.23	15,000.00	286.40	4,436.25	10,563.75	29.6%
Registration/Schooling	805.00	30,285.00	150.00	15,835.00	14,450.00	52.3%
Other Dues/Subscriptions/Membership	1,993.20	2,500.00	371.00	731.00	1,769.00	29.2%
Other Miscellaneous Charges	1,278.26	1,826.00	55.00	484.18	1,341.82	26.5%
Amortization	17,649.00	-	-	-	-	
TOTAL OPERATING EXPENDITURES	451,665.79	611,409.00	47,646.02	356,452.68	254,956.32	58.3%
INTERFUND EXPENDITURES						
Interfund - Centralized Accounting	2,303.96	2,347.00	-	1,760.19	586.81	75.0%
Interfund - IT Phones	1,505.77	1,451.00	128.62	887.36	563.64	61.2%
Interfund - Risk Management	991.00	760.00	190.00	570.00	190.00	75.0%
Interfund - Worker's Compensation	198.00	104.00	26.00	78.00	26.00	75.0%
Interfund - Reprographics	4,930.49	4,500.00	194.61	4,396.55	103.45	97.7%
Interfund - IT	12,980.37	14,078.00	1,173.17	8,212.19	5,865.81	58.3%
Interfund - IT Replacement	1,926.96	2,772.00	231.00	1,617.00	1,155.00	58.3%
Interfund - My Spokane	751.00	-	-	-	-	
TOTAL INTERFUND EXPENDITURES	25,587.55	26,012.00	1,943.40	17,521.29	8,490.71	67.4%
TOTAL ADMINISTRATIVE EXPENDITURES	477,253.34	637,421.00	49,589.42	373,973.97	263,447.03	58.7%

SPOKANE EMPLOYEES' RETIREMENT SYSTEM - 6100 2017 EXPENDITURE SUMMARY REPORT AUGUST 31, 2017

PENSIONS	2016 ACTUAL	2017 BUDGET	AUGUST ACTUAL EXPENDITURES	2017 ACTUAL YTD EXPENDITURES	VARIANCE	PERCENTAGE USED
Pensions-Annuity Benefit Payments	23,765,712.64	26,000,000.00	2,092,252.38	16,457,527.86	9,542,472.14	63.3%
Pensions-Disability Payments	125,328.48	160,000.00	10,444.04	83,552.32	76,447.68	52.2%
Pensions-Survivor Annuity Benefits Payments	1,846,473.52	2,000,000.00	158,533.26	1,284,384.78	715,615.22	64.2%
TOTAL PENSIONS	25,737,514.64	28,160,000.00	2,261,229.68	17,825,464.96	10,334,535.04	63.3%
Refunds	729,741.16	1,000,000.00	201,042.93	374,024.53	625,975.47	37.4%
TOTAL EXPENSES	26,944,509.14	29,797,421.00	2,511,862.03	18,573,463.46	11,223,957.54	62.3%
INVESTMENT EXPENSE* Advisory Technical Service	380,964.60	450,000.00	58,823.02	260,602.94	189,397.06	57.9%

^{*} investment expenses are netted against investment income in the statement of changes of plan net assets to arrive at a net investment income amount.

SERS Schedule of Cash and Investments August 31, 2017

	August 31, 2017				
9/20/2017	<i>.</i>		٨	llocation	
31 ZUI ZU I I	-				
	Type		Target	Current	Diff.
Cash Held by Treasurer	Cash	\$ 86,045			
US Bank	Short-term Inv	441,305			
			0.0%	0.2%	0.2%
Total Cash		527,350	0.070	0.2%	U.Z 70
Sterling Capital	Total Return	22,718,403			
Total Total Return		22,718,403	10.0%	7.6%	-2.4%
Hotchkis & Wiley	High Yield - Mutual Fund	21,958,258			
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Total High Yield		21,958,258	5.0%	7.4%	2.4%
Polar	LLC	6,427,338			
American Beacon	Mutual Fund	2,491,766			
Castine Capital I	Ltd Partnership	7,466,493			
·					
Post Limited Term High Yield	Ltd Partnership	5,985,112			
Rimrock Low Volatility	Ltd Partnership	9,623,593			
Total Absolute Return	·	31,994,302	8.0%	10.7%	2.7%
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Total Capital Preservation		77,198,313	23.0%	25.9%	2.9%
Hotchkis & Wiley	LC Value - Mutual Fund	15,582,244			
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Jackson Square (Delaware)	LC Growth - Mutual Fund	17,355,813			
MFS Heritage	LC Core	16,634,698			
Vanguard S&P 500 Index	LC Core - Mutual Fund	10,024,964			
Total US Large Cap		59,597,719	21.0%	20.0%	-1.0%
<u> </u>			£ 1.U /0	ZU.U /0	- 1.U /0
Sterling	MC Value	5,613,982			
Vanguard MC Growth	MC Growth - Mutual Fund	4,461,284			
Vanguard MC Index	MC Core - Mutual Fund	3,640,028			
	SC Core				
Champlain		5,295,579			
Phocas	SC Value - Mutual Fund	4,022,113			
Bridge City	SC Growth	5,568,159			
Vanguard SC Index	SC Core - Mutual Fund	960,936			
			44.00/	0.00/	4.40/
Total US Small/Mid Cap		29,562,081	11.0%	9.9%	-1.1%
Total US Equities		89,159,800	32.0%	29.9%	-2.1%
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Artisan	SMID Value - Mutual Fund	21,128,234			
Euro Pacific	LC Blend - Mutual Fund	21,263,176			
Vanguard International	LC Index - Mutual Fund	, , , <u>-</u>			
•		40.004.440	15.0%	4.4.00/	-0.8%
					-II X V/A
Total International Large Cap		42,391,410	13.0 /0	14.2%	-0.070
Trivalent	SC Value - Mutual Fund	42,391,410 10,985,158	13.0 /6	14.2%	-0.070
Trivalent	SC Value - Mutual Fund	10,985,158			
Trivalent Total International Small/Mid	SC Value - Mutual Fund	10,985,158 10,985,158	4.0%	3.7%	-0.3%
Trivalent Total International Small/Mid Berens	SC Value - Mutual Fund Ltd Partnership	10,985,158 10,985,158 11,734,215	4.0%	3.7%	-0.3%
Trivalent Total International Small/Mid	SC Value - Mutual Fund Ltd Partnership	10,985,158 10,985,158			
Trivalent Total International Small/Mid Berens	SC Value - Mutual Fund Ltd Partnership	10,985,158 10,985,158 11,734,215	4.0%	3.7%	-0.3%
Trivalent Total International Small/Mid Berens Total Emerging Markets	SC Value - Mutual Fund Ltd Partnership	10,985,158 10,985,158 11,734,215 11,734,215	4.0%	3.7%	-0.3%
Trivalent Total International Small/Mid Berens	SC Value - Mutual Fund Ltd Partnership	10,985,158 10,985,158 11,734,215	4.0%	3.7%	-0.3%
Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities	SC Value - Mutual Fund Ltd Partnership	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783	4.0%	3.7%	-0.3%
Trivalent Total International Small/Mid Berens Total Emerging Markets	SC Value - Mutual Fund Ltd Partnership	10,985,158 10,985,158 11,734,215 11,734,215	4.0%	3.7%	-0.3%
Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities Weatherlow Offshore	SC Value - Mutual Fund Ltd Partnership Ltd Partnership	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783 14,930,538	4.0%	3.7%	-0.3%
Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities Weatherlow Offshore Royalty Opportunities I	SC Value - Mutual Fund Ltd Partnership Ltd Partnership Ltd Partnership	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783 14,930,538 2,719,344	4.0%	3.7%	-0.3%
Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities Weatherlow Offshore Royalty Opportunities I Royalty Opportunities II	SC Value - Mutual Fund Ltd Partnership Ltd Partnership Ltd Partnership Ltd Partnership Ltd Partnership	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783 14,930,538	4.0%	3.7%	-0.3%
Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities Weatherlow Offshore Royalty Opportunities I Royalty Opportunities II Troob	SC Value - Mutual Fund Ltd Partnership Ltd Partnership Ltd Partnership Ltd Partnership Ltd Partnership Ltd Partnership	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783 14,930,538 2,719,344 2,142,811	4.0% 3.0% 22.0%	3.7% 3.9% 21.8%	-0.3% 0.9% -0.2%
Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities Weatherlow Offshore Royalty Opportunities I Royalty Opportunities II	SC Value - Mutual Fund Ltd Partnership Ltd Partnership Ltd Partnership Ltd Partnership Ltd Partnership Ltd Partnership	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783 14,930,538 2,719,344	4.0%	3.7%	-0.3%
Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities Weatherlow Offshore Royalty Opportunities I Royalty Opportunities II Troob	SC Value - Mutual Fund Ltd Partnership Ltd Partnership Ltd Partnership Ltd Partnership Ltd Partnership Ltd Partnership	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783 14,930,538 2,719,344 2,142,811	4.0% 3.0% 22.0%	3.7% 3.9% 21.8%	-0.3% 0.9% -0.2%
Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities Weatherlow Offshore Royalty Opportunities I Royalty Opportunities II Troob Total Long Biased	SC Value - Mutual Fund Ltd Partnership Ltd Partnership Ltd Partnership Ltd Partnership Ltd Partnership	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783 14,930,538 2,719,344 2,142,811	4.0% 3.0% 22.0%	3.7% 3.9% 21.8%	-0.3% 0.9% -0.2%
Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities Weatherlow Offshore Royalty Opportunities I Royalty Opportunities II Troob Total Long Biased Legacy Partners Realty Fund III	SC Value - Mutual Fund Ltd Partnership Ltd Partnership Ltd Partnership Ltd Partnership Ltd Partnership Ltd Partnership	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783 14,930,538 2,719,344 2,142,811 19,792,693	4.0% 3.0% 22.0%	3.7% 3.9% 21.8%	-0.3% 0.9% -0.2%
Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities Weatherlow Offshore Royalty Opportunities I Royalty Opportunities II Troob Total Long Biased Legacy Partners Realty Fund III Metropolitan Real Estate Partners	SC Value - Mutual Fund Ltd Partnership	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783 14,930,538 2,719,344 2,142,811 19,792,693 27,656 271,468	4.0% 3.0% 22.0%	3.7% 3.9% 21.8%	-0.3% 0.9% -0.2%
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Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities Weatherlow Offshore Royalty Opportunities I Royalty Opportunities II Troob Total Long Biased Legacy Partners Realty Fund III Metropolitan Real Estate Partners Morrison Street Fund IV Morrison Street Fund V Morrison Street Debt Opportunities Principal (REITs)	SC Value - Mutual Fund Ltd Partnership Ltd Partnership	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783 14,930,538 2,719,344 2,142,811 	4.0% 3.0% 22.0%	3.7% 3.9% 21.8%	-0.3% 0.9% -0.2%
Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities Weatherlow Offshore Royalty Opportunities I Royalty Opportunities II Troob Total Long Biased Legacy Partners Realty Fund III Metropolitan Real Estate Partners Morrison Street Fund IV Morrison Street Fund V Morrison Street Debt Opportunities	SC Value - Mutual Fund Ltd Partnership Ltd Partnership	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783 14,930,538 2,719,344 2,142,811 	4.0% 3.0% 22.0%	3.7% 3.9% 21.8%	-0.3% 0.9% -0.2%
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Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities Weatherlow Offshore Royalty Opportunities I Royalty Opportunities II Troob Total Long Biased Legacy Partners Realty Fund III Metropolitan Real Estate Partners Morrison Street Fund IV Morrison Street Fund V Morrison Street Debt Opportunities Principal (REITs) Total Real Estate Beach Point	SC Value - Mutual Fund Ltd Partnership LtC LP REITs	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783 14,930,538 2,719,344 2,142,811 19,792,693 27,656 271,468 1,276,816 5,766,542 3,688,391 16,188,395 27,219,268 10,041,321	4.0% 3.0% 22.0% 7.0%	3.7% 3.9% 21.8% 6.6%	-0.3% 0.9% -0.2% -0.4%
Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities Weatherlow Offshore Royalty Opportunities I Royalty Opportunities II Troob Total Long Biased Legacy Partners Realty Fund III Metropolitan Real Estate Partners Morrison Street Fund IV Morrison Street Fund V Morrison Street Debt Opportunties Principal (REITs) Total Real Estate	SC Value - Mutual Fund Ltd Partnership LtC LP REITs	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783 14,930,538 2,719,344 2,142,811 	4.0% 3.0% 22.0%	3.7% 3.9% 21.8%	-0.3% 0.9% -0.2%
Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities Weatherlow Offshore Royalty Opportunities I Royalty Opportunities II Troob Total Long Biased Legacy Partners Realty Fund III Metropolitan Real Estate Partners Morrison Street Fund IV Morrison Street Fund V Morrison Street Debt Opportunities Principal (REITs) Total Real Estate Beach Point	SC Value - Mutual Fund Ltd Partnership LtC LP REITs	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783 14,930,538 2,719,344 2,142,811 19,792,693 27,656 271,468 1,276,816 5,766,542 3,688,391 16,188,395 27,219,268 10,041,321	4.0% 3.0% 22.0% 7.0%	3.7% 3.9% 21.8% 6.6%	-0.3% 0.9% -0.2% -0.4%
Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities Weatherlow Offshore Royalty Opportunities I Royalty Opportunities II Troob Total Long Biased Legacy Partners Realty Fund III Metropolitan Real Estate Partners Morrison Street Fund IV Morrison Street Fund V Morrison Street Debt Opportunities Principal (REITs) Total Real Estate Beach Point Total Opportunistic Credit	SC Value - Mutual Fund Ltd Partnership LtC LLC LP REITs	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783 14,930,538 2,719,344 2,142,811 19,792,693 27,656 271,468 1,276,816 5,766,542 3,688,391 16,188,395 27,219,268 10,041,321 10,041,321	4.0% 3.0% 22.0% 7.0%	3.7% 3.9% 21.8% 6.6%	-0.3% 0.9% -0.2% -0.4%
Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities Weatherlow Offshore Royalty Opportunities I Royalty Opportunities II Troob Total Long Biased Legacy Partners Realty Fund III Metropolitan Real Estate Partners Morrison Street Fund IV Morrison Street Fund V Morrison Street Debt Opportunities Principal (REITs) Total Real Estate Beach Point Total Opportunistic Credit Caduceus (OrbiMed II)	SC Value - Mutual Fund Ltd Partnership LtC LLC LP REITs Ltd Partnership	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783 14,930,538 2,719,344 2,142,811	4.0% 3.0% 22.0% 7.0% 7.0%	3.7% 3.9% 21.8% 6.6%	-0.3% 0.9% -0.2% -0.4% 0.1%
Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities Weatherlow Offshore Royalty Opportunities I Royalty Opportunities II Troob Total Long Biased Legacy Partners Realty Fund III Metropolitan Real Estate Partners Morrison Street Fund IV Morrison Street Fund V Morrison Street Debt Opportunities Principal (REITs) Total Real Estate Beach Point Total Opportunistic Credit	SC Value - Mutual Fund Ltd Partnership LtC LLC LP REITs Ltd Partnership	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783 14,930,538 2,719,344 2,142,811 19,792,693 27,656 271,468 1,276,816 5,766,542 3,688,391 16,188,395 27,219,268 10,041,321 10,041,321	4.0% 3.0% 22.0% 7.0%	3.7% 3.9% 21.8% 6.6%	-0.3% 0.9% -0.2% -0.4%
Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities Weatherlow Offshore Royalty Opportunities I Royalty Opportunities II Troob Total Long Biased Legacy Partners Realty Fund III Metropolitan Real Estate Partners Morrison Street Fund IV Morrison Street Fund V Morrison Street Debt Opportunities Principal (REITs) Total Real Estate Beach Point Total Opportunistic Credit Caduceus (OrbiMed II) Total Special Opportunities	SC Value - Mutual Fund Ltd Partnership LtC LLC LP REITs Ltd Partnership	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783 14,930,538 2,719,344 2,142,811	4.0% 3.0% 22.0% 7.0% 9.0% 0.0%	3.7% 3.9% 21.8% 6.6% 9.1% 3.4%	-0.3% 0.9% -0.2% -0.4% 0.1% -3.6%
Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities Weatherlow Offshore Royalty Opportunities I Royalty Opportunities II Troob Total Long Biased Legacy Partners Realty Fund III Metropolitan Real Estate Partners Morrison Street Fund IV Morrison Street Fund V Morrison Street Debt Opportunities Principal (REITs) Total Real Estate Beach Point Total Opportunistic Credit Caduceus (OrbiMed II)	SC Value - Mutual Fund Ltd Partnership LtC LLC LP REITs Ltd Partnership	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783 14,930,538 2,719,344 2,142,811	4.0% 3.0% 22.0% 7.0% 9.0% 0.0%	3.7% 3.9% 21.8% 6.6%	-0.3% 0.9% -0.2% -0.4% 0.1%
Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities Weatherlow Offshore Royalty Opportunities I Royalty Opportunities II Troob Total Long Biased Legacy Partners Realty Fund III Metropolitan Real Estate Partners Morrison Street Fund IV Morrison Street Fund V Morrison Street Debt Opportunities Principal (REITs) Total Real Estate Beach Point Total Opportunistic Credit Caduceus (OrbiMed II) Total Special Opportunities	SC Value - Mutual Fund Ltd Partnership LtC LLC LP REITs Ltd Partnership	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783 14,930,538 2,719,344 2,142,811	4.0% 3.0% 22.0% 7.0% 9.0% 0.0%	3.7% 3.9% 21.8% 6.6% 9.1% 3.4%	-0.3% 0.9% -0.2% -0.4% 0.1% -3.6%
Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities Weatherlow Offshore Royalty Opportunities I Royalty Opportunities II Troob Total Long Biased Legacy Partners Realty Fund III Metropolitan Real Estate Partners Morrison Street Fund IV Morrison Street Fund V Morrison Street Debt Opportunities Principal (REITs) Total Real Estate Beach Point Total Opportunistic Credit Caduceus (OrbiMed II) Total Special Opportunities	SC Value - Mutual Fund Ltd Partnership LtC LLC LP REITs Ltd Partnership	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783 14,930,538 2,719,344 2,142,811 19,792,693 27,656 271,468 1,276,816 5,766,542 3,688,391 16,188,395 27,219,268 10,041,321 10,041,321 9,966,963 9,966,963 9,966,963 \$298,489,141	4.0% 3.0% 22.0% 7.0% 9.0% 0.0%	3.7% 3.9% 21.8% 6.6% 9.1% 3.4%	-0.3% 0.9% -0.2% -0.4% 0.1% -3.6%
Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities Weatherlow Offshore Royalty Opportunities I Royalty Opportunities II Troob Total Long Biased Legacy Partners Realty Fund III Metropolitan Real Estate Partners Morrison Street Fund IV Morrison Street Fund V Morrison Street Debt Opportunities Principal (REITs) Total Real Estate Beach Point Total Opportunistic Credit Caduceus (OrbiMed II) Total Special Opportunities	SC Value - Mutual Fund Ltd Partnership LtC LLC LP REITs Ltd Partnership Ltd Partnership	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783 14,930,538 2,719,344 2,142,811 19,792,693 27,656 271,468 1,276,816 5,766,542 3,688,391 16,188,395 27,219,268 10,041,321 10,041,321 9,966,963 9,966,963 \$ 298,489,141 \$ (100,000)	4.0% 3.0% 22.0% 7.0% 9.0% 0.0%	3.7% 3.9% 21.8% 6.6% 9.1% 3.4%	-0.3% 0.9% -0.2% -0.4% 0.1% 3.3%
Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities Weatherlow Offshore Royalty Opportunities I Royalty Opportunities II Troob Total Long Biased Legacy Partners Realty Fund III Metropolitan Real Estate Partners Morrison Street Fund IV Morrison Street Fund V Morrison Street Debt Opportunities Principal (REITs) Total Real Estate Beach Point Total Opportunistic Credit Caduceus (OrbiMed II) Total Special Opportunities	SC Value - Mutual Fund Ltd Partnership LtC LLC LP REITs Ltd Partnership	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783 14,930,538 2,719,344 2,142,811 19,792,693 27,656 271,468 1,276,816 5,766,542 3,688,391 16,188,395 27,219,268 10,041,321 10,041,321 9,966,963 9,966,963 \$ 298,489,141 \$ (100,000)	4.0% 3.0% 22.0% 7.0% 9.0% 0.0%	3.7% 3.9% 21.8% 6.6% 9.1% 3.4%	-0.3% 0.9% -0.2% -0.4% 0.1% 3.3%
Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities Weatherlow Offshore Royalty Opportunities I Royalty Opportunities II Troob Total Long Biased Legacy Partners Realty Fund III Metropolitan Real Estate Partners Morrison Street Fund IV Morrison Street Fund V Morrison Street Debt Opportunities Principal (REITs) Total Real Estate Beach Point Total Opportunistic Credit Caduceus (OrbiMed II) Total Special Opportunities	SC Value - Mutual Fund Ltd Partnership LtC LLC LP REITs Ltd Partnership Ltd Partnership Mithdrawals As of July 31, 2017	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783 14,930,538 2,719,344 2,142,811	4.0% 3.0% 22.0% 7.0% 9.0% 0.0%	3.7% 3.9% 21.8% 6.6% 9.1% 3.4%	-0.3% 0.9% -0.2% -0.4% 0.1% -3.6%
Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities Weatherlow Offshore Royalty Opportunities I Royalty Opportunities II Troob Total Long Biased Legacy Partners Realty Fund III Metropolitan Real Estate Partners Morrison Street Fund IV Morrison Street Fund V Morrison Street Debt Opportunities Principal (REITs) Total Real Estate Beach Point Total Opportunistic Credit Caduceus (OrbiMed II) Total Special Opportunities	SC Value - Mutual Fund Ltd Partnership LtC LLC LP REITs Ltd Partnership Ltd Partnership	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783 14,930,538 2,719,344 2,142,811	4.0% 3.0% 22.0% 7.0% 9.0% 0.0%	3.7% 3.9% 21.8% 6.6% 9.1% 3.4%	-0.3% 0.9% -0.2% -0.4% 0.1% -3.6%
Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities Weatherlow Offshore Royalty Opportunities I Royalty Opportunities II Troob Total Long Biased Legacy Partners Realty Fund III Metropolitan Real Estate Partners Morrison Street Fund IV Morrison Street Fund V Morrison Street Debt Opportunities Principal (REITs) Total Real Estate Beach Point Total Opportunistic Credit Caduceus (OrbiMed II) Total Special Opportunities Total Cash and Investments	SC Value - Mutual Fund Ltd Partnership LtC LLC LP REITs Ltd Partnership Ltd Partnership Etd Partnership Ltd Partnership	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783 14,930,538 2,719,344 2,142,811 19,792,693 27,656 271,468 1,276,816 5,766,542 3,688,391 16,188,395 27,219,268 10,041,321 10,041,321 10,041,321 9,966,963 9,966,963 9,966,963 \$298,489,141 \$ (100,000) \$298,009,998 0.2%	4.0% 3.0% 22.0% 7.0% 7.0% 100.0%	3.7% 3.9% 21.8% 6.6% 9.1% 3.4% 100.0%	-0.3% 0.9% -0.2% -0.4% 0.1% -3.6% 0.0%
Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities Weatherlow Offshore Royalty Opportunities I Royalty Opportunities II Troob Total Long Biased Legacy Partners Realty Fund III Metropolitan Real Estate Partners Morrison Street Fund IV Morrison Street Fund V Morrison Street Debt Opportunities Principal (REITs) Total Real Estate Beach Point Total Opportunistic Credit Caduceus (OrbiMed II) Total Special Opportunities	SC Value - Mutual Fund Ltd Partnership LtC LLC LP REITs Ltd Partnership Ltd Partnership Mithdrawals As of July 31, 2017	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783 14,930,538 2,719,344 2,142,811	4.0% 3.0% 22.0% 7.0% 9.0% 0.0%	3.7% 3.9% 21.8% 6.6% 9.1% 3.4%	-0.3% 0.9% -0.2% -0.4% 0.1% -3.6%
Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities Weatherlow Offshore Royalty Opportunities I Royalty Opportunities II Troob Total Long Biased Legacy Partners Realty Fund III Metropolitan Real Estate Partners Morrison Street Fund IV Morrison Street Fund V Morrison Street Debt Opportunities Principal (REITs) Total Real Estate Beach Point Total Opportunistic Credit Caduceus (OrbiMed II) Total Special Opportunities Total Cash and Investments	SC Value - Mutual Fund Ltd Partnership LtC LLC LP REITs Ltd Partnership Ltd Partnership Thesis 2017.1	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783 14,930,538 2,719,344 2,142,811	4.0% 3.0% 22.0% 7.0% 7.0% 100.0%	3.7% 3.9% 21.8% 6.6% 9.1% 3.4% 100.0%	-0.3% 0.9% -0.2% -0.4% 0.1% 3.3% 0.0%
Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities Weatherlow Offshore Royalty Opportunities I Royalty Opportunities II Troob Total Long Biased Legacy Partners Realty Fund III Metropolitan Real Estate Partners Morrison Street Fund IV Morrison Street Fund V Morrison Street Debt Opportunities Principal (REITs) Total Real Estate Beach Point Total Opportunistic Credit Caduceus (OrbiMed II) Total Special Opportunities Total Cash and Investments Abs. Return and Total Return FI High Yield and Opp Credit	SC Value - Mutual Fund Ltd Partnership LtC LLC LP REITs Ltd Partnership Ltd Partnership Thesis 2017.1 Thesis 2017.2	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783 14,930,538 2,719,344 2,142,811	4.0% 3.0% 22.0% 7.0% 9.0% 7.0% 100.0%	3.7% 3.9% 21.8% 6.6% 9.1% 3.4% 100.0%	-0.3% -0.2% -0.4% -3.6% -3.6% -3.3% -1.3%
Trivalent Total International Small/Mid Berens Total Emerging Markets Total International Equities Weatherlow Offshore Royalty Opportunities I Royalty Opportunities II Troob Total Long Biased Legacy Partners Realty Fund III Metropolitan Real Estate Partners Morrison Street Fund IV Morrison Street Fund V Morrison Street Debt Opportunities Principal (REITs) Total Real Estate Beach Point Total Opportunistic Credit Caduceus (OrbiMed II) Total Special Opportunities Total Cash and Investments	SC Value - Mutual Fund Ltd Partnership LtC LLC LP REITs Ltd Partnership Ltd Partnership Thesis 2017.1	10,985,158 10,985,158 11,734,215 11,734,215 65,110,783 14,930,538 2,719,344 2,142,811	4.0% 3.0% 22.0% 7.0% 7.0% 100.0%	3.7% 3.9% 21.8% 6.6% 9.1% 3.4% 100.0%	-0.3% 0.9% -0.2% -0.4% 0.1% 3.3% 0.0%

Cash Recon - Sep 17

Date	Transactions	Sources	Uses	Balance
8/25/2017 I	Beginning Balance			653,664.19
8/31/2017	Sale - Artisan and Euro Pacific	2,250,000.00		2,903,664.19
8/31/2017	Pension Payments		(2,462,684.64)	440,979.55
9/1/2017	Capital Call - Royalty Opps II		(400,000.00)	40,979.55
9/1/2017	Interest	325.09		41,304.64
9/5/2017	Payroll Contributions	608,890.58		650,195.22
9/12/2017	Pension Correction - Return and Reissue	266.04		650,461.26
9/15/2017	Distribution - Royalty Opps II	88,405.39		738,866.65
9/18/2017	Payroll Contributions	619,815.40		1,358,682.05
9/19/2017	Commission Recapture	35.57		1,358,717.62
9/21/2017 (Ending Balance	3,567,738.07	(2,862,684.64)	1,358,717.62
<u> </u>	<u>Jpcoming</u>			
9/27/2017	Sale - TBD	1,400,000.00		
9/27/2017	Sale - Prinicipal REITs	4,250,000.00		
9/28/2017	Capital Call - Morgan Stanley PRIME		(4,666,667.00)	
9/29/2017	Pension Payments		(2,303,463.82)	