

**REQUIRED SUPPLEMENTARY
INFORMATION**

COUNTY OF RIVERSIDE
Required Supplementary Information
June 30, 2016

SCHEDULE OF CHANGES IN NET PENSION LIABILITY AND RELATED RATIOS DURING THE MEASUREMENT PERIOD
(Dollar amounts in thousands)

Agent Multiple Employer Plan

Measurement Period	2014-15 ⁽¹⁾	2013-14 ⁽¹⁾
Total pension liability		
Service cost	\$ 245,320	\$ 238,529
Interest	625,753	569,503
Changes of benefit terms	-	-
Differences between expected and actual experience	40,222	-
Changes of assumptions	(165,768)	-
Benefit payments, including refunds of employee contributions	(322,300)	(293,348)
Net change in total pension liability	<u>423,227</u>	<u>514,684</u>
Total pension liability - beginning	<u>8,135,461</u>	<u>7,620,777</u>
Total pension liability - ending (a)	<u><u>\$ 8,558,688</u></u>	<u><u>\$ 8,135,461</u></u>
 Plan fiduciary net position		
Contributions - employer	\$ 167,147	\$ 210,413
Contributions - employee	107,669	99,662
Net investment income	153,459	997,083
Benefit payments, including refunds of employee contributions	(322,300)	(293,348)
Administrative expense	(7,877)	-
Net change in plan fiduciary net position	<u>98,098</u>	<u>1,013,810</u>
 Plan fiduciary net position - beginning	<u>6,701,190</u>	<u>5,687,380</u>
Plan fiduciary net position - ending (b)	<u><u>\$ 6,799,288</u></u>	<u><u>\$ 6,701,190</u></u>
 Plan's net pension liability - ending (a) - (b)	<u><u>\$ 1,759,400</u></u>	<u><u>\$ 1,434,271</u></u>
 Plan fiduciary net position as a percentage of the total pension liability	79.4%	82.4%
 Covered-employee payroll	\$ 1,237,138	\$ 1,137,758
 Plan's net pension liability as a percentage of covered-employee payroll	142.2%	126.1%

⁽¹⁾ Historical information is required only for measurement periods for which GASB Statement No. 68 is applicable. This schedule is presented to illustrate the requirement to show information for 10 years. However, until a full 10-year trend is compiled, the information will be presented for those years for which information is available.

Notes to Schedule:

Benefit changes: The figures above do not include any liability impact that may have resulted from plan changes which occurred after June 30, 2014. This applies for voluntary benefit changes as well as any offers of Two Years Additional Service Credit (a.k.a. Golden Handshakes).

Changes of assumptions: The discount rate was changed from 7.5 percent (net of administrative expense) as of June 30, 2014 measurement date to 7.65 percent as of June 30, 2015 measurement date.

COUNTY OF RIVERSIDE
Required Supplementary Information
June 30, 2016
SCHEDULE OF PLAN CONTRIBUTIONS
(Dollar amounts in thousands)

Agent Multiple Employer Plan

Fiscal year	2015-16*	2014-15*
Actuarially determined contribution	\$ 216,678	\$ 192,447
Contributions in relation to the actuarially determined contribution	<u>(245,762)</u>	<u>(206,832)</u>
Contribution deficiency (excess)	<u>\$ (29,084)</u>	<u>\$ (14,385)</u>
 Covered-employee payroll	 \$ 1,369,182	 \$ 1,237,138
 Contributions as a percentage of covered-employee payroll	 17.9%	 16.7%

* Historical information is required only for measurement periods for which GASB Statement No. 68 is applicable. This schedule is presented to illustrate the requirement to show information for 10 years. However, until a full 10-year trend is compiled, the information will be presented for those years for which information is available.

Notes to Schedule

The actuarial methods and assumptions used to set the actuarially determined contributions for fiscal year 2015-16 were derived from the June 30, 2013 funding valuation report.

Actuarial cost method	Entry Age Normal
Amortization method	Level Percent of Payroll, Open
Asset valuation method	Actuarial Value of Assets
Inflation	2.75%
Salary increases	Varies by Entry Age and Service
Payroll growth	3.0%
Investment rate of return*	7.65%

The Retirement Age is determined by the probabilities of retirement which are based on the 2014 CalPERS Experience Study for the period from 1997 to 2011.

The Mortality is based on the 2014 CalPERS Experience Study for the period from 1997 to 2011. Pre-retirement and Post-retirement mortality rates include 5 years of projected mortality improvement using Scale AA published by the Society of Actuaries.

* Net of pension plan investment and administrative expenses; includes inflation.

COUNTY OF RIVERSIDE
Required Supplementary Information
June 30, 2016

SCHEDULE OF THE PLAN'S PROPORTIONATE SHARE OF THE NET PENSION LIABILITY AND RELATED RATIOS

As of the Measurement Date
(Dollar amounts in thousands)

Cost Sharing Multiple Employer Plan

Measurement Period	2014-15 ⁽¹⁾	2013-14 ⁽¹⁾
Plan's proportion of the net pension liability (asset)	0.60886%	0.23529%
Plan's proportionate share of the net pension liability (asset)	\$ 16,704	\$ 14,641
Plan's covered-employee payroll	8,750	7,605
Plan's proportionate share of the net pension liability (asset) as a percentage of its covered-employee payroll	190.9%	192.5%
Plan's proportion of fiduciary net position as a percentage of the Plan's total pension liability	78.7%	80.7%
Plan's proportionate share of aggregate employer contributions	\$ 1,473	\$ 1,653

⁽¹⁾ Historical information is required only for measurement periods for which GASB Statement No. 68 is applicable. This schedule is presented to illustrate the requirement to show information for 10 years. However, until a full 10-year trend is compiled, the information will be presented for those years for which information is available.

SCHEDULE OF PLAN CONTRIBUTIONS
(Dollar amounts in thousands)

Cost Sharing Multiple Employer Plan

Fiscal year	2015-16*	2014-15*
Actuarially determined contribution	\$ 1,925	\$ 1,573
Contributions in relation to the actuarially determined contribution	(1,473)	(1,139)
Contribution deficiency (excess)	<u>\$ 452</u>	<u>\$ 434</u>
Covered-employee payroll	\$ 9,175	\$ 8,750
Contributions as a percentage of covered-employee payroll	16.1%	13.0%

*Historical information is required only for measurement periods for which GASB Statement No. 68 is applicable. This schedule is presented to illustrate the requirement to show information for 10 years. However, until a full 10-year trend is compiled, the information will be presented for those years for which information is available.

Notes to Schedule

Benefit changes: The figures above do not include any liability impact that may have resulted from plan changes which occurred after June 30, 2014. This applies for voluntary benefit changes as well as any offers of Two Years Additional Service Credit (a.k.a. Golden Handshakes).

COUNTY OF RIVERSIDE
Required Supplementary Information
June 30, 2016

SCHEDULE OF PLAN CONTRIBUTIONS (Continued)

Changes of assumptions: The discount rate of 7.5 percent used for the June 30, 2014 measurement date was net of administrative expenses. The discount rate of 7.65 percent used for the June 30, 2015 measurement date is without reduction of pension plan administrative expense.

SCHEDULE OF CHANGES IN NET PENSION LIABILITY AND RELATED RATIOS DURING THE MEASUREMENT PERIOD
(Dollar amounts in thousands)

Riverside County – Part-time and Temporary Help Retirement

Measurement Period	2014-15	2013-14
Total pension liability		
Service cost	\$ 1,512	\$ 1,557
Interest	1,983	1,800
Changes of benefit terms	-	-
Differences between expected and actual experience	795	1,146
Changes of assumptions	2,939	-
Benefit payments, including refunds of employee contributions	(1,511)	(1,762)
Net change in total pension liability	5,718	2,741
Total pension liability - beginning	29,744	27,003
Total pension liability - ending (a)	\$ 35,462	\$ 29,744
 Plan fiduciary net position		
Contributions - employer	\$ 607	\$ 956
Contributions - employee	1,267	1,394
Net investment income	131	4,437
Benefit payments, including refunds of employee contributions	(1,511)	(1,762)
Administrative expense	(217)	(228)
Other	-	-
Net change in plan fiduciary net position	277	4,797
 Plan fiduciary net position - beginning	31,602	26,805
Plan fiduciary net position - ending (b)	\$ 31,879	\$ 31,602
 Net pension liability (asset) - ending (a) - (b)	\$ 3,583	\$ (1,858)
 Plan fiduciary net position as a percentage of the total pension liability	89.9%	106.2%
Covered-employee payroll	\$ 32,963	\$ 29,517
Net pension liability (asset) as a percentage of covered-employee payroll	10.9%	6.3%

This schedule is presented to illustrate the requirement to show information for 10 years. However, until a full 10-year trend is compiled, pension plans should present information for those years for which information is available.

COUNTY OF RIVERSIDE
Required Supplementary Information
June 30, 2016

SCHEDULE OF CHANGES IN NET PENSION LIABILITY AND RELATED RATIOS DURING THE MEASUREMENT PERIOD (Continued)

Notes to Schedule:

Changes of assumptions:

- 1) Funding interest rate decreased from 6.5% as of June 30, 2014 measurement date to 6.0% as of June 30, 2015 measurement date.
- 2) Lump sum interest rate decreased from 6.0% as of June 30, 2014 measurement date to 5.0% as of June 30, 2015 measurement date.

SCHEDULE OF PLAN CONTRIBUTIONS
(Dollar amounts in thousands)

Riverside County – Part-time and Temporary Help Retirement

Fiscal Year	2015-16	2014-15
Actuarially determined contribution	\$ 122	\$ 252
Contributions in relation to the actuarially determined contribution	(639)	(529)
Contribution deficiency (excess)	<u>\$ (517)</u>	<u>\$ (277)</u>
Covered-employee payroll	\$ 39,761	\$ 32,963
Contributions as a percentage of covered-employee payroll	1.6%	1.6%

This schedule is presented to illustrate the requirement to show information for 10 years. However, until a full 10-year trend is compiled, pension plans should present information for those years for which information is available.

Notes to Schedule

Valuation date: June 30, 2014

Methods and assumptions used to determine contribution rates:

Actuarial cost method	Entry Age Normal
Amortization method	Level-Dollar Projected Payroll
Remaining amortization period	20 –year Amortization of Unfunded Liability, plus Normal Cost, less expected Employee Contributions
Asset valuation method	Market Value
Inflation	3.0%
Salary increases:	3.0%
Investment rate of return	6.0% (net of administrative expense)
Retirement age	65

COUNTY OF RIVERSIDE
Required Supplementary Information
June 30, 2016

SCHEDULE OF PLAN CONTRIBUTIONS (Continued)

Mortality

Actives

RP-2014 combined annuitant/non-annuitant mortality table with generational future improvement using scale MP-2014.

Full-time Actives (no longer accruing benefits)

Mortality rates are based on the most recent CalPERS mortality table developed in the 1997-2011 CalPERS Experience Study, with generational future improvements using scale MP-2014.

Age	Male	Female
30	0.05%	0.03%
40	0.08%	0.05%
50	0.16%	0.11%
60	0.35%	0.22%
70	1.77%	1.26%
80	5.28%	3.69%
90	16.19%	12.33%

OPEB – SCHEDULES OF FUNDING PROGRESS

(Dollars in Thousands)

County of Riverside

Actuarial Valuation Date	Actuarial Value of Assets (a)	Actuarial Accrued Liability (AAL) (b)	Unfunded AAL (UAAL) (b - a)	Funded Ratio (a/b)	Covered Payroll (c)	UAAL as a Percentage of Covered Payroll ((b-a)/c)
July 1, 2013	\$ 26,764	\$ 43,829	\$ 17,065	61.06 %	\$ 1,096,375	1.56 %
July 1, 2014	34,098	40,121	6,023	84.99	1,152,127	0.52
July 1, 2015	34,486	41,249	6,763	83.60	1,281,024	0.53

Flood Control and Water Conservation District

Actuarial Valuation Date	Actuarial Value of Assets (a)	Actuarial Accrued Liability (AAL) (b)	Unfunded AAL (UAAL) (b - a)	Funded Ratio (a/b)	Covered Payroll (c)	UAAL as a Percentage of Covered Payroll ((b-a)/c)
July 1, 2013	\$ 321	\$ 494	\$ 173	64.98 %	\$ 15,339	1.13 %
July 1, 2014	532	479	(53)	111.06	16,297	-0.33
July 1, 2015	556	395	(161)	140.76	17,194	-0.94

COUNTY OF RIVERSIDE
Required Supplementary Information
June 30, 2016

OPEB – SCHEDULES OF FUNDING PROGRESS (Continued)
(Dollars in Thousands)

Regional Park and Open-Space District

Actuarial Valuation Date	Actuarial Value of Assets (a)	Actuarial Accrued Liability (AAL) (b)	Unfunded AAL (UAAL) (b - a)	Funded Ratio (a/b)	Covered Payroll (c)	UAAL as a Percentage of Covered Payroll ((b-a)/c)
July 1, 2011	\$ 232	\$ 139	\$ (93)	166.91 %	\$ 4,871	-1.91 %
July 1, 2013	259	132	(127)	196.21	4,607	-2.76
July 1, 2015 *	306	113	(193)	270.80	7,090	-2.72

*The most recent actuarial valuation. Actuarial valuations every two years.

Waste Resources Department

Actuarial Valuation Date	Actuarial Value of Assets (a)	Actuarial Accrued Liability (AAL) (b)	Unfunded AAL (UAAL) (b - a)	Funded Ratio (a/b)	Covered Payroll (c)	UAAL as a Percentage of Covered Payroll ((b-a)/c)
January 1, 2009	\$ -	\$ 1,089	\$ 1,089	0.00 %	\$ 3,302	32.98 %
July 1, 2012	-	982	982	0.00	2,495	39.36
July 1, 2015 *	-	755	755	0.00	2,384	31.67

*The most recent actuarial valuation. Actuarial valuations every three years.



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