

CalPERS

*Monthly Update – Investment
Compliance*

MONTH ENDED AUGUST 31, 2018

Items Completed Under Delegated Authority

	Program Area	Name of Investment	Commitment (million)	Initial Commitment Date	Complies with Delegation Number	New or Additional Commitment
1	Private Equity	Palladium Equity Partners V, L.P.	\$75.00	Aug-2018	INV-18-06	New Commitment
2	Private Equity	Tailwind Capital Partners III, L.P.	\$200.00	Aug-2018	INV-18-06	New Commitment
3	Private Equity	TPG Golden Bear Partners, L.P.	\$200.00	Aug-2018	INV-18-06	New Commitment
4	Private Equity	Vista Equity Partners Fund VII-Z, L.P.	\$400.00	Aug-2018	INV-18-06	New Commitment

Disclosure of Placement Agent Fees

Firm Name	TPG Golden Bear Partners GenPar, L.P.
Asset Class	Private Equity
Fund	TPG Golden Bear Partners, L.P.
Placement Agent / Firm*	Jack Weingart James Gates Charles Froeb Catie Barile Alastair Bushby James Calinan Josh Evans Griffin Howard Charlie Madden Emily Powers Catherine Atieh Alex Schwartz Jennifer Shah Grant Sutton Andrew Tirbeni Nicole Upshaw
Placement Agent Employment*	Internal employees of the General Partner and/or its affiliates
Registered with U.S. or non-U.S. financial regulatory authority*	TPG's broker-dealer affiliate, TPG Capital BD, LLC ("TPG BD"), regularly solicits investors for investment funds sponsored by TPG. TPG BD is registered with the U.S. Securities and Exchange Commission and is a FINRA member (CRD No. 0143876). Certain employees of TPG Funding, LLC or an affiliate thereof (collectively, "TPG Funding") serve as registered representatives ("TPG BD Representatives") of TPG BD.

*This information is provided directly from the Placement Agent Disclosure as submitted to CalPERS.

Disclosure of Placement Agent Fees

Firm Name	TPG Golden Bear Partners GenPar, L.P.
Asset Class	Private Equity
Fund	TPG Golden Bear Partners, L.P.
Registered Lobbyist(s)*	Mr. Weingart is a registered lobbyist in the State of California. Mr. Gates is a registered lobbyist in the State of California. Mr. Froeb is a registered lobbyist in the State of California, New York City, Los Angeles, San Diego, and San Jose. Ms. Barile is a registered lobbyist in the State of California. Mr. Bushby is a registered lobbyist in the State of California. Mr. Callinan is a registered lobbyist in the State of California. Mr. Evans is a registered lobbyist in the State of California and San Jose. Mr. Howard is a registered lobbyist in the State of California. Mr. Madden is a registered lobbyist in the State of California. Ms. Powers is a registered lobbyist in the State of California. Mrs. Atieh is a registered lobbyist in the State of California. Mr. Schwartz is a registered lobbyist in the State of California. Ms. Shah is a registered lobbyist in the State of California. Mr. Sutton is a registered lobbyist in the State of California. Mr. Tirbeni is a registered lobbyist in the State of California. Ms. Upshaw is a registered lobbyist in the State of California.
Estimated Placement Agent Compensation*	TPG Golden Bear Partners GenPar, L.P. and its affiliates have not engaged, compensated or agreed to compensate, directly or indirectly, any third-party placement agent in connection with the offer of assets, securities or services to CalPERS or any CalPERS vehicle. The Placement Agents listed in Attachment A above are employees of TPG Funding, LLC or an affiliate of TPG Funding, LLC and are paid an annual base salary plus a discretionary bonus for their activities as representatives of TPG Capital BD, LLC, which is not contingent upon the offer of assets, securities or services to CalPERS on behalf of TPG Healthcare Partners, L.P. Although the Placement Agents receive their compensation from TPG Funding, LLC or an affiliate of TPG Funding, LLC, the Placement Agents are registered representatives of TPG Capital BD, LLC, an affiliate of TPG Funding, LLC and a member of FINRA (CRD No. 0143876). The estimated base compensation paid to employees of TPG Funding, LLC or an affiliate of TPG Funding, LLC in regard to time spent on CalPERS's interests in TPG Golden Bear Partners, L.P. is \$7,091; although such compensation was not based directly or indirectly on the amount of CalPERS commitment.
Disclosed Gifts and Campaign Contributions*	None
Notes	TPG Golden Bear Partners was marketed as a separately managed co-investment vehicle alongside TPG Partners VIII and TPG Asia VII (TPG Golden Bear will co-invest with TPG VIII and TPG Asia VII.
Transaction Type	New

*This information is provided directly from the Placement Agent Disclosure as submitted to CalPERS.

Unsolicited Investment Proposal Activity
 Proposal Status By Asset Class
 for the Month of August 2018

	Private Asset Classes				Public Asset Classes				Total
	Private Equity	Forestland	Infrastructure ¹	Real Estate	Opportunistic	Global Equities	Commodities	Global Fixed Income	
Start of Month Proposals	13	2	14	10	1	2	0	0	42
New Proposals During the Month	2	0	5	6	2	2	0	1	18
Reinstated Proposal During Month	0	0	0	0	0	0	0	0	0
Decisions During the Month	5	2	4	6	3	4	0	0	24
End of Month Proposals	10	0	15	10	0	0	0	1	36

Status Details

Status	Private Asset Classes				Public Asset Classes				Total
	Private Equity	Forestland	Infrastructure	Real Estate	Opportunistic	Global Equities	Commodities	Global Fixed Income	
Start of Month Proposals									
Submitted	0	0	2	3	0	0	0	0	5
Screening	6	2	12	6	1	2	0	0	29
Due Diligence	5	0	0	1	0	0	0	0	6
Approved	2	0	0	0	0	0	0	0	2
Subtotal	13	2	14	10	1	2	0	0	42
New Proposals During the Month									
Subtotal	2	0	5	6	2	2	0	1	18
Reinstated Proposals During Month									
Subtotal	0	0	0	0	0	0	0	0	0
Decisions During the Month									
Committed	2	0	0	0	0	0	0	0	2
Declined	3	2	4	3	0	0	0	0	12
Failed to Materialize	0	0	0	0	3	2	0	0	5
Referred	0	0	0	3	0	2	0	0	5
Subtotal	5	2	4	6	3	4	0	0	24
End of Month Proposals									
Submitted	0	0	2	0	0	0	0	0	2
Screening	3	0	12	9	0	0	0	1	25
Due Diligence	4	0	0	1	0	0	0	0	5
Approved	3	0	1	0	0	0	0	0	4
Subtotal	10	0	15	10	0	0	0	1	36

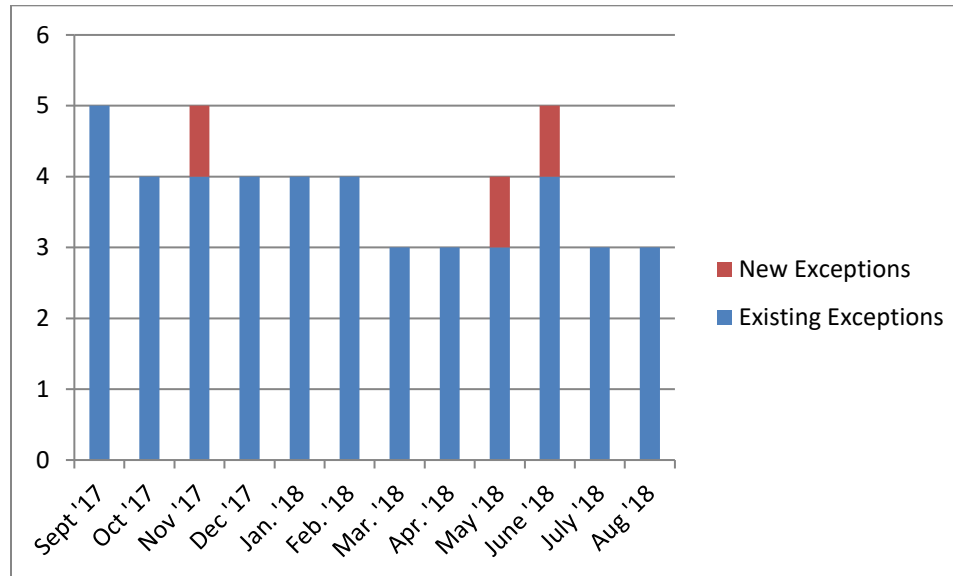
¹Start of Month Proposals for Infrastructure (14) was revised upwards from July 2018 End of Month Proposals (13) due to a proposal being in an idle status

Policy Exceptions

Exceptions to Policy

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

- Global Equity
- Global Fixed Income
- Investment Manager Engagement Programs
- Investment Risk and Performance
- Investment Servicing Division
- Opportunistic Strategies
- Sustainable Investment Program



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					

Policy Exceptions

Existing:

Program Area or Asset Class	Event Date	Resolution Date	Policy	Exception Description	Event Description and Resolution (expected) or Next Steps
Private Equity	6/4/2018	8/13/2018	Private Equity Program	The credit-related strategy allocation represented 9.65% of the Private Equity portfolio, which is below the policy range of 10% to 25% for this strategy.	<p>The current allocation to credit related strategies had fallen below the Policy sub-asset-class allocation range of 10-25%. This was a passive breach caused by new investments to other strategies in the PE program.</p> <p>Staff proposed changes to the allocation range for credit-related strategies as part of a broader Private Equity Policy review. The proposed change moved the range to 0-15%. The proposed policy updates were presented and approved at the August 2018 Investment Committee meeting. This exception has been resolved.</p>
Real Assets	1/1/2017	TBD	Investment Policy for Real Assets Program	For the quarter ended March 2018, the Debt Service Coverage Ratio (DSCR) for the Forestland portfolio was 0.99, which is below the minimum DSCR of 1.25, as required by the Real Assets (RA) Policy.	The Forestland portfolio DSCR has not been within the new RA Policy range since the date the current range took effect (1/1/17). Data has been finalized through the quarter ended March 2018, and the policy exception still exists. Staff will be proposing updates to the Real Assets Program Policy at the September 2018 Investment Committee meeting to establish additional net asset value reporting thresholds for the Forestland portfolio that, if approved, will have the ancillary effect of resolving this exception.
Trust Level Portfolio Management	8/17/2015	TBD	Total Fund Policy: Asset Allocation Strategy section	The Total Fund Investment Policy requires forecasted and realized tracking error to be evaluated against one another over rolling three-year periods for each program and the Total Fund. Staff has instead been evaluating tracking error over one- and five-year periods.	<p>The Policy requires staff to evaluate forecasted tracking errors and realized tracking errors over rolling three-year periods for each program area and the Total Fund. Staff's current process is to review one- and five-year realized and/or forecasted returns.</p> <p>Staff will be proposing updates to the Total Fund Investment Policy at the September 2018 Investment Committee meeting in order to align the policy with actual practice.</p>

Disclosure of Closed Session Action Items

No items to report.

Investment Transaction Summary

Aug-18	SX2JA1	SJEKA1	SX5CA2	SNLCA1	SX3YA1	SX3BA3
	Total Fund - Public Markets					
	Public Equity (\$)	Income (\$)	Inflation (\$)	ARS (\$)	Liquidity (\$)	TLPM (\$)
Beginning Market Value	176,717,910,923.71	80,039,484,170.65	19,600,520,111.03	233,250,188.86	12,056,392,468.62	3,868,919,245.21
+ Purchases	7,725,038,392.34	6,646,402,773.29	1,329,596,082.80	-	2,076,171,727.15	1,978,836,508.70
- Sales	(10,201,031,253.88)	(7,127,207,158.76)	(2,151,624,989.15)	(959,098.94)	(2,143,393,059.80)	(399,247,863.36)
+ Unitized Fund Purchases	-	-	-	-	-	-
- Unitized Fund Sales	-	-	-	-	-	-
+/- Other Changes in MV	620,372,204.61	5,145,510,156.06	(136,038,557.92)	(4,170,492.87)	(3,635,372,098.01)	2,075,219,791.33
Ending Market Value	174,862,290,266.77	84,704,189,941.24	18,642,452,646.76	228,120,597.05	8,353,799,037.96	7,523,727,681.89

	SJAIM	SJRKA3	SWGLA2	SWGMA2
	Total Fund - Private Markets			
	Private Equity (\$)	Real Estate (\$)	Forestland (\$)	Infrastructure (\$)
Beginning Market Value	27,327,107,169.50	31,909,611,387.02	1,545,499,750.60	4,351,426,235.14
+ Contributions	185,954,583.77	1,552,365,259.00	-	34,276,935.00
- Distributions	(427,721,627.76)	(225,243,560.00)	(2,825,000.00)	(12,547,432.00)
+ Unitized Fund Purchases	-	-	-	-
- Unitized Fund Sales	-	-	-	-
+/- Other Changes in MV	554,776,483.86	197,084,573.71	(181,125,852.04)	(1,678,551.76)
Ending Market Value	27,640,116,609.37	33,433,817,659.73	1,361,548,898.56	4,371,477,186.38

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

	Total Public Markets (\$)	Total Private Markets (\$)	Total Fund (\$)
Beginning Market Value	292,516,477,108.08	65,133,644,542.26	357,650,121,650.34
+ Contributions	19,756,045,484.28	1,772,596,777.77	21,528,642,262.05
- Distributions	(22,023,463,423.89)	(668,337,619.76)	(22,691,801,043.65)
+ Unitized Fund Purchases	-	-	-
- Unitized Fund Sales	-	-	-
+/- Other Changes in MV	4,065,521,003.21	569,056,653.77	4,634,577,656.98
Ending Market Value	294,314,580,171.68	66,806,960,354.04	361,121,540,525.71

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