



Required Supplementary Information

**CITY OF ELLENSBURG
REQUIRED SUPPLEMENTARY INFORMATION
SCHEDULE OF FUNDING PROGRESS
(Amount expressed in Thousands)**

Fire Relief and Pension Fund

Actuarial Valuation Date	Value of Assets (a)	Actuarial Accrued Liability (AAL-Unit Credit Cost (b)	unfunded AAL(UAAL)(a-b)	Funded Ration (a/b)	Covered Payroll ©	UAAL as a percentage of Covered Payroll (b- a)/c)
12/31/1997	693	612	(81)	113%	0	N/A
12/31/2000	543	454	(89)	120%	0	N/A
12/31/2002	410	404	(6)	101%	0	N/A
12/31/2004	276	600	324	46%	0	N/A
12/31/2006	66	745	679	9%	0	N/A
12/31/2008	(152)	842	994	-18%	0	N/A
12/31/2010	37	890	853	4%	0	N/A
12/31/2012	285	1014	729	28%	0	N/A
12/31/2014	440	867	427	51%	0	N/A

**required to be done every two years

LEOFF 1 POLICE

Actuarial Valuation Date	Value of Assets (a)	Actuarial Accrued Liability (AAL-Unit Credit Cost (b)	unfunded AAL(UAAL)(a-b)	Funded Ration (a/b)	Covered Payroll ©	UAAL as a percentage of Covered Payroll (b- a)/c)
12/31/2008	0	3,025	3,025	0%	0	N/A
12/31/2009	0	2,827	2,827	0%	0	N/A
12/31/2010	0	2,773	2,773	0%	0	N/A
12/31/2011	0	2,890	2,890	0%	0	N/A
12/31/2012	0	2,758	2,758	0%	0	N/A
12/31/2013	0	2,570	2,570	0%	0	N/A
12/31/2014	0	3,531	3,531	0%	0	N/A
12/31/2015	0	4,108	4,108	0%	0	N/A

LEOFF 1 FIRE FIGHTERS

Actuarial Valuation Date	Value of Assets (a)	Actuarial Accrued Liability (AAL-Unit Credit Cost (b)	unfunded AAL(UAAL)(a-b)	Funded Ration (a/b)	Covered Payroll ©	UAAL as a percentage of Covered Payroll (b- a)/c)
12/31/2008	0	2,693	2,693	0%	0	N/A
12/31/2009	0	2,487	2,487	0%	0	N/A
12/31/2010	0	2,474	2,474	0%	0	N/A
12/31/2011	0	2,525	2,525	0%	0	N/A
12/31/2012	0	2,373	2,373	0%	0	N/A
12/31/2013	0	2,268	2,268	0%	0	N/A
12/31/2014	0	3,310	3,310	0%	0	N/A
12/31/2015	0	4,168	4,168	0%	0	N/A

CITY OF ELLENSBURG
REQUIRED SUPPLEMENTARY INFORMATION
GASB Statement No. 67 Schedule of Employer Contributions
2015

Schedule of Employer Contributions for 8 years

Fire Relief and Pension Fund

Fiscal Year Ending	Actuarially Determined Contribution	Actual Employer Contribution	Contribution Deficiency (Excess)	Covered Payroll	Contribution as a % of Covered Payroll
December 31st 2008	77,535	143,574	(66,039)	0	N/A
December 31st 2009	77,535	149,853	(72,318)	0	N/A
December 31st 2010	64,903	199,940	(135,037)	0	N/A
December 31st 2011	64,903	184,471	(119,568)	0	N/A
December 31st 2012	59,924	202,238	(142,314)	0	N/A
December 31st 2013	59,924	76,923	(16,999)	0	N/A
December 31st 2014	43,646	89,679	(46,033)	0	N/A
December 31st 2015	27,000	(61,886)	88,886	0	N/A

* Employer Contributions for pensions are total contributions to the Fund net of disbursements from the Fund for medical expenses under RCW 41.26.150. It includes revenues from fire insurance premium taxes. Prior to 2014, administrative expenses were also subtracted from employer contributions.

CITY OF ELLENSBURG
REQUIRED SUPPLEMENTARY INFORMATION
GASB Statement No. 67 Schedule of Money Weighted Rate of Return
2015

Fiscal Year Ending December 31	Net Money Weighted Rate of Return
2015	0.57%

Calculation of Money Weighted Rate of Return

The money weighted rate of return considers the changing amounts actually invested during a period and weights the amount of pension plan investments by the proportion of time they are available to earn a return during that period. External cash flows are determined on a monthly basis and are assumed to occur at the beginning of each month. External cash inflows are netted with external cash outflows, resulting in a net external cash flow in each month. The money weighted rate of return is calculated net of investment expenses.

	Net External Cash Flows	Periods Invested	Period Weight	Net External Cash Flows With Interest
Beginning Value January 1, 2015	\$439,985	12.00	1.00	\$442,507
Monthly net external cash flows:				
January	(5,858)	12.00	1.00	(5,891)
February	(8,620)	11.00	0.92	(8,665)
March	(10,737)	10.00	0.83	(10,788)
April	(8,607)	9.00	0.75	(8,644)
May	12,584	8.00	0.67	12,632
June	(19,822)	7.00	0.58	(19,888)
July	(10,352)	6.00	0.50	(10,382)
August	(9,475)	5.00	0.42	(9,497)
September	(12,711)	4.00	0.33	(12,735)
October	(14,784)	3.00	0.25	(14,806)
November	(10,496)	2.00	0.17	(10,506)
December	(10,588)	1.00	0.08	(10,593)
Ending Value December 31, 2015	332,744			332,744
Money Weighted Rate of Return	0.57%			

**CITY OF ELLENSBURG
 REQUIRED SUPPLEMENTARY INFORMATION
 GASB Statement No. 67 Long-Term Expected Rate of Return
 2015**

The long-term expected rate of return is determined by combining expected inflation to expected long-term real returns and reflecting expected volatility and correlation. The capital market assumptions are per Milliman's investment consulting practice as of December 31, 2015.

Asset Class	Index	Long-Term Expected Real Rate of Return
Cash	Citigroup 90-Day T-Bills	0.65%
Short-Term Bonds	Citigroup 1-3 Year Gov/Cred	1.49%
Long-Term Bonds	Barclays Long Gov/Cred	3.05%
Assumed Inflation - Mean		2.25%
Long-Term Expected Rate of Return		3.50%

CITY OF ELLENSBURG
REQUIRED SUPPLEMENTARY INFORMATION
GASB Statement No. 67 Net Pension Liability
2015

Net Pension Liability	December 31, 2014	December 31, 2015
Total pension liability	\$866,513	\$859,906
Fiduciary net position	439,985	332,744
Net pension liability	426,528	527,162
Fiduciary net position as a % of total pension liability	50.78%	38.70%
Covered payroll	0	0
Net pension liability as a % of covered payroll	N/A	N/A

The total pension liability was determined by an actuarial valuation as of the valuation date, calculated based on the discount rate and actuarial assumptions below. There were no significant changes during this period. Any significant changes would need to be reflected as prescribed by GASB 67.

Discount Rate

Discount rate	3.50%	3.50%
Long-term expected rate of return, net of investment expense	3.50%	3.50%
Municipal bond rate	3.50%	3.50%

Other Key Actuarial Assumptions

Valuation Date	January 1, 2015	January 1, 2015
Measurement Date	December 31, 2014	December 31, 2015
Inflation	2.25%	2.25%
Salary increases including inflation	3.25%	3.25%
Mortality	RP-2000 Mortality Table (combined healthy) projected to 2019 using 50% of Projection Scale AA, with ages set back one year for males and forward one year for females (set forward two years for disabled members)	RP-2000 Mortality Table (combined healthy) with generational projection using 100% of Projection Scale BB, with ages set back one year for males and forward one year for females (set forward two years for disabled members)
Actuarial cost method	Entry Age Normal	Entry Age Normal

CITY OF ELLENSBURG
REQUIRED SUPPLEMENTARY INFORMATION
GASB Statement No. 67 Schedule of Changes in Net Pension Liability and Related Ratios
2015

\$ Thousands	Fiscal Year Ending December 31 2015
Total Pension Liability	
Service Cost	\$0
Interest on total pension liability	30
Effect of plan charges	0
Effect of economic /demographic gains or (losses)	-
Effect of assumption changes or inputs	0
Benefit payments	(36)
Net change in total pension liability	(7)
Total pension liability, beginning	867
Total pension liability, ending (a)	860
 Fiduciary Net Position	
Employer contributions	\$0
Contributions from state fire insurance premium tax	20
Investment income net of investment expenses	2
Benefit payments	(36)
Medical payments from fund	(82)
Administrative expenses	(11)
Net change in plan fiduciary net position	-107
Fiduciary net position, beginning	440
Fiduciary net position, ending (b)	333
 Net pension liability, ending = (a) - (b)	 \$527
 Fiduciary net position as a % of total pension liability	 38.70%
 Covered payroll	 \$0
 Net pension liability as a % of covered payroll	 N/A

This schedule is presented to illustrate the requirement to show information for 10 years. However, recalculations of prior years are not required, and if prior years are not reported in accordance with the current GASB standards, they should not be reported.

REQUIRED SUPPLEMENTARY INFORMATION - State Sponsored Plans

City of Ellensburg
 Schedule of Proportionate Share of the Net Pension Liability
 Pension Plans, PERS 1; PERS 2; LEOFF 1; LEOFF 2
 As of June 30 2015
 Last 10 Fiscal Years*

	<u>2015</u>
PERS 1	
Employer's proportion of the net pension liability (asset) %	0.069607%
Employer's proportionate share of the net pension liability \$	3,641,093
TOTAL \$	3,641,093
Employer's covered employee payroll \$	209,677
Employer's proportionate share of the net pension liability as a percentage of covered employee payroll %	5.76%
<u>2015</u>	
PERS 2 & 3	
Employer's proportion of the net pension liability (asset) %	0.084596%
Employer's proportionate share of the net pension liability \$	3,022,663
TOTAL \$	3,022,663
Employer's covered employee payroll \$	7,506,240
Employer's proportionate share of the net pension liability as a percentage of covered employee payroll %	248.33%
<u>2015</u>	
LEOFF 1	
Employer's proportion of the net pension liability (asset) %	0.039784%
Employer's proportionate share of the net pension asset \$	479,485
TOTAL \$	479,485
Employer's covered employee payroll \$	0
Employer's proportionate share of the net pension liability as a percentage of covered employee payroll %	0.00%
<u>2015</u>	
LEOFF 2	
Employer's proportion of the net pension liability (asset) %	0.071938%
Employer's proportionate share of the net pension asset \$	739,379
TOTAL \$	739,379
Employer's covered employee payroll \$	2,087,922
Employer's proportionate share of the net pension liability as a percentage of covered employee payroll %	282.39%
Plan fiduciary net position as a percentage of the total pension liability %	60.66%

* Until a full 10-year trend is compiled, governments should present information only for those years for which information is available.

REQUIRED SUPPLEMENTARY INFORMATION - State Sponsored Plans

City of Ellensburg
 Schedule of Employer Contributions
 Pension Plans, PERS 1; PERS 2; LEOFF 1; LEOFF 2
 As of December 31 2015
 Last 10 Fiscal Years*

	<u>2015</u>
PERS 1	
Statutorily or contractually required contributions	\$ 161,736
Contributions in relation to the statutorily or contractually required contributions	\$ (161,736)
Contribution deficiency (excess)	<u>0</u>
Covered employer payroll	\$ 186,682
Contributions as a percentage of covered employee payroll	% 86.64%
	<u>2015</u>
PERS 2 & 3	
Statutorily or contractually required contributions	\$ 430,526
Contributions in relation to the statutorily or contractually required contributions	\$ (430,526)
Contribution deficiency (excess)	<u>0</u>
Covered employer payroll	\$ 7,600,570
Contributions as a percentage of covered employee payroll	% 5.66%
	<u>2015</u>
LEOFF 1	
Statutorily or contractually required contributions	\$ 0
Contributions in relation to the statutorily or contractually required contributions	\$ 0
Contribution deficiency (excess)	<u>0</u>
Covered employer payroll	\$ 0
Contributions as a percentage of covered employee payroll	% 0.00%
	<u>2015</u>
LEOFF 2	
Statutorily or contractually required contributions	\$ 106,850
Contributions in relation to the statutorily or contractually required contributions	\$ (106,850)
Contribution deficiency (excess)	<u>0</u>
Covered employer payroll	\$ 2,115,847
Contributions as a percentage of covered employee payroll	% 5.05%

* Until a full 10-year trend is compiled, governments should present information only for those years for which information is available.