



DUKES COUNTY POOLED OPEB TRUST

OTHER POSTEMPLOYMENT BENEFITS PROGRAM

ACTUARIAL VALUATION

July 1, 2012

Prepared by:

Linda L. Bournival, FSA, EA, MAAA
KMS Actuaries, LLC
Fellow, Society of Actuaries
Enrolled Actuary
Member, American Academy of Actuaries

and

Christopher E. Bean, ASA, MAAA
DBR Group, Inc.
Associate, Society of Actuaries
Member, American Academy of Actuaries



February 11, 2014

Board of Trustees
Dukes County Pooled OPEB Trust
Dukes County Administration Building, 9 Airport Road
Edgartown, MA 02539

Dear Members of the Board:

Enclosed is our report summarizing the results of an actuarial valuation of the Dukes County Pooled OPEB Trust's Other Postemployment Benefits (OPEB) as of July 1, 2012. Our valuation was performed in accordance with the provisions contained in the GASB Statement No. 45, Accounting and Financial Reporting by Employers for Postemployment Benefits Other Than Pensions (GASB 45).

A summary of the valuation results is shown in Section 1. The principal results of our valuation are summarized in Section 2. The Plan Provisions and Actuarial Assumptions and Methods are shown in Sections 6 and 7, respectively. Section 8 summarizes the demographic profile of active employees and retirees.

The required disclosures under GASB 45 are presented in Section 3.

Our best estimate health care cost trend assumptions are based on recent experience and anticipated future cost increases under the Dukes County Pooled OPEB Trust medical plans. Section 5 illustrates the sensitivity of actuarial accrued liability and normal cost to a one percentage increase and decrease in the health care cost trend assumption for each future year.

Our actuarial valuation is based on a discount rate of 4% compounded annually. To illustrate the impact on cost of fully prefunding the Trust's benefit liabilities, our report also includes valuation results based on an alternative 8% discount rate.

We also provide 30-year forecasts of the OPEB liability under a partial prefunding arrangement and a fully-funded arrangement as well as a 10-year forecast of the Annual OPEB Cost and the Net OPEB Obligation in Section 4.

K M S A C T U A R I E S

814 Elm Street, Suite 204 · Manchester, NH 03101 · p: (603) 792-9494 · f: (603) 792-9492 · lindab@kmsactuaries.com · kmsactuaries.com

Board of Trustees
February 11, 2014
Page 2

Our calculations were based on participant census data and other information provided by the Trust's participating employers of the Dukes County Pooled OPEB Trust and the benefit provisions of the medical plans as described in the benefit summaries. Our valuation is also based on medical plan rates provided by the Cape Cod Municipal Health Group and the Massachusetts Group Insurance Commission (GIC).

Our valuation follows generally accepted actuarial methods and we perform such tests as we consider necessary to assure the accuracy of the results. The amounts presented in this report have been appropriately determined according to the actuarial assumptions and methods stated herein.

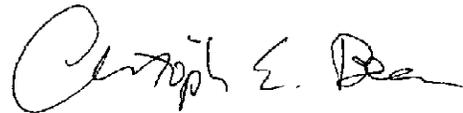
We are members of the American Academy of Actuaries and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion contained herein.

We appreciate this opportunity to be of service to the Dukes County Pooled OPEB Trust. We are available to answer any questions with respect to our valuation.

Respectfully submitted,



Linda L. Bournival, FSA, EA, MAAA
Member, American Academy of Actuaries
603-792-9494



Christopher E. Bean, ASA, MAAA
Member, American Academy of Actuaries
508-628-9022

TABLE OF CONTENTS

ACTUARIAL CERTIFICATION	1
SECTION 1 - SUMMARY	2
SECTION 2 - PRINCIPAL VALUATION RESULTS	6
TABLE 2.1 - OPEB TRUST ASSETS	
TABLE 2.2 - ACTUARIAL ACCRUED LIABILITY	
TABLE 2.3 - NORMAL COST	
TABLE 2.4 - ANNUAL REQUIRED CONTRIBUTION AND ANNUAL OPEB COST	
SECTION 3 - GASB 45 ACCOUNTING DISCLOSURE	10
SECTION 4 - FORECASTS	11
TABLE 4.1 - ANNUAL REQUIRED CONTRIBUTIONS	
TABLE 4.2 - FUNDING THE ANNUAL REQUIRED CONTRIBUTION	
TABLE 4.3 - ANNUAL OPEB COST AND NET OPEB OBLIGATION	
SECTION 5 - SENSITIVITY TO HEALTH CARE COST TREND RATE	15
TABLE 5.1 - ACTUARIAL ACCRUED LIABILITY	
TABLE 5.2 - NORMAL COST	
SECTION 6 - PLAN PROVISIONS	17
SECTION 7 - ACTUARIAL ASSUMPTIONS AND METHODS	19
SECTION 8 - PLAN MEMBER INFORMATION	23
TABLE 8.1 - ACTIVE EMPLOYEES BY AGE and YEARS OF SERVICE	
TABLE 8.2 - RETIRED PLAN PARTICIPANTS and SURVIVORS	
SECTION 9 - GOVERNMENTAL ACCOUNTING STANDARDS BOARD STATEMENT NO. 45 GLOSSARY OF TERMS	26
SECTION 10 - RESULTS BY PARTICIPATING EMPLOYER	28

ACTUARIAL CERTIFICATION

This report presents the results of the Actuarial Valuation for the Dukes County Pooled OPEB Trust Postemployment Benefits Other Than Pensions as of July 1, 2012. The report presents the accounting and financial reporting information in accordance with Statement Number 45 of the Governmental Accounting Standards Board (GASB 45).

This valuation was performed using employee data and financial information provided to us by the participating employers. Although we did not audit the data used in the valuation, we believe that the information is complete and reliable.

This report was completed in accordance with generally accepted actuarial standards and procedures, and conforms to the Code of Professional Conduct of the American Academy of Actuaries. The actuarial assumptions other than those explicitly applicable to the postemployment benefit plans are consistent with those used by the Dukes County Retirement System and Massachusetts Teachers Retirement System's actuaries for the Retirement System pension valuations.

This report is intended for the sole use of the Dukes County Pooled OPEB Trust and is intended to provide information to comply with the stated purpose of the report. It may not be appropriate for other purposes.

The undersigned credentialed actuaries are Members of the American Academy of Actuaries and together meet the Qualification Standards of the American Academy of Actuaries necessary to render the actuarial opinion contained herein. They are available to answer any questions with regard to this report.

Respectfully submitted,



Linda L. Bournival, FSA, EA, MAAA
Member, American Academy of Actuaries
603-792-9494

Christopher E. Bean, ASA, MAAA
Member, American Academy of Actuaries
508-628-9022

SECTION 1 - SUMMARY

BACKGROUND

The Dukes County Pooled OPEB Trust was created to invest the assets appropriated by participating employers for their retirees' and their covered dependents' benefits. The participating employers provide benefits as follows:

- ◆ Group 1 employees hired before April 2, 2012: retire after attaining age 55 with 10 or more years of service or any age with 20 or more years of service
- ◆ Group 1 employees hired after April 1, 2012: retire after attaining age 60 with 10 or more years of service
- ◆ Group 4 employees hired before April 2, 2012: retire after attaining age 55 or any age with 20 or more years of service
- ◆ Group 4 employees hired after April 1, 2012: retire after attaining age 55

Medical coverage continues to the spouse after the death of the retiree provided the spouse makes the required contributions.

GASB 45

The Governmental Accounting Standards Board (GASB) is responsible for establishing accounting standards for governmental entities. Calculations developed in accordance with GASB standards are required when providing financial statements.

GASB believes that postemployment benefits are a form of deferred compensation whose cost should be recognized while the employee actually renders services rather than when the actual benefits are paid, many years later. Ideally under the GASB standard the entire postemployment liability is recognized by the time an active participant begins to receive postemployment benefits. GASB 45's focus is on postemployment benefits other than pensions, such as medical, dental and life insurance benefits. Unlike pensions where sponsors are pre-funding for benefits due in the future, the impact of GASB 45 will be to significantly increase cash pay-as-you-go expense.

The effective date for GASB 45 is a function of each participating employer's total annual revenues in the first fiscal year ending after June 15, 1999. We understand that this is the fiscal year that ended June 30, 1999. If the related revenues for an employer were greater than \$10 million and less than \$100 million, the employer was required to comply with GASB 45 for the fiscal year ending June 30, 2009. Otherwise, if the related revenues for an employer were less than \$10 million, the employer was required to comply with GASB 45 for the fiscal year ending June 30, 2010.

ACTUARIAL VALUATION

As of July 1, 2012, there are 908 active employees who may be eligible for benefits in the future and 511 retired employees, covered spouses and survivors who are currently receiving benefits. Coverage is for individuals and families or individuals and spouses depending on the coverage selected.

SECTION 1 - SUMMARY

Prior to GASB 45, the annual cost recognized was the annual premiums or benefits paid less any participant contributions paid towards the coverage. Under GASB 45, an annual cost for postemployment coverage is developed for any person who is currently receiving or who is currently actively employed and may be eligible to receive benefits in the future. In developing the GASB 45 cost, the payment of future benefits is determined using the current schedule of premiums modified to reflect the population and the fact that actual healthcare expenses are higher as individuals age. These age-adjusted costs are increased in the future under the annual healthcare cost trend rate assumptions. The age-adjusted per capita costs utilized in this valuation are detailed in Section 7, Actuarial Assumptions and Methods.

It is important to understand that even though the employers charge participants for coverage based on the individual or family premium schedule presented in our report, in developing a liability for the participating employers, GASB requires that these premiums be adjusted as noted above. The plan premium represents less than 100% of the actual cost that is required to be recognized under the GASB standard.

SUMMARY OF PRINCIPAL RESULTS

Valuation Date	<u>July 1, 2012</u>	<u>July 1, 2010</u>
Summary of Member Data		
Active Members	908	925
Average Age	48.6	48.3
Average Service	9.7	9.0
Retired Members and Survivors	431	400
Average Age	68.1	67.7
Covered Spouses of Retired Members	80	83
Discount rate	4.00%	4.00%
Actuarial Accrued Liability	\$154,677,611	\$146,928,210
Normal Cost	\$7,041,707	\$6,241,380
Assets	\$1,412,895	\$0
Unfunded Actuarial Accrued Liability	\$153,264,716	\$146,928,210
Annual Required Contribution	\$12,275,077	\$11,238,016
Expected Employer Premiums	\$3,712,543	\$3,996,611

SECTION 1 - SUMMARY

ACTUARIAL ASSUMPTIONS

The most important assumption for GASB 45 is the discount rate, which is used to discount future benefits to current age. GASB 45 requires that the discount rate accurately reflects the rate of return on assets dedicated to paying the retiree medical benefits. This means that a traditional pay-as-you-go system, which pays benefits from the employers' various annual budgets and not a dedicated trust, must use a discount rate close to the rate of return on cash. Full pre-funding by use of a dedicated trust with a mixture of stocks and bonds can employ a higher discount rate that accurately reflects the expected return on trust assets dedicated to pay retiree medical benefits. For the Dukes County Pooled OPEB Trust, we selected a 4% discount rate to reflect the partial pre-funding of future payments.

CHANGES

Some assumptions used in this valuation have changed from those used in the July 1, 2010 valuation and are detailed in Section 7. The major assumption changes are summarized below:

- ◆ the health care trend rates were changed from 10% in year one, decreasing by 1% per year to an ultimate rate of 5%, to 9% in year one, decreasing by 1% per year to an ultimate rate of 5%.
- ◆ the mortality table was changed from the RP-2000 Mortality Table projected to 2010 to the RP-2000 Mortality Table projected to 2012 using Scale AA.

RESULTS

We have provided results based on a discount rate of 4%. As shown in Table 4.3 of Section 4, the Annual OPEB Cost for the fiscal year ending June 30, 2013 under GASB 45 is \$12,514,909 and the estimated Annual OPEB Cost for the fiscal year ending June 30, 2014 under GASB 45 is \$13,157,510.

The accumulated Net OPEB Obligation as of June 30, 2013 is \$34,258,024 and the estimated Net OPEB Obligation as of June 30, 2014 is \$42,915,912.

The Actuarial Accrued Liability (AAL) as of July 1, 2012 is \$154,677,611. The AAL by status breakdown is shown below:

Actives:	\$95,147,794
Retirees, Beneficiaries and Surviving Spouses:	59,529,817
Total:	\$154,677,611

The GASB 45 accounting disclosures are presented in Section 3. For the fiscal years ending June 30, 2011 and June 30, 2012, we have developed the total Net OPEB Obligation based on the actual disclosures in the member units' financial statements provided. Where information was unavailable, we have estimated the Net OPEB Obligation based on the results of the July 1, 2010 actuarial valuation.

Further, we have developed the GASB 45 disclosures and the total Net OPEB Obligation as of June 30, 2013 and June 30, 2014 for each member unit presented in Section 10.

Dukes County Pooled OPEB Trust Postemployment Benefits Other Than Pensions
Actuarial Valuation as of July 1, 2012

SECTION 1 - SUMMARY

ACTUARIAL GAIN/LOSS ANALYSIS

In performing the actuarial valuation, various assumptions are made regarding future premium rates, mortality, retirement, disability and withdrawal rates as well as investment returns. A comparison of the results of the current valuation and the prior valuation is made to determine how closely actual experience relates to expected. Below is the development of the Actuarial Gain/(Loss) for the current period:

	<u>Year 1</u>	<u>Year 2</u>
Actuarial Accrued Liability, prior valuation	\$146,928,210	\$155,219,831
Normal Cost, prior valuation	6,241,380	6,491,035
Expected Benefit Payments	3,996,611	4,317,221
Interest	6,046,852	6,382,090
Expected Actuarial Accrued Liability	\$155,219,831	\$163,775,735
Actual Actuarial Accrued Liability		\$154,677,611
Gain/(Loss)		\$9,098,124

The actuarial gain of \$9,098,124 was mostly comprised of the following:

◆ gain as a result of demographic and premium changes from the prior valuation	10,274,963
◆ gain as a result of decrease in the trend rates	7,463,491
◆ loss as a result of inclusion of the PPACA Excise Tax in this valuation	(8,640,330)
◆ Total Gain/(Loss)	\$9,098,124

REIMBURSEMENT FOR HEALTHCARE PREMIUM CONTRIBUTIONS

Whenever the service of a retired employee is attributable to service in more than one governmental unit and the retired employee receives a healthcare premium contribution, Section 9A1/2 of M.G.L. Section 32B provides for reimbursement by other governmental units for the portion of healthcare premium contributions that corresponds to the percentage of the retiree's creditable service that is attributable for each governmental unit. The other governmental units shall be charged based on the Dukes County Pooled OPEB Trust's contribution rate or the contribution rate of the first employer, whichever is lower.

For purposes of this valuation, we have not taken into account any prior service rendered at other Massachusetts entities for current or future retirees for the Dukes County Pooled OPEB Trust nor have we taken into account any service rendered by former Dukes County Pooled OPEB Trust employees currently working at or retired from other Massachusetts entities that may notify the Dukes County Pooled OPEB Trust of reimbursement due for former Dukes County Pooled OPEB Trust employees.

SECTION 2 - PRINCIPAL VALUATION RESULTS

We understand that the Dukes County Pooled OPEB Trust has established an irrevocable trust pursuant to Chapter 149 of the Acts of 2010 for the purpose of prefunding OPEB liabilities. The market value of assets as of the valuation date is \$1,412,895.

The Actuarial Value of Plan Assets is equal to the market value. The asset activity during the 2-year period July 1, 2011 through June 30, 2013 follows:

TABLE 2.1 - OPEB TRUST ASSETS

Market Value of Assets		
Fiscal Year Ending	<u>6/30/2013</u>	<u>6/30/2012</u>
Assets as of Beginning of Year	\$0	\$0
Contributions Receivable	\$1,412,895	\$0
Assets as of Beginning of Year	\$1,412,895	\$0
Employer Contributions		
Paid Premiums	\$3,201,042	\$2,963,928
OPEB Trust Deposits	961,788	0
Total Employer Contributions	\$4,162,830	\$2,963,928
Benefits Paid	(3,201,042)	(\$2,963,928)
Expenses	(8,121)	0
Investment Earnings	151,119	0
Assets as of End of Year	\$2,517,681	\$0

Information regarding the asset value held in the OPEB Trust was provided by the Dukes County Pooled OPEB Trust.

SECTION 2 - PRINCIPAL VALUATION RESULTS

The Actuarial Accrued Liability is the portion of the Actuarial Present Value of Future Benefits which is allocated to all periods prior to a valuation year and therefore is not provided for by future Normal Costs. Below is the Actuarial Accrued Liability assuming a discount rate of 4%, a blended rate for partial prefunding, and 8%, the rate of return on a dedicated trust if the Trust were to fully pre-fund benefits:

TABLE 2.2 - ACTUARIAL ACCRUED LIABILITY

	<u>Partial Pre-Funding</u>	<u>Full Pre-Funding</u>
Discount Rate	4.0%	8.0%
Current Active Employees		
Pre-Medicare Gross Benefit	\$35,709,673	\$22,291,461
Pre-Medicare Participant Contributions	4,885,562	3,099,700
Net Pre-Medicare Benefit	\$30,824,111	\$19,191,761
Post - Medicare Gross Benefit	\$80,001,010	\$33,220,711
Post - Medicare Participant Contributions	15,677,327	6,803,221
Net Post - Medicare Benefit	\$64,323,683	\$26,417,490
Total Current Active Employees	\$95,147,794	\$45,609,251
Current Retirees		
Pre-Medicare Gross Benefit	\$18,664,000	\$15,352,165
Pre-Medicare Participant Contributions	2,970,151	2,464,304
Net Pre-Medicare Benefit	\$15,693,849	\$12,887,861
Post - Medicare Gross Benefit	\$54,615,383	\$32,463,813
Post - Medicare Participant Contributions	10,779,415	6,567,648
Net Post - Medicare Benefit	\$43,835,968	\$25,896,165
Total Current Retirees	\$59,529,817	\$38,784,026
Total Actuarial Accrued Liability (AAL)	\$154,677,611	\$84,393,277

SECTION 2 - PRINCIPAL VALUATION RESULTS

The Normal Cost is the portion of the Actuarial Present Value of Future Benefits which is attributed to services rendered by active employees in the current year. Below is the Normal Cost assuming a discount rate of 4%, a blended rate for partial prefunding, and 8%, the rate of return on a dedicated trust if the Trust were to fully pre-fund benefits:

TABLE 2.3 - NORMAL COST

	Partial Pre-Funding	Full Pre-Funding
Discount Rate	4.0%	8.0%
Current Active Employees		
Pre-Medicare Gross Benefit	\$2,747,925	\$1,440,974
Pre-Medicare Participant Contributions	364,140	194,459
Net Pre-Medicare Benefit	\$2,383,785	\$1,246,515
Post - Medicare Gross Benefit	\$5,770,779	\$1,967,158
Post - Medicare Participant Contributions	1,112,857	398,999
Net Post - Medicare Benefit	\$4,657,922	\$1,568,159
Total Current Active Employees	\$7,041,707	\$2,814,674
Current Retirees		
Pre-Medicare Gross Benefit	\$0	\$0
Pre-Medicare Participant Contributions	0	0
Net Pre-Medicare Benefit	\$0	\$0
Post - Medicare Gross Benefit	\$0	\$0
Post - Medicare Participant Contributions	0	0
Net Post - Medicare Benefit	\$0	\$0
Total Current Retirees	\$0	\$0
Total Normal Cost (NC)	\$7,041,707	\$2,814,674

SECTION 2 - PRINCIPAL VALUATION RESULTS

Under GASB 45, the Annual Required Contribution (ARC) of the employer equals the Normal Cost plus a provision for amortizing the Unfunded Actuarial Accrued Liability. We have assumed increasing dollar amortization over the maximum acceptable amortization period of 30 years. For the period beginning July 1, 2012, the ARC, calculated under the parameters of this actuarial valuation, would be:

TABLE 2.4 - ANNUAL REQUIRED CONTRIBUTION and ANNUAL OPEB COST

	<u>Partial Pre-Funding</u>	<u>Full Pre-Funding</u>
Discount Rate	4.0%	8.0%
1. Normal Cost	\$7,041,707	\$2,814,674
2. Unfunded Actuarial Accrued Liability		
a. Actuarial Accrued Liability	\$154,677,611	\$84,393,277
b. Actuarial Value of Plan Assets	\$1,412,895	\$1,412,895
c. Unfunded Actuarial Accrued Liability	\$153,264,716	\$82,980,382
3. Amortization of Unfunded Actuarial Accrued Liability		
a. Unfunded Actuarial Accrued Liability	\$153,264,716	\$82,980,382
b. Amortization Period in years	30	30
c. Factor Increasing Rate	4.5%	4.5%
d. Amortization Factor	32.19	19.37
e. Amortization Amount (3.a. / 3.d.)	\$4,761,252	\$4,283,964
4. Interest on 1. and 3.e.	\$472,118	\$567,891
5. Annual Required Contribution (1. + 3.e. + 4.)	\$12,275,077	\$7,666,529
6. Net OPEB Obligation / (Asset) beginning of year	\$26,417,446	Not Applicable
7. Interest on Net OPEB Obligation at 4.00%	\$1,056,698	Not Applicable
8. Adjustment to Annual Required Contribution at 4.00%	\$816,866	Not Applicable
9. Annual OPEB Cost (5. + 7. - 8.)	\$12,514,909	Not Applicable

Dukes County Pooled OPEB Trust Postemployment Benefits Other Than Pensions
Actuarial Valuation as of July 1, 2012

SECTION 3 - GASB 45 ACCOUNTING DISCLOSURE

GASB 45 requires disclosure of the annual OPEB cost, the Net OPEB Obligation and the Schedule of Funding Progress. In addition, information about the Actuarial Methods and Assumptions used in the valuation and a summary of the Substantive Plan Provisions are disclosed, which are provided in Section 6 and Section 7, respectively.

Annual OPEB Cost and Net OPEB Obligation			
Fiscal Year Ending	<u>6/30/2013</u>	<u>6/30/2012</u>	<u>6/30/2011</u>
Discount rate	4.00%	4.00%	4.00%
Annual Required Contribution	\$12,275,077	\$11,699,976	\$10,300,167
Interest on Net OPEB Obligation	1,056,698	841,083	448,904
Adjustment to annual required contribution	(816,866)	(644,774)	(387,390)
Annual OPEB cost/(expense)	\$12,514,909	\$11,896,285	\$10,361,681
Employer contributions (including subsidy)	(4,674,331)	(5,701,241)	(3,244,928)
Change in Net OPEB Obligation	\$7,840,578	\$6,195,044	\$7,116,753
Net OPEB Obligation (Asset) - beginning of year	\$26,417,446	\$20,222,402	\$13,105,649
Net OPEB Obligation (Asset) - end of year	\$34,258,024	\$26,417,446	\$20,222,402

Plan History				
Fiscal Year Ended	Annual OPEB Cost	Percentage of Annual OPEB Cost Contributed	Net OPEB Obligation	
6/30/2013	12,514,909	37.4%	34,258,024	
6/30/2012	11,896,285	47.9%	26,417,446	
6/30/2011	10,361,681	31.3%	20,222,402	

Schedule of Funding Progress						
Actuarial Valuation Date	Actuarial Value of Assets (a)	Actuarial Accrued Liability (b)	Unfunded AAL (UAAL) (b-a)	Funded Ratio (a/b)	Covered Payroll (c)	UAAL as a Percentage of Covered Payroll ((b-a) / c)
7/1/2012	1,412,895	154,677,611	153,264,716	0.91%	52,436,938	292.3%
7/1/2010	0	146,928,210	146,928,210	0.00%	46,154,418	318.3%
6/30/2009	0	128,134,375	128,134,375	0.00%	47,888,496	267.6%

Dukes County Pooled OPEB Trust Postemployment Benefits Other Than Pensions
Actuarial Valuation as of July 1, 2012

SECTION 4 - FORECASTS

OVERVIEW

In Section 4, we have provided 30-year forecasts of the annual funding requirements, accrued liability, assets and unfunded actuarial accrued liability under a partial pre-funding scenario and a fully-funded funding scenario. The entries in Tables 4.1 and 4.2 are based on the assumptions stated below:

- ◆ Expected Employer Premiums are developed in the actuarial valuation and are based on the assumptions detailed in Section 7.
- ◆ Normal Cost with interest is assumed to increase annually by 4%.
- ◆ Assets are assumed to grow annually at the selected discount rate plus Additional Funding amounts made at the end of each fiscal year.
- ◆ Actuarial Accrued Liability (AAL), end of year, equals AAL, beginning of year, plus Normal Cost less Expected Employer Premiums plus interest on these items.
- ◆ Unfunded Actuarial Accrued Liability (UAAL) equals the AAL less Assets.
- ◆ the Annual Required Contribution (ARC) is the sum of the Normal Cost with Interest and the Amortization Amount with Interest.

Table 4.1 is based on funding the expected Employer share of premiums on a pay-as-you-go basis.

- ◆ The assumed discount rate is 4%.
- ◆ Amortization Amount with Interest is the amount necessary to amortize the Unfunded Actuarial Accrued Liability over 30 years at a discount rate of 4% on an open amortization basis, with payments increasing at 4.5% per year. The open amortization period is 30 years, recalculated at each valuation date.

Table 4.2 is based on fully funding the Annual Required Contribution (ARC) each year.

- ◆ The assumed discount rate is 8%.
- ◆ Amortization Amount with Interest is the amount necessary to amortize the Unfunded Actuarial Accrued Liability over 30 years at a discount rate of 8% on a closed amortization basis, with payments increasing at 4.5% per year. The closed amortization period is 30 years at year one declining to zero after 30 years. This method fully funds the UAL at the end of 30 years.
- ◆ Assumes Additional Funding of the excess of the ARC over the Expected Employer Premiums.

SECTION 4 - FORECASTS

TABLE 4.1 - ANNUAL REQUIRED CONTRIBUTIONS

FYE June 30	(1) Normal Cost	(2) Actuarial Accrued Liability	(3) Assets, BOY	(4) Unfunded Actuarial Accrued Liability (2) - (3)	(5) Expected Employer Premiums	(6) Employer Contributions	(7) Amortization Amount	(8) Interest	(9) ARC (1) + (7) + (8)
2013	7,041,707	154,677,611	1,412,895	153,264,716	3,712,543	4,674,331	4,761,252	472,118	12,275,077
2014	7,323,375	164,402,024	2,517,681	161,884,343	4,131,914	4,499,622	5,029,026	494,096	12,846,497
2015	7,616,310	174,380,673	2,993,378	171,387,295	4,620,494	4,620,494	5,324,240	517,622	13,458,172
2016	7,920,962	184,564,865	3,113,113	181,451,752	4,951,934	4,951,934	5,636,898	542,314	14,100,174
2017	8,237,800	195,135,258	3,237,638	191,897,620	5,249,878	5,249,878	5,961,405	567,968	14,767,173
2018	8,567,312	206,154,135	3,367,144	202,786,991	5,565,757	5,565,757	6,299,689	594,680	15,461,681
2019	8,910,004	217,634,325	3,501,830	214,132,495	6,361,999	6,361,999	6,652,143	622,486	16,184,633
2020	9,266,404	229,118,111	3,641,903	225,476,208	6,640,095	6,640,095	7,004,542	650,838	16,921,784
2021	9,637,060	241,148,300	3,787,579	237,360,721	6,920,676	6,920,676	7,373,741	680,432	17,691,233
2022	10,022,542	253,759,042	3,939,082	249,819,960	7,168,219	7,168,219	7,760,794	711,333	18,494,669
2023	10,423,444	267,022,669	4,096,645	262,926,024	7,406,836	7,406,836	8,167,941	743,655	19,335,040
2024	10,840,382	280,990,438	4,260,511	276,729,927	7,578,675	7,578,675	8,596,767	777,486	20,214,635
2025	11,273,997	295,775,291	4,430,931	291,344,360	7,768,858	7,768,858	9,050,772	812,991	21,137,760
2026	11,724,957	311,408,548	4,608,168	306,800,380	7,977,071	7,977,071	9,530,922	850,235	22,106,114
2027	12,193,955	327,923,797	4,792,495	323,131,302	8,345,580	8,345,580	10,038,251	889,288	23,121,494
2028	12,681,713	345,211,607	4,984,195	340,227,412	8,661,864	8,661,864	10,569,351	930,043	24,181,107
2029	13,188,982	363,375,650	5,183,563	358,192,087	8,920,977	8,920,977	11,127,434	972,657	25,289,073
2030	13,716,541	382,529,570	5,390,906	377,138,664	9,263,045	9,263,045	11,716,019	1,017,302	26,449,862
2031	14,265,203	402,649,466	5,606,542	397,042,924	9,481,661	9,481,661	12,334,356	1,063,982	27,663,541
2032	14,835,811	423,921,821	5,830,804	418,091,017	9,599,627	9,599,627	12,988,227	1,112,962	28,937,000
2033	15,429,243	446,518,200	6,064,036	440,454,164	9,594,904	9,594,904	13,682,950	1,164,488	30,276,681
2034	16,046,413	470,640,420	6,306,597	464,333,823	9,571,309	9,571,309	14,424,785	1,218,848	31,690,046
2035	16,688,270	496,393,448	6,558,861	489,834,587	9,557,268	9,557,268	15,216,980	1,276,210	33,181,460
2036	17,355,801	523,858,447	6,821,215	517,037,232	9,411,412	9,411,412	16,062,045	1,336,714	34,754,560
2037	18,050,033	553,265,024	7,094,064	546,170,960	9,237,163	9,237,163	16,967,100	1,400,685	36,417,818
2038	18,772,034	584,747,565	7,377,827	577,369,738	9,181,994	9,181,994	17,936,307	1,468,334	38,176,675
2039	19,522,915	618,296,550	7,672,940	610,623,610	9,067,166	9,067,166	18,969,357	1,539,691	40,031,963
2040	20,303,832	654,085,513	7,979,858	646,105,655	8,947,482	8,947,482	20,071,626	1,615,018	41,990,476
2041	21,115,985	692,240,242	8,299,052	683,941,190	8,850,377	8,850,377	21,247,008	1,694,520	44,057,513
2042	21,960,624	732,864,827	8,631,014	724,233,813	8,630,077	8,630,077	22,498,721	1,778,374	46,237,719

Dukes County Pooled OPEB Trust Postemployment Benefits Other Than Pensions
Actuarial Valuation as of July 1, 2012

30 years open, 4.0% discount rate.

SECTION 4 - FORECASTS

TABLE 4.2 - Funding the Annual Required Contribution (ARC)

(1) FYE June 30	(2) Expected Employer Premiums	(3) AAL at Beginning of Year	(4) Assets at Beginning of Year	(5) Normal Cost with Interest	(6) Amortization Amount with Interest	(7) ARC (5) + (6)	(8) Additional Funding (7) - (2)	(9) Assets at End of Year	(10) AAL at End of Year	(11) UAAL at End of Year (10) - (9)
2013	3,712,543	84,393,277	1,412,895	3,039,848	4,626,681	7,666,529	3,953,986	2,517,681	90,326,399	87,808,718
2014	4,131,914	90,326,399	2,517,681	3,161,442	4,993,861	8,155,303	4,023,389	6,580,387	96,419,942	89,839,555
2015	4,620,494	96,419,942	6,580,387	3,287,900	5,219,296	8,507,196	3,886,702	10,812,256	102,619,679	91,807,423
2016	4,951,934	102,619,679	10,812,256	3,419,415	5,453,906	8,873,322	3,921,387	15,404,357	109,102,468	93,698,110
2017	5,249,878	109,102,468	15,404,357	3,556,192	5,701,068	9,257,260	4,007,382	20,438,133	115,931,024	95,492,891
2018	5,565,757	115,931,024	20,438,133	3,698,440	5,954,522	9,652,962	4,087,205	25,942,042	123,119,842	97,177,800
2019	6,361,999	123,119,842	25,942,042	3,846,377	6,224,912	10,071,290	3,709,291	31,477,112	130,204,224	98,727,112
2020	6,640,095	130,204,224	31,477,112	4,000,232	6,505,508	10,505,741	3,865,645	37,600,432	137,720,204	100,119,772
2021	6,920,676	137,720,204	37,600,432	4,160,242	6,796,314	10,956,556	4,035,880	44,372,845	145,705,885	101,333,040
2022	7,168,219	145,705,885	44,372,845	4,326,651	7,101,861	11,428,513	4,260,293	51,901,753	154,239,575	102,337,822
2023	7,406,836	154,239,575	51,901,753	4,499,718	7,422,757	11,922,474	4,515,639	60,278,958	163,381,049	103,102,091
2024	7,578,675	163,381,049	60,278,958	4,679,706	7,754,196	12,433,902	4,855,228	69,659,188	173,255,250	103,596,062
2025	7,768,858	173,255,250	69,659,188	4,866,894	8,107,518	12,974,412	5,205,554	80,132,701	183,908,930	103,776,229
2026	7,977,071	183,908,930	80,132,701	5,061,570	8,471,529	13,533,099	5,556,028	91,786,401	195,393,199	103,606,798
2027	8,345,580	195,393,199	91,786,401	5,264,033	8,852,480	14,116,513	5,770,933	104,572,844	207,615,707	103,042,863
2028	8,661,864	207,615,707	104,572,844	5,474,594	9,250,731	14,725,325	6,063,461	118,662,324	220,697,885	102,035,561
2029	8,920,977	220,697,885	118,662,324	5,693,578	9,666,527	15,360,105	6,439,128	134,244,464	234,776,343	100,531,879
2030	9,263,045	234,776,343	134,244,464	5,921,321	10,099,947	16,021,268	6,758,223	151,378,850	249,853,332	98,474,482
2031	9,481,661	249,853,332	151,378,850	6,158,174	10,550,837	16,709,012	7,227,351	170,344,538	266,146,142	95,801,604
2032	9,599,627	266,146,142	170,344,538	6,404,501	11,030,462	17,434,963	7,835,336	191,430,840	283,866,110	92,435,270
2033	9,594,904	283,866,110	191,430,840	6,660,681	11,527,724	18,188,405	8,593,501	214,962,395	303,264,762	88,302,367
2034	9,571,309	303,264,762	214,962,395	6,927,108	12,041,232	18,968,340	9,397,031	241,180,931	324,506,256	83,325,325
2035	9,557,268	324,506,256	241,180,931	7,204,193	12,586,203	19,790,396	10,233,127	270,333,596	347,738,744	77,405,148
2036	9,411,412	347,738,744	270,333,596	7,492,360	13,144,270	20,636,631	11,225,219	302,816,289	373,269,578	70,453,289
2037	9,237,163	373,269,578	302,816,289	7,792,055	13,759,413	21,551,468	12,314,305	338,993,519	401,323,659	62,330,140
2038	9,181,994	401,323,659	338,993,519	8,103,737	14,353,209	22,456,946	13,274,952	379,027,739	431,991,080	52,963,342
2039	9,067,166	431,991,080	379,027,739	8,427,887	15,013,231	23,441,117	14,373,952	423,368,200	465,555,378	42,187,178
2040	8,947,482	465,555,378	423,368,200	8,765,002	15,711,087	24,476,089	15,528,607	472,415,249	502,266,315	29,851,066
2041	8,850,377	502,266,315	472,415,249	9,115,602	16,365,051	25,480,653	16,630,276	526,491,541	542,365,640	15,874,100
2042	8,630,077	542,365,640	526,491,541	9,480,226	17,144,028	26,624,254	17,994,176	586,266,478	586,266,478	-

30-years closed, 8.0% discount rate.

Dukes County Pooled OPEB Trust Postemployment Benefits Other Than Pensions
Actuarial Valuation as of July 1, 2012

SECTION 4 - FORECASTS

TABLE 4.3 - ANNUAL OPEB COST and NET OPEB OBLIGATION

FYE June 30	ARC	Interest on Net OPEB Obligation	ARC Adjustment	Amortization Factor	Annual OPEB Cost	Employer Contributions	Change in Net OPEB Obligation	Net OPEB Obligation Balance
								26,417,446
2013	12,275,077	1,056,698	816,866	32.34	12,514,909	4,674,331	7,840,578	34,258,024
2014	12,846,497	1,370,321	1,059,308	32.34	13,157,510	4,499,622	8,657,888	42,915,912
2015	13,458,172	1,716,636	1,327,023	32.34	13,847,785	4,620,494	9,227,291	52,143,203
2016	14,100,174	2,085,728	1,612,344	32.34	14,573,558	4,951,934	9,621,624	61,764,827
2017	14,767,173	2,470,593	1,909,859	32.34	15,327,907	5,249,878	10,078,029	71,842,856
2018	15,461,681	2,873,714	2,221,486	32.34	16,113,909	5,565,757	10,548,152	82,391,009
2019	16,184,633	3,295,640	2,547,650	32.34	16,932,623	6,361,999	10,570,624	92,961,633
2020	16,921,784	3,718,465	2,874,509	32.34	17,765,740	6,640,095	11,125,645	104,087,278
2021	17,691,233	4,163,491	3,218,531	32.34	18,636,193	6,920,676	11,715,517	115,802,795
2022	18,494,669	4,632,112	3,580,791	32.34	19,545,990	7,168,219	12,377,771	128,180,565

Notes:

1. ARC and Employer Contributions are from 30-Year Forecast of Annual Required Contributions (Table 4.1).
2. Interest on Net OPEB Obligation is computed on the prior year Net OPEB Obligation Balance.
3. ARC Adjustment is the prior year Net OPEB Obligation Balance amortized over 30 years.
4. OPEB Cost is the ARC plus Interest on Net OPEB Obligation less ARC Adjustment.
5. Change in Net OPEB Obligation is the difference between the OPEB Cost and Employer Contributions.
6. Net OPEB Obligation is the prior year Net OPEB Obligation Balance plus Change in Net OPEB Obligation.
7. Year one Interest on Net OPEB Obligation and ARC Adjustment computed at prior discount rate of 4.00%.
8. Subsequent years' Interest on Net OPEB Obligation and ARC Adjustment computed at current discount rate of 4.00%.

SECTION 5 - SENSITIVITY TO HEALTH CARE COST TREND RATE

Below we illustrate the sensitivity of Actuarial Accrued Liability to a one percentage increase and decrease in health care cost trend assumption for each future year:

TABLE 5.1 - ACTUARIAL ACCRUED LIABILITY

	<u>Assumed Trend</u>	<u>Trend +1%</u>	<u>Trend -1%</u>
Discount Rate	4.0%	4.0%	4.0%
Current Active Employees			
Pre-Medicare Gross Benefit	\$35,709,673	\$40,436,410	\$31,668,813
Pre-Medicare Participant Contributions	4,885,562	5,512,976	4,347,755
Net Pre-Medicare Benefit	\$30,824,111	\$34,923,434	\$27,321,058
Post - Medicare Gross Benefit	\$80,001,010	\$102,142,179	\$63,341,307
Post - Medicare Participant Contributions	15,677,327	19,790,690	12,550,179
Net Post - Medicare Benefit	\$64,323,683	\$82,351,489	\$50,791,128
Total Current Active Employees	\$95,147,794	\$117,274,923	\$78,112,186
Current Retirees			
Pre-Medicare Gross Benefit	\$18,664,000	\$19,589,696	\$17,814,521
Pre-Medicare Participant Contributions	2,970,151	3,110,944	2,840,675
Net Pre-Medicare Benefit	\$15,693,849	\$16,478,752	\$14,973,846
Post - Medicare Gross Benefit	\$54,615,383	\$63,108,433	\$47,618,080
Post - Medicare Participant Contributions	10,779,415	12,374,430	9,457,974
Net Post - Medicare Benefit	\$43,835,968	\$50,734,003	\$38,160,106
Total Current Retirees	\$59,529,817	\$67,212,755	\$53,133,952
Total Actuarial Accrued Liability (AAL)	\$154,677,611	\$184,487,678	\$131,246,138

SECTION 5 - SENSITIVITY TO HEALTH CARE COST TREND RATE

Below we illustrate the sensitivity of Normal Cost to a one percentage increase and decrease in health care cost trend assumption for each future year:

TABLE 5.2 - NORMAL COST

	<u>Assumed Trend</u>	<u>Trend +1%</u>	<u>Trend -1%</u>
Discount Rate	4.0%	4.0%	4.0%
Current Active Employees			
Pre-Medicare Gross Benefit	\$2,747,925	\$3,260,347	\$2,327,916
Pre-Medicare Participant Contributions	364,140	430,533	309,596
Net Pre-Medicare Benefit	\$2,383,785	\$2,829,814	\$2,018,320
Post - Medicare Gross Benefit	\$5,770,779	\$7,766,325	\$4,338,709
Post - Medicare Participant Contributions	1,112,857	1,478,699	847,173
Net Post - Medicare Benefit	\$4,657,922	\$6,287,626	\$3,491,536
Total Current Active Employees	\$7,041,707	\$9,117,440	\$5,509,856
Current Retirees			
Pre-Medicare Gross Benefit	\$0	\$0	\$0
Pre-Medicare Participant Contributions	0	0	0
Net Pre-Medicare Benefit	\$0	\$0	\$0
Post - Medicare Gross Benefit	\$0	\$0	\$0
Post - Medicare Participant Contributions	0	0	0
Net Post - Medicare Benefit	\$0	\$0	\$0
Total Current Retirees	\$0	\$0	\$0
Total Normal Cost	\$7,041,707	\$9,117,440	\$5,509,856

SECTION 6 - PLAN PROVISIONS

Eligibility: Group 1 employees hired before April 2, 2012: retire after attaining age 55 with 10 or more years of service or any age with 20 or more years of service

Group 1 employees hired after April 1, 2012: retire after attaining age 60 with 10 or more years of service

Group 4 employees hired before April 2, 2012: retire after attaining age 55 or any age with 20 or more years of service

Group 4 employees hired after April 1, 2012: retire after attaining age 55

Medical Premium Rates: The total monthly costs by plan are shown below:

<u>Non-Medicare Plans - July 1, 2013</u>	<u>Individual</u>	<u>Family</u>
Master Health Plus	\$1,147.00	\$2,867.00
Blue Care Elect PPO	\$760.00	\$1,903.00
Network Blue EPO	\$598.00	\$1,601.00
HPHC EPO	\$607.00	\$1,624.00
HPHC PPO	\$666.00	\$1,762.00
GIC	\$845.21	\$2,031.67
 <u>Medicare Plans - July 1, 2013</u>		
Medex III - Enhanced	\$409.00	
HP Medicare Enhance	\$323.00	
GIC	\$358.53	

Medical Plan Contributions: Retirees contribute 25% of the medical rates, except for retirees from the County of Dukes County, who contribute 10%, Martha's Vineyard Regional High School, who contribute 15% and the Martha's Vineyard Land Bank, who contribute 50%.

Continuation of Coverage to Spouse After Death of Retiree: Surviving spouse may continue coverage for lifetime by paying the required medical premium rates.

Dental Rates: The total monthly costs by plan are shown below:

<u>Dental Plans - July 1, 2013</u>	<u>Individual</u>	<u>Family</u>
Delta Premium Contributory	\$34.00	\$96.00

SECTION 6 - PLAN PROVISIONS

Dental Plan Contributions: The following employers offer dental coverage and covered retirees contribute the following percentage of dental premium rates:

Martha's Vineyard Commission	25%
Town of Aquinnah	25%
Up-Island Regional School District	50%

Life Insurance Benefit: The following employers offer life insurance coverage and covered retirees contribute the following percentage of life insurance premiums:

	<u>Coverage</u>	<u>Premium</u>
Dukes County	5,000	25%
Marthas Vineyard Reg'l HS District	2,000	15%
Oak Bluffs Water District	5,000	0%
Town of Aquinnah	5,000	25%
Town of Chilmark	5,000	25%
Town of Edgartown	1,000	25%
Town of Oak Bluffs	5,000	25%
Town of Tisbury	5,000/10,000	0%
Town of West Tisbury	7,500	25%
Up-Island Regional School District	2,000	25%

Life Insurance Premium: The total monthly cost varies by participating employers.

Life Insurance Contributions: Eligible retirees contribute between 0% and 25% of the premium rates for life insurance, depending on the participating employer.

PPACA Excise Tax: The Patient Protection and Affordable Care Act (PPACA) applies a 40% excise tax to the cost of plan benefits in excess of statutory thresholds beginning in 2018. The 2018 thresholds are assumed to be \$10,200 for individual and \$27,500 for family coverage and increase by CPI in future years. The annual limits are increased by \$1,650 for individual and \$3,450 for family coverage for retirees not eligible for Medicare benefits.

SECTION 7 - ACTUARIAL ASSUMPTIONS AND METHODS

Valuation Date: July 1, 2012

Discount Rates: 4.00% partial pre-funding.
8.00% full pre-funding.

Amortization Method: Increasing at 4.50% over thirty (30) years on an open amortization period for partial pre-funding.
Increasing at 4.50% over thirty (30) years on a closed amortization period for full pre-funding.

Health Care Cost Trend Rates:

Year	Current	Prior
1	9.00%	10.00%
2	8.00%	9.00%
3	7.00%	8.00%
4	6.00%	7.00%
5	5.00%	6.00%
6	5.00%	5.00%
Ultimate	5.00%	5.00%

Dental Cost Trend Rates: All 5.00%

Mortality Table: RP-2000 Healthy Annuitant Table, projected to 2012, using Scale AA. For the period after disability, RP-2000 Healthy Annuitant Table set forward 2 years.

Turnover Rates: *Non-Teachers:*

Groups 1 and 2		Group 4	
Service	Rate	Service	Rate
0	15.00%	0-10	1.50%
1	12.00%	11+	0.00%
2	10.00%		
3	9.00%		
4	8.00%		
5-9	7.60%		
10-14	5.40%		
15-19	3.30%		
20-24	2.00%		
25-29	1.00%		
30+	0.00%		

SECTION 7 - ACTUARIAL ASSUMPTIONS AND METHODS

Turnover Rates: (continued)

Teachers:

<u>Age</u>	<u>Service</u>					
	0		5		10+	
	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>
20	12.0%	10.0%	4.5%	9.0%	1.0%	5.0%
30	11.4%	12.0%	4.5%	9.0%	1.0%	5.0%
40	9.7%	11.0%	5.4%	6.5%	1.7%	2.9%
50	10.0%	8.2%	4.8%	4.2%	2.2%	2.1%

Disability Rates:

Non-Teachers:

<u>Groups 1 and 2</u>		<u>Group 4</u>	
<u>Age</u>	<u>Rate</u>	<u>Age</u>	<u>Rate</u>
25	0.02%	25	0.20%
30	0.03%	30	0.30%
35	0.06%	35	0.30%
40	0.10%	40	0.30%
45	0.15%	45	1.00%
50	0.19%	50	1.25%
55	0.24%	55	1.20%
60	0.28%	60	0.85%

Teachers:

<u>Age</u>	<u>Rate</u>
20	0.004%
30	0.006%
40	0.010%
50	0.050%
60	0.100%

Retirement Rates:

Non-Teachers:

<u>Age</u>	<u>Groups 1 and 2</u>		<u>Group 4</u>
	Male	Female	All
45-49	0.00%	0.00%	1.00%
50-54	1.00%	1.50%	2.00%
55-59	2.00%	5.50%	15.00%
60-61	12.00%	5.00%	20.00%
62-64	30.00%	15.00%	25.00%
65-68	40.00%	15.00%	100.00%
69	30.00%	20.00%	
70	100.00%	100.00%	

Dukes County Pooled OPEB Trust Postemployment Benefits Other Than Pensions
Actuarial Valuation as of July 1, 2012

SECTION 7 - ACTUARIAL ASSUMPTIONS AND METHODS

Retirement Rates: (continued) *Teachers:*

<u>Age</u>	<u>Years of Service</u>					
	<u>Less than 20</u>		<u>20-30</u>		<u>30+</u>	
	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>
45	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
50	0.0%	0.0%	1.0%	1.5%	2.0%	2.0%
55	3.0%	2.0%	3.0%	3.0%	6.0%	6.0%
60	15.0%	20.0%	20.0%	16.0%	50.0%	35.0%
62	20.0%	25.0%	30.0%	30.0%	40.0%	40.0%
65	40.0%	30.0%	40.0%	30.0%	50.0%	35.0%
69	40.0%	30.0%	30.0%	30.0%	50.0%	30.0%
70	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Medical Plan Participation: 85% of eligible retirees will elect to participate.

Dental Plan Participation: 80% of eligible retirees will elect to participate.

Life Insurance Participation: 70% of eligible retirees will elect to participate.

Dependent Status: Male spouses are assumed to be three years older and female spouses are assumed to be three years younger than the retired employee.

60% of employees are assumed to retire with a covered spouse.

For current retirees, the actual census information is used.

Medical Per Capita Costs: Annual per capita costs for the fiscal year beginning July 1, 2012 are as follows:

<u>Age</u>	<u>Cost</u>
Under 55	\$ 10,504
55-59	12,463
60-64	15,134
65-69	3,970
70-74	4,535
75-79	5,056
80-84	5,420
85-89	5,612
90+	5,669

Dukes County Pooled OPEB Trust Postemployment Benefits Other Than Pensions
Actuarial Valuation as of July 1, 2012

SECTION 7 - ACTUARIAL ASSUMPTIONS AND METHODS

Retiree Contributions: Annual per capita participant contributions for the fiscal year beginning July 1, 2012 are as follows:

<u>Plan</u>	<u>25%</u>	<u>15%</u>	<u>10%</u>
Non-Medicare	2,503	1,502	1,001
Medicare	1,120	672	448

Excise Tax: For purposes of estimating the excise tax, per capita plan costs are developed for individual and family coverage for both Medicare and non-Medicare members. These plan costs are compared to the thresholds stipulated in the Patient Protection and Affordable Care Act (PPACA). Beginning in 2018, a 40% excise tax is applied on the excess of the plan costs over the thresholds, which increase annually by CPI.

Actuarial Cost Method: Projected Unit Credit. The costs of each employee's postemployment benefits are allocated on a pro rata basis from the employee's date of hire to the date the employee is fully eligible for benefits.

Employee Data: Employee and retiree data were submitted by the participating employers. We made reasonable adjustments for missing or invalid data.

SECTION 8 - PLAN MEMBER INFORMATION

TABLE 8.1 - ACTIVE EMPLOYEES BY AGE and YEARS OF SERVICE AS OF JULY 1, 2012

Age	Years of Service									Total	Percent
	<u>0 to 4</u>	<u>5 to 9</u>	<u>10 to 14</u>	<u>15 to 19</u>	<u>20 to 24</u>	<u>25 to 29</u>	<u>30 to 34</u>	<u>35 to 39</u>	<u>40 & up</u>		
Under 25	18	0	0	0	0	0	0	0	0	18	2%
25 to 29	49	3	0	0	0	0	0	0	0	52	6%
30 to 34	33	19	5	0	0	0	0	0	0	57	6%
35 to 39	50	24	14	2	0	0	0	0	0	90	10%
40 to 44	50	30	31	13	6	0	0	0	0	130	14%
45 to 49	35	30	24	12	14	4	0	0	0	119	13%
50 to 54	37	33	24	23	15	7	0	1	0	140	15%
55 to 59	28	39	35	19	13	8	6	1	0	149	16%
60 to 64	12	24	23	19	17	7	2	2	0	106	12%
65 to 69	3	10	8	3	4	3	1	1	0	33	4%
70 & up	4	3	3	2	1	1	0	0	0	14	2%
Total	319	215	167	93	70	30	9	5	0	908	
Percent	35%	24%	18%	10%	8%	3%	1%	1%	0%		100%
	Average Age: 48.6			Average Service: 9.7							

SECTION 8 - PLAN MEMBER INFORMATION

TABLE 8.2 - RETIRED PLAN PARTICIPANTS, COVERED SPOUSES and SURVIVORS AS OF JULY 1, 2012

Non-Medicare Plans:

Age	Master Health Plus	Blue Care Elect PPO	Network Blue EPO	HPHC EPO	HPHC PPO	GIC	Total
Under 40	0	0	0	0	0	0	0
40 to 44	0	1	0	0	0	0	1
45 to 49	0	3	0	0	0	0	3
50 to 54	0	18	0	0	0	1	19
55 to 59	3	22	0	2	0	2	29
60 to 64	4	56	1	0	1	11	73
65 to 69	0	10	0	0	0	12	22
70 to 74	0	2	0	0	0	4	6
75 to 79	0	2	0	0	1	1	4
80 to 84	0	1	0	1	0	0	2
85 to 89	0	0	0	0	0	0	0
90+	0	0	0	0	0	0	0
Total	7	115	1	3	2	31	159
Covered Spouses	1	54	1	1	0	13	70

SECTION 8 - PLAN MEMBER INFORMATION

TABLE 8.2 - RETIRED PLAN PARTICIPANTS, COVERED SPOUSES and SURVIVORS AS OF JULY 1, 2012

Medicare Plans:

Age	Medex III - Enhanced	HP Medicare Enhance	GIC	Life Insurance Only	Total
Under 40	0	0	0	0	0
40 to 44	0	0	0	0	0
45 to 49	0	0	0	0	0
50 to 54	0	0	0	0	0
55 to 59	1	0	0	2	3
60 to 64	9	1	0	3	13
65 to 69	111	4	6	3	124
70 to 74	50	0	2	0	52
75 to 79	31	0	5	1	37
80 to 84	13	0	1	0	14
85 to 89	13	0	2	0	15
90+	11	0	3	0	14
Total	239	5	19	9	272
Covered Spouses	9	1	0		10

SECTION 9 - GASB 45 GLOSSARY OF TERMS

Actuarial Accrued Liability – The portion of the Actuarial Present Value of future benefits which is allocated to all periods prior to a valuation year and therefore is not provided by future Normal Costs.

Actuarial Assumptions – Assumptions as to the occurrence of future events affecting OPEB costs, such as mortality, withdrawal, disablement and retirement; changes in compensation and Government provided pension benefits; rates of investment earnings and asset appreciation or depreciation; procedures used to determine the Actuarial Value of Assets; characteristics of future entrants for Open Group Actuarial Cost Methods; and other relevant items.

Actuarial Present Value of Future Benefits – The present value of the cost to finance all benefits payable in the future, discounted to reflect the probability of payment and the time value of money.

Actuarial Valuation – the determination, as of a valuation date, of the Normal Cost, Actuarial Accrued Liability, Actuarial Value of Assets and related Actuarial Present Values for an OPEB plan.

Actuarial Value of Assets – The value of plan assets used in an actuarial valuation. The Actuarial Value of Assets may reflect smoothing techniques intended to dampen year-to-year fluctuations in the market value of assets.

Annual OPEB Cost - The accrual basis annual cost for the OPEB plan sponsored by the employer. In the year of implementation of GASB 45, the Annual OPEB Cost equals the ARC. In subsequent years, if an employer has a Net OPEB Obligation, Annual OPEB Cost equals the ARC plus one year's interest on the Net OPEB Obligation plus an adjustment to the ARC.

Annual Required Contribution (ARC) – Includes the employer's Normal Cost and a provision for amortizing the Unfunded Actuarial Accrued Liability.

Explicit Subsidy – The difference between (a) the blended rates based on combined active and retired member experience and (b) actual cash contributions made by the employer.

Funded Ratio – The Actuarial Value of Assets expressed as a percentage of the Actuarial Accrued Liability.

Health Cost Trend Rate – The rate of change in per capita health claims cost over time as a result of factors such as medical inflation, utilization of healthcare services, plan design, and technological developments.

Implicit Subsidy – In an experience-rated healthcare plan that includes both active employees and retirees with blended premium rates for all plan members, the difference between (a) the age-adjusted premiums approximating claim costs for retirees in the group and (b) the blended rates based on combined active and retired member experience.

SECTION 9 - GASB 45 GLOSSARY OF TERMS

Net OPEB Obligation – The cumulative excess since adoption of GASB 45 of Annual OPEB Cost over the employer's contributions to the plan.

Normal Cost – The portion of the Actuarial Present Value of Future Benefits which is allocated to a valuation year.

OPEB – Other Postemployment Benefits including medical, dental, vision, hearing and life insurance benefits.

Plan Assets – Investments segregated and restricted in a trust or similar arrangement under which:

- employer contributions to the trust are irrevocable,
- assets are dedicated to providing plan benefits, and
- assets are legally protected from creditors.

Pay-As-You-Go – A method of financing an OPEB plan under which the contributions to the plan are generally made at about the same time and in about the same amount as benefit payments and expenses becoming due.

Present Value of Future Benefits – The actuarial present value of the cost to finance benefits payable in the future, discounted to reflect the expected effects of the time value of money and the probabilities of payment.

Projected Unit Credit Actuarial Cost Method – A method under which the projected benefits of each individual included in an Actuarial Valuation are allocated by a consistent formula to valuation years. Projected Unit Credit is one of the actuarial cost methods allowed and most often used for developing liabilities under GASB 45.

Substantive Plan – The terms of an OPEB plan as understood by the employer and plan members.

Unfunded Actuarial Accrued Liability – The excess of Actuarial Accrued Liability over the Actuarial Value of Assets.

SECTION 10 - RESULTS BY PARTICIPATING EMPLOYER

On the following pages are the results of the actuarial valuation broken out by participating employers.

- ◆ To develop the Net OPEB Obligation change for fiscal year 2013, we offset the Annual OPEB Cost by employer premiums and contributions, including the implicit subsidy, as required by GASB 45.

- ◆ All participating employers adopted GASB 45 for the fiscal year ending June 30, 2009, except for the Martha's Vineyard Commission, the Town of Chilmark and the Up-Island Regional School District, which adopted fiscal year ending June 30, 2010.

- ◆ GASB 45 disclosure as of June 30, 2012 is based on the information contained in the participating employers' financial statements, except as noted below:

Martha's Vineyard Land Bank has incorrectly stated the Net OPEB Obligation as of June 30, 2012 to be equal to the accrued liability. We have developed the correct NOO as of June 30, 2012.

Martha's Vineyard Regional Transit Authority has provided disclosures using ARCs that we cannot determine their origin. However, we have utilized the NOO as provided on the financial statements.

Town of Aquinnah did not provide financial statements as of June 30, 2012. We utilized the disclosure information provided in the July 1, 2010 GASB 45 valuation report.

Town of Chilmark Tri-Town Ambulance did not provide financial statements as of June 30, 2012. We utilized the disclosure information provided in the July 1, 2010 GASB 45 valuation report.

Town of Tisbury School did not provide financial statements as of June 30, 2012. We included the School's NOO in the Town as reported on the fiscal year 2012 financial statements.

Town of West Tisbury Council on Aging did not provide financial statements as of June 30, 2012. We utilized the disclosure information provided in the July 1, 2010 GASB 45 valuation report.

SECTION 10 - RESULTS BY PARTICIPATING EMPLOYER

Unit	County of Duke's County	Martha's Vineyard Airport	Martha's Vineyard Commission	Martha's Vineyard Land Bank	Martha's Vineyard Regional School District	Martha's Vineyard Regional Transit	Martha's Vineyard Refuse District	Oak Bluffs' Water District
Summary of Member Data								
Active Employees	15	15	10	8	168	8	8	10
Average Age	51.8	41.9	53.9	46.1	49.7	42.8	48.3	49.2
Average Service	9.5	6.5	8.2	13.8	9.7	7.5	11.2	11.7
Covered Payroll	925,613	1,029,961	708,363	615,291	11,296,567	499,871	503,742	317,971
Retired Employees and Survivors	9	11	5	1	77	0	2	2
Average Age	74.2	63.7	58.9	74.0	70.0	0.0	63.6	67.5
Actuarial Accrued Liability - July 1, 2012								
Active Employees	1,631,807	1,609,686	876,303	1,053,284	20,098,012	587,008	867,022	1,101,190
Retired Employees and Survivors	1,168,861	2,700,904	1,262,965	72,473	9,364,908	0	491,035	1,499
Total	2,800,668	4,310,590	2,139,268	1,125,757	29,462,920	587,008	1,358,057	1,102,689
Actuarial Value of Plan Assets - July 1, 2012								
	0	0	10,500	0	0	92,442	0	0
Unfunded Actuarial Accrued Liability								
	2,800,668	4,310,590	2,128,768	1,125,757	29,462,920	494,566	1,358,057	1,102,689
Annual Required Contribution (ARC) for FYE 2013								
Normal Cost	57,419	220,216	65,979	42,100	1,449,865	58,446	55,999	65,434
Amortization of UAL	87,004	133,911	66,131	34,972	915,282	15,364	42,189	34,256
Interest	5,777	14,165	5,284	3,083	94,605	2,952	3,928	3,988
Total	150,200	368,292	137,394	80,155	2,459,752	76,762	102,116	103,678
Annual OPEB Cost for FYE 2013								
Annual Required Contribution	150,200	368,292	137,394	80,155	2,459,752	76,762	102,116	103,678
Interest on Net OPEB Obligation	16,055	33,571	10,192	13,368	217,662	1,336	5,461	12,741
Adjustment to annual required contribution	(12,411)	(25,951)	(7,879)	(10,334)	(168,261)	(1,033)	(4,221)	(9,850)
Annual OPEB cost/(expense)	153,844	375,912	139,707	83,189	2,509,153	77,065	103,356	106,569
Expected Employer premiums	(82,326)	(136,945)	(65,068)	(3,762)	(667,434)	(1,863)	(29,275)	(2,428)
OPEB Trust contributions	0	0	(10,500)	0	(402,704)	(52,112)	(20,000)	0
Employer contributions (including subsidy)	(82,326)	(136,945)	(75,568)	(3,762)	(1,070,138)	(53,975)	(49,275)	(2,428)
Change in Net OPEB Obligation	71,518	238,967	64,139	79,427	1,439,015	23,090	54,081	104,141
Net OPEB Obligation (Asset) - beginning of year	401,386	839,264	254,798	334,188	5,441,567	33,404	136,513	318,536
Net OPEB Obligation (Asset) - end of year	472,904	1,078,231	318,937	413,615	6,880,582	56,494	190,594	422,677
Dukes County Pooled OPEB Trust Postemployment Benefits Other Than Pensions								
Actuarial Valuation as of July 1, 2012								

SECTION 10 - RESULTS BY PARTICIPATING EMPLOYER

Unit	County of Duke's County	Martha's Vineyard Airport	Martha's Vineyard Commission	Martha's Vineyard Land Bank	Martha's Vineyard Regional School District	Martha's Vineyard Regional Transit	Martha's Vineyard Refuse District	Martha's Vineyard District	Oak Bluffs' Water District
Actuarial Accrued Liability - July 1, 2013									
Total	2,888,454	4,572,380	2,227,100	1,210,735	31,468,645	669,372	1,440,763	1,212,372	
Actuarial Value of Plan Assets - July 1, 2013									
Beginning Balance, July 1, 2012	0	0	10,500	0	0	92,442	0	0	
OPEB Trust Contributions	0	0	10,500	0	402,704	52,112	20,000	0	
Expenses	0	0	(69)	0	(805)	(528)	(40)	0	
Investment Earnings	0	0	1,245	0	9,837	9,979	489	0	
Ending Balance, July 1, 2013	0	0	22,176	0	411,736	154,005	20,449	0	
Unfunded Actuarial Accrued Liability	2,888,454	4,572,380	2,204,924	1,210,735	31,056,909	515,367	1,420,314	1,212,372	
Annual Required Contribution (ARC) for FYE 2014									
Normal Cost	59,716	229,025	68,618	43,784	1,507,860	60,784	58,239	68,051	
Amortization of UAL	89,731	142,043	68,497	37,612	964,800	16,010	44,123	37,663	
Interest	5,978	14,843	5,485	3,256	98,905	3,072	4,094	4,229	
Total	155,425	385,911	142,600	84,652	2,571,565	79,866	106,456	109,943	
Annual OPEB Cost for FYE 2014									
Annual Required Contribution	155,425	385,911	142,600	84,652	2,571,565	79,866	106,456	109,943	
Interest on Net OPEB Obligation	18,916	43,129	12,757	16,545	275,223	2,260	7,624	16,907	
Adjustment to annual required contribution	(14,623)	(33,339)	(9,862)	(12,790)	(212,758)	(1,747)	(5,893)	(13,070)	
Annual OPEB cost/(expense)	159,718	395,701	145,495	88,407	2,634,030	80,379	108,187	113,780	
Expected Employer premiums	(97,270)	(153,259)	(60,989)	(4,938)	(761,588)	(3,725)	(22,285)	(6,863)	
OPEB Trust contributions	0	0	0	0	0	(18,708)	0	0	
Employer contributions (including subsidy)	(97,270)	(153,259)	(60,989)	(4,938)	(761,588)	(22,433)	(22,285)	(6,863)	
Change in Net OPEB Obligation	62,448	242,442	84,506	83,469	1,872,442	57,946	85,902	106,917	
Net OPEB Obligation (Asset) - beginning of year	472,904	1,078,231	318,937	413,615	6,880,582	56,494	190,594	422,677	
Net OPEB Obligation (Asset) - end of year	535,352	1,320,673	403,443	497,084	8,753,024	114,440	276,496	529,594	

Dukes County Pooled OPEB Trust Postemployment Benefits Other Than Pensions
Actuarial Valuation as of July 1, 2012

SECTION 10 - RESULTS BY PARTICIPATING EMPLOYER

Unit	Town of Aquinnah	Town of Chilmark	Town of Chilmark Tri- Ambulance	Town of Edgartown	Town of Oak Bluffs	Oak Bluffs Wastewater	Oak Bluffs School	Town of Tisbury
Summary of Member Data								
Active Employees	17	28	4	179	83	6	80	73
Average Age	49.7	50.2	34.9	49.0	49.3	52.1	44.6	49.7
Average Service	8.9	9.3	0.6	10.7	8.4	6.1	8.7	10.5
Covered Payroll	679,174	1,332,949	236,176	10,032,689	4,231,314	239,692	4,709,769	4,051,170
Retired Employees and Survivors	5	14	0	92	41	1	21	42
Average Age	65.2	62.7	0.0	68.5	68.1	53.0	67.0	71.6
Actuarial Accrued Liability - July 1, 2012								
Active Employees	1,409,440	2,799,353	280,127	19,447,663	7,383,759	517,183	7,760,679	6,842,726
Retired Employees and Survivors	638,418	3,106,981	0	12,571,127	6,771,147	516,544	2,538,491	4,398,123
Total	2,047,858	5,906,334	280,127	32,018,790	14,154,906	1,033,727	10,299,170	11,240,849
Actuarial Value of Plan Assets - July 1, 2012								
	0	403,576	0	150,000	0	0	0	0
Unfunded Actuarial Accrued Liability								
	2,047,858	5,502,758	280,127	31,868,790	14,154,906	1,033,727	10,299,170	11,240,849
Annual Required Contribution (ARC) for FYE 2013								
Normal Cost	153,796	445,764	41,964	1,292,906	574,250	32,814	718,000	433,289
Amortization of UAL	63,618	170,945	8,702	990,021	439,730	32,113	319,950	349,203
Interest	8,697	24,668	2,027	91,317	40,559	2,597	41,518	31,300
Total	226,111	641,377	52,693	2,374,244	1,054,539	67,524	1,079,468	813,792
Annual OPEB Cost for FYE 2013								
Annual Required Contribution	226,111	641,377	52,693	2,374,244	1,054,539	67,524	1,079,468	813,792
Interest on Net OPEB Obligation	29,716	16,450	2,455	182,071	253,759	0	0	165,158
Adjustment to annual required contribution	(22,971)	(12,716)	(1,898)	(140,747)	(196,166)	0	0	(127,673)
Annual OPEB cost/(expense)	232,856	645,111	53,250	2,415,568	1,112,132	67,524	1,079,468	851,277
Expected Employer premiums	(40,267)	(154,674)	(2,037)	(807,577)	(351,374)	(18,265)	(174,377)	(293,461)
OPEB Trust contributions	(150,472)	0	0	(150,000)	0	0	0	0
Employer contributions (including subsidy)	(190,739)	(154,674)	(2,037)	(957,577)	(351,374)	(18,265)	(174,377)	(293,461)
Change in Net OPEB Obligation	42,117	490,437	51,213	1,457,991	760,758	49,259	905,091	557,816
Net OPEB Obligation (Asset) - beginning of year	742,893	411,240	61,367	4,551,771	6,344,000	0	0	4,128,939
Net OPEB Obligation (Asset) - end of year	785,010	901,677	112,580	6,009,762	7,104,758	49,259	905,091	4,686,755
Dukes County Pooled OPEB Trust Postemployment Benefits Other Than Pensions Actuarial Valuation as of July 1, 2012								

SECTION 10 - RESULTS BY PARTICIPATING EMPLOYER

Unit	Town of Aquinnah	Town of Chilmark	Town of Chilmark Tri- Ambulance	Town of Edgartown	Town of Oak Bluffs	Oak Bluffs Wastewater	Oak Bluffs School	Town of Tisbury
Actuarial Accrued Liability - July 1, 2013								
Total	2,248,656	6,448,445	332,897	33,820,594	14,959,990	1,090,576	11,280,026	11,841,831
Actuarial Value of Plan Assets - July 1, 2013								
Beginning Balance, July 1, 2012	0	403,576	0	150,000	0	0	0	0
OPEB Trust Contributions	150,472	0	0	150,000	0	0	0	0
Expenses	(301)	(1,849)	0	(863)	0	0	0	0
Investment Earnings	3,676	38,006	0	14,213	0	0	0	0
Ending Balance, July 1, 2013	153,847	439,733	0	313,350	0	0	0	0
Unfunded Actuarial Accrued Liability	2,094,809	6,008,712	332,897	33,507,244	14,959,990	1,090,576	11,280,026	11,841,831
Annual Required Contribution (ARC) for FYE 2014								
Normal Cost	159,948	463,594	43,643	1,344,622	597,219	34,127	746,720	450,621
Amortization of UAL	65,076	186,664	10,342	1,040,922	464,741	33,879	350,420	367,873
Interest	9,001	26,010	2,159	95,422	42,479	2,720	43,885	32,740
Total	234,025	676,268	56,144	2,480,966	1,104,439	70,726	1,141,025	851,234
Annual OPEB Cost for FYE 2014								
Annual Required Contribution	234,025	676,268	56,144	2,480,966	1,104,439	70,726	1,141,025	851,234
Interest on Net OPEB Obligation	31,400	36,067	4,503	240,391	284,191	1,970	36,204	187,470
Adjustment to annual required contribution	(24,274)	(27,881)	(3,481)	(185,831)	(219,689)	(1,523)	(27,987)	(144,921)
Annual OPEB cost/(expense)	241,151	684,454	57,166	2,535,526	1,168,941	71,173	1,149,242	893,783
Expected Employer premiums	(49,195)	(167,609)	(4,065)	(892,751)	(374,782)	(23,871)	(201,642)	(332,731)
OPEB Trust contributions	0	0	0	(250,000)	0	0	0	0
Employer contributions (including subsidy)	(49,195)	(167,609)	(4,065)	(1,142,751)	(374,782)	(23,871)	(201,642)	(332,731)
Change in Net OPEB Obligation	191,956	516,845	53,101	1,392,775	794,159	47,302	947,600	561,052
Net OPEB Obligation (Asset) - beginning of year	785,010	901,677	112,580	6,009,762	7,104,758	49,259	905,091	4,686,755
Net OPEB Obligation (Asset) - end of year	976,966	1,418,522	165,681	7,402,537	7,898,917	96,561	1,852,691	5,247,807

Dukes County Pooled OPEB Trust Postemployment Benefits Other Than Pensions
Actuarial Valuation as of July 1, 2012

SECTION 10 - RESULTS BY PARTICIPATING EMPLOYER

Unit	Town of		Town of West			Total
	Town of Tisbury School	Tisbury Water Works	Town of West Tisbury	Tisbury Council on Aging	Up-Island Regional School District	
Summary of Member Data						
Active Employees	68	7	29	3	89	908
Average Age	45.4	55.5	51.5	48.3	48.9	48.6
Average Service	8.7	12.9	11.0	14.4	10.0	9.7
Covered Payroll	3,780,144	397,458	1,836,340	179,857	4,832,827	52,436,938
Retired Employees and Survivors	55	7	10	0	36	431
Average Age	67.7	67.4	64.7	0.0	65.7	68.1
Actuarial Accrued Liability - July 1, 2012						
Active Employees	6,664,431	1,092,768	3,324,731	328,649	9,471,973	95,147,794
Retired Employees and Survivors	5,945,567	1,195,532	1,882,901	0	4,902,341	59,529,817
Total	12,609,998	2,288,300	5,207,632	328,649	14,374,314	154,677,611
Actuarial Value of Plan Assets - July 1, 2012	0	0	664,445	41,932	50,000	1,412,895
Unfunded Actuarial Accrued Liability	12,609,998	2,288,300	4,543,187	286,717	14,324,314	153,264,716
Annual Required Contribution (ARC) for FYE 2013						
Normal Cost	467,830	56,728	242,400	1,429	565,079	7,041,707
Amortization of UAL	391,737	71,087	141,137	8,907	444,993	4,761,252
Interest	34,383	5,113	15,341	413	40,403	472,118
Total	893,950	132,928	398,878	10,749	1,050,475	12,275,077
Annual OPEB Cost for FYE 2013						
Annual Required Contribution	893,950	132,928	398,878	10,749	1,050,475	12,275,077
Interest on Net OPEB Obligation	0	12,271	25,782	1,142	57,508	1,056,698
Adjustment to annual required contribution	0	(9,486)	(19,930)	(883)	(44,456)	(816,866)
Annual OPEB cost/(expense)	893,950	135,713	404,730	11,008	1,063,527	12,514,909
Expected Employer premiums	(369,895)	(77,667)	(125,383)	(1,636)	(306,829)	(3,712,543)
OPEB Trust contributions	0	0	(76,000)	0	(100,000)	(961,788)
Employer contributions (including subsidy)	(369,895)	(77,667)	(201,383)	(1,636)	(406,829)	(4,674,331)
Change in Net OPEB Obligation	524,055	58,046	203,347	9,372	656,698	7,840,578
Net OPEB Obligation (Asset) - beginning of year	0	306,781	644,546	28,549	1,437,704	26,417,446
Net OPEB Obligation (Asset) - end of year	524,055	364,827	847,893	37,921	2,094,402	34,258,024
Dukes County Pooled OPEB Trust Postemployment Benefits Other Than Pensions Actuarial Valuation as of July 1, 2012						

SECTION 10 - RESULTS BY PARTICIPATING EMPLOYER

Unit	Town of		Town of West			Total
	Town of Tisbury School	Tisbury Water Works	Town of West Tisbury	Tisbury Council on Aging	Up-Island Regional School District	
Actuarial Accrued Liability - July 1, 2013						
Total	13,223,721	2,359,624	5,540,167	341,613	15,224,063	164,402,024
Actuarial Value of Plan Assets - July 1, 2013						
Beginning Balance, July 1, 2012	0	0	664,445	41,932	50,000	1,412,895
OPEB Trust Contributions	0	0	76,000	0	100,000	961,788
Expenses	0	0	(3,045)	(192)	(429)	(8,121)
Investment Earnings	0	0	62,574	3,949	7,151	151,119
Ending Balance, July 1, 2013	0	0	799,974	45,689	156,722	2,517,681
Unfunded Actuarial Accrued Liability	13,223,721	2,359,624	4,740,193	295,924	15,067,341	161,884,343
Annual Required Contribution (ARC) for FYE 2014						
Normal Cost	486,543	58,997	252,096	1,486	587,682	7,323,375
Amortization of UAL	410,802	73,303	147,257	9,193	468,075	5,029,026
Interest	35,894	5,292	15,975	427	42,230	494,096
Total	933,239	137,592	415,328	11,106	1,097,987	12,846,497
Annual OPEB Cost for FYE 2014						
Annual Required Contribution	933,239	137,592	415,328	11,106	1,097,987	12,846,497
Interest on Net OPEB Obligation	20,962	14,593	33,916	1,517	83,776	1,370,321
Adjustment to annual required contribution	(16,205)	(11,281)	(26,218)	(1,173)	(64,762)	(1,059,308)
Annual OPEB cost/(expense)	937,996	140,904	423,026	11,450	1,117,001	13,157,510
Expected Employer premiums	(411,854)	(75,930)	(142,389)	(3,613)	(340,565)	(4,131,914)
OPEB Trust contributions	0	0	(99,000)	0	0	(367,708)
Employer contributions (including subsidy)	(411,854)	(75,930)	(241,389)	(3,613)	(340,565)	(4,499,622)
Change in Net OPEB Obligation	526,142	64,974	181,637	7,837	776,436	8,657,888
Net OPEB Obligation (Asset) - beginning of year	524,055	364,827	847,893	37,921	2,094,402	34,258,024
Net OPEB Obligation (Asset) - end of year	1,050,197	429,801	1,029,530	45,758	2,870,838	42,915,912

Dukes County Pooled OPEB Trust Postemployment Benefits Other Than Pensions
Actuarial Valuation as of July 1, 2012