CalPERS

 $Monthly\ Update-Investment\ Compliance$



CalPERS Monthly Update – Investment Compliance

For the month ended May 31, 2017

Items Completed Under Delegated Authority

Disclosure of Placement Agent Fees

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Items Completed Under Delegated Authority (for the month ended May 31, 2017)

Program Area	Name of Investment	Commitment (million)	Initial Funding Date	Complies with Delegation Number
Global Equity	CalPERS-managed U.S. Domestic Total Market Index 3000 Custom strategy	\$1,080.00	Dec-1991	INV-16-04
Global Equity	CalPERS-managed International Equity Index strategy	\$675.00	May-2005	INV-16-04
Global Equity	CalPERS-Emerging Market Index strategy	\$175.00	Oct-2008	INV-16-04
Global Equity	CalPERS-managed Developed Market Small Cap Index strategy	\$75.00	Aug-2008	INV-16-04
Private Equity	CVC Capital Partners VII, L.P.	€500.00	May-2017	INV-16-06

Disclosure of Placement Agent Fees (for the month ended May 31, 2017)

Firm Name	CVC Capital Partners VII Limited
Asset Class	Private Equity
Fund	CVC Capital Partners VII
Placement Agent / Firm	Marc St John, Partner, CVC Investor Relations Team, CVC Funding, LLC Robert Squire, Partner, CVC Investor Relations Team, CVC Funding, LLC Clay Shumway, Managing Director, CVC Investor Relations Team, CVC Funding, LLC John Bryant, Managing Director, CVC Investor Relations Team, CVC Capital Partners Limited
Placement Agent Employment	Internal Employees of the General Partner and/or its affiliates
Registered with U.S. or non-U.S. financial regulatory authority	Robert Squire, Clay Shumway and John Bryant are employed by CVC Funding LLC, which is registered with FINRA as a limited-purpose broker-dealer and is the entity which has been appointed by CVC Capital Partners VII Limited to act as a distributor for CVC Capital Partners Fund VII in the United States. CVC Capital Partners Advisory (US) Inc. is a registered investment adviser with the SEC and an affiliate of the entity (CVC Capital Partners Limited) which employs Marc St John.
Registered Lobbyist(s)	All the above named Placement Agents are registered as lobbyists in the State of California. Robert Squire and Marc St John are also registered as lobbyists in New York City. John Bryant and Robert Squire are registered as lobbyists in the County of San Diego. Robert Squire and Clay Shumway are registered as lobbyists in the City of Los Angeles. Robert Squire, Clay Shumway and Marc St John are all registered as lobbyists in the County of Los Angeles.
Estimated Placement Agent Compensation	Each individual is working as a Placement Agent as part of their role in Investor Relations at CVC. Approximately \$12,500 has been spent in discussions with CalPERS between 1 October 2016 and 31 March 2017. Each individual is entitled to a salary and a discretionary bonus based on their own performance and that of CVC. While a Placement Agent may also be awarded a bonus in connection with a CalPERS investment any such bonus is entirely discretionary and may take into consideration other factors.
Disclosed Campaign Gifts and Contributions	None
Notes	The original disclosure has been updated to reflect those individuals within the CVC investor relations team who have been acting as a placement agent to CalPERS in relation to Fund VII to date and those members of the team who are registered as lobbyists in the State of California and therefore may do so in the future.
Transaction Type	New

Disclosure of Placement Agent Fees (for the month ended May 31, 2017)

Firm Name	The Carlyle Group
Asset Class	Private Equity
Fund	Carlyle Asia Partners III
Placement Agent / Firm	Lee Carson, Carlyle Internal Sales Personnel
Placement Agent Employment	Internal Employee of the General Partner and/or its affiliates
Registered with U.S. or non-U.S. financial regulatory authority	TCG Securities, L.L.C., an affiliate of the Carlyle Group, is a limited purpose broker/dealer registered with the U.S. Securities and Exchange Commission and member of the Financial Industry Regulatory Authority("FINRA"). TCG Securities acts as a private placement agent based on a "best efforts" basis with respect to the offer and sale of interests in affiliated funds.
Registered Lobbyist(s)	Lee Carson is a Managing Director - Investor Relations and is a registered lobbyist in the state of California. He is affiliated with TCG Securities, L.L.C., which is an affiliate of the Carlyle Group.
Estimated Placement Agent Compensation	Mr. Carson has been a registered lobbyist in California since December 2010 and as such, he does not receive compensation that is contingent upon a CalPERS commitment. In accordance with his registered lobbyist status, TCG Securities files quarterly California State Lobbying Questionnaires for In-House Placement Agents. Carlyle Asia Partners III IAC members were engaged to approve an extension of the Follow-on Investment Period for Cap III. Mr. Carson spent no time on this whatsoever, but did invest 1 hour in the process of completing the PAD, which equates to approximately \$121 of compensation given Mr. Carson's \$250,000.00 annual salary.
Disclosed Campaign Gifts and Contributions	None
Notes	None
Transaction Type	Amendment

Investment Proposal Activity (for the month ended May 31, 2017)

	Private Equity	Forestland	Infrastructure	Real Estate	Global Equities	Commodities	Global Fixed Income	Total
					7			
Start of Month Proposals	16	1	9	9	7	1	3	46
New Proposals During the Month	8	1	4	12	7	0	1	33
Reinstated Proposals During Month	0	0	0	0	0	0	0	0
Decisions During the Month	6	1	9	9	7	1	3	36
End of Month Proposals	18	1	4	12	7	0	1	43

Status Details

			Private Asset Classes			Public Asset Classes			
	Status	Private Equity	Forestland	Infrastructure	Real Estate	Global Equities	Commodities	Global Fixed Income	Total
Start of Month	Proposals								
	Submitted	4	0	0	0	1	0	0	5
	Screening	5	1	7	9	6	1	3	32
	Due Diligence	6	0	2	0	0	0	0	8
	Approved	1	0	0	0	0	0	0	1
	Subtotal	16	1	9	9	7	1	3	46
New Proposals	s During the Month								
	Subtotal	8	1	4	12	7	0	1	33
Reinstated Pro	oposals During Month								
	Subtotal	0	0	0	0	0	0	0	0
Decisions Duri	ing the Month								
	Committed	1	0	0	0	0	0	0	1
	Declined	4	1	7	8	0	1	3	24
	Failed to Materialize	0	0	1	0	4	0	0	5
	Referred	1	0	1	1	3	0	0	6
	Subtotal	6	1	9	9	7	1	3	36
End of Month I	Proposals								
	Submitted	6	0	0	1	0	0	1	8
	Screening	5	1	3	11	7	0	0	27
	Due Diligence	6	0	1	0	0	0	0	7
	Approved	1	0	0	0	0	0	0	1
	Subtotal	18	1	4	12	7	0	1	43

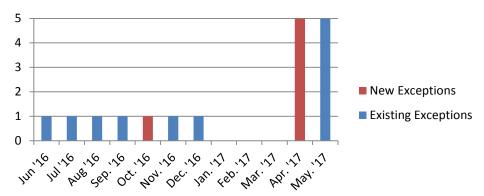
Start of Month proposals for Private Equity (16) were revised downwards from April (17) due to Duplicate/Outdated Proposals.

Material Exceptions to Policy

According to policy requirements, the following is a summary of investment policy exceptions as reported by the Investment Office program areas. The following program areas had no exceptions to report for the month:

- o Global Equity
- Global Fixed Income
- o Investment Manager Engagement Programs
- Investment Risk and Performance
- Investment Servicing Division
- Private Equity
- Sustainable Investment Program
- Trust Level Portfolio Management

Number of Monthly Policy Exceptions



New:

Program Area or Asset Class	Event Date	Resolution Date	Policy	Exception Description	Event Description and Resolution (expected) or Next Steps
No items to report					

Existing:

Program Area or Asset Class	Event Date	Resolution Date	Policy	Exception Description	Event Description and Resolution (expected) or Next Steps
Real Assets	1/1/2017	TBD	Investment Policy for Real Assets Program	For the beginning of the Q1'17 reporting period, the "Core" risk classification represented 74.6% of the Real Assets Program, which is slightly below the policy range of 75-100% for this risk classification.	The new Real Assets Program Investment Policy (RA Policy) went into effect 1/1/17. New policy parameters included the consistent application of risk classifications, geographic ranges, and leverage limits across the Real Assets Program and to each of its constituent portfolios. Given the illiquid nature of the RA portfolio, staff anticipates a lag time to make the asset shifts required to bring the portfolio in line with the new strategic plan and policy ranges, along with the required updates to systems and processes as noted to the Investment Committee (IC) at the August, 2016 IC meeting. The most recently available RA Program data is for Q4'16. Given that 12/31/16 ending balances became 1/1/17 starting balances, the Core RA NAV was not within the new RA Policy range as of the date it took effect (1/1/17). For reporting purposes, moreover, RA staff is making the conservative assumption that this exception would not have been cured by the end of Q1'17 due to the illiquid nature of the RA investments. This slight underweight to core is a necessary consequence of implementing consistent risk classifications across RA, and is expected to be resolved within 2-4 quarters given the RA strategy focus on core assets.

Existing: (cont'd)

Program Area or Asset Class	Event Date	Resolution Date	Policy	Exception Description	Event Description and Resolution (expected) or Next Steps
Real Assets	1/1/2017	TBD	Investment Policy for Real Assets Program	For the beginning of the Q1'17 reporting period, the "Core" risk classification represented 44.7% of the Forestland portfolio, which is below the policy range of 75-100% for this risk classification of the Forestland portfolio.	The new RA Policy went into effect 1/1/17. New policy parameters included the consistent application of risk classifications, geographic ranges, and leverage limits across the Real Assets Program and to each of its constituent portfolios. Given the illiquid nature of the RA portfolio, staff anticipates a lag time to make the asset shifts required to bring the portfolio in line with the new strategic plan and policy ranges, along with the required updates to systems and processes as noted to the Investment Committee (IC) at the August, 2016 IC meeting. The most recently available RA Program data is for Q4'16. Given that 12/31/16 ending balances became 1/1/17 starting balances, the Core Forestland NAV was not within the new RA Policy range as of the date it took effect (1/1/17). For reporting purposes, moreover, RA staff is making the conservative assumption that this exception would not have been cured by the end of Q1'17 due to the illiquid nature of the Forestland investments.
Real Assets	1/1/2017	TBD	Investment Policy for Real Assets Program	For the beginning of the Q1'17 reporting period, the "Value-Add" risk classification represented 39.0% of the Forestland portfolio, which is above the policy range of 0-25% for this risk classification within the Forestland portfolio.	The timing of any resolution remains uncertain. The new RA Policy went into effect 1/1/17. New policy parameters included the consistent application of risk classifications, geographic ranges, and leverage limits across the Real Assets Program and to each of its constituent portfolios. Given the illiquid nature of the RA portfolio, staff anticipates a lag time to make the asset shifts required to bring the portfolio in line with the new strategic plan and policy, along with the required updates to systems and processes as noted to the Investment Committee (IC) at the August, 2016 IC meeting. The most recently available RA Program data is for Q4'16. Given that 12/31/16 ending balances became 1/1/17 starting balances, the Value-Added Forestland NAV was not within the new RA Policy range as of the date it took effect (1/1/17). For reporting purposes, moreover, RA staff is making the conservative assumption that this exception would not have been cured by the end of Q1'17 due to the illiquid nature of the Forestland investments. The timing of any resolution remains uncertain.

Existing: (cont'd)

Program Area or Asset Class	Event Date	Resolution Date	Policy	Exception Description	Event Description and Resolution (expected) or Next Steps
Real Assets	1/1/2017	TBD	Investment Policy for Real Assets Program	For the beginning of the Q1'17 reporting period, International Emerging Markets represented 16.3% of the Forestland portfolio, which is above the permitted policy range of 0-15% for this geography segment within the Forestland portfolio.	The new RA Policy went into effect 1/1/17. New policy parameters included the consistent application of risk classifications, geographic ranges, and leverage limits across the Real Assets Program and to each of its constituent portfolios. Given the illiquid nature of the RA portfolio, staff anticipates a lag time to make the asset shifts required to bring the portfolio in line with the new strategic plan and policy, along with the required updates to systems and processes as noted to the Investment Committee (IC) at the August, 2016 IC meeting. The most recently available RA Program data is for Q4'16. Given that 12/31/16 ending balances became 1/1/17 starting balances, the International Emerging Markets Forestland NAV was not within the new RA Policy range as of the date it took effect (1/1/17). For reporting purposes, moreover, RA staff is making the conservative assumption that this exception would not have been cured by the end of Q1'17 due to the illiquid nature of the Forestland investments.
Real Assets	1/1/2017	TBD	Investment Policy for Real Assets Program	For the beginning of the Q1'17 reporting period, DSCR for the Forestland portfolio was 0.97, which is below the minimum DSCR of 1.25, as required by the new RA Policy.	The timing of any resolution remains uncertain. The new RA Policy went into effect 1/1/17. New policy parameters included the consistent application of risk classifications, geographic ranges, and leverage limits across the Real Assets Program and to each of its constituent portfolios. Given the illiquid nature of the RA portfolio, staff anticipates a lag time to make the asset shifts required to bring the portfolio in line with the new strategic plan and policy, along with the required updates to systems and processes as noted to the Investment Committee (IC) at the August, 2016 IC meeting. The most recently available RA Program data is for Q4'16. Given that 12/31/16 ending balances became 1/1/17 starting balances, the Forestland portfolio DSCR did not meet the required minimum DSCR for that portfolio as of the date the new RA Policy took effect (1/1/17). For reporting purposes, moreover, RA staff is making the conservative assumption that this exception would not have been cured by the end of Q1'17. The timing of any resolution remains uncertain.

Disclosure of Closed Session Action Items (for the month ended May 31, 2017)

Investment Committee Meeting	Agenda Item	Investment Committee Action	Vote	
May 15, 2017	Closed Item 4a Action - Senate Bill 185 (de Leon) Update	that met the criteria for divestment as specified by Senate Bill 185, the	Roll call vote results are liste	
		Public Divestiture of Thermal Coal Companies Act (the Act), and to restrict	Committee Member Michael Bilbrey	Vote Yes
		ratar a margarita margarita de	Richard Costigan	Yes
		companies where CalPERS had no holdings.	Rob Feckner	No
			Jeree Glasser-Hedrick	Yes
		Summary of Debate:	Katie Hagen	Yes
		The Committee discussed the requirements of the Act, investment risk	Dana Hollinger	No
		and return characteristics of the targeted companies, as well as the	JJ Jelincic	No
		economic implications of divestment on the portfolio.	Ron Lind	Yes
			Lynn Paquin	Yes
			Priya Mathur	Yes
		Three companies had indicated plans to adapt their business models in		Yes
		consideration of clean energy generation (such as through a reduction	Bill Slaton	No
		of thermal coal mining revenues), and were exempt from the		
		divestment requirement of the Act		
		14 companies failed to indicate any applicable business plan		
		adaptations, or failed to respond to CalPERS engagement efforts and		
		w ere subject to divestment per the requirements of the Act		
		CalPERS has no holdings to divest from an additional eight thermal coal companies as defined in the Act		
		Whether its fiduciary duties precluded it from divesting from the 14		
		companies subject to divestment per the requirements of the Act.		
		companies subject to direction per the requirement of the rot.		

Investment Transactions (for the month ended May 31, 2017)

		Total Fund - Public Markets							
	Public Equity	Income	Inflation	ARS	Liquidity	MAC			
Beginning Market Value	152,218,962,704	58,860,358,340	28,845,649,419	289,394,812	15,711,121,130	1,270,541,000			
+ Purchases	3,918,965,690	4,850,318,381	929,655,275	0	644,550,000	0			
- Sales	(7,564,899,261)	(4,320,385,184)	(1,012,629,698)	(2,146,017)	(1,021,709,000)	0			
+ Unitized Fund Purchases	0	0	0		0	0			
- Unitized Fund Sales	0	0	0		0	0			
+/- Other Changes in MV	6,519,756,074	222,515,275	(3,191,179,125)	481,740	(222,661,421)	7,322,950			
Ending Market Value	155,092,785,206	59,612,806,812	25,571,495,871	287,730,536	15,111,300,709	1,277,863,950			

	Total Fund - Private Markets									
	Private Equity	Real Estate	Forestland	Infrastructure						
Beginning Market Value	25,898,847,691	30,132,107,686	1,992,311,851	3,690,429,312						
+ Contributions	196,124,579	265,983,851	0	41,298,067						
- Distributions	(575,864,555)	(233,146,641)	0	(17,998,592)						
+ Unitized Fund Purchases	0	0	0	0						
- Unitized Fund Sales	0	0	0	0						
+/- Other Changes in MV	660,494,727	(32,837,210)	0	(23,299,475)						
Ending Market Value	26,179,602,442	30,132,107,686	1,992,311,851	3,690,429,312						

	Total Public Markets	Total Private Markets	Total Fund
Beginning Market Value	257,196,027,406	61,713,696,541	318,909,723,946
+ Contributions	10,343,489,346	503,406,497	10,846,895,843
- Distributions	(13,921,769,160)	(827,009,788)	(14,748,778,948)
+ Unitized Fund Purchases	0	0	0
- Unitized Fund Sales	0	0	0
+/- Other Changes in MV	3,336,235,494	604,358,042	3,940,593,536
Ending Market Value	256,953,983,085	61,994,451,292	318,948,434,376

Note: Numbers will not tie exactly to the Asset Allocation/Performance categories due to classification differences.