Item No. 6

Town of Atherton

FINANCE COMMITTEE – REGULAR AGENDA

TO: ATHERTON FINANCE COMMITTEE
GEORGE RODERICKS, CITY MANAGER

FROM: ROBERT BARRON III, FINANCE DIRECTOR

DATE: JULY 23, 2013

SUBJECT: REVIEW, DISCUSS, AND RECOMMENDATION TO THE CITY COUNCIL ALTERNATIVES FOR CONSIDERATION WITH REGARD TO THE TOWN'S ANNUAL BUDGET RESERVE POLICY

RECOMMENDATION

Review, Discuss and Recommend to the City Council alternatives for consideration with regard to the Town's Annual Budget Reserve Policy with regard to:

- Pension and Other Post-Employment Benefit (OPEB) Liabilities
- Contributions Toward Capital Projects
- Town Reserve Policy

BACKGROUND

With the adoption of the FY 2013-14 Budget, the Town's General Fund has a projected year-end balance of $9.2 million. The Town's current General Fund Reserve Policy (attached) requires a 15% set aside of the annual General Fund operating expenditures for emergency contingencies. The Reserve Policy also establishes an *unassigned fund balance requirement* of 20% of annual operating expenditures. The Town also has a Building Department Contingency for operations of the Department for transition. For FY 2013-14, staff also included a reserve for payment of OPEB liabilities beyond the minimum annual required contribution (ARC).

Category	Amount
15% Emergency Reserve	$1,567,645
20% Unassigned Reserve	$2,090,194
Building Department Contingency	$411,802

Category	Amount
OPEB Reserve	$252,430

The FY 2013-14 Budget also projects that beyond the required policy set asides, there remains an unallocated General Fund balance of $4,895,238 at year-end. As discussed during the budget process with the Finance Committee and City Council, the FY 2013-14 Budget Transmittal Letter from the City Manager articulates three possible options for that unallocated balance.

- Pay down Pension and Other Post Employment Benefit (OPEB) Liabilities
- Increase the mandatory reserve policy
- Contribute toward Capital Projects

Financial Stability is a key core strategy for the Town of Atherton and includes maintaining fiscal resources for continued Town operations and future capital improvements, as well as reduction of any of the Town's long-term liabilities. The City Council assigned to the Audit/Finance Committee the task of developing a recommendation on a Town policy for Council consideration on funding long-term liabilities.

<u>Pension and OPEB Liabilities</u>

The Town's long-term liabilities are retirement (CALPERS) and post-employment benefits (OPEB-health retiree benefits). The Town is currently "pay as you go" for CALPERS and OPEB benefits contributing only the minimum ARC. Any proposed funding policy would need to work in conjunction with the Town's balanced budget and sustainable resources. The objective is to identify alternative funding and/or payment options to reduce these long-term liabilities by creating a funding plan to contribute to an internal reserve for CALPERS and OPEB obligations.

The Town can create an *internal service fund* to which we would contribute a required set aside each year toward the payment of any identified long-term liability. That amount can be based on a percentage of established operational reserves, net positive year-end general fund overage, and/or any other logical methodology.

The current unfunded actuarial liability for OPEB is $6.6 million with a projected 26-year funding horizon. The Town's ARC is $582,525. A recent OPEB actuarial study revealed a reduction in our annual required contribution. The Committee could consider recommending a shorter funding horizon and pay down the liability sooner.

The Town's CalPERS pension obligation has been fully funded. The Town does not have an *unfunded pension side fund* through CalPERS. However, CalPERS could modify its discount rate and as a result, increase employer contribution rates. CalPERS may begin using the Market Value of Assets (MVA) versus the Actuarial Value of Assets (AVA) in determining an individual agency plan funded status. Atherton's Market Value of Assets sets our pension funding status at about 85%. Any Committee recommendation should coincide with potential changes in the Town's employer contribution rate. Staff is working to perform an analysis on CalPERS' long- term liability and funding plan. The Committee could recommend that the Town establish an *internal service fund* to help weather any changes in the employer discount rate(s) by CalPERS.

Reserve Policy

The Committee may also wish to recommend a modification to the Town's adopted Reserve Policy. A copy of the policy is attached for your reference. The Policy sets an overall reserve requirement of 35%.

The Reserve is divided into an operational reserve and an emergency reserve. Changes to either percentage would provide the Town with greater short-term financial stability should any major revenue source be eliminated.

Capital Projects

The third option for consideration for use of unallocated General Fund Balance is the possible allocation of these General Fund resources toward capital projects. The allocation of funds can help accelerate the completion of needed capital projects. A recommendation could include allocating a certain amount or percentage toward capital projects.

It is recommended that the Finance Committee take time to evaluate and research these options. The committee may recommend a combination of these options for applied use of the unallocated General Fund balance. Recommendations may not be immediately reached. This Report is intended to begin the discussion.

At the July 17 City Council Meeting, the Council directed staff to return at the August meeting with a potential budget amendment to address a payment toward the Town's OPEB liability for the 2013-14 Fiscal Year.

Recommendations from the Finance Committee are likely to be applied to FY 2014-15.

FISCAL IMPACT

None.

Prepared by:	Approved by:
Robert Barron III, Finance Director	George Rodericks, City Manager

ATTACHMENT(S)

Fund Balance Policy for the General Fund
CALPERS Actuarial Valuations as of June 30, 2011
Actuarial Valuation OPEB

Town of Atherton
Fund Balance Policy for the General Fund
Exhibit A

Purpose

To help the Town of Atherton provide quick response to weather economic uncertainty and unexpected situations such as natural disasters. The policy establishes the appropriate level of fund balance which the Town will strive to maintain in its General Fund and the conditions under which fund balance can be used.

For purposes of this Policy, the definition of "fund balance" is limited to the portion of fund balance that is not nonspendable and not restricted.

1. Committed Fund Balance

Emergency Disaster - the City Council's formal commitment to set aside 15 percent (15%) of the actual annual General Fund operating expenditures specifically for emergency contingencies defined as a state or federal state of emergency or declaration of a local emergency as defined in the Atherton's Municipal Code Section 2.44.010. The specificity is required in GASB 54.

Formal action by City Council is required to remove establish, modify, or rescind a fund balance commitment.

2. Assigned Fund Balance

Excess General Fund revenues over expenditures or one-time revenues can be assigned by City Council for:

- Emergency disaster
- Self-insurance reserve or other unfunded liabilities
- Capital improvement projects

The City Manager is authorized to assign amounts where the government's intent is to use the funds for specific purposes.

3. Unassigned Fund Balance

The City Manager is authorized to make recommendations to the City Council for use of unassigned fund balance. A majority vote of the City Council will be required to use unassigned fund balance. Any recommendation shall be accompanied by a proposal for the replenishment of the unassigned fund balance to the City Council.

In no circumstances shall the total General Fund unassigned fund balance drop below 20% of the Town's actual annual operating expenditures for the General Fund.

4. Fund Balance Classification Policies and Procedures

If expenditure is incurred for purposes for which both restricted and unrestricted fund balance is available, the Town shall reduce restricted amount first and then in the order of committed amounts, assigned amounts, unassigned amounts.

California Public Employees' Retirement System
Actuarial Office
P.O. Box 942701
Sacramento, CA 94229-2701
TTY: (916) 795-3240
(888) 225-7377 phone · (916) 795-2744 fax
www.calpers.ca.gov

October 2012

SAFETY PLAN OF THE TOWN OF ATHERTON (CalPERS ID 1382390535)
Annual Valuation Report as of June 30, 2011

Dear Employer,

As an attachment to this letter, you will find a copy of Section 1 of the June 30, 2011 actuarial valuation report of your pension plan. Since your plan had less than 100 active members in at least one valuation since June 30, 2003, it is required to participate in a risk pool. The valuation report is divided into two Sections:

- Section 1 contains specific information for your plan, including the development of your pooled employer contribution rate, and
- Section 2 contains the Risk Pool Actuarial Valuation appropriate to your plan, as of June 30, 2011.

Section 2 may be found on the CalPERS website (www.calpers.ca.gov) then selecting Employers >Actuarial & GASB 27 Information >Risk Pooling >Risk Pool Annual Valuation Report, or at the following address: http://ow.ly/eNpMg.

This report contains important actuarial information about your pension plan at CalPERS. Your CalPERS staff actuary is available to discuss the report with you.

Changes Since the Prior Valuation

The CalPERS' Board of Administration adopted updated actuarial assumptions to be used beginning with the June 30, 2011 valuation. The inflation rate changed from 3% to 2.75% and the discount rate changed from 7.75% to 7.5%. In addition, a temporary modification to our method of determining the actuarial value of assets and amortizing gains and losses was implemented for the valuations as of June 30, 2009 through June 30, 2011. The effect of those modifications continues in this valuation.

There may also be changes specific to your plan such as contract amendments and funding changes.

Future Contribution Rates

The exhibit below displays the required employer contribution rate and Superfunded status for 2013/2014 along with an estimate of the contribution rate and Superfunded status for 2014/2015. The estimated rate for 2014/2015 is based on a projection of the most recent information we have available, including an estimate of the investment return for fiscal 2011/2012, namely 0%. See Section 2 Appendix E, "Analysis of Future Investment Return Scenarios", for how much the Risk Pool's portion of your rate is expected to increase in 2015/2016 rate projections under a variety of investment return scenarios for the Risk Pool's portion of your rate. Please disregard any projections that we may have provided to you in the past.

Fiscal Year	Employer Contribution Rate	Superfunded?
2013/2014	27.877%	No
2014/2015	29.7% (projected)	No

Member contributions (whether paid by the employer or the employee) are in addition to the above rates. Further, these rates do not reflect any cost sharing.

The estimate for 2014/2015 assumes that there are no future amendments and no liability gains or losses (such as larger than expected pay increases, more retirements than expected, etc.). This is a very important assumption because these gains and losses do occur and can have a significant effect on your contribution rate. Even for the largest plans, such gains and losses can impact the employer's contribution rate by one or two percent or even more in some less common instances. These gains and losses cannot be predicted in advance so the projected employer contribution rate for 2014/2015 is just an estimate. Your actual rate for 2014/2015 will be provided in next year's report.

California Actuarial Advisory Panel Recommendations

The report satisfies all basic disclosure requirements under the Model Disclosure Elements for Actuarial Valuation Reports recommended by the California Actuarial Advisory Panel, except for the original base amounts of the unfunded liability amortization.

The report gives the following additional information classified as enhanced risk disclosures under the Model Disclosure Elements for Actuarial Valuation Reports recommended by the California Actuarial Advisory Panel:

- "Deterministic stress test", projecting future results under different investment income scenarios. (See Appendix E's Analysis of Future Investment Return Scenarios, from Section 2 of this report.)
- "Sensitivity analysis", showing the impact on current valuation results of a plus or minus 1% change in the discount rate. (See Appendix E's Analysis of Discount Rate Sensitivity, from Section 2 of this report.)

We are very busy preparing actuarial valuations for other public agencies and expect to complete all such valuations by the end of October. We understand that you might have a number of questions about these results. While we are very interested in discussing these results with your agency, in the interest of allowing us to give every public agency their result, we ask that, if at all possible, you wait until after October 31 to contact us with questions. If you have questions, please call (888) CalPERS (225-7377).

Sincerely,

Alan Milligan

ALAN MILLIGAN,
Chief Actuary

CalPERS

ACTUARIAL VALUATION

as of June 30, 2011

for the
SAFETY PLAN
of the
TOWN OF ATHERTON

(CalPERS ID 1382390535)

REQUIRED CONTRIBUTIONS
FOR FISCAL YEAR
July 1, 2013 - June 30, 2014

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Section 1

Plan Specific Information for the SAFETY PLAN of the TOWN OF ATHERTON

(CalPERS ID 1382390535)
(Rate Plan # 65)

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SECTION 1 – PLAN SPECIFIC INFORMATION FOR THE SAFETY PLAN OF THE TOWN OF ATHERTON

ACTUARIAL CERTIFICATION

Section 1 of this report is based on the member and financial data contained in our records as of June 30, 2011 which was provided by your agency and the benefit provisions under your contract with CalPERS. Section 2 of this report is based on the member and financial data as of June 30, 2011 provided by employers participating in the risk pool to which your plan belongs and benefit provisions under the CalPERS contracts for those agencies.

As set forth in Section 2 of this report, the Pool Actuary has certified that, in her opinion, the valuation of the Risk Pool containing your SAFETY PLAN has been performed in accordance with generally accepted actuarial principles consistent with standards of practice prescribed by the Actuarial Standards Board, and that the assumptions and methods are internally consistent and reasonable for the Risk Pool, as prescribed by the CalPERS Board of Administration according to provisions set forth in the California Public Employees' Retirement Law.

Having relied upon the information set forth in Section 2 of this report and based on the census and benefit provision information for your plan, it is my opinion as your Plan Actuary that the Side Fund as of June 30, 2011 and employer contribution rate as of July 1, 2013, have been properly and accurately determined in accordance with the principles and standards stated above.

The undersigned is an actuary for CalPERS, who is a member of both the American Academy of Actuaries and Society of Actuaries and meets the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion contained herein.

David DuBois

DAVID DU BOIS, FSA
Senior Pension Actuary, CalPERS
Plan Actuary

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HIGHLIGHTS AND EXECUTIVE SUMMARY

Purpose of Section 1

This section 1 report for the SAFETY PLAN of the TOWN OF ATHERTON of the California Public Employees' Retirement System (CalPERS) was prepared by the Plan Actuary in order to:

- set forth the actuarial assets and accrued liabilities of this plan as of June 30, 2011;
- determine the required employer contribution rate for this plan for the fiscal year July 1, 2013 through June 30, 2014;
- provide actuarial information as of June 30, 2011 to the CalPERS Board of Administration and other interested parties; and
- provide pension information as of June 30, 2011 to be used in financial reports subject to Governmental Accounting Standards Board (GASB) Statement Number 27 for a Cost Sharing Multiple Employer Defined Benefit Pension Plan.

The use of this report for any other purposes may be inappropriate. In particular, this report does not contain information applicable to alternative benefit costs. The employer should contact their actuary before disseminating any portion of this report for any reason that is not explicitly described above.

Required Employer Contributions

		Fiscal Year 2012/2013		Fiscal Year 2013/2014
Employer Contribution Required (in Projected Dollars)				
Risk Pool's Net Employer Normal Cost	$	352,884	$	377,786
Risk Pool's Payment on Amortization Bases		131,700		156,318
Surcharge for Class 1 Benefits				
a) FAC 1		20,975		20,818
b) PRSA		34,992		36,671
Phase out of Normal Cost Difference		0		0
Amortization of Side Fund		276,311		0
Total Employer Contribution	$	816,862	$	591,593
Employee Cost Sharing		N/A		0
Net Employer Contribution		N/A		591,593
Annual Lump Sum Prepayment Option*	$	786,937	$	570,583
Projected Payroll for the Contribution Fiscal Year	$	2,046,298	$	2,122,153
Employer Contribution Required (Percentage of Payroll)				
Risk Pool's Net Employer Normal Cost		17.245%		17.802%
Risk Pool's Payment on Amortization Bases		6.436%		7.366%
Surcharge for Class 1 Benefits				
a) FAC 1		1.025%		0.981%
b) PRSA		1.710%		1.728%
Phase out of Normal Cost Difference		0.000%		0.000%
Amortization of Side Fund		13.503%		0.000%
Total Employer Contribution		39.919%		27.877%
Employee Cost Sharing		N/A		(0.000%)
Net Employer Contribution		N/A		27.877%

Appendix C of Section 2 of this report contains a list of Class 1 benefits and corresponding surcharges for each benefit.

Risk pooling was implemented as of June 30, 2003. The normal cost difference is scheduled to be phased out over a five year period. The phase out of normal cost difference is 100% for the first year of pooling, and is incrementally reduced by 20% of the original normal cost difference for each subsequent year.

*Payment must be received by CalPERS before the first payroll reported to CalPERS of the new fiscal year and after June 30.

Plan's Funded Status

	June 30, 2010	June 30, 2011
1. Present Value of Projected Benefits (PVB)	N/A	$ 33,540,817
2. Entry Age Normal Accrued Liability	N/A	28,919,573
3. Plan's Actuarial Value of Assets (AVA)	N/A	$ 24,306,400
4. Unfunded Liability (AVA Basis) [(2) - (3)]	N/A	$ 4,613,173
5. Funded Ratio (AVA Basis) [(3) / (2)]	N/A	84.1%
6. Plan's Market Value of Assets (MVA)	N/A	$ 21,722,502
7. Unfunded Liability (MVA Basis) [(2) - (6)]	N/A	7,197,071
8. Funded Ratio (MVA Basis) [(6) / (2)]	N/A	75.1%

Superfunded Status

	June 30, 2010	June 30, 2011
Is the plan Superfunded? [Yes if AVA exceeds PVB, No otherwise]	No	No

Projected Contributions

The rate shown below is an estimate for the employer contribution for Fiscal Year 2014/2015. The estimated rate is based on a projection of the most recent information we have available, including an estimate of the investment return for fiscal year 2011/2012, namely 0%:

Projected Employer Contribution Rate: 29.7%

The estimate also assumes that there are no liability gains or losses among the plans in your risk pool, that your plan has no new amendments in the next year, and that your plan's and your risk pool's payrolls both increase exactly 3.0% in the 2011/2012 fiscal year. Therefore, the projected employer contribution rate for 2014/2015 is just an estimate. Your actual rate for 2014/2015 will be provided in next year's report.

Rate Volatility

Your plan's employer contribution rate will inevitably fluctuate, for many reasons. However, the biggest fluctuations are generally due to changes in the side fund rate resulting from unexpected changes in payroll. The following figure shows how much your 2014/2015 side fund rate would change for each 1% deviation between our 3.0% payroll growth assumption and your actual 2011/2012 payroll growth.

POTENTIAL 2014/2015 RATE IMPACT
FROM 2011/2012 PAYROLL DEVIATION

% Rate Change per 1% Deviation from Assumed 3.0% Payroll Growth:	0.000%

Examples: To see how your employer contribution rate might be affected by unexpected payroll change, suppose the following:

- The % Rate Change per 1% Deviation figure given above is -0.400%
- Your plan's payroll increased 10% in 2011/2012 (7.0% more than our 3.0% assumption).

Then your 2014/2015 rate would decrease -0.400% x (10 – 3.0) = -2.80% from that cause alone.

Or conversely, using the same % Rate Change per 1% Deviation figure given above, suppose your plan's payroll remained the same in 2011/2012 (3.0% less than our 3.0% assumption).

Then your 2014/2015 rate would increase -0.400% x (0 – 3.0) = 1.2% from that cause alone.

Note that if your plan had a negative side fund, an unexpected payroll increase would spread the payback of the negative side fund over a bigger payroll, which would decrease your plan's side fund percentage rate and the total employer contribution rate. On the other hand, if your plan had a positive side fund, an unexpected payroll increase would spread the payback of the positive side fund over a larger payroll, which would increase your plan's side fund percentage rate and the total employer contribution rate. In either case, the amortization of Side Fund dollar amount would not change.

SUMMARY OF FINANCIAL AND DEMOGRAPHIC INFORMATION

Plan's Side Fund

At the time your plan joined the Risk Pool, a side fund was created to account for the difference between the funded status of the pool and the funded status of your plan, in addition to your existing unfunded liability. The side fund for your plan as of the June 30, 2011 valuation is shown in the following table.

Your side fund will be credited, on an annual basis, with the actuarial investment return assumption. This assumption is 7.75% prior to July 1, 2012 and 7.5% after June 30, 2012. A positive side fund will cause your required employer contribution rate to be reduced by the Amortization of Side Fund shown above in Required Employer Contributions. A negative side fund will cause your required employer contribution rate to be increased by the Amortization of Side Fund. In the absence of subsequent contract amendments or funding changes, the side fund will disappear at the end of the amortization period shown below.

Plan's Side Fund Reconciliation

	June 30, 2010	June 30, 2011
Side Fund as of valuation date*	$ (1,543,496)	$ (1,394,071)
Adjustments	0	1,179,469
Side Fund Payment	259,190	267,614
Side Fund one year later	$ (1,394,071)	$ 0
Adjustments	0	0
Side Fund Payment	267,614	0
Side Fund two years later	$ (1,224,321)	$ 0
Amortization Period	5	4
Side Fund Payment during last year	$ 276,311	$ 0

* If your agency employed superfunded vouchers in fiscal year 2010/2011 to pay employee contributions, the June 30, 2011 Side Fund amount has been adjusted by a like amount without any further adjustment to the Side Fund's amortization period. Similarly, the Side Fund has been adjusted for the increase in liability from any recently adopted Class 1 or Class 2 contract amendments. Also, the Side Fund may be adjusted or eliminated due to recent lump sum payments. Contract amendments and lump sum payments may result in an adjustment to the Side Fund amortization period.

Development of the Actuarial Value of Assets

		June 30, 2011
1. Plan's Accrued Liability	$	28,919,573
2. Plan's Side Fund		(1,394,071)
3. Pool's Accrued Liability		10,951,745,049
4. Pool's Side Fund		(606,178,725)
5. Pool's Actuarial Value of Assets Including Receivables		9,135,654,246
6. Plan's Actuarial Value of Assets (AVA) Including Receivables [(1 + 2) / (3 + 4) x 5]	$	24,306,400
7. Pool's Market Value of Assets (MVA) Including Receivables		8,164,486,471
8. Plan's Market Value of Assets (MVA) Including Receivables [(1 + 2) / (3 + 4) x 7]	$	21,722,502

Funding History

The Funding History below shows the actuarial accrued liability, the actuarial value of assets, the market value of assets, funded ratios and the annual covered payroll. The actuarial value of assets is used to establish funding requirements and the funded ratio on this basis represents the progress toward fully funding future benefits for current plan participants. The funded ratio based on the market value of assets is an indicator of the short-term solvency of the plan.

Valuation Date	Accrued Liability	Actuarial Value of Assets (AVA)	Market Value of Assets (MVA)	Funded Ratio AVA	Funded Ratio MVA	Annual Covered Payroll
06/30/11	$ 28,919,573	$ 24,306,400	$ 21,722,502	84.1%	75.1%	$ 1,942,071

Plan's Total Normal Cost Rate

The Public Employees' Pension Reform Act of 2013 requires that new employees pay at least 50% of the total annual normal cost and that current employees approach the same goal through collective bargaining. Please refer to the CalPERS website for more details.

Shown below is the total annual normal cost rate for your plan. Note that this rate is for current members only.

	Fiscal Year 2012/2013	Fiscal Year 2013/2014
Pool's Net Total Normal Cost Rate	N/A	26.786%
Surcharge for Class 1 Benefits		
a) FAC 1	N/A	0.981%
b) PRSA	N/A	1.728%
Plan's Total Normal Cost Rate	N/A	29.495%

Hypothetical Termination Liability

In August 2011, the CalPERS Board adopted an investment policy and asset allocation strategy that more closely reflects expected benefit payments of the Terminated Agency Pool. With this change, CalPERS increased benefit security for members while limiting its funding risk.

The table below shows the hypothetical termination liability, the market value of assets, the unfunded termination liability and the termination funded ratio. The assumptions used, including the discount rate, are stated in Appendix A and take into account the yields available in the US Treasury market on the valuation date and the mortality load for contingencies. The discount rate is duration weighted and is not necessarily the rate that would be used for this plan if it were to terminate. The discount rate for this plan's termination liability would depend on the duration of the liabilities of this plan. For purposes of this estimate, the discount rate of 4.82% is based on the June 30, 2011 30-year US Treasury Stripped Coupon Rate. Please note, as of June 30, 2012 the 30-year US Treasury Stripped Coupon Rate was 2.87%.

Valuation Date	Hypothetical Termination Liability	Market Value of Assets (MVA)	Unfunded Termination Liability	Termination Funded Ratio	Discount Rate
06/30/11	$ 44,271,085	$ 21,722,502	$ 22,548,583	49.1%	4.82%

Summary of Participant Data

The table below shows a summary of your plan's member data upon which this valuation is based:

	June 30, 2010	June 30, 2011
Projected Payroll for Contribution Purposes	$ 2,046,298	$ 2,122,153
Number of Members		
Active	18	17
Transferred	18	18
Separated	6	7
Retired	48	46

List of Class 1 Benefit Provisions

- One Year Final Compensation
- Post-Retirement Survivor Allowance

Information for Compliance with GASB Statement No. 27 for Cost-Sharing Multiple-Employer Defined Benefit Plan

Your plan is part of the Safety 3.0% at 50 Risk Pool, a cost-sharing multiple-employer defined benefit plan. Under GASB 27, an employer should recognize annual pension expenditures/expense equal to its contractually required contributions to the plan. Pension liabilities and assets result from the difference between contributions required and contributions made. The contractually required contribution for the period July 1, 2013 to June 30, 2014 has been determined by an actuarial valuation of the plan as of June 30, 2011. Your unadjusted contribution rate for the indicated period is 27.877% of payroll. In order to calculate the dollar value of the contractually required contributions for inclusion in financial statements prepared as of June 30, 2014, this contribution rate, less any employee cost sharing, and as modified by any subsequent financing changes or contract amendments for the year, would be multiplied by the payroll of covered employees that was actually paid during the period July 1, 2013 to June 30, 2014. However, if this contribution is fully prepaid in a lump sum, then the dollar value of contractually required contributions is equal to the lump sum prepayment. The employer and the employer's auditor are responsible for determining the contractually required contributions. Further, the required contributions in dollars and the percentage of that amount contributed for the current year and each of the two preceding years is to be disclosed under GASB 27.

A summary of principal assumptions and methods used to determine the contractually required contributions is shown below for the cost-sharing multiple-employer defined benefit plan.

Valuation Date	June 30, 2011
Actuarial Cost Method	Entry Age Normal Cost Method
Amortization Method	Level Percent of Payroll
Average Remaining Period	21 Years as of the Valuation Date
Asset Valuation Method	15 Year Smoothed Market
Actuarial Assumptions	
Discount Rate	7.50% (net of administrative expenses)
Projected Salary Increases	3.30% to 14.20% depending on Age, Service, and type of employment
Inflation	2.75%
Payroll Growth	3.00%
Individual Salary Growth	A merit scale varying by duration of employment coupled with an assumed annual inflation growth of 2.75% and an annual production growth of 0.25%.

Complete information on assumptions and methods is provided in Appendix A of Section 2 of the report. Appendix B of Section 2 of the report contains a description of benefits included in the Risk Pool Actuarial Valuation.

A Schedule of Funding for the Risk Pool's actuarial value of assets, accrued liability, their relationship, and the relationship of the unfunded liability (UL) to payroll for the risk pool(s) to which your plan belongs can be found in Section 2 of the report.

Summary of Plan's Major Benefit Options

Shown below is a summary of the major optional benefits for which your agency has contracted. A description of principal standard and optional plan provisions is in Appendix B within Section 2 of this report.

	Coverage Group		
	75002	75001*	
Benefit Provision			
Benefit Formula	3.0% @ 50	3.0% @ 50	
Social Security Coverage	no	no	
Full/Modified	full	full	
Final Average Compensation Period	12 mos.	12 mos.	
Sick Leave Credit	yes	yes	
Non-Industrial Disability	standard	standard	
Industrial Disability	yes	yes	
Pre-Retirement Death Benefits			
Optional Settlement 2W	yes	yes	
1959 Survivor Benefit Level	level 3	level 3	
Special	yes	yes	
Alternate (firefighters)	no	no	
Post-Retirement Death Benefits			
Lump Sum	$500	$500	
Survivor Allowance (PRSA)	yes	yes	
COLA	2%	2%	
Employee Contributions			
Contractual employer paid	no	no	

*Inactive Coverage Group

Section 2

Section 2 may be found on the CalPERS website (www.calpers.ca.gov) then selecting:

- **Employers**
- **Actuarial & GASB 27 Information**
- **Risk Pooling**
- **Risk Pool Annual Valuation Report**

Or at the following address: http://ow.ly/eNpMg

California Public Employees' Retirement System
Actuarial Office
P.O. Box 942701
Sacramento, CA 94229-2701
TTY: (916) 795-3240
(888) 225-7377 phone · (916) 795-2744 fax
www.calpers.ca.gov

October 2012

MISCELLANEOUS PLAN OF THE TOWN OF ATHERTON (CalPERS ID 1382390535)
Annual Valuation Report as of June 30, 2011

Dear Employer,

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Section 2 may be found on the CalPERS website (www.calpers.ca.gov) then selecting Employers >Actuarial & GASB 27 Information >Risk Pooling >Risk Pool Annual Valuation Report, or at the following address: http://ow.ly/eNpMg.

This report contains important actuarial information about your pension plan at CalPERS. Your CalPERS staff actuary is available to discuss the report with you.

Changes Since the Prior Valuation

The CalPERS' Board of Administration adopted updated actuarial assumptions to be used beginning with the June 30, 2011 valuation. The inflation rate changed from 3% to 2.75% and the discount rate changed from 7.75% to 7.5%. In addition, a temporary modification to our method of determining the actuarial value of assets and amortizing gains and losses was implemented for the valuations as of June 30, 2009 through June 30, 2011. The effect of those modifications continues in this valuation.

There may also be changes specific to your plan such as contract amendments and funding changes.

Future Contribution Rates

The exhibit below displays the required employer contribution rate and Superfunded status for 2013/2014 along with an estimate of the contribution rate and Superfunded status for 2014/2015. The estimated rate for 2014/2015 is based on a projection of the most recent information we have available, including an estimate of the investment return for fiscal 2011/2012, namely 0%. See Section 2 Appendix E, "Analysis of Future Investment Return Scenarios", for how much the Risk Pool's portion of your rate is expected to increase in 2015/2016 rate projections under a variety of investment return scenarios for the Risk Pool's portion of your rate. Please disregard any projections that we may have provided to you in the past.

Fiscal Year	Employer Contribution Rate	Superfunded?
2013/2014	15.844%	No
2014/2015	16.7% (projected)	No

Member contributions (whether paid by the employer or the employee) are in addition to the above rates. Further, these rates do not reflect any cost sharing.

The estimate for 2014/2015 assumes that there are no future amendments and no liability gains or losses (such as larger than expected pay increases, more retirements than expected, etc.). This is a very important assumption because these gains and losses do occur and can have a significant effect on your contribution rate. Even for the largest plans, such gains and losses can impact the employer's contribution rate by one or two percent or even more in some less common instances. These gains and losses cannot be predicted in advance so the projected employer contribution rate for 2014/2015 is just an estimate. Your actual rate for 2014/2015 will be provided in next year's report.

California Actuarial Advisory Panel Recommendations

The report satisfies all basic disclosure requirements under the Model Disclosure Elements for Actuarial Valuation Reports recommended by the California Actuarial Advisory Panel, except for the original base amounts of the unfunded liability amortization.

The report gives the following additional information classified as enhanced risk disclosures under the Model Disclosure Elements for Actuarial Valuation Reports recommended by the California Actuarial Advisory Panel:

- "Deterministic stress test", projecting future results under different investment income scenarios. (See Appendix E's Analysis of Future Investment Return Scenarios, from Section 2 of this report.)
- "Sensitivity analysis", showing the impact on current valuation results of a plus or minus 1% change in the discount rate. (See Appendix E's Analysis of Discount Rate Sensitivity, from Section 2 of this report.)

We are very busy preparing actuarial valuations for other public agencies and expect to complete all such valuations by the end of October. We understand that you might have a number of questions about these results. While we are very interested in discussing these results with your agency, in the interest of allowing us to give every public agency their result, we ask that, if at all possible, you wait until after October 31 to contact us with questions. If you have questions, please call (888) CalPERS (225-7377).

Sincerely,

ALAN MILLIGAN,
Chief Actuary

CalPERS

ACTUARIAL VALUATION

as of June 30, 2011

for the MISCELLANEOUS PLAN of the TOWN OF ATHERTON

(CalPERS ID 1382390535)

REQUIRED CONTRIBUTIONS FOR FISCAL YEAR July 1, 2013 - June 30, 2014

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Section 1

Plan Specific Information for the MISCELLANEOUS PLAN of the TOWN OF ATHERTON

(CalPERS ID 1382390535)
(Rate Plan # 64)

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ACTUARIAL CERTIFICATION

Section 1 of this report is based on the member and financial data contained in our records as of June 30, 2011 which was provided by your agency and the benefit provisions under your contract with CalPERS. Section 2 of this report is based on the member and financial data as of June 30, 2011 provided by employers participating in the risk pool to which your plan belongs and benefit provisions under the CalPERS contracts for those agencies.

As set forth in Section 2 of this report, the Pool Actuary has certified that, in her opinion, the valuation of the Risk Pool containing your MISCELLANEOUS PLAN has been performed in accordance with generally accepted actuarial principles consistent with standards of practice prescribed by the Actuarial Standards Board, and that the assumptions and methods are internally consistent and reasonable for the Risk Pool, as prescribed by the CalPERS Board of Administration according to provisions set forth in the California Public Employees' Retirement Law.

Having relied upon the information set forth in Section 2 of this report and based on the census and benefit provision information for your plan, it is my opinion as your Plan Actuary that the Side Fund as of June 30, 2011 and employer contribution rate as of July 1, 2013, have been properly and accurately determined in accordance with the principles and standards stated above.

The undersigned is an actuary for CalPERS, who is a member of both the American Academy of Actuaries and Society of Actuaries and meets the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion contained herein.

David DuBois

DAVID DU BOIS, FSA
Senior Pension Actuary, CalPERS
Plan Actuary

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HIGHLIGHTS AND EXECUTIVE SUMMARY

Purpose of Section 1

This section 1 report for the MISCELLANEOUS PLAN of the TOWN OF ATHERTON of the California Public Employees' Retirement System (CalPERS) was prepared by the Plan Actuary in order to:

- set forth the actuarial assets and accrued liabilities of this plan as of June 30, 2011;
- determine the required employer contribution rate for this plan for the fiscal year July 1, 2013 through June 30, 2014;
- provide actuarial information as of June 30, 2011 to the CalPERS Board of Administration and other interested parties; and
- provide pension information as of June 30, 2011 to be used in financial reports subject to Governmental Accounting Standards Board (GASB) Statement Number 27 for a Cost Sharing Multiple Employer Defined Benefit Pension Plan.

The use of this report for any other purposes may be inappropriate. In particular, this report does not contain information applicable to alternative benefit costs. The employer should contact their actuary before disseminating any portion of this report for any reason that is not explicitly described above.

Required Employer Contributions

		Fiscal Year 2012/2013		Fiscal Year 2013/2014
Employer Contribution Required (in Projected Dollars)				
Risk Pool's Net Employer Normal Cost	$	239,175	$	184,598
Risk Pool's Payment on Amortization Bases		61,838		51,124
Surcharge for Class 1 Benefits				
a) PRSA		24,847		18,845
Phase out of Normal Cost Difference		0		0
Amortization of Side Fund		105,598		108,661
Total Employer Contribution	$	431,458	$	363,228
Employee Cost Sharing		N/A		0
Net Employer Contribution		N/A		363,228
Annual Lump Sum Prepayment Option*	$	415,652	$	350,328
Projected Payroll for the Contribution Fiscal Year	$	3,098,116	$	2,292,568
Employer Contribution Required (Percentage of Payroll)				
Risk Pool's Net Employer Normal Cost		7.720%		8.052%
Risk Pool's Payment on Amortization Bases		1.996%		2.230%
Surcharge for Class 1 Benefits				
a) PRSA		0.802%		0.822%
Phase out of Normal Cost Difference		0.000%		0.000%
Amortization of Side Fund		3.408%		4.740%
Total Employer Contribution		13.926%		15.844%
Employee Cost Sharing		N/A		(0.000%)
Net Employer Contribution		N/A		15.844%

Appendix C of Section 2 of this report contains a list of Class 1 benefits and corresponding surcharges for each benefit.

Risk pooling was implemented as of June 30, 2003. The normal cost difference is scheduled to be phased out over a five year period. The phase out of normal cost difference is 100% for the first year of pooling, and is incrementally reduced by 20% of the original normal cost difference for each subsequent year.

*Payment must be received by CalPERS before the first payroll reported to CalPERS of the new fiscal year and after June 30.

Plan's Funded Status

	June 30, 2010		June 30, 2011
1. Present Value of Projected Benefits (PVB)	N/A	$	16,920,109
2. Entry Age Normal Accrued Liability	N/A		14,126,030
3. Plan's Actuarial Value of Assets (AVA)	N/A	$	12,225,847
4. Unfunded Liability (AVA Basis) [(2) - (3)]	N/A	$	1,900,183
5. Funded Ratio (AVA Basis) [(3) / (2)]	N/A		86.6%
6. Plan's Market Value of Assets (MVA)	N/A	$	10,943,760
7. Unfunded Liability (MVA Basis) [(2) - (6)]	N/A		3,182,270
8. Funded Ratio (MVA Basis) [(6) / (2)]	N/A		77.5%

Superfunded Status

	June 30, 2010	June 30, 2011
Is the plan Superfunded? [Yes if AVA exceeds PVB, No otherwise]	No	No

Projected Contributions

The rate shown below is an estimate for the employer contribution for Fiscal Year 2014/2015. The estimated rate is based on a projection of the most recent information we have available, including an estimate of the investment return for fiscal year 2011/2012, namely 0%:

Projected Employer Contribution Rate:	16.7%

The estimate also assumes that there are no liability gains or losses among the plans in your risk pool, that your plan has no new amendments in the next year, and that your plan's and your risk pool's payrolls both increase exactly 3.0% in the 2011/2012 fiscal year. Therefore, the projected employer contribution rate for 2014/2015 is just an estimate. Your actual rate for 2014/2015 will be provided in next year's report.

Rate Volatility

Your plan's employer contribution rate will inevitably fluctuate, for many reasons. However, the biggest fluctuations are generally due to changes in the side fund rate resulting from unexpected changes in payroll. The following figure shows how much your 2014/2015 side fund rate would change for each 1% deviation between our 3.0% payroll growth assumption and your actual 2011/2012 payroll growth.

POTENTIAL 2014/2015 RATE IMPACT
FROM 2011/2012 PAYROLL DEVIATION

% Rate Change per 1% Deviation from Assumed 3.0% Payroll Growth:	(0.045%)

Examples: To see how your employer contribution rate might be affected by unexpected payroll change, suppose the following:

- The % Rate Change per 1% Deviation figure given above is -0.400%
- Your plan's payroll increased 10% in 2011/2012 (7.0% more than our 3.0% assumption).

Then your 2014/2015 rate would decrease -0.400% x (10 – 3.0) = -2.80% from that cause alone.

Or conversely, using the same % Rate Change per 1% Deviation figure given above, suppose your plan's payroll remained the same in 2011/2012 (3.0% less than our 3.0% assumption).

Then your 2014/2015 rate would increase -0.400% x (0 – 3.0) = 1.2% from that cause alone.

Note that if your plan had a negative side fund, an unexpected payroll increase would spread the payback of the negative side fund over a bigger payroll, which would decrease your plan's side fund percentage rate and the total employer contribution rate. On the other hand, if your plan had a positive side fund, an unexpected payroll increase would spread the payback of the positive side fund over a larger payroll, which would increase your plan's side fund percentage rate and the total employer contribution rate. In either case, the amortization of Side Fund dollar amount would not change.

SUMMARY OF FINANCIAL AND DEMOGRAPHIC INFORMATION

Plan's Side Fund

At the time your plan joined the Risk Pool, a side fund was created to account for the difference between the funded status of the pool and the funded status of your plan, in addition to your existing unfunded liability. The side fund for your plan as of the June 30, 2011 valuation is shown in the following table.

Your side fund will be credited, on an annual basis, with the actuarial investment return assumption. This assumption is 7.75% prior to July 1, 2012 and 7.5% after June 30, 2012. A positive side fund will cause your required employer contribution rate to be reduced by the Amortization of Side Fund shown above in Required Employer Contributions. A negative side fund will cause your required employer contribution rate to be increased by the Amortization of Side Fund. In the absence of subsequent contract amendments or funding changes, the side fund will disappear at the end of the amortization period shown below.

Plan's Side Fund Reconciliation

	June 30, 2010	June 30, 2011
Side Fund as of valuation date*	$ (793,507)	$ (752,182)
Adjustments	0	0
Side Fund Payment	99,055	102,274
Side Fund one year later	$ (752,182)	$ (704,313)
Adjustments	0	0
Side Fund Payment	102,274	105,598
Side Fund two years later	$ (704,313)	$ (647,650)
Amortization Period	8	7
Side Fund Payment during last year	$ 105,598	$ 108,661

* If your agency employed superfunded vouchers in fiscal year 2010/2011 to pay employee contributions, the June 30, 2011 Side Fund amount has been adjusted by a like amount without any further adjustment to the Side Fund's amortization period. Similarly, the Side Fund has been adjusted for the increase in liability from any recently adopted Class 1 or Class 2 contract amendments. Also, the Side Fund may be adjusted or eliminated due to recent lump sum payments. Contract amendments and lump sum payments may result in an adjustment to the Side Fund amortization period.

Development of the Actuarial Value of Assets

		June 30, 2011
1. Plan's Accrued Liability	$	14,126,030
2. Plan's Side Fund		(752,182)
3. Pool's Accrued Liability		3,619,835,876
4. Pool's Side Fund		(115,840,552)
5. Pool's Actuarial Value of Assets Including Receivables		3,203,214,899
6. Plan's Actuarial Value of Assets (AVA) Including Receivables [(1 + 2) / (3 + 4) x 5]	$	12,225,847
7. Pool's Market Value of Assets (MVA) Including Receivables		2,867,303,802
8. Plan's Market Value of Assets (MVA) Including Receivables [(1 + 2) / (3 + 4) x 7]	$	10,943,760

Funding History

The Funding History below shows the actuarial accrued liability, the actuarial value of assets, the market value of assets, funded ratios and the annual covered payroll. The actuarial value of assets is used to establish funding requirements and the funded ratio on this basis represents the progress toward fully funding future benefits for current plan participants. The funded ratio based on the market value of assets is an indicator of the short-term solvency of the plan.

Valuation Date	Accrued Liability	Actuarial Value of Assets (AVA)	Market Value of Assets (MVA)	Funded Ratio AVA	Funded Ratio MVA	Annual Covered Payroll
06/30/11	$ 14,126,030	$ 12,225,847	$ 10,943,760	86.6%	77.5%	$ 2,098,024

Plan's Total Normal Cost Rate

The Public Employees' Pension Reform Act of 2013 requires that new employees pay at least 50% of the total annual normal cost and that current employees approach the same goal through collective bargaining. Please refer to the CalPERS website for more details.

Shown below is the total annual normal cost rate for your plan. Note that this rate is for current members only.

	Fiscal Year 2012/2013	Fiscal Year 2013/2014
Pool's Net Total Normal Cost Rate	N/A	14.922%
Surcharge for Class 1 Benefits		
a) PRSA	N/A	0.822%
Plan's Total Normal Cost Rate	N/A	15.744%

Hypothetical Termination Liability

In August 2011, the CalPERS Board adopted an investment policy and asset allocation strategy that more closely reflects expected benefit payments of the Terminated Agency Pool. With this change, CalPERS increased benefit security for members while limiting its funding risk.

The table below shows the hypothetical termination liability, the market value of assets, the unfunded termination liability and the termination funded ratio. The assumptions used, including the discount rate, are stated in Appendix A and take into account the yields available in the US Treasury market on the valuation date and the mortality load for contingencies. The discount rate is duration weighted and is not necessarily the rate that would be used for this plan if it were to terminate. The discount rate for this plan's termination liability would depend on the duration of the liabilities of this plan. For purposes of this estimate, the discount rate of 4.82% is based on the June 30, 2011 30-year US Treasury Stripped Coupon Rate. Please note, as of June 30, 2012 the 30-year US Treasury Stripped Coupon Rate was 2.87%.

Valuation Date	Hypothetical Termination Liability	Market Value of Assets (MVA)	Unfunded Termination Liability	Termination Funded Ratio	Discount Rate
06/30/11	$ 19,909,111	$ 10,943,760	$ 8,965,351	55.0%	4.82%

Summary of Participant Data

The table below shows a summary of your plan's member data upon which this valuation is based:

	June 30, 2010	June 30, 2011
Projected Payroll for Contribution Purposes	$ 3,098,116	$ 2,292,568
Number of Members		
Active	34	28
Transferred	12	14
Separated	21	18
Retired	39	45

List of Class 1 Benefit Provisions

- Post-Retirement Survivor Allowance

Information for Compliance with GASB Statement No. 27 for Cost-Sharing Multiple-Employer Defined Benefit Plan

Your plan is part of the Miscellaneous 2% at 55 Risk Pool, a cost-sharing multiple-employer defined benefit plan. Under GASB 27, an employer should recognize annual pension expenditures/expense equal to its contractually required contributions to the plan. Pension liabilities and assets result from the difference between contributions required and contributions made. The contractually required contribution for the period July 1, 2013 to June 30, 2014 has been determined by an actuarial valuation of the plan as of June 30, 2011. Your unadjusted contribution rate for the indicated period is 15.844% of payroll. In order to calculate the dollar value of the contractually required contributions for inclusion in financial statements prepared as of June 30, 2014, this contribution rate, less any employee cost sharing, and as modified by any subsequent financing changes or contract amendments for the year, would be multiplied by the payroll of covered employees that was actually paid during the period July 1, 2013 to June 30, 2014. However, if this contribution is fully prepaid in a lump sum, then the dollar value of contractually required contributions is equal to the lump sum prepayment. The employer and the employer's auditor are responsible for determining the contractually required contributions. Further, the required contributions in dollars and the percentage of that amount contributed for the current year and each of the two preceding years is to be disclosed under GASB 27.

A summary of principal assumptions and methods used to determine the contractually required contributions is shown below for the cost-sharing multiple-employer defined benefit plan.

Valuation Date	June 30, 2011
Actuarial Cost Method	Entry Age Normal Cost Method
Amortization Method	Level Percent of Payroll
Average Remaining Period	20 Years as of the Valuation Date
Asset Valuation Method	15 Year Smoothed Market
Actuarial Assumptions	
Discount Rate	7.50% (net of administrative expenses)
Projected Salary Increases	3.30% to 14.20% depending on Age, Service, and type of employment
Inflation	2.75%
Payroll Growth	3.00%
Individual Salary Growth	A merit scale varying by duration of employment coupled with an assumed annual inflation growth of 2.75% and an annual production growth of 0.25%.

Complete information on assumptions and methods is provided in Appendix A of Section 2 of the report. Appendix B of Section 2 of the report contains a description of benefits included in the Risk Pool Actuarial Valuation.

A Schedule of Funding for the Risk Pool's actuarial value of assets, accrued liability, their relationship, and the relationship of the unfunded liability (UL) to payroll for the risk pool(s) to which your plan belongs can be found in Section 2 of the report.

Summary of Plan's Major Benefit Options

Shown below is a summary of the major optional benefits for which your agency has contracted. A description of principal standard and optional plan provisions is in Appendix B within Section 2 of this report.

	Coverage Group	
	70001	
Benefit Provision		
Benefit Formula	2.0% @ 55	
Social Security Coverage	no	
Full/Modified	full	
Final Average Compensation Period	36 mos.	
Sick Leave Credit	yes	
Non-Industrial Disability	standard	
Industrial Disability	no	
Pre-Retirement Death Benefits		
Optional Settlement 2W	yes	
1959 Survivor Benefit Level	level 3	
Special	no	
Alternate (firefighters)	no	
Post-Retirement Death Benefits		
Lump Sum	$500	
Survivor Allowance (PRSA)	yes	
COLA	2%	
Employee Contributions		
Contractual employer paid	no	

*Inactive Coverage Group

Section 2

Section 2 may be found on the CalPERS website (www.calpers.ca.gov) then selecting:

- **Employers**
- **Actuarial & GASB 27 Information**
- **Risk Pooling**
- **Risk Pool Annual Valuation Report**

Or at the following address: http://ow.ly/eNpMg

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GASB 45 Benefit Costs

The Town's financial statements will contain disclosure of information regarding funding, costs and provisions of the postemployment plans.

The following Tables provide information that will be used in the preparation of the Town's June 30, 2013 financial statements assuming the Town pays the predetermined amount of $1,299,316 for the 2012/13 fiscal year and pays the Annual OPEB Cost thereafter.

The first year Annual Required Contribution (ARC) consisted of the Normal Cost plus the portion of the Unfunded Actuarial Accrued Liability that is to be amortized in that year. The Normal Cost is the portion of the actuarial present value of future benefits that is allocated to the current year. Another interpretation is that the Normal Cost is the present value of future benefits that are "earned" by employees for service rendered during the current year. This valuation is based on the Entry Age Normal Cost method of calculation and an attribution period that runs from date of hire until the expected retirement date.

In the year the new accounting rules first became effective, employers were allowed to commence amortization of the Unfunded Actuarial Accrued Liability over a period not to exceed 30 years. Tables 2-3 and 2-4 are based on a level percentage of payroll amortization over the remaining 27 years of the original 30 years period.

Table 2-3

Development of 2012/2013 Fiscal Year
Annual Required Contribution - based on a 6.00% discount rate

Actuarial Accrued Liability	$ 7,724,868
Actuarial Value of Assets	0
Unfunded Actuarial Accrued Liability	$ 7,724,868
Illustrative Amortization Period	27 years
Amortization Factor (based on 6.00% Discount Rate)	18.481
Annual % of Payroll Amortization of Unfunded AAL	$ 417,990
Normal Cost (based on the Entry Age Normal Method)	155,198
Annual Required Contribution	$ 573,188
Annual OPEB Cost (see next page)*	**$582,525**

***including retiree benefits paid**

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Table 2-4 presents a ten-year projection under the assumptions that the Town **contributes the Annual OPEB Cost for each year,** the discount rate remains 6.00%, and the Normal Cost component of the ARC increases by 6% per year throughout the period.

Table 2-4

Town of Atherton

Ten-year Projection of Annual OPEB Cost and Net OPEB Obligation
Based on a 6.00% discount rate, the Entry Age Normal Actuarial Cost Method and assuming contributions starting 2013/14 = Annual OPEB Cost (incl. benefits paid)

	2012 / 2013	**2013 / 2014**	**2014 / 2015**	**2015 / 2016**	**2016 / 2017**
Actuarial Accrued Liability (AAL)	**$ 7,724,868**	**$ 7,917,747**	**$ 8,121,383**	**$ 8,335,459**	**$ 8,561,583**
Actuarial Value of Assets at beginning of year	**0**	**1,338,295**	**1,530,407**	**1,743,022**	**1,978,641**
Unfunded Actuarial Accrued Liability (UAAL)	**$ 7,724,868**	**$ 6,579,452**	**$ 6,590,976**	**$ 6,592,437**	**$ 6,582,942**
Remaining Amortization Period	**27**	**26**	**25**	**24**	**23**
Normal Cost	$ 155,198	$ 164,510	$ 174,381	$ 184,844	$ 195,935
Amortization of UAAL	417,990	365,444	376,305	387,494	399,015
Annual Required Contribution (ARC)	$ 573,188	$ 529,954	$ 550,686	$ 572,338	$ 594,950
Annual Required Contribution (ARC)	$ 573,188	$ 529,954	$ 550,686	$ 572,338	$ 594,950
Interest on net OPEB Obligation	95,105	27,282	27,282	27,282	27,282
Adjustment to ARC	(85,768)	(25,256)	(25,961)	(26,727)	(27,561)
Annual OPEB Cost	**$ 582,525**	**$ 531,980**	**$ 552,007**	**$ 572,893**	**$ 594,671**
Town Contributions	(1,712,900)	(531,980)	(552,007)	(572,893)	(594,671)
Increase in net OPEB Obligation	($ 1,130,375)	$ 0	$ 0	$ 0	$ 0
Net OPEB Obligation – Beginning of Year	**$ 1,585,080**	**$ 454,705**	**$ 454,705**	**$ 454,705**	**$ 454,705**
Net OPEB Obligation – End of Year	**$ 454,705**	**$ 454,705**	**$ 454,705**	**$ 454,705**	**$ 454,705**
Projected Benefits Paid	$ 413,584	$ 423,422	$ 434,736	$ 445,672	$ 462,843

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Table 2-4 (continued)

Town of Atherton

Ten-year Projection of Annual OPEB Cost and Net OPEB Obligation
Based on a 6.00% discount rate, the Entry Age Normal Actuarial Cost Method and assuming contributions starting 2013/14 = Annual OPEB Cost (incl. benefits paid)

	2017 / 2018	2018 / 2019	2019 / 2020	2020 / 2021	2021 / 2022
Actuarial Accrued Liability (AAL)	**$ 8,794,687**	**$ 9,037,729**	**$ 9,291,755**	**$ 9,556,396**	**$ 9,843,337**
Actuarial Value of Assets at beginning of year	**2,233,142**	**2,510,504**	**2,812,850**	**3,140,969**	**3,507,768**
Unfunded Actuarial Accrued Liability (UAAL)	**$ 6,561,545**	**$ 6,527,225**	**$ 6,478,905**	**$ 6,415,427**	**$ 6,335,569**
Remaining Amortization Period	**22**	**21**	**20**	**19**	**18**
Normal Cost	$ 207,691	$ 220,152	$ 233,361	$ 247,363	$ 262,205
Amortization of UAAL	410,893	423,131	435,762	448,788	462,180
Annual Required Contribution (ARC)	$ 618,584	$ 643,283	$ 669,123	$ 696,151	$ 724,385
Annual Required Contribution (ARC)	$ 618,584	$ 643,283	$ 669,123	$ 696,151	$ 724,385
Interest on net OPEB Obligation	27,282	27,282	27,282	27,282	27,282
Adjustment to ARC	(28,474)	(29,477)	(30,583)	(31,809)	(33,171)
Annual OPEB Cost	**$ 617,392**	**$ 641,088**	**$ 665,822**	**$ 691,624**	**$ 718,496**
Town Contributions	(617,392)	(641,088)	(665,822)	(691,624)	(718,496)
Increase in net OPEB Obligation	$ 0	$ 0	$ 0	$ 0	$ 0
Net OPEB Obligation – Beginning of Year	**$ 454,705**	**$ 454,705**	**$ 454,705**	**$ 454,705**	**$ 454,705**
Net OPEB Obligation – End of Year	**$ 454,705**	**$ 454,705**	**$ 454,705**	**$ 454,705**	**$ 454,705**
Projected Benefits Paid	$ 478,194	$ 493,791	$ 511,115	$ 518,478	$ 532,008