

#### **AGENDA**

#### **RETIREMENT BOARD MEETING**

REGULAR MEETING April 11, 2018 9:00 a.m. Retirement Board Conference Room The Willows Office Park 1355 Willow Way, Suite 221 Concord, California

#### THE RETIREMENT BOARD MAY DISCUSS AND TAKE ACTION ON THE FOLLOWING:

- 1. Pledge of Allegiance.
- 2. Recognition of James Lambert for 5 years of service.
- 3. Accept comments from the public.
- 4. Approve minutes from the March 14, 2018 meeting.
- 5. Routine items for April 11, 2018.
  - a. Approve certifications of membership.
  - b. Approve service and disability allowances.
  - c. Accept disability applications and authorize subpoenas as required.
  - d. Approve death benefits.
  - e. Accept Asset Allocation Report.
  - f. Accept Liquidity Report.

#### **CLOSED SESSION**

6. CONFERENCE WITH LABOR NEGOTIATORS (Government Code Section 54957.6)

Agency designated representatives: Gail Strohl, Chief Executive Officer Anne Sommers, Admin/HR Manager Joe Wiley/Ian Fellerman, CCCERA's Chief Negotiator

Employee Organization: AFSCME, Local 2700

7. CONFERENCE WITH LABOR NEGOTIATORS (Government Code Section 54957.6)

Agency designated representative: Gail Strohl, Chief Executive Officer

Unrepresented Employees: All CCCERA unrepresented positions

The Retirement Board will provide reasonable accommodations for persons with disabilities planning to attend Board meetings who contact the Retirement Office at least 24 hours before a meeting.

8. The Board will continue in closed session pursuant to Govt. Code Section 54957 to consider recommendations from the Medical Advisor and/or staff regarding the following disability retirement applications:

<u>Member</u>	Type Sought	<u>Recommendation</u>
a. Michael Eglite	Service Connected	Service Connected
b. Ervin Roquemore	Service Connected	Service Connected

9. The Board will continue in closed session to consider the Hearing Officer's recommendation regarding the disability application for Rebecca Halvorson.

#### **OPEN SESSION**

- 10. Consider and take possible action to establish an engagement with DLA Piper and add them to the investment legal counsel pool.
- 11. Appointment of ad hoc advisory committee to review the Chief Executive Officer compensation package.
- 12. Consider and take possible action on SACRS Board of Directors Election.
- 13. Consider and take possible action to cancel the meeting on April 25, 2018.
- 14. Consider authorizing the attendance of Board:
  - a. 29<sup>th</sup> Annual Pension and Financial Services Conference, National Association of Securities Professionals, June 4-6, 2018, Houston, TX.
- 15. Miscellaneous
  - a. Staff Report
  - b. Outside Professionals' Report
  - c. Trustees' comments

The Retirement Board will provide reasonable accommodations for persons with disabilities planning to attend Board meetings who contact the Retirement Office at least 24 hours before a meeting.



Meeting Date
4/11/18
Agenda Item
#4

#### **MINUTES**

#### RETIREMENT BOARD MEETING MINUTES

REGULAR MEETING March 14, 2018 9:00 a.m. Retirement Board Conference Room
The Willows Office Park
1355 Willow Way, Suite 221
Concord, California

Present:

Candace Andersen, Scott Gordon, Louie Kroll, John Phillips, William Pigeon, Gabe

Rodrigues, Todd Smithey and Russell Watts

Absent:

Jerry Holcombe, Jay Kwon, David MacDonald and Jerry Telles

Staff:

Gail Strohl, Chief Executive Officer; Christina Dunn, Deputy Chief Executive Officer; Karen Levy, General Counsel; Wrally Dutkiewicz, Compliance Officer; Anne Sommers, Administrative/HR Manager; Henry Gudino, Accounting Manager; Tim Hoppe, Retirement Services Manager; Colin Bishop, Member Services Manager; and Son Lu,

Information Technology Manager

Outside Professional Support:

Representing:

Susan Hastings

Laughlin, Falbo, Levy & Moresi LLP

Ian Fellerman

Wiley Price & Radulovich LLP

#### 1. Pledge of Allegiance

The Board, staff and audience joined in the *Pledge of Allegiance*.

Pigeon was present for subsequent discussion and voting.

## 2. Recognition of Leticia Martin for 10 years of service and Mario Martinez for 15 years of service

Smithey recognized and congratulated Leticia Martin for her 10 years of service and Mario Martinez for his 15 years of service.

#### 3. Accept comments from the public

No member of the public offered comment.

#### 4. Approval of Minutes

It was M/S/C to approve the minutes of the January 24 and February 14, 2018 meetings. (Yes: Andersen, Kroll, Phillips, Pigeon, Rodrigues, Smithey and Watts).

Gordon was present for subsequent discussion and voting.

#### 5. Routine Items

It was M/S/C to approve the routine items of the March 14, 2018 meeting. (Yes: Andersen, Gordon, Kroll, Phillips, Pigeon, Rodrigues, Smithey and Watts)

#### CLOSED SESSION

The Board moved into closed session pursuant to Govt. Code Section 54957.6, 54957 and 54956.9(d)(1).

The Board moved into open session.

- **6.** There was no reportable action related to Govt. Code Section 54957.6.
- 7. It was M/S/C to accept the Medical Advisor's recommendation and grant the following disability benefits:
  - a. Robert Scott Fulwood Service Connected (Yes: Andersen, Gordon, Kroll, Phillips, Pigeon, Rodrigues, Smithey and Watts)
  - b. John Zamora Service Connected (Yes: Andersen, Gordon, Kroll, Phillips, Pigeon, Rodrigues, Smithey and Watts)
- 8. It was M/S/C to deny the service-connected disability retirement application for Marco Biagini as recommended by the Hearing Officer. (Yes: Andersen, Gordon, Kroll, Phillips, Pigeon, Rodrigues, Smithey and Watts)
- 9. There was no reportable action related to Govt. Code Section 54956.9(d)(1).
- 10. <u>Presentation from ICON Integration & Design, Inc. on data quality review of pension administration system</u> Michael Thibault, Nabeel Vira (via conference call)

Bishop gave an overview of the ICON project. He introduced Michael Thibault, President and CEO of ICON Integration & Design, Inc.

Thibault reviewed the materials in the presentation including the purpose of the project, the key data points, the mismatch process and reports, and the next steps. He stated the purpose of the project was to compare the key data points in Subledger to those in CPAS and report on the mismatches between them. He stated the data audit was a single point in time snapshot comparing Subledger and CPAS data and the key data points were selected by CCCERA. He reviewed each of the key data points that were compared and the results of the mismatch reports noting the reports looked very good for a first review.

Strohl introduced Nabeel Vira (via conference call) and noted Vira handled the day to day operations of the project.

Vira reported on the groups that were excluded from the report noting that those groups of people who were refunded in both Subledger and CPAS were excluded. Strohl reported Subledger and CPAS are separate systems that are currently running parallel and the goal is to decommission Subledger.

Thibault commented that the CCCERA matches correlate well with other systems ICON has audited and is typical of what they see. He reported the next steps are to analyze and identify the underlying reasons for mismatches, modify the coding and condition data based on the results, establish a process to regularly obtain fresh data from Subledger and align with CPAS data, perform on-going data cycles to identify changes in data quality, confirm and document the final disposition of every data element in Subledger, assess all authoritative data in both systems, formalize data governance to address ongoing data issues, and use the output from the Data Quality Audit Report as input into the Subledger Decommissioning Plan.

Bishop summarized the next steps and noted CCCERA will consider additional staffing and consulting needs for the duration of the Subledger decommissioning.

#### 11. Presentation of semi-annual disability retirement report

Hoppe reported there were eleven disability retirement applications accepted during the last six months of 2017; six were service connected and five were non-service connected. He reported that CCCERA has accepted five disability applications year-to-date in 2018. He reviewed a breakdown of the total number of applications filed by the employers and by County department. He also reviewed a breakdown of the type of injury being reported noting musculoskeletal continues to be the most common type reported.

Hoppe reported the Disabilities Unit has approximately 35-40 open cases in the hearing stage with the majority of them being members in Tier 3. He discussed how long the disability application process takes and noted each situation is unique.

#### 12. Presentation of the Superior Court of California-Contra Costa County Final Audit Report

Dutkiewicz presented the final audit report for the Superior Court of California-Contra Costa County and noted the Courts are in concurrence with CCCERA's observations and findings.

The follow-up items include: Item 1, Reporting Due Dates - The Courts have offered to provide to CCCERA, by December 15<sup>th</sup> of each year, a schedule of proposed due dates for all monthly reports that are required to be submitted to CCCERA; Item 2, Pensionable Compensation and Contribution Reporting - A formal training session by CCCERA's Member Services Department will be held to advise them on the items that need to be reported to CCCERA and the required format; Item 3, Salary and Contribution Adjustments - The Courts have submitted the adjustment file in question.

#### 13. Report from Audit Committee Chair on February 28, 2018 Audit Committee meeting

Phillips reported on the February 28, 2018 Audit Committee meeting. He reminded the Board the members of the Committee are Phillips, Holcombe, Smithey and Watts.

He reported Brooke Baird of Brown Armstrong was at the meeting and reviewed the audit plan and timeline. He noted the Committee was very comfortable with their plan. He also reported the Committee reviewed the Audit Committee Guide and Procedural Standards and Practices Guide that includes the Committee's responsibilities to the Board.

He gave an update on the Preliminary Audit Report for the Superior Court of California-Contra Costa County. He also gave an update on the ICON audit of the data stored in Subledger and CPAS.

#### 14. Consider and take possible action to issue a Request for Proposal for Tax Counsel Services

It was M/S/C to issue a Request for Proposal for tax counsel services. (Yes: Andersen, Gordon, Kroll, Phillips, Pigeon, Rodrigues, Smithey and Watts)

#### 15. Consider authorizing the attendance of Board:

a. It was M/S/C to authorize the attendance of 4 Board members at the 2018 Invesco Real Estate Global Client Conference, Invesco, November 6-8, 2018, La Jolla, CA. (Yes: Andersen, Gordon, Kroll, Phillips, Pigeon, Rodrigues Smithey and Watts)

#### 16. Miscellaneous

(a) Staff Report –

<u>Strohl</u> reported there was a staff potluck yesterday including some authentic Irish food; Verus will be at the March 28 meeting to discuss capital market assumptions and the asset allocation as it relates to it.

<u>Levy</u> reported that Jackson Walker, one of the investment legal firms the Board recently approved to provide legal advice on investment transactions, has informed CCCERA that their practice group that handles these matters has moved to DLA Piper, a large international law firm. CCCERA staff is in close communication with them to get information about the transition and will provide the Board with an update soon.

Todd S	mithey, Chairman David MacDonald, Secretary
	M/S/C to adjourn the meeting. (Yes: Andersen, Gordon, Kroll, Phillips, Pigeon, Rodrigues, y and Watts)
	Watts reported he attended CALAPRS General Assembly last week and felt it was well done.
(c)	Trustees' comments –
	None
(b)	Outside Professionals' Report -
	will provide the Board with an update soon.

#### CONTRA COSTA COUNTY EMPLOYEES' RETIREMENT ASSOCIATION

#### **BOARD OF RETIREMENT**

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Items requiring Board Action

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#5

April 11, 2018

#### A. Certifications of Membership – see list and classification forms.

#### B. Service and Disability Retirement Allowances:

		Effective	Option		
<u>Name</u>	<u>Number</u>	<u>Date</u>	<u>Type</u>	<u>Group</u>	<u>Selected</u>
Alexander, William	61671	12/01/16	SR	Safety A	Option II
Allen, Lisa	54999	11/06/17	SR	Tier II and III	Option I
Bass, Deborah	D3301	01/01/18	SR	Tier II and III	Unmod
Carmichael, Kim	D9500	01/06/18	SR	Tier II and III	Unmod
Clark, Todt	44194	11/02/17	SR	Tier II	Unmod
Coleman, Lorraine	49819	01/02/18	SR	Tier II and III	Unmod
Conner, Susan	50002	12/09/17	SR	Tier II and III	Unmod
Consolacion, Mario	44471	12/31/17	SR	Tier II and III	Unmod
Dalton, Fredrick	55774	12/26/17	SR	Tier II and III	Unmod
Danielson, Scott	32022	12/01/17	SR	Tier I and III	Option II
De Los Santos, Carmen	68810	01/10/18	SR	Tier III	Unmod
Goldberg, Rebecca	67262	01/02/18	SR	Tier III	Unmod
Grant, Barbara	52947	07/02/16	SR	Tier II and III	Unmod
Hammers, Melanie	68174	12/30/17	SR	Tier III	Unmod
Howd, David	34093	12/30/17	SR	Tier I and II	Option I
Jackson, Sharon	D9990	12/31/17	SR	Tier I and II	Option 2
Landsberg, Jennifer	55193	03/28/17	SR	Safety A	Unmod
Leavitt, James	61576	12/30/17	SR	Tier II and III	Unmod
Leivermann, Christine	51849	01/01/18	SR	Tier III	Unmod
Navarro, Paul	72982	12/31/17	SR	Safety A	Unmod
Quindor, Lisa	65363	12/31/17	SR	Tier II and III	Unmod
Robbins, David	D3406	12/28/17	SR	Tier I	Option 2
Rodriguez, Jr., Robert	55984	01/01/18	SR	Safety A	Unmod
Therriault, Larry	61310	01/01/18	SR	Tier III	Unmod
Totten, Paul	D7160	02/17/17	SCD	Safety A	Unmod
Vinum, Carleen	55489	12/18/17	SR	Safety A	Unmod
Washington, Randolph	51754	01/05/18	SR	Safety A	Option I
Whitworth, Judith	48521	12/31/17	SR	Tier II and III	Unmod
Williams, Lawrence	D3406	12/16/17	SR	Tier I	Unmod

KEY:

Group
I = Tier I
II = Tier II
III = Tier III
S/A = Safety Tier A
S/C = Safety Tier C

Option

\* = County Advance
Selected w/option

**Type**NSP = Non-Specified

SCD = Service Connected Disability

SR = Service Retirement

NSCD = Non-Service Connected Disability

#### CONTRA COSTA COUNTY EMPLOYEES' RETIREMENT ASSOCIATION

#### **BOARD OF RETIREMENT**

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C.

# Disability Retirement Applications: The Board's Hearing Officer is hereby authorized to issue subpoenas in the following cases involving disability applications:

<u>Name</u>	<u>Number</u>	<u>Filed</u>	<u>Type</u>
Atkin, David	D7830/8214	8/31/17	SCD
Anderson, Scott	53216	3/20/2018	SCD
Ivory, Paul	D7830/0206	03/15/18	SCD
Murphy, Michael	D7274/7783	03/08/18	SCD
Oades, Mary Beth	68123	3/7/2018	SCD

D.

#### Deaths:

<u>Name</u>	Date of Death	Employer as of Date of Death
Gekas, Mary	03/21/18	Contra Costa County
Giannini, Jacqueline	03/01/18	Beneficiary
Houseman, Dorothy	03/06/18	Contra Costa County
Johnson, Ellen	03/08/18	Contra Costa County
Kijowski, Dennis	03/26/18	Contra Costa County
Knight, James	03/16/18	Contra Costa County
Kruse, Eleanor	03/13/18	Beneficiary
Lekse, Alan	03/15/18	Contra Costa County
Levinson, Violet	02/28/18	Beneficiary
McDermott, Beverly	03/13/18	Contra Costa County
Padno, Natalie	03/16/18	Beneficiary
Parks, Robert	03/11/18	West County Fire District
Peterson, Gloria	03/02/18	Beneficiary
Quintana, Eloise	02/19/18	City of Pittsburg
Rodriquez, Carmen	02/14/18	Contra Costa County
Streeter, Roy	02/13/18	Contra Costa County

KEY:

Group

I = Tier I

II = Tier II

III = Tier III

S/A = Safety Tier A

S/C = Safety Tier C

Option

\* = County Advance
Selected w/option

NSP = Non-Specified
SCD = Service Connected Disability
SR = Service Retirement
NSCD = Non-Service Connected Disability

# Meeting Date 4/11/18 Agenda Item #5a.

#### **CERTIFICATION OF MEMBERSHIPS**

## Revised

	Employee		Membership	1
Name	Number	Tier	Date	Employer
Adams, Ruth	86447	P5.2	02/01/18	Contra Costa County
Agustin, Jennifer	81165	P5.2	02/01/18	Contra Costa County
Alexander, Clifford	86467	P5.2	02/01/18	Contra Costa County
Amenu, Meheret	D3406	P4.3	02/01/18	Central Contra Costa Sanitary District
Anderson, Scotty	86533	P5.2	02/01/18	Contra Costa County
Assefa, Yonatan	86465	P5.2	02/01/18	Contra Costa County
Avalos, Oscar	86520	P5.2	02/01/18	Contra Costa County
Buder, Kathryn	83867	P5.2	02/01/18	Contra Costa County
Carrow, Jennifer	76990	III	02/01/18	Contra Costa County
Carvajal, Miguel	86506	S/D	02/01/18	Contra Costa County
Castellanos, Victoria	86474	P5.2	02/01/18	Contra Costa County
Colin, Yesenia	84376	P5.2	02/01/18	Contra Costa County
Connolly, Michael	86470	P5.2	02/01/18	Contra Costa County
Cunningham, Amalia	86586	P5.2	02/01/18	Contra Costa County
Cunningham, Jessica	86540	P5.2	02/01/18	Contra Costa County
Cutts, Jill	86477	P5.2	02/01/18	Contra Costa County
Dargan, Napoleon	78578	P5.2	02/01/18	Contra Costa County
Diaz, Mary-Anne	86472	P5.2	02/01/18	Contra Costa County
Doucette, Andre	85046	P5.2	02/01/18	Contra Costa County
Duncan, Michael	86553	S/E	02/01/18	Contra Costa County
Eastwood, Greg	86502	P5.2	02/01/18	Contra Costa County
Echendu, Alice	83306	P5.2	02/01/18	Contra Costa County
Freeman, Ashley	D3406	P4.3	02/01/18	Central Contra Costa Sanitary District
Friedlander, Kathleen	86547	P5.2	02/01/18	Contra Costa County
Garcia Jr., John	84034	S/E	02/01/18	Contra Costa County
Garcia, Heather	86505	P5.2	02/01/18	Contra Costa County
Gerhardt, Meredith	86498	P5.2	02/01/18	Contra Costa County
Gilchrist, Gerald	86541	P5.2	02/01/18	Contra Costa County
Goldman, Michael	84037	P5.2		Contra Costa County
Guzman, Adriela	86581	P5.2		Contra Costa County
Han, David	86518	P5.2		Contra Costa County
Hargrove, Charles	82129	P5.2		Contra Costa County
Heiney, Robert	77491	S/A		Contra Costa County
Hines, Kelly	84399	P5.2		Contra Costa County
Holmes, Dwayne	84058	P5.2		Contra Costa County
Holmes, Marlia	86516	P5.2		Contra Costa County
bon, Bianca	86468	P5.2		Contra Costa County
saacs, Raphael	86512	P5.2		Contra Costa County
abero, Sarah	83525	P5.2		Contra Costa County
Karg, Rosangela	86464	P5.2		Contra Costa County

I = Tier I	P4.2 = PEPRA Tier 4 (2% COLA)	S/A = Safety Tier A
II = Tier II	P4.3 = PEPRA Tier 4 (3% COLA)	S/C = Safety Tier C
III = Tier III	P5.2 = PEPRA Tier 5 (2% COLA)	S/D = Safety Tier D
	P5.3 = PEPRA Tier 5 (3% COLA)	S/E = Safety Tier E

#### **CERTIFICATION OF MEMBERSHIPS**

Name	Employee Number	Tier	Membership Date	Employer
King, Melissa	84769	S/E	02/01/18	
LaBorde, Stephanie	80295	P5.2		
Larez, Manuel	85001	P5.2		
Lawson, Lester	83284	S/E	02/01/18	Contra Costa County
Lee, Eileen	71220	III	02/01/18	Contra Costa County
Lindayen, Lindsey	83346	P5.2	02/01/18	Contra Costa County
Lopez, Humberto	86530	P5.2	02/01/18	Contra Costa County
Lorson, Keith	D7274	S/D	02/01/18	Moraga Orinda Fire District
Маі, На	86579	P5.2	02/01/18	Contra Costa County
Martinez, Diane	D4980	P4.3	02/01/18	CCCERA
McGuinness, Marisa	84874	P5.2	02/01/18	Contra Costa County
Menchaca, Margaret	84137	P5.2	02/01/18	Contra Costa County
Monroy, Leslie	86495	P5.2	02/01/18	Contra Costa County
Moreno, Carmen	86508	P5.2	02/01/18	Contra Costa County
Nasralla, Nevien	81862	P5.2	02/01/18	Contra Costa County
Ogunade, Adekanbi	86466	P5.2	02/01/18	Contra Costa County
Olonan, Levin	85102	P5.2	02/01/18	Contra Costa County
Ona, Liza	86509	P5.2	02/01/18	Contra Costa County
Padilla, Steven	86568	P5.2	02/01/18	Contra Costa County
Pesmark, Robert	86560	S/E	02/01/18	Contra Costa County
Quadros, Cheenequa	81741	P5.2	02/01/18	Contra Costa County
Reidy, Chelsea	83935	P5.2	02/01/18	Contra Costa County
Riddle, Courtney	86563	P5.2	02/01/18	Contra Costa County
Rivero, Ashley	84311	P5.2	02/01/18	Contra Costa County
Rodriguez Sanchez, Christian	86500	P5.2	02/01/18	Contra Costa County
lussell, Christine	D7274	P4.3	02/01/18	Moraga Orinda Fire District
adiq, Salma	86542	P5.2	02/01/18	Contra Costa County
algado, Andrew	86525	P4.2	02/01/18	Contra Costa Fire Protection District
anchez, Shanti	81897	P5.2	02/01/18	Contra Costa County
antana, Jose	84968	P5.2	02/01/18	Contra Costa County
antos, Elva	83042	P5.2	02/01/18	Contra Costa County
chmerker, John Charles	85376	P5.2		Contra Costa County
chwedhelm, Thomas	D7274	S/D	02/01/18	Moraga Orinda Fire District
cott, Michael	86510	P5.2	02/01/18	Contra Costa County
evilla, Dianne	84838	P5.2		Contra Costa County
lva, Alicia	86519	P5.2	02/01/18	Contra Costa County
mith, Andy	86471	P5.2		Contra Costa County
nyder,.Daniel	86490	P5.2		Contra Costa County
ephens, Daesy	D4980	P4.3	02/01/18	CCCERA
iehr, Michael	D7274	S/D	02/01/18	Moraga Orinda Fire District

I = Tier I	P4.2 = PEPRA Tier 4 (2% COLA)	S/A = Safety Tier A
II = Tier II	P4.3 = PEPRA Tier 4 (3% COLA)	S/C = Safety Tier C
III = Tier III	P5.2 = PEPRA Tier 5 (2% COLA)	S/D = Safety Tier D
	P5.3 = PEPRA Tier 5 (3% COLA)	S/E = Safety Tier E

#### **CERTIFICATION OF MEMBERSHIPS**

Name	Employee Number	Tier	Membership Date	Employer
Street, Ondre	86504	P5.2	02/01/18	Contra Costa County
Vallentyne, Valerie	86501	P5.2	02/01/18	Contra Costa County
Wai, Marian	86546	P5.2	02/01/18	Contra Costa County
Whitney, Alan	86469	P5.2	02/01/18	Contra Costa County
Wiswell, Julia	86515	P5.2	02/01/18	Contra Costa County
Zamora, Isela	69404	P5.2	02/01/18	Contra Costa County

	11031	
I = Tier I	P4.2 = PEPRA Tier 4 (2% COLA)	S/A = Safety Tier A
II = Tier II	P4.3 = PEPRA Tier 4 (3% COLA)	S/C = Safety Tier C
III = Tier III	P5.2 = PEPRA Tier 5 (2% COLA)	S/D = Safety Tier D
	P5.3 = PEPRA Tier 5 (3% COLA)	S/E = Safety Tier E

#### TIER CHANGES

Name	Employee Number	Old Tier	New Tier	Effective Date	Employer	Reason for Change
Carter, Robyn	85346	P4.2	I	10/01/17	Contra Costa Fire Protection District	Age & Tier Change
Danila, Lorna Jean	83945	P5.2	III	11/01/16	Contra Costa County	Age & Tier Change
Gardner, Randell	76089	P5.2	III	05/01/16	Contra Costa County	Tier Change
Granger, Michael	84553	P5.2	P4.2	02/01/18	CCC Fire Protection District	Transferred Employers
Tamori, Stacy	D7830	III	I	02/01/18	San Ramon Valley Fire Protection District	Transferred Employers

	Atcy.	
I = Tier I	P4.2 = PEPRA Tier 4 (2% COLA)	S/A = Safety Tier A
II = Tier II	P4.3 = PEPRA Tier 4 (3% COLA)	S/C = Safety Tier C
III = Tier III	P5.2 = PEPRA Tier 5 (2% COLA)	S/D = Safety Tier D
	P5.3 = PEPRA Tier 5 (3% COLA)	S/E = Safety Tier E

# Meeting Date 4/11/18 Agenda Item #5e

## Contra Costa County Employees' Retirement Association Asset Allocation as of February 28, 2018

	Market	Percentage	Phase 2b Target	Phase 2b	Long Term	Long Term
Liquidity	Value	of Total Fund	Percentage	Over/(Under)	Target	Over/(Under)
Insight	788,626,763	9.3%	12.6%	-3.3%		
Sit	484,375,126	5.7%	6.2%	-0.5%		
Dimensional Fund Advisors	379,139,208	4.5%	6.2%	-1.7%		
Total Liquidity	1,652,141,097	19.6%	25.0%	-5.4%	27.0%	-7.4%
			ange			
		16%	5 - 28%			
Growth						
Domestic Equity			T			Υ
Boston Partners	408,820,574	4.8%	4.5%	0.3%		
Jackson Square	418,692,539	5.0%	4.5%	0.5%		
BlackRock Index Fund	121,921,497	1.4%	1.3%	0.1%		ŀ
Emerald Advisors	286,004,976	3.4%	3.0%	0.4%		
Ceredex	253,525,537	3.0%	3.0%	0.0%		<u> </u>
Total Domestic Equity	1,488,965,123	17.6%	16.3%	1.3%	6.0%	11.6%
Global & International Equity	457,365,858	5.4%	5.2%	0.2%	6.0%	-0.6%
Pyrford (BMO) William Blair	503,807,791	6.0%	5.2%	0.2%	6.0%	-0.0%
	1 ' '	4.3%	4.3%	0.0%	0.0%	-0.0%
First Eagle	364,916,565					
Artisan Global Opportunities	400,377,649	4.7% 4.6%	4.3% 4.2%	0.4% 0.4%	5.0%	-0.4%
PIMCO/RAE Emerging Markets	386,264,553				1	1
TT Emerging Markets	373,210,657	4.4%	4.2%	0.2%	5.0%	-0.6% 7.4%
Total Global & International Equity	2,485,943,073	29.4%	27.4%	2.0%	22.0%	7.4%
Private Equity	855,627,000	10.1%	9.6%	0.5%	12.0%	-1.9%
Private Credit	145,628,000	1.7%	2.4%	-0.7%	12.0%	-10.3%
Real Estate - Value Add	153,472,000	1.8%	4.0%	-2.2%	4.0%	-2.2%
Real Estate - Opportunistic & Distressed	431,302,000	5.1%	4.0%	1.1%	4.0%	1.1%
Real Estate - REIT (Adelante)	61,081,553	0.7%	1.0%	-0.3%	1.0%	-0.3%
High Yield (Allianz)	353,481,721	4.2%	4.3%	-0.1%		0.570
Total Other Growth Assets	2,000,592,274	23.7%	25.3%	-1.6%	33.0%	-9.3%
Total Growth Assets	5,975,500,470	70.8%	69.0%	1.8%	61.0%	9.8%
		1	ange			
		60%	6 - 80%			
Risk Diversifying						
AFL-CIO	319,971,431	3.8%	3.5%	0.3%	3.0%	0.8%
Diversifying Strategies (Wellington)	188,566,349	2.2%	2.5%	-0.3%	9.0%	-6.8%
Total Risk Diversifying	508,537,780	6.0%	6.0%	0.0%	12.0%	-6.0%
		1	ange			
		0%	- 10%	l		
Cash and Overlay						
Overlay (Parametric)	55,940,953	0.7%	0.0%	0.7%		
Cash	252,933,564	3.0%	0.0%	3.0%	0.0%	3.0%
Total Cash and Overlay	308,874,517	3.7%	0.0%	3.7%	0.0%	3.7%
	1		<del></del>			
Total Fund	8,445,053,862	100%	100%	0%	100%	0%

<sup>\*</sup>Phase 2b targets and ranges reflect Phase 2b asset allocation targets accepted by the Board on July 12, 2017 (BOR Resolution 2017-6)

# Private Market Investments As of February 28, 2018

Py GP/LP   Termination   Commitment   Value   Total Asset	REAL ESTATE - Value Add	Inception	Target	# of	Discretion	New Target	Funding	Market	% of	Outstanding	
65/20/12   12/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12   11/01/12		Date	Termination	Extension	by GP/LP	Termination	Commitment	Value	Total Asset	Commitment	
12/01/12   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21	Invesco IREF II	02/30/02	12/31/15	in full liq.			85,000,000	444,000	0.01%		
12/01/14   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21   12/01/21	Invesco IREF III	08/01/13	08/01/20				35,000,000	13,282,000	0.16%		
10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12   10/31/12	Invesco IREF IV	12/01/14	12/01/21				35,000,000	19,294,000	0.23%	3,190,000	
10/31/15   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24   09/30/24	Long Wharf FREG IV	08/14/13	09/30/21				25,000,000	17,187,000	0.20%		
1,0,13,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,1/3,17,5   0,	Long Wharf FREG V	10/31/16	09/30/24				50,000,000	24,602,000	0.29%	23,987,000	
10/31/16   09/30/24   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8   142/8	LaSalle Income & Growth Fund VI	01/31/12	01/31/19				75,000,000	31,047,000	0.37%	3,946,000	
Total   Target   # of   Discretion   New Target   Funding   Market   Sk of   Outstanding Commitments   Sk of   Outstanding Commitments   Total   Sk of   Outstanding Commitments   Outstanding Commitmen	LaSalle Income & Growth Fund VII	10/31/16	09/30/24				75,000,000	47,616,000	0.56%	27,449,000	
Total							505,000,000	153,472,000	1.82%	58,572,000	
Trotal		Outstanding C	ommitments					58.572.000			
Inception   Target   Exemsion   New Target   Funding   Market   % of Out		Total					•	212.044,000			
Inception   Target   # of   Discretion   New Target   Funding   Market   % of   Con Out		į									
Date   Termination   Commitment Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Value   Total Asset   Commitment   Total Asset   Commitment   Total Asset   Commitment   Total Asset   Commitment   Total	REAL ESTATE -Opportunistic & Distressed	Inception	Target	# of	Discretion	New Target	Funding	Market	% of	Outstanding	
Capital Partners, LP, III         06/30/05         06/30/14         in full liq.         75,000,000         28,157,000         0.33%           Capital Partners, LP, IV         12/31/17         06/30/13         10/34/21         in full liq.         10,000,000         28,799,000         10.03%           Capital Partners, LP, IV         07/31/13         12/31/12         20,000,000         7,400,000         7,400,000         0.03%           tate Opportunities Fund VI         02/20/13         06/30/13         06/30/12         06/30/12         0.000,000         7,400,000         0.05%           tate Opportunities Fund VI         06/30/13         06/31/15         06/31/15         06/31/15         0.000,000         7,500,000         0.05%           tressed Real Estate Opp. Fund III         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15		Date	Termination	Extension	by GP/LP	Termination	Commitment	Value	Total Asset	Commitment	
Capital Partners, L.P. V         12/31/07         09/30/18         12/31/02         10/31/12         10/30/000         11/34/00         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/34/10         10/3	DU Real Estate Capital Partners, L.P. III	06/30/05	06/30/14	in full lig.			75,000,000	28,167,000	0.33%		
Capital Partners, L.P. V         On/31/13         12/31/22         Application         75,000,000         31,734,000         0.39%         Application         Application         1734,000         0.39%         Application         1734,000         0.39%         Application         1734,000         0.39%         Application         1734,000         0.39%         Application         0.2001,11         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12         0.2004,12	DU Real Estate Capital Partners, L.P. IV	12/31/07	09/30/18	•			100,000,000	86,709,000	1.03%		
tate Opportunities Fund V 10 9/3/01/12 10/2/01/21 10 02/01/11 02/01/21 09/3/01/20 02/01/20 02/02/20 02/02/20 02/02/20 02/02/20 02/02/20 02/20/20 02/20/20 02/20/20 02/20/20 02/20/20 02/20/20 02/20/20 02/20/20 02/20/20 02/20/20 02/20/20 02/20/20 02/20/20 02/20/20 02/20/20 02/20/20 02/20/20 02/20/20 02/20/20 02/20/20 02/20/20 02/20/20 02/20/20/20 02/20/20/20 02/20/20/20 02/20/20/20 02/20/20/20/20/20/20/20/20/20/20/20/20/2	DU Real Estate Capital Partners, L.P. V	07/31/13	12/31/22				75,000,000	31,734,000	0.38%	36,086,000	
tressed Real Estate Opp. Inc. Inc. 1/2/31/13 (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (9/39/12) (	Oaktree Real Estate Opportunities Fund V	02/01/11	02/01/21				50,000,000	7,440,000	%60:0		
tate Opportunities Fund VIII 02/28/15 02/28/23 08/30/20 07/38/20 0.007% ressed Real Estate Opp Fund 07/30/12 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08/31/13 08	Oaktree Real Estate Opportunities Fund VI	09/30/13	09/30/20				80,000,000	49,590,000	0.59%	5,682,000	
ressed Real Estate Opp. Fund   07/30/11   07/30/12   07/30/12   07/30/13   08/31/12   08/31/12   08/31/13   08/31/12   08/31/12   08/31/12   08/31/12   09/31/13   08/31/12   09/31/13   08/31/12   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   09/31/13   0	Oaktree Real Estate Opportunities Fund VII	02/28/15	02/28/23				65,000,000	5,865,000	0.07%	55,250,000	
ressed Real Estate Opp. Fund II         08/31/13         08/31/15         08/31/15         08/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15         06/31/15 <t< td=""><td>Siguler Guff Distressed Real Estate Opp. Fund</td><td>07/30/11</td><td>07/30/22</td><td></td><td></td><td></td><td>75,000,000</td><td>47,560,000</td><td>0.56%</td><td>11,993,000</td></t<>	Siguler Guff Distressed Real Estate Opp. Fund	07/30/11	07/30/22				75,000,000	47,560,000	0.56%	11,993,000	
treased Real Estate Opp. II Co-Inv       01/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/16       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       10/31/15       <	Siguler Guff Distressed Real Estate Opp. Fund II	08/31/13	08/31/25				70,000,000	54,160,000	0.64%	21,752,000	
tate Find II         11/10/13         11/10/10         20,000,000         22,424,000         0.27%         Realty Fund VIII         12/33/11         11/10/10         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%         0.27%	Siguler Guff Distressed Real Estate Opp. II Co-Inv	01/31/16	10/31/25				25,000,000	17,746,000	0.21%	000,796,7	
Realty Fund I/II         12/31/11         12/31/12         12/31/13         12/31/13         12/31/13         12/31/13         12/31/13         12/31/13         12/31/13         12/31/13         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.47%         0.04%         0.04%         0.04%         0.02%         0.02%         0.02%         0.02%         0.02%         0.02%         0.02%         0.02%         0.02%         0.02%         0.02%         0.02%         0.02%         0.02%         0.02%         0.02%         0.02%         0.02%         0.02%         0.02%         0.02%         0.02%         0.02%         0.02%         0.02%         0.02%         0.02%         0.02	Paulson Real Estate Fund II	11/10/13	11/10/20				20,000,000	22,424,000	0.27%		
Realty Fund IX         10/10/14         10/10/22         10/10/22         40,090,000         40,090,000         0.47%         Realty Fund IX         184,391,000         5.11%         Convisanding Commitments         184,391,000         431,302,000         5.11%         Convisance         184,391,000         3.11%         Convisance         Soft Soft Soft Soft Soft Soft Soft Soft	Angelo Gordon Realty Fund VIII	12/31/11	12/31/18				80,000,000	39,817,000	0.47%	18,145,000	
Outstanding Commitments         184,391,000         5.11%         5.11%         184,391,000         5.11%         5.11%         0         184,391,000         5.11%         0         184,391,000         5.11%         0         184,391,000         5.11%         0         184,391,000         615,693,000         615,693,000         615,693,000         615,693,000         615,693,000         615,693,000         615,693,000         615,693,000         615,693,000         615,693,000         615,693,000         615,693,000         615,693,000         615,693,000         615,693,000         615,693,000         615,693,000         615,693,000         615,693,000         615,693,000         615,693,000         615,693,000         617,893,000         617,893,000         617,893,000         617,893,000         617,893,000         617,893,000         617,893,000         617,893,000         617,893,000         617,893,000         617,893,000 <th co<="" td=""><td>Angelo Gordon Realty Fund IX</td><td>10/10/14</td><td>10/10/22</td><td></td><td></td><td></td><td>65,000,000</td><td>40,090,000</td><td>0.47%</td><td>27,516,000</td></th>	<td>Angelo Gordon Realty Fund IX</td> <td>10/10/14</td> <td>10/10/22</td> <td></td> <td></td> <td></td> <td>65,000,000</td> <td>40,090,000</td> <td>0.47%</td> <td>27,516,000</td>	Angelo Gordon Realty Fund IX	10/10/14	10/10/22				65,000,000	40,090,000	0.47%	27,516,000
Outstanding Commitments         184,391,000           Total         # of Discretion New Target Funding Market Soft Component of Target Soft Component Outstanding Commitments         # of Target Soft Component Soft Component of Target Soft Component Outstanding Commitments         # of Target Soft Component Soft Component Soft Component Outstanding Commitments         # of Target Soft Component S							780,000,000	431,302,000	5.11%	184,391,000	
Total         Funding         Funding         Anarket         615,693,000           Opportunity Fund II         Date         Termination         New Target         Funding         Market         Sof for Outling         Outling         Market         Condition         Outling         Market         Condition         Outling         Condition         Market         Condition         Condition         Condition         Outling         Condition         Condition         Aug Soft Condition         Condition         Aug Soft Condit		Outstanding C	ommitments					184,391,000			
Inception   Target # of Discretion   New Target   Funding   Market   % of Ond Ond I		Total					1	615,693,000			
Opportunity Fund II         Date         Termination         Extension         by GP/LP         Termination         Commitment         Value         Total Asset         Commitment           Opportunity Fund III         09/28/06         09/30/16         in full liq.         LP         06/30/18         75,000,000         40,375,000         0.02%           Opportunity Fund III         08/30/12         08/30/12         204,000,000         41,778,000         0.02%         44,778,000         0.02%           Opportunity Fund V         12/31/14         09/17/22         204,000,000         46,855,000         0.05%         0.00%           Opportunity Fund V         12/31/17         09/17/24         20,000,000         46,855,000         0.05%         0.00%           Opportunity Fund V         12/31/17         09/17/24         20,000,000         46,855,000         0.05%         0.00%           Opportunity Fund VI         12/31/17         09/10/20         20,000,000         5,287,000         0.00%           Intergy Credit Opportunities         09/10/15         09/10/20         09/10/20         11/36/20         1772%    Application of the company of th	PRIVATE CREDIT	Inception	Target	# of	Discretion	New Target	Funding	Market	% of	Outstanding	
12/28/06   09/30/16   1n full liq.		Date	Termination	Extension	by GP/LP	Termination	Commitment	Value	Total Asset	Commitment	
09/30/08 06/30/16 2nd 1 VR LP 06/30/18 75,000,000 1,273,000 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02% 0.02%	Torchlight Debt Opportunity Fund II	09/28/06	09/30/16	in full liq.			128,000,000	40,375,000	0.48%		
08/01/12 08/30/20 08/30/20 60,000,000 41,778,000 0.49% 0.49% 12/31/14 09/17/22 75,000,000 46,855,000 0.55% 0.55% 0.00% 12/31/17 09/17/24 200,000,000 500 5,287,000 0.00% 0.00% 12/01/17 11/30/27 09/10/20 09/10/20 0.00% 16,500,000,000 0.01% 0.00% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.01% 0.	Torchlight Debt Opportunity Fund III	80/30/60	06/30/16	2nd 1 YR	4	06/30/18	75,000,000	1,273,000	0.02%		
12/31/14         09/17/22         75,000,000         46,855,000         0.55%           12/31/17         09/17/24         0,000,000,000         5,287,000         0.00%           12/01/17         11/30/27         0,000,000,000         5,287,000         0.06%           09/10/15         09/10/10         10,060,000         10,060,000         0.12%           S94,500,000         145,628,000         1.72%           Total         277,213,000	Torchlight Debt Opportunity Fund IV	08/01/12	08/30/20				60,000,000	41,778,000	0.49%		
12/31/17         09/17/24         0 0.00%         0 0.00%         0 0.00%           12/01/17         11/30/27         0 0/10/20         0 0/10/20         0 0.00%         0 0.00%         0 0.00%           12/01/15         09/10/10         09/10/20         10,060,000         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%         0 0.12%	Torchlight Debt Opportunity Fund V	12/31/14	09/17/22				75,000,000	46,855,000	0.55%	37,500,000	
12/01/17         11/30/27         0.06%         0.06%         0.06%         0.06%         0.06%         0.02%         0.06%         0.02%         0.02%         0.02%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%         0.012%	Torchlight Debt Opportunity Fund VI	12/31/17	09/17/24				40,000,000	0	0.00%	40,000,000	
09/10/15 09/10/20 10,060,000 10,060,000 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.12% 0.	CCCERA StepStone	12/01/17	11/30/27				200,000,000	5,287,000	0.06%	194,713,000	
594,500,000 145,628,000 1.72% ianding Commitments 272,213,000 417,841,000	Angelo Gordon Energy Credit Opportunities	09/10/15	09/10/20				16,500,000	10,060,000	0.12%		
anding Commitments							594,500,000	145,628,000	1.72%	272,213,000	
		Outstanding C	ommitments					272,213,000			
		Total					•	417,841,000			

# Private Market Investments As of February 28, 2018

PRIVATE EQUITY	Inception	Target	# of	Discretion	New Target	Funding	Market	% of	Outstanding
	Date	Termination	Extension	by GP/LP	Termination	Commitment	Value	Total Asset	Commitment
Adams Street Partners	12/22/95	INDEFINITE				180,000,000	126,190,000	1.49%	72,930,000
Adams Street Secondary II	12/31/08	12/31/20				30,000,000	10,211,000	0.12%	12,637,000
Adams Street Secondary V	10/31/12	10/31/22				40,000,000	23,087,000	0.27%	15,740,000
Adams Street Venture Innovation Fund	03/09/16	03/09/28				75,000,000	7,163,000	0.08%	67,838,000
Bay Area Equity Fund	06/14/04	12/31/14	2nd 2 YR	LP	12/31/2017	10,000,000	2,965,000	0.04%	
Bay Area Equity Fund II	2/29/09	12/31/19				10,000,000	8,615,000	0.10%	
Carpenter Community BancFund	10/31/09	10/31/19				30,000,000	4,399,000	0.05%	
EIF USPF I	11/08/02	11/08/15	in full liq.	Ы	11/08/15	30,000,000	755,000	0.01%	
EIF USPF II	06/15/05	06/15/15	3rd 1 YR	Ы	06/15/18	20,000,000	32,493,000	0.38%	
EIF USPF III	02/28/07	02/28/17	1st 1 YR	Ы	02/28/18	000'000'59	42,674,000	0.51%	
EIF USPF IV	06/28/10	06/28/20				20,000,000	51,018,000	0.60%	
Oaktree Private Investment Fund 2009	02/28/10	12/15/19				40,000,000	12,370,000	0.24%	
Ocean Avenue Fund II	05/07/14	05/07/24				30,000,000	23,057,000	0.27%	5,484,000
Ocean Avenue Fund III	12/09/15	12/09/25				20,000,000	15,079,000	0.07%	34,500,000
Paladin III	08/15/08	08/15/18				25,000,000	26,064,000	0.31%	
Pathway	11/09/98	05/31/21				125,000,000	22,657,000	0.27%	14,246,000
Pathway 2008	12/26/08	12/26/23				30,000,000	20,425,000	0.24%	5,710,000
Pathway 6	05/24/11	05/24/26				40,000,000	32,845,000	0.39%	10,201,000
Pathway 7	02/07/13	02/07/23				70,000,000	50,663,000	%09:0	18,977,000
Pathway 8	11/23/15	11/23/25				50,000,000	22,814,000	0.27%	31,213,000
Siguler Guff CCCERA Opportunities	06/03/14	05/31/25				200,000,000	141,899,000	1.68%	85,198,000
Siguler Guff Secondary Opportunities	12/31/16	12/31/26				20,000,000	19,416,000	0.23%	34,297,000
Real Assets									
Aether III & III Surplus	11/30/13	11/30/20				75,000,000	81,393,000	%96:0	12,378,000
Aether IV	01/01/16	01/01/28				20,000,000	18,158,000	0.22%	30,656,000
ARES EIF V	09/09/15	11/19/25				20,000,000	13,872,000	0.16%	38,561,000
Commonfund Capital Natural Resources IX	06/30/13	06/30/20				20,000,000	39,602,000	0.47%	12,875,000
Wastewater Opportunity Fund	12/31/15	11/30/22				25,000,000	5,743,000	0.07%	18,288,000
						1,545,000,000	855,627,000	10.12%	521,729,000
	Outstanding Commitments	ommitments					521,729,000		
	Total						1,377,356,000		
						Ш			

Market value column is the latest ending quarter plus any additional capital calls after the ending quarter.
The Target Termination column is the beginning of liquidation of the fund, however, some funds may be extended for an additional two or three years.



Meeting Date
4/11/18
Agenda Item
#5f.

#### Contra Costa County Employees' Retirement Association Liquidity Report – February 2018

#### **February 2018 Performance**

	Cash Flow	Coverage Ratio
Benefit Cash Flow Projected by Model	\$37,250,000	
Liquidity Sub-Portfolio Cash Flow	\$37,250,000	100%
Actual Benefits Paid	\$36,574,979	102%
Next Month's Projected Benefit Payment	\$37,500,000	

#### **Monthly Manager Positioning – February 2018**

	Beginning Market Value	Liquidity Program Cash Flow	Market Value Change/Other Activity	Ending Market Value
Sit	\$485,009,895	(\$1,000,000)	\$365,231	\$484,375,126
DFA	\$393,251,042	(\$12,750,000)	(\$1,361,834)	\$379,139,208
Insight	\$813,131,021	(\$23,500,000)	(\$1,004,258)	\$788,626,763
Liquidity	\$1,691,391,958	(\$37,250,000)	(\$2,000,861)	\$1,652,141,097
Cash	\$257,030,822	\$675,021	(\$4,772,279)	\$252,933,564
Liquidity + Cash	\$1,948,422,780	(\$36,574,979)	(\$6,773,139)	\$1,905,074,661

#### **Functional Roles**

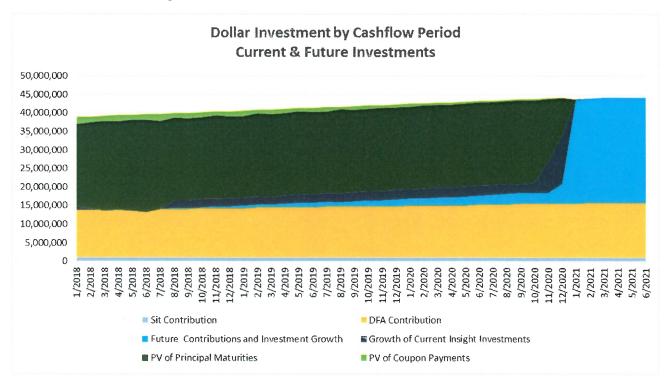
Manager	Portfolio Characteristics	Liquidity Contribution
Sit	High quality portfolio of small balance, government guaranteed mortgages with higher yields.	Pays out net income on monthly basis.
DFA	High quality, short duration portfolio of liquid, low volatility characteristics.	Pays out a pre-determined monthly amount. DFA sources liquidity from across their portfolio.
Insight	Buy and maintain (limited trading) portfolio of high quality, short duration, primarily corporates.	Completion portfolio makes a payment through net income and bond maturities that bridges the gap between other managers and projected payment.
Cash	STIF account at custodial bank.	Buffer in the event of any Liquidity shortfall/excess.

#### Notes

The second cash flow from the liquidity program for 2018 was completed on February 23, 2018 and produced an excess cash flow of approximately \$675 thousand, which represents a tighter match between the cash flow produced by the liquidity program and the actual benefits paid compared with the previous month and most of 2017. The monthly cash flows have been reduced by \$1-1.5 mm monthly through the first half of the year relative to our original projections. We plan to review the projections again in May.

#### **Cash Flow Structure**

The chart below shows the sources of cash flow for the next several years of CCCERA's projected benefit payments. This table will change slightly as the model is tweaked and as the portfolios receive new rounds of funding each July as part of the Annual Funding Plan.



Meeting Date
4/11/18
Agenda Item
#10



#### **M**EMORANDUM

Date:

April 11, 2018

To:

**CCCERA** Board of Retirement

From:

Timothy Price, Chief Investment Officer

Subject:

Consider and take possible action to establish an engagement with DLA Piper and

add them to the investment legal counsel pool.

#### **Overview**

On October 11, 2017, the CCCERA Board of Retirement established a pool of firms to provide investment legal counsel services, primarily related to contract negotiations with prospective investment managers. Included in that pool was the firm of Jackson Walker, led by David Parrish. CCCERA executed a letter of agreement with Jackson Walker on January 17, 2018. On March 1, 2018, CCCERA staff was informed that nearly all of the investment group at Jackson Walker, including David Parrish, was leaving to join the larger firm of DLA Piper.

We have confirmed that six of the seven partners in the investment practice at Jackson Walker have joined DLA Piper and that most of the associates are moving over to DLA Piper as well. The senior partners include:

- 1. David Parrish
- 2. Nicole Brennig
- 3. Richard Cardillo
- 4. Sara Stinnett
- 5. Elise Furtwangler Green
- 6. Philip Svahn

This group will operate out of DLA Piper's Austin, TX office. DLA Piper is a global law firm of over 4,000 attorneys with offices in more than 40 countries. The former Jackson Walker group will join the DLA Piper Corporate practice. We have confirmed with David Parrish that DLA Piper will agree to the same terms as Jackson Walker, including the same billing rates.

#### Recommendation

Consider and take possible action to establish an engagement with DLA Piper and add them to the investment legal counsel pool.



Meeting Date
4/11/18
Agenda Item
#12

March 26, 2018

To: SACRS Trustees & SACRS Administrators/CEO's

From: Ray McCray, SACRS Immediate Past President, Nominating Committee Chair

SACRS Nominating Committee

Re: SACRS Board of Director Elections 2018-2019 Elections – Recommended Ballot

SACRS BOD 2018-2019 election process began January 2018. Per the SACRS Bylaws, please distribute the recommended ballot to your Board of Trustees. Elections will be held during the Annual Business meeting on Friday, May 18, 2018 at the Anaheim Marriott, Anaheim, CA.

SACRS Bylaws Election Schedule

SACINO Dylaws Election Sch	saute
DEADLINE	DESCRIPTION
March 1, 2018	Any regular member may submit nominations for the election of a
	Director to the Nominating Committee, provided the Nominating
	Committee receives those nominations prior to the first Business
	Day after March 1 of each calendar year. Nominations shall not
	be accepted from the floor on the day of the election.
March 25, 2018	The Nominating Committee will report a final ballot to each
	regular member County Retirement System prior to March 25
May 18, 2018	Nomination Committee to conduct elections during the SACRS
	Business Meeting at the Spring Conference (May 15-18, 2018)
May 18, 2018	Board of Directors take office for 1 year

Per SACRS Bylaws, Article VIII, Section 1. Board of Director and Section 2. Elections of Directors:

**Section 1. Board of Directors**. The Board shall consist of the officers of SACRS as described in Article VI, Section 1, the immediately Past President, and two (2) regular members.

- A. Immediate Past President. The immediate Past President, while he or she is a regular member of SACRS, shall also be a member of the Board. In the event the immediate Past President is unable to serve on the Board, the most recent Past President who qualifies shall serve as a member of the Board.
- B. Two (2) Regular Members. Two (2) regular members shall also be members of the Board.

**Section 2. Elections of Directors**. Any regular member may submit nominations for the election of a Director to the Nominating Committee, provided the Nominating Committee receives those nominations prior to the first Business Day after March 1 of each calendar year. Nominations shall not be accepted from the floor on the day of the election.

The Nominating Committee will report a final ballot to each regular member County Retirement System prior to March 25.



The Administrator of each regular member County Retirement System shall be responsible for communicating the Nominating Committee's recommended ballot and final ballot to each trustee and placing the election of SACRS Directors on his or her board agenda. The Administrator shall acknowledge the completion of these responsibilities with the Nominating Committee.

Director elections shall take place during the first regular meeting of each calendar year. The election shall be conducted by an open roll call vote, and shall conform with Article V, Sections 6 and 7 of these Bylaws.

Newly elected Directors shall assume their duties at the conclusion of the meeting at which they are elected, with the exception of the office of Treasurer. The incumbent Treasurer shall co-serve with the newly elected Treasurer through the completion of the current fiscal year.

#### **SACRS Nominating Committee Recommended Ballot:**

•	Dan McAllister, San Diego CERA	President
•	Vivian Gray, Los Angeles CERA	Vice President
•	Harry Hagen, Santa Barbara, CERS	Treasurer
•	Kathryn Cavness, Mendocino CERA	Secretary
•	Roger Hilton, Orange CERS	Regular Member
•	Chris Cooper, Marin CERA	Regular Member

#### **Additional Candidates Submitted:**

Larry Walker, San Bernardino CERA Regular Member

Please prepare your voting delegate to have the ability to vote by recommended ballot and by each position separately.

If you have any questions, please contact me at Ray McCray, raym1@sbcglobal.net or (209) 417-4472.

Thank you for your prompt attention to this timely matter.

Sincerely,

#### Ray McCray

Ray McCray, San Joaquin CERA Trustee SACRS Nominating Committee Chair

CC: SACRS Board of Directors

SACRS Nominating Committee Members Sulema H. Peterson, SACRS Administrator

## **CCCERA Board Meetings 2018**

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19 - Presidents' Day

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28 - Memorial Day

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4 - Independence Day

August								
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3- Labor Day

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12 - Veterans Day 22 and 23 - Thanksgiving

December								
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30	31							

25 - Christmas Day Observed

#### **Schedule of Events**

#### Day One - Monday; June 4, 2018

7:00am – 8:00am Registration/ Networking & Continental Breakfast

8:00am – 9:00am NASP Opening Plenary

9:15am - 10:15am Morning Breakout Sessions

TNI - Ethics and Fiduciary Responsibility

PDS - Humanization of The Time Value of Money Model

**AFRICA FINANCIAL SUMMIT** 

10:25am – 11:25am Morning Breakout Sessions

TNI - Active vs. Passive - Room for Both?

**PDS** - Career Exploration (Early Career Professionals) **PDS** - The Next Step (Experienced Professionals)

**AFRICA FINANCIAL SUMMIT** 

11:35am – 12:35pm Morning Breakout Sessions

TNI – Using Factors to Make Asset Allocation and Manager Selection Decisions

TNI - Constructing a Multi Asset Alternatives Portfolio

**PDS** – Wealth Management Session

**AFRICA FINANCIAL SUMMIT** 

12:45pm – 2:00pm Luncheon Session

**Fireside Chat with SEC Commissioner** 

2:15pm – 3:00pm Post Lunch Dessert Reception

2:15pm – 3:15pm Afternoon Breakout Sessions

TNI - Seizing Fixed Income Opportunities

TNI - Alternative Risk Premia: Is this Hedge Funds 3.0?

**AFRICA FINANCIAL SUMMIT** 

3:00pm – 3:50pm PDS – Micro Messaging and Its Impacts on Diversity & Inclusion

3:00pm – 6:00pm Career Coaching

3:30pm – 4:20pm TNI - Incorporating ESG into Investment Decision Making

4:00pm – 5:00pm Afternoon Breakout Sessions

PDS - The Millennial Mindset: A Deeper Dive

**AFRICA FINANCIAL SUMMIT** 

5:30pm – 7:30pm VIP Closing Reception

10:00pm – 12:00am Late Night Dessert Mixer

3/9/2018 5:31 PM

External

Meeting Date
4/11/18

Agenda Item

#14a.



#### **Schedule of Events**

#### Day Two - Tuesday; June 5, 2018

7:00am - 8:00am Registration/ Networking & Continental Breakfast

8:00am – 11:00am NASP Morning Plenary

**Economic Outlook** 

Welcome to the Oil Patch: Opportunities in Energy

The Latest Trends in Fintech

11:15am – 12:15pm Morning Concurrent Workshops

**Institutional** - Alternatives for Managing Unfunded Liability

Institutional – OCIO: Opportunities for Thought Leadership & Growth Municipal - Municipal Market 2.0 – The New Normal Post Tax Reform Defined Contribution Plans - Counting the Cost: Saving for Healthcare

**Expenses in Retirement** 

12:30pm – 2:00pm Joyce Johnson Award Luncheon

2:15pm – 3:15pm Afternoon Concurrent Workshops

Institutional - Framework & Opportunity for ESG Investors &

**Investment Managers** 

Municipal - Chief Financial Officers/Treasurers' Roundtable

**Defined Contribution Plans** - Target Date Funds & Managed Accounts –

Friend or Foe?

3:30pm – 4:30pm NASP Afternoon Plenary

**CIO "Predictions"** 

6:00pm - 7:00pm Cocktail Reception

7:00pm – 10:00pm Travers Bell Award Ceremony

Lifetime Achievement Award Presentation

3/9/2018 5:31 PM External



#### **Schedule of Events**

#### Day Three - Wednesday; June 6, 2018

8:00am – 9:00am Registration/ Networking & Continental Breakfast

9:00am – 11:00am NASP Morning Plenary

Foundation/Endowment CIO Roundtable

11:15am – 12:15pm Morning Concurrent Workshops

Institutional – How Investing in Real Assets Can Protect Portfolios Institutional - Financial Innovation: Investments in Software &

Technology

Municipal – New Look of Public Private Partnerships (P3) & Alternative

Investments in the Municipal Landscape

**Defined Contribution Plans** – Writing for Results: Crafting an

**Outstanding RFP** 

12:30pm – 2:30pm Maynard Jackson & Pacesetter Awards Luncheon

3/9/2018 5:31 PM External

- Summary
- Lodging
- Agenda
- Sponsors
- 2018 PSAC
- FAQ's

29th Annual Pension & Financial Services Conference

Monday, June 04, 2018 7:00 AM -

Wednesday, June 06, 2018 4:00 PM (Central Time)

Marriott Marquis Houston

(713) 654-1777

1777 Walker Street

Houston, Texas 77010

**United States** 

Map and Directions

#### **CONFERENCE REGISTRATION FEES**

Early Registration Fee (ends on Friday, April 6, 2018)

**NASP Member** 

\$1395

Non-Member

\$1895

Trustee/Plan Sponsor

\$125

Full-Time Student

\$100

\*Spouse/Guest

\$175

General Registration Fee (ends on Thursday, May 3, 2018)

**NASP Member** 

\$1695

Non-Member

\$2295

Trustee/Plan Sponsor

Full-Time Student

\$150

\$125

\*Spouse/Guest

\$200

Final Registration Fee (ends on Friday, June 1, 2018)

NASP Member

\$1995

Non-Member

\$2595

Trustee/Plan Sponsor

\$175

Full-Time Student

\$150

\*Spouse/Guest

\$225

Fee includes The NASP Institute (Trustees/Staff at pension funds, foundations and endowments ONLY). Professional Development Series or Africa Financial Summit, General Sessions, Workshops, Special Events, Registration Materials and Meals.

\*Spouse/Guest registration is only available to registered Trustee/Plan Sponsor attendees.

#### **SINGLE-DAY PROGRAMS (June 4 ONLY)**

Early Registration Fee (ends on Friday, April 6, 2018)

Professional Development Series (PDS) \$150

Africa Financial Summit (AFS)

NASP Member \$725 Non-Member \$925

General Registration Fee (ends onThursday, May 3, 2018)

Professional Development Series (PDS) \$175

Africa Financial Summit (AFS)

NASP Member \$795 Non-Member \$995

Final Registration Fee (ends on Friday, June 1, 2018)

Professional Development Series (PDS) \$200

Africa Financial Summit (AFS)

NASP Member \$850 Non-Member \$1150

Fee for both programs includes continental breakfast, entry into the general sessions, workshops, Career Coaching and Recruitment Expo, lunch, late night reception and registration materials. PDS registration also includes access to the Recruitment Expo on Tuesday & Wednesday (no access to sessions, meals or functions).

<u>Event Contact Information</u>
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