Annual Financial Statements

For the Year Ended June 30, 2017

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Additional Offices:

Nashua, NH Manchester, NH Andover, MA Ellsworth, ME

INDEPENDENT AUDITORS' REPORT

To the Prudential Committee Turners Falls Fire District Turners Falls, Massachusetts

We have audited the accompanying financial statements of the governmental activities, each major fund, and the aggregate remaining fund information of the Turners Falls Fire District, as of and for the year ended June 30, 2017, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the Table of Contents.

Management's Responsibility for the Financial Statements

The District's management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Opinions

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities, each major fund, and the aggregate remaining fund information of the Turners Falls Fire District, as of June 30, 2017, and the respective changes in financial position and the respective budgetary comparison for the general fund for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that Management's Discussion and Analysis, and the Pension and OPEB Schedules appearing on pages 43 to 47 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with evidence sufficient to express an opinion or provide any assurance.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated December 4, 2017 on our consideration of the District's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the District's internal control over financial reporting and compliance.

Melanson Heath

December 4, 2017

MANAGEMENT'S DISCUSSION AND ANALYSIS

As management of the Turners Falls Fire District, we offer readers this narrative overview and analysis of the financial activities of the District for the fiscal year ended June 30, 2017.

A. OVERVIEW OF THE FINANCIAL STATEMENTS

This discussion and analysis is intended to serve as an introduction to the basic financial statements. The basic financial statements are comprised of three components: (1) government-wide financial statements, (2) fund financial statements, and (3) notes to financial statements. This report also contains other supplementary information in addition to the basic financial statements themselves.

<u>Government-wide financial statements</u>. The government-wide financial statements are designed to provide readers with a broad overview of our finances in a manner similar to a private-sector business.

The Statement of Net Position presents information on all assets, liabilities, and deferred outflows/inflows of resources with the difference reported as net position. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position is improving or deteriorating.

The Statement of Activities presents information showing how the government's net position changed during the most recent fiscal year. All changes in net position are reported as soon as the underlying event giving rise to the change occurs, regardless of the timing of related cash flows. Thus, revenues and expenses are reported in this statement for some items that will only result in cash flows in future fiscal periods (e.g., uncollected taxes and earned but unused vacation leave).

The governmental activities include general government, public safety, and water.

Fund financial statements. A fund is a grouping of related accounts that is used to maintain control over resources that have been segregated for specific activities or objectives. Fund accounting is used to ensure and demonstrate compliance with finance-related legal requirements. All of the funds can be divided into two categories: governmental funds and fiduciary funds.

Governmental funds. Governmental funds are used to account for essentially the same functions reported as governmental activities in the government-wide financial statements. However, unlike the government-wide financial statements, governmental fund financial statements focus on near-term inflows and outflows of spendable resources, as well as on balances of spendable resources available

at the end of the fiscal year. Such information may be useful in evaluating a government's near-term financing requirements.

Because the focus of governmental funds is narrower than that of the government-wide financial statements, it is useful to compare the information presented for governmental funds with similar information presented for governmental activities in the government-wide financial statements. By doing so, readers may better understand the long-term impact of the government's near-term financing decisions. Both the governmental fund balance sheet and the governmental fund statement of revenues, expenditures and changes in fund balances provide a reconciliation to facilitate this comparison between governmental funds and governmental activities.

An annual appropriated budget is adopted for the general fund. A budgetary comparison statement has been provided for the general fund to demonstrate compliance with this budget.

Fiduciary funds. Fiduciary funds are used to account for resources held for the benefit of parties outside the government. Fiduciary funds are not reflected in the government-wide financial statements because the resources of those funds are not available to support the District's own programs. The accounting used for fiduciary funds is much like that used for proprietary funds.

Notes to financial statements. The notes provide additional information that is essential to a full understanding of the data provided in the government-wide and fund financial statements.

<u>Other information</u>. In addition to the basic financial statements and accompanying notes, this report also presents certain required supplementary information which is required to be disclosed by accounting principles generally accepted in the United States of America.

B. FINANCIAL HIGHLIGHTS

- As of the close of the current fiscal year, the total of assets and deferred outflows exceeded liabilities and deferred inflows by \$4,670,943 (i.e., net position), a change of \$19,829 in comparison to the prior year.
- As of the close of the current fiscal year, governmental funds reported combined ending fund balances of \$1,631,766, a change of \$76,596 in comparison with the prior year.
- At the end of the current fiscal year, unassigned fund balance for the general fund was \$972,441, a change of \$251,229 in comparison with the prior year.

C. GOVERNMENT-WIDE FINANCIAL ANALYSIS

The following is a summary of condensed government-wide financial data for the current and prior fiscal years.

	NET POSIT	ION							
		Governmental							
		<u>A0</u>	ctivities						
		2017		<u>2016</u>					
Current and other assets Capital assets	\$	1,836,681 6,586,708	\$	1,731,331 6,773,962					
Total Assets		8,423,389		8,505,293					
Deferred outflows		479,896		303,075					
Total Assets and Deferred Outflows of Resources		8,903,285		8,808,368					
Non-current liabilities Other liabilities		3,884,898 232,132		3,900,245 257,009					
Total Liabilities		4,117,030		4,157,254					
Deferred inflows		115,312		-					
Total Liabilities and Deferred Inflows of Resources		4,232,342		4,157,254					
Net position: Invested in capital assets, net Restricted Unrestricted		5,212,262 645,649 (1,186,968)		5,125,251 699,197 (1,173,334)					
Total Net Position	\$	4,670,943	\$	4,651,114					

As noted earlier, net position may serve over time as a useful indicator of a government's financial position. At the close of the most recent fiscal year, total net position was \$4,670,943, a change of \$19,829 from the prior year.

The largest portion of net position \$5,212,262 reflects our investment in capital assets (e.g., land, buildings, machinery, equipment, and infrastructure), less any related debt used to acquire those assets that is still outstanding. These capital assets are used to provide services to citizens; consequently, these assets are not available for future spending. Although the investment in capital assets is reported net of related debt, it should be noted that the resources needed to repay this debt must be provided from other sources, since the capital assets themselves cannot be used to liquidate these liabilities.

An additional portion of net position \$645,649 represents resources that are subject to external restrictions on how they may be used. The remaining balance of unrestricted net position was a deficit of \$(1,186,968).

CHANGES IN NET POSITION

		Governmental <u>Activities</u>						
		<u>2017</u>		<u>2016</u>				
Revenues:								
Program revenues:	•	070 404	•	755 000				
Charges for services	\$	679,104	\$	755,236				
Operating grants and contributions General revenues:		33,142		12,175				
Property taxes		2,262,453		2,001,018				
Penalties and interest on taxes		16,373		13,397				
Investment income		4,237		4,542				
Other		-		20,519				
Total Revenues		2,995,309		2,806,887				
Expenses:								
General government		278,429		687,060				
Public safety		1,740,245		1,261,552				
Public works		719,920		625,438				
Interest		36,468		34,874				
Unallocated depreciation		200,418		200,418				
Total Expenses		2,975,480		2,809,342				
Change in net position before transfers		19,829		(2,455)				
Transfer (out)		-		(20,000)				
Change in net position		19,829		(22,455)				
Net position - beginning of year		4,651,114		4,673,569				
Net position - end of year	\$	4,670,943	\$	4,651,114				

<u>Governmental activities</u>. Governmental activities for the year resulted in a change in net position of \$19,829. Key elements of this change are as follows:

- General fund operations, as discussed further in section D \$130,144.
- Water fund expenditures over revenues \$(69,775).
- Special revenue fund revenues over expenditures \$16,227.
- Debt principal maturities in excess of depreciation of \$(25,944).

- Capital asset additions of \$112,955.
- Current year change in net pension liability, net of deferred inflows and outflows of \$(48,091).
- Current year change in other post-employment benefits liability \$(87,578).
- Other GAAP accruals \$(8,109).

D. FINANCIAL ANALYSIS OF THE GOVERNMENT'S FUNDS

As noted earlier, fund accounting is used to ensure and demonstrate compliance with finance-related legal requirements.

Governmental funds. The focus of governmental funds is to provide information on near-term inflows, outflows and balances of spendable resources. Such information is useful in assessing financing requirements. In particular, unassigned fund balance may serve as a useful measure of a government's net resources available for spending at the end of the fiscal year.

As of the end of the current fiscal year, governmental funds reported combined ending fund balances of \$1,631,766, a change of \$76,596 in comparison with the prior year. Key elements of this change are as follows:

General fund revenues in excess of expenditures	\$ 130,144
Water fund expenditures in excess of revenue	(69,775)
Special revenue fund revenues in excess of expenditures	 16,227
Total	\$ 76,596

The general fund is the chief operating fund. At the end of the current fiscal year, unassigned fund balance of the general fund was \$972,441, while total fund balance was \$986,117. As a measure of the general fund's liquidity, it may be useful to compare both unassigned fund balance and total fund balance to total general fund expenditures. Refer to the table below.

General Fund		<u>2017</u>	<u>2016</u>		Change	% of Total 2017 General Fund <u>Expenditures</u>
General fund - unassigned Stabilization fund	\$	870,905 101,536	\$ 620,774 100,438	\$	250,131 1,098	40% 5%
Total unassigned	\$_	972,441	\$ 721,212	\$_	251,229	45%
Total fund balance	\$	986,117	\$ 855,973	\$	130,144	45%

The total fund balance of the general fund changed by \$130,144 during the current fiscal year. Key factors in this change are as follows:

Non property tax revenues over budget	\$	6,808
Excess (shortfall) of property tax collections		129,461
Expenditures less than budget		109,852
Use of fund balance and prior year encumbrances as funding sources		(28,300)
Expenditures in the current year, funded by a previous year budget		(97,691)
Current year expenditure carryforwards to be expended in a subsequent year		13,676
Stabilization interest income		1,098
Other GAAP accruals	_	(4,760)
Total	\$	130,144

E. GENERAL FUND BUDGETARY HIGHLIGHTS

There were no differences between the original budget and the final amended budget.

F. CAPITAL ASSET AND DEBT ADMINISTRATION

<u>Capital assets</u>. Total investment in capital assets for governmental activities at year end amounted to \$6,586,708 (net of accumulated depreciation). This investment in capital assets includes land, buildings and system, improvements, and machinery and equipment.

Major capital asset events during the current fiscal year included the following:

- Two vehicle purchases of \$90,754.
- Compression machine of \$13,726.
- Other firefighting equipment of \$8,475.
- Depreciation expense of \$(300,209).

Additional information on capital assets can be found in the footnotes to the financial statements.

Long-term debt. At the end of the current fiscal year, total long-term debt outstanding was \$1,374,446, all of which was backed by the full faith and credit of the government.

Additional information on long-term debt can be found in the footnotes to the financial statements.

REQUESTS FOR INFORMATION

This financial report is designed to provide a general overview of the District's finances for all those with an interest in the government's finances. Questions concerning any of the information provided in this report or requests for additional financial information should be addressed to:

Ms. Eileen Tela, District Accountant Turners Falls Fire District 226 Millers Falls Road Turners Falls, MA 01376

STATEMENT OF NET POSITION

JUNE 30, 2017

	(Governmental <u>Activities</u>
ASSETS		
Current: Cash and short-term investments	¢	1 664 900
Cash and short-term investments Receivables, net of allowance for uncollectibles:	\$	1,664,890
Property taxes		72,501
User fees		26,396
Departmental		15,895
Intergovernmental		13,672
Noncurrent:		
Receivables, net of allowance for uncollectibles:		
Property taxes		43,327
Land		613,161
Capital assets, net of accumulated depreciation		5,973,547
DEFERRED OUTFLOWS OF RESOURCES Related to pensions		479,896
Related to perisions	_	479,890
TOTAL ASSETS AND DEFERRED OUTFLOWS		
OF RESOURCES		8,903,285
LIABILITIES		
Current:		
Warrants payable		45,670
Accrued payroll and withholdings		46,043
Accrued interest payable		10,217
Other current liabilities		12,299
Current portion of long-term liabilities:		
Loans payable		50,903
Note payable Noncurrent:		67,000
Loans payable, net of current portion		896,543
Notes payable, net of current portion		360,000
Net OPEB liability		1,078,368
Net pension liability		1,378,439
Compensated absences		171,548
DEFERRED INFLOWS OF RESOURCES		
Related to pensions		115,312
TOTAL LIABILITIES AND DEFERRED	-	4,232,342
INFLOWS OF RESOURCES		
NET POSITION		
Invested in capital assets, net of related debt		5,212,262
Restricted for:		045 040
Grants and other statutory restrictions Unrestricted		645,649 (1,186,968)
	\$	4,670,943
	φ_	4,070,945

TURNERS FALLS FIRE DISTRICT STATEMENT OF ACTIVITIES FOR THE YEAR ENDED JUNE 30, 2017

		Expenses		Program Revenues Operating Charges for Grants and Services Contributions			Net (Expenses) Revenues and Changes in Net Position Governmental Activities
Governmental Activities:		<u> </u>					
General government	\$	278,429	\$	-	\$	-	\$ (278,429)
Public safety		1,740,245		58,487		33,142	(1,648,616)
Public works		719,920		620,617		-	(99,303)
Interest		36,468		-		-	(36,468)
Unallocated depreciation	_	200,418	_			-	(200,418)
Total	\$_	2,975,480	-	679,104	\$	33,142	(2,263,234)
			General F				
			Property	taxes			2,262,453
			Penalties	s, interest and	other	taxes	16,373
			Investme	nt income			4,237
			Total gene	ral revenues		2,283,063	
			Change i	n Net Position	19,829		
			Net Positi	on:			
			Beginnin	g of year	4,651,114		
			End of ye	ear			\$ 4,670,943

TURNERS FALLS FIRE DISTRICT GOVERNMENTAL FUNDS BALANCE SHEET

JUNE 30, 2017

ASSETS		General		Water		Special Revenue <u>Funds</u>	G	Total Governmental <u>Funds</u>
Cash and short-term investments	\$	1,051,830	\$	561,793	\$	51,267	\$	1,664,890
Receivables: Property taxes		88,686						88,686
Tax liens and foreclosures		79,002		_		-		79,002
User fees, net of allowance for uncollectibles		-		26,396		-		26,396
Departmental		2,337		-		13,558		15,895
Intergovernmental	_	-		13,426	-	246	_	13,672
TOTAL ASSETS	\$	1,221,855	\$	601,615	\$	65,071	\$_	1,888,541
LIABILITIES AND FUND BALANCES	_				_		_	
Liabilities:								
Warrants payable	\$	42,397	\$	2,568	\$	705	\$	45,670
Accrued payroll and withholdings		36,318		9,725		-		46,043
Other liabilities	-	4,260	_	4,616	-	3,423	_	12,299
TOTAL LIABILITIES		82,975		16,909		4,128		104,012
DEFERRED INFLOWS OF RESOURCES								
Unavailable revenues		152,763		-		-		152,763
Fund Balances: Reserved for:								
Restricted		-		260,337		18,785		279,122
Committed		13,676		324,369		42,158		380,203
Unassigned	-	972,441		-	-	-	-	972,441
TOTAL FUND BALANCES	-	986,117	_	584,706	-	60,943	-	1,631,766
TOTAL LIABILITIES, DEFERRED INFLOWS OF								
RESOURCES AND FUND BALANCES	\$_	1,221,855	\$	601,615	\$	65,071	\$_	1,888,541

RECONCILIATION OF TOTAL GOVERNMENTAL FUND BALANCES TO NET POSITION OF GOVERNMENTAL ACTIVITIES IN THE STATEMENT OF NET POSITION

JUNE 30, 2017

Total Governmental Fund Balances	\$	1,631,766
 Capital assets used in governmental activities are not financial resources and, therefore, are not reported in the funds. 		6,586,708
 Revenues are reported on the accrual basis of accounting and are not deferred until collection and are net of an allowance for uncollectible. 		100,903
 In the statement of activities, interest is accrued on outstanding long-term debt, whereas in governmental funds interest is not reported until due. 		(10,217)
 Long-term liabilities, including notes and loans payable, compensated absences, net OPEB liability, and net pension liability, net of deferrals, are not due and payable in the current period and therefore, are not reported in the 		(0.000.047)
governmental funds.	-	(3,638,217)
Net Position of Governmental Activities	\$ <u>_</u>	4,670,943
	_	

TURNERS FALLS FIRE DISTRICT GOVERNMENTAL FUNDS STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES FOR THE YEAR ENDED JUNE 30, 2017

		General	Water				Special Revenue <u>Funds</u>	Total Governmental <u>Funds</u>
Revenues:								
Property taxes	\$	2,268,756	\$		-	\$	-	\$ 2,268,756
Penalties, interest and								
other taxes		16,373			-		-	16,373
Charges for services		14,296			615,688		49,120	679,104
Intergovernmental		-			-		33,142	33,142
Investment income	_	4,237			-		-	4,237
Total Revenues		2,303,662			615,688		82,262	3,001,612
Expenditures:								
Current:								
General government		225,910			-		-	225,910
Public safety		1,219,120			-		66,035	1,285,155
Public works		-			585,463		-	585,463
Employee benefits		513,554			-		-	513,554
Debt service	_	214,934			100,000		-	314,934
Total Expenditures	_	2,173,518			685,463		66,035	2,925,016
Excess (deficiency) of								
revenues over expenditures		130,144			(69,775)		16,227	76,596
Fund Balance, at Beginning of Year	_	855,973			654,481		44,716	1,555,170
Fund Balance, at End of Year	\$_	986,117	\$	_	584,706	\$	60,943	\$ 1,631,766

RECONCILIATION OF THE STATEMENT OF REVENUES, EXPENDITURES, AND CHANGES IN FUND BALANCES OF GOVERNMENTAL FUNDS TO THE STATEMENT OF ACTIVITIES

FOR THE YEAR ENDED JUNE 30, 2017

Net Changes in Fund Balances - Total Governmental Funds	\$ 76,596
 Governmental funds report capital outlays as expenditures. However, in the Statement of Activities the cost of those assets is allocated over their estimated useful lives and reported as depreciation expense: 	
Capital outlay purchases Depreciation	112,955 (300,209)
• Revenues in the Statement of Activities that do not provide current financial resources are fully deferred in the Statement of Revenues, Expenditures, and Changes in Fund Balances. Therefore, the recognition of revenue for property tax receivables differ between the two statements. This amount represents the net change in deferred revenue, net of allowance for uncollectibles.	(6,303)
• The issuance of long-term debt (e.g., bonds and notes) provides current financial resources to governmental funds, while the repayment of the principal of long-term debt consumes the financial resources of governmental funds. Neither transaction, however, has any effect on net position:	
Repayments of debt	274,265
 In the Statement of Activities, interest is accrued on outstanding long-term debt, whereas in governmental funds interest is not reported until due. 	4,201
 Some expenses reported in the Statement of Activities, such as compensated absences, net OPEB liability, and net pension liability, do not require the use of current financial resources and therefore, are not reported as expenditures in the governmental funds. 	(141,676)
Change in Net Position of Governmental Activities	\$ 19,829

GENERAL FUND

STATEMENT OF REVENUES AND OTHER SOURCES, AND EXPENDITURES AND OTHER USES - BUDGET AND ACTUAL

FOR THE YEAR ENDED JUNE 30, 2017

	_	Bud	geted Amo	ounts			ariance with	
	Original <u>Budget</u>					Actual <u>Amounts</u>	F	inal Budget Positive <u>(Negative)</u>
Revenues and Other Sources:								
Taxes	\$	2,139,295	\$	2,139,295	\$	2,139,295	\$	-
Penalties, interest and other taxes		11,500		11,500		16,373		4,873
Charges for services		13,500		13,500		14,296		796
Investment income		2,000		2,000		3,139		1,139
Other sources		22,116		22,116		22,116		-
Reuse prior year encumbrances	-	6,184		6,184		6,184	_	-
Total Revenues and Other Sources		2,194,595		2,194,595		2,201,403		6,808
Expenditures and Other Uses:								
General government		242,017		242,017		225,935		16,082
Public safety		1,172,408		1,172,408		1,130,320		42,088
Debt service		224,000		224,000		214,934		9,066
Employee Benefits	_	556,170		556,170		513,554	_	42,616
Total Expenditures and Other Uses	_	2,194,595		2,194,595		2,084,743	_	109,852
Excess (deficiency) of revenues and other sources over expenditures and other uses	\$_	-	\$	5 <u> </u>	\$	116,660	\$_	116,660

FIDUCIARY FUNDS

STATEMENT OF FIDUCIARY NET POSITION

JUNE 30, 2017

<u>ASSETS</u>	E	ther Post- mployment Benefits rust Fund
Cash and short-term investments Total Assets	\$	40,186 40,186
NET POSITION Total Net Position	\$	40,186

FIDUCIARY FUNDS

STATEMENT OF CHANGES IN FIDUCIARY NET POSITION

FOR THE YEAR ENDED JUNE 30, 2017

Additions:	Other Post- Employment Benefits <u>Trust Fund</u>
Contributions:	
Employer	\$ 83,343
Total contributions	83,343
Investment income	120
Total additions	83,463
Deductions:	
Benefit payments to plan members and beneficiaries	83,343
Total deductions	83,343
Net increase	120
Net position: Beginning of year	40,066
End of year	\$ 40,186

Notes to Financial Statements

1. <u>Summary of Significant Accounting Policies</u>

The accounting policies of the Turners Falls Fire District (the District) conform to generally accepted accounting principles (GAAP) as applicable to governmental units. The following is a summary of the more significant policies:

A. <u>Reporting Entity</u>

The government is a municipal corporation governed by an elected Board of Commissioners. As required by generally accepted accounting principles, these financial statements present the government and applicable component units for which the government is considered to be financially accountable. In fiscal year 2017, it was determined that no entities met the required GASB-39 criteria of component units.

B. <u>Government-Wide and Fund Financial Statements</u>

Government-Wide Financial Statements

The government-wide financial statements (i.e., the statement of net position and the statement of activities) report information on all of the nonfiduciary activities of the primary government. For the most part, the effect of interfund activity has been removed from these statements. *Governmental activities* are normally supported by taxes, fees and intergovernmental revenues.

The statement of activities demonstrates the degree to which the direct expenses of a given function or segment are offset by program revenues. *Direct expenses* are those that are clearly identifiable with a specific function or segment. Program revenues include (1) charges to customers or applicants who purchase, use, or directly benefit from goods, services, or privileges provided by a given function or segment and (2) grants and contributions that are restricted to meeting the operational or capital requirements of a particular function or segment. Taxes and other items not properly included among program revenues are reported instead as *general revenues*.

Fund Financial Statements

Major individual governmental funds are reported as separate columns in the fund financial statements.

C. <u>Measurement Focus</u>, <u>Basis of Accounting</u>, <u>and Financial Statement</u> <u>Presentation</u>

Government-Wide Financial Statements

The government-wide financial statements are reported using the economic resources measurement focus and the accrual basis of accounting. Revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. Property taxes are recognized as revenues in the year for which they are levied. Grants and similar items are recognized as revenue as soon as all eligibility requirements imposed by the provider have been met. As a general rule, the effect of interfund activity has been eliminated from the government-wide financial statements.

Amounts reported as *program revenues* include (1) charges to customers or applicants for goods, services, or privileges provided, (2) operating grants and contributions, and (3) capital grants and contributions, including special assessments. Internally dedicated resources are reported as *general revenues* rather than as program revenues. Likewise, general revenues include all taxes and excises.

Fund Financial Statements

Governmental fund financial statements are reported using the *current financial resources measurement focus* and the *modified accrual basis of accounting*. Revenues are recognized as soon as they are both measurable and available. Revenues are considered to be available when they are collectible within the current period or soon enough thereafter to pay liabilities of the current period. For this purpose, the government considers property tax revenues to be available if they are collected within 60 days of the end of the current fiscal period. All other revenue items are considered to be measurable and available only when cash is received by the government. Expenditures generally are recorded when a liability is incurred, as under accrual accounting. However, debt service expenditures, as well as expenditures related to compensated absences and claims and judgments, are recorded only when payment is due.

The government reports the following major governmental funds:

- The *general fund* is the government's primary operating fund. It accounts for all financial resources of the general government, except those required to be accounted for in another fund.
- The *water fund* is used to account for all water revenues and related expenses, except for debt service, which is accounted for in the general fund.

• The *special revenue fund* is used to account for the District's ambulance fund and state grant activity.

The fiduciary fund financial statements are reported using the *economic resources measurement focus* and the *accrual basis of accounting*. Under this method, revenues are recognized when earned and expenses are recorded when liabilities are incurred.

The government reports the following fiduciary fund:

• The other post-employment benefit trust fund is used to accumulate resources for health and life insurance benefits for retired employees.

D. <u>Cash and Short-Term Investments</u>

Cash balances from all funds, except those required to be segregated by law, are combined to form a consolidation of cash. Cash balances are invested to the extent available, and interest earnings are recognized in the General Fund. Certain special revenue funds segregate cash, and investment earnings become a part of those funds.

Deposits with financial institutions consist primarily of demand deposits, certificates of deposits, and savings accounts. A cash and investment pool is maintained that is available for use by all funds. Each fund's portion of this pool is reflected on the combined financial statements under the caption "cash and short-term investments". The interest earnings attributable to each fund type is included under investment income.

E. Capital Assets

Capital assets, which include property, plant, equipment, and infrastructure assets are reported in the government-wide financial statements. Capital assets are defined by the government as assets with initial individual costs as detailed below and an estimated useful life in excess of two years. Such assets are recorded at historical cost or estimated historical cost if purchased or constructed. Donated capital assets are recorded at acquisition value at the date of donation.

The costs of normal maintenance and repairs that do not add to the value of the asset or materially extend assets lives are not capitalized.

Major outlays for capital assets and improvements are capitalized as projects are constructed.

Property, plant and equipment of the primary government are depreciated using the straight-line method over the following estimated useful lives:

		I	nitial Cost
Assets	Years		Over
Buildings	40	\$	100,000
Building improvements	20	\$	50,000
Water/sewer infrastructure	50	\$	150,000
Vehicles and equipment	5	\$	5,000

F. <u>Compensated Absences</u>

It is the government's policy to permit employees to accumulate earned but unused vacation and sick pay benefits. All vested sick and vacation pay is accrued when incurred in the government-wide financial statements. A liability for these amounts is reported in governmental funds only if they have matured, for example, as a result of employee resignations and retirements.

G. Long-Term Obligations

In the government-wide financial statements, long-term debt and other long-term obligations are reported as liabilities in the governmental activities statement of net position.

H. Fund Equity

Fund equity at the governmental fund financial reporting level is classified as "fund balance". Fund equity for all other reporting is classified as "net position".

<u>Fund Balance</u> - Generally, fund balance represents the difference between the current assets/deferred outflows and current liabilities/ deferred inflows. The District reserves those portions of fund balance that are legally segregated for a specific future use or which do not represent available, spendable resources and therefore, are not available for appropriation or expenditure. Unassigned fund balance indicates that portion of fund balance that is available for appropriation in future periods.

When an expenditure is incurred that would qualify for payment from multiple fund balance types, the District uses the following order to liquidate liabilities: restricted, committed, assigned, and unassigned.

<u>Net Position</u> - Net position represents the difference between assets/ deferred outflows and liabilities/deferred inflows. Net investment in capital assets, consist of capital assets, net of accumulated depreciation, reduced by the outstanding balances of any borrowing used for the acquisition, construction or improvement of those assets. Net position are reported as restricted when there are limitations imposed on their use either through the enabling legislation adopted by the District or through external restrictions imposed by creditors, grantors, or laws or regulations of other governments. All remaining net position is reported as unrestricted.

I. Use of Estimates

The preparation of basic financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosures for contingent assets and liabilities at the date of the basic financial statements, and the reported amounts of the revenues and expenditures/expenses during the fiscal year. Actual results could vary from estimates that were used.

2. <u>Stewardship, Compliance and Accountability</u>

A. <u>Budgetary Information</u>

At the annual District meeting, the Finance Committee presents an operating and capital budget for the proposed expenditures of the fiscal year commencing the following July 1. The budget, as enacted by District meeting, establishes the legal level of control and specifies that certain appropriations are to be funded by particular revenues. The original budget is amended during the fiscal year at special District meetings as required by changing conditions. In cases of extraordinary or unforeseen expenses, the Finance Committee is empowered to transfer funds from the reserve fund (a contingency appropriation) to a departmental appropriation. "Extraordinary" includes expenses which are not in the usual line, or are great or exceptional. "Unforeseen" includes expenses which are not foreseen as of the time of the annual meeting when appropriations are voted.

Departments are limited to the total departmental budget as voted. Certain items may exceed the departmental budget as approved if it is for an emergency and for the safety of the general public. These items are limited by the Massachusetts General Laws and must be raised in the next year's tax rate.

Formal budgetary integration is employed as a management control device during the year for the General Fund. Effective budgetary control is achieved for all other funds through provisions of the Massachusetts General Laws.

At year end, appropriation balances lapse, except for certain unexpended capital items and encumbrances which will be honored during the subsequent year.

B. Budgetary Basis

The General Fund final appropriation appearing on the "Budget and Actual" page of the fund financial statements represents the final amended budget after all reserve fund transfers and supplemental appropriations.

C. <u>Budget/GAAP Reconciliation</u>

The budgetary data for the general fund is based upon accounting principles that differ from generally accepted accounting principles (GAAP). Therefore, in addition to the GAAP basis financial statements, the results of operations of the general fund are presented in accordance with budgetary accounting principles to provide a meaningful comparison with budgetary data.

The following is a summary of adjustments made to the actual revenues and other sources, and expenditures and other uses, to conform to the budgetary basis of accounting.

General Fund	Fin	Revenues and Other ancing Sources		Expenditures and Other nancing Uses
	<u></u>	anding oduices	<u></u>	lancing 03es
Revenues/Expenditures (GAAP basis)	\$	2,303,662	\$	2,173,518
Remove the effect of adding the District's Stabilization				
fund per GASB 54		(1,098)		-
Adjust tax revenue to accrual basis		(129,461)		-
Reverse beginning of year appropriation carry- forwards from expenditures		-		(97,691)
Add end of year appropriation carryforwards				
to expenditures		-		13,676
Reverse GAAP adjustments		-		(4,760)
Recognize use of fund balance as funding source		28,300	_	-
Budgetary basis	\$	2,201,403	\$	2,084,743

3. Cash and Short-Term Investments

Custodial Credit Risk - Deposits. Custodial credit risk is the risk that in the event of a bank failure, the District's deposits may not be returned to it. Massachusetts General Laws Chapter 44, Section 55 limits deposits "in a

bank or trust company or banking company to an amount not exceeding sixty percent of the capital and surplus of such bank or trust company or banking company, unless satisfactory security is given to it by such bank or trust company or banking company for such excess." The District does not have a deposit policy for custodial credit risk.

As of June 30, 2017, none of the District's bank balance of \$1,730,424 was exposed to custodial credit risk as uninsured, uncollateralized, and collateral held by pledging bank's trust department not in the District's name.

4. <u>Taxes Receivable</u>

Real estate and personal property taxes are levied and based on values assessed on January 1 of every year. Assessed values are established by the Town of Montague's Board of Assessors for 100% of the estimated fair market value. Taxes are due on a semiannual basis and are subject to penalties and interest if they are not paid by the respective due date. Real estate and personal property taxes levied are recorded as receivables in the fiscal year they relate to.

The day after the final tax bill is due, a demand notice may be sent to the delinquent taxpayer. Fourteen days after the demand notice has been sent, the tax collector may proceed to file a lien against the delinquent taxpayers' property. The Town has an ultimate right to foreclose on property for unpaid taxes. Personal property taxes cannot be secured through the lien process.

Taxes receivable at June 30, 2017 consists of the following, net of an estimated allowance for doubtful account in the government-wide financial statements:

Receivables:		Gross <u>Amount</u>	Allowance for Doubtful <u>Accounts</u>	Net <u>Amount</u>		
Real estate taxes	\$	77,484	\$ (5,879)	\$	71,605	
Personal property taxes		11,202	(10,306)		896	
Tax liens		39,253	(7,851)		31,402	
Foreclosure	-	39,749	(27,824)		11,925	
Total property taxes	\$	167,688	\$ (51,860)	\$	115,828	

5. <u>User Fee Receivables</u>

Receivables for user charges at June 30, 2017 consist of the following:

		Allowance	
	Gross	for Doubtful	Net
	Amount	Accounts	Amount
Receivables:			
Water	\$_51,296_	\$ (24,900)	\$
Total	\$51,296	\$ (24,900)	\$ 26,396

6. Intergovernmental Receivables

The balance reported in the water fund represents the residual balance of a loan authorized and issued by the Massachusetts Clean Water Trust in fiscal year 2016, but not yet requested or received by the District. The receivable will be eliminated when the corresponding loan is de-obligated by the Trust.

7. Capital Assets

Capital asset activity for the year ended June 30, 2017 was as follows:

	Beginning							Ending
		Balance		Increases	Decreases			Balance
Governmental Activities:								
Capital assets, being depreciated:								
Buildings and improvements	\$	823,160	\$	-	\$	-	\$	823,160
Machinery, equipment, and furnishings		1,605,929		112,955		(22,398)		1,696,486
Infrastructure	_	9,510,817	-	-	-	-	_	9,510,817
Total capital assets, being depreciated		11,939,906		112,955		(22,398)		12,030,463
Less accumulated depreciation for:								
Buildings and improvements		(636,240)		(12,818)		-		(649,058)
Machinery, equipment, and furnishings		(1,059,253)		(99,790)		22,398		(1,136,645)
Infrastructure	_	(4,083,612)	-	(187,601)	-	-	_	(4,271,213)
Total accumulated depreciation	_	(5,779,105)	-	(300,209)	-	22,398	_	(6,056,916)
Total capital assets, being depreciated, net		6,160,801		(187,254)		-		5,973,547
Capital assets, not being depreciated:								
Land	_	613,161		-	-	-	_	613,161
Total capital assets, not being depreciated	_	613,161		-	-	-		613,161
Governmental activities capital assets, net	\$	6,773,962	\$	(187,254)	\$	-	\$_	6,586,708

Depreciation expense was charged to functions of the District as follows:

Governmental Activities:	
Public safety	\$ 69,899
Public works	29,892
Unallocated	200,418
Total depreciation expense - governmental activities	\$ 300,209

8. <u>Deferred Outflows of Resources</u>

Deferred outflows of resources represent the consumption of net position by the District that is applicable to future reporting periods. Deferred outflows of resources have a positive effect on net position, similar to assets. Deferred outflows of resources related to pensions in accordance with GASB Statement No. 68 Accounting and Financial Reporting for Pensions are more formally discussed in Note 16.

9. <u>Warrants Payable</u>

Warrants payable represent 2017 expenditures paid by July 15, 2017 as permitted by law.

10. Long-Term Debt

A. General Obligation Debt

The District issues USDA Rural Development Administration (RDA) and other loans and long-term notes to provide funds for the acquisition and construction of major capital facilities and equipment. RDA loans have been issued for general and water fund activities. Payment is not limited to a particular revenue source. General obligation debt and long-term notes payable currently outstanding is as follows:

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				Amount
	Serial		(Outstanding
	Maturities	Interest		as of
Loans Payable:	Through	Rate(s) %	<u>J</u>	une 30, 2017
Millers Falls main (RDA loan)	10/15/2029	3.25%	\$	185,465
New well construction (MCWT DWP-13-17)	7/15/2036	2.00%		761,981
Total Loans Payable				947,446
Long term notes payable:				
Fire alarm system	9/09/2017	1.20%		22,000
Water projects (refunding)	7/20/2025	3.01%	_	405,000
Total Long Term Note Payable			_	427,000
Total Long Term Debt			\$_	1,374,446

B. Future Debt Service

The annual payments to retire all long-term debt outstanding as of June 30, 2017 are as follows:

<u>Governmental</u>		Principal		Interest		<u>Total</u>
2018 2019 2020 2021 2022 2023 - 2027 2028 - 2032	\$	117,903 97,205 98,541 99,911 101,319 459,822 212,503	\$	36,333 33,470 30,839 28,172 25,470 83,117 31,658	\$	154,236 130,675 129,380 128,083 126,789 542,939 244,161
Thereafter	_	187,242	_	9,444		196,686
	م		<u>-</u>	,	¢.	· · ·
Total	\$	1,374,446	\$	278,503	\$	1,652,949

C. Changes in General Long-Term Liabilities

During the year ended June 30, 2017, the following changes occurred in long-term liabilities:

										Equals
		Total				Total		Less		Long-Term
		Balance				Balance		Current		Portion
		July 1, 2016	Additions	Reductions	J	une 30, 2017		Portion	J	lune 30, 2017
Governmental Activities										
Loans payable	\$	1,097,711	\$ -	\$ (150,265)	\$	947,446	\$	(50,903)	\$	896,543
Notes payable		551,000	-	(124,000)		427,000		(67,000)		360,000
Net OPEB liability		990,790	87,578	-		1,078,368		-		1,078,368
Net pension liability		1,268,839	109,600	-		1,378,439		-		1,378,439
Compensated absences	-	165,541	6,007	-	_	171,548	-	-	-	171,548
Totals	\$	4,073,881	\$ 203,185	\$ (274,265)	\$_	4,002,801	\$	(117,903)	\$	3,884,898

11. Deferred Inflows of Resources

Deferred inflows of resources are the acquisition of net position by the District that are applicable to future reporting periods. Deferred inflows of resources have a negative effect on net position, similar to liabilities. The District reports two items as deferred inflows of resources, one of which is attributable to changes in the net pension liability, and the other which arises from the current financial resources measurement focus and the modified accrual basis of accounting in governmental funds.

Deferred inflows of resources related to pension will be recognized in pension expense in future years and is more fully described in Note 16. Unavailable revenues are reported in the governmental funds balance sheet in connection with receivables for which revenues are not considered available to liquidate liabilities of the current year.

12. <u>Governmental Funds – Balances</u>

Fund balances are segregated to account for resources that are either not available for expenditure in the future or are legally set aside for a specific future use.

The District implemented GASB Statement No. 54 (GASB 54), *Fund Balance Reporting and Governmental Fund Type Definitions,* which enhances the usefulness of fund balance information by providing clearer fund balance classifications that can be more consistently applied and by clarifying existing governmental fund type definitions.

The following types of fund balances are reported at June 30, 2017:

<u>Restricted</u> - Represents amounts that are restricted to specific purposes by constraints imposed by creditors, grantors, contributors, or laws or regulations of other governments, or constraints imposed by law through constitutional provisions or enabling legislation. This fund balance classification includes the District's special revenue funds.

<u>Committed</u> - Represents amounts that can only be used for specific purposes pursuant to constraints imposed by formal action of the District's highest level of decision-making authority (District Meeting). This fund balance classification includes general fund encumbrances for non-lapsing, special article appropriations approved at District Meeting and the District's ambulance fund.

<u>Assigned</u> - Represents amounts that are constrained by the District's intent to use these resources for a specific purpose. This fund balance includes surplus (free cash) voted to be used in the subsequent fiscal year.

<u>Unassigned</u> - Represents amounts that are available to be spent in future periods.

Following is a breakdown of the District's fund balances at June 30, 2017:

	General <u>Fund</u>	Water <u>Fund</u>	Special Revenue <u>Funds</u>	Total Governmental <u>Funds</u>
Restricted				
Special revenue funds	\$ -	\$-	\$ 18,785	\$ 18,785
Water fund		260,337		260,337
Total Restricted	-	260,337	18,785	279,122
Committed				
Ambulance fund	-	-	42,158	42,158
Special articles	13,676	324,369		338,045
Total Committed	13,676	324,369	42,158	380,203
Unassigned				
General fund	870,905	-	-	870,905
Stabilization fund	101,536			101,536
Total Unassigned	972,441			972,441
Total Fund Balance	\$986,117	\$ 584,706	\$ 60,943	\$1,631,766

13. <u>Commitments and Contingencies</u>

<u>Grants</u> – Amounts received or receivable from grantor agencies are subject to audit and adjustment by grantor agencies, principally the federal government. Any disallowed claims, including amounts already collected, may constitute a liability of the applicable funds. The amount of expenditures which may be disallowed by the grantor cannot be determined at this time, although the District expects such amounts, if any, to be immaterial.

<u>Self-Insurance</u> – The District participates in the Hampshire County Group Insurance Trust to provide health insurance coverage to its employees. The Trust is funded by member assessments, which are calculated in a manner similar to commercial insurance premiums. As of June 30, 2016, the Trust contracted with an insurance carrier for excess liability coverage which takes effect when an individual claim exceeds \$250,000 and has a lifetime maximum of \$2 million per covered person.

If the Trust were to experience a cash deficit, each member would be required to contribute additional funds. At June 30, 2016, according to the Trust's audited financial statements, after accruing an estimated liability for incurred but unreported claims of approximately \$4.4 million, the Trust was in a surplus position of approximately \$19.4 million.

14. <u>Other Post-Employment Benefits – OPEB (GASB 45)</u>

GASB Statement No. 45, Accounting and Financial Reporting by Employers for Post-Employment Benefits Other Than Pensions, requires governments to account for other post-employment benefits (OPEB), primarily healthcare, on an accrual basis rather than on a pay-as-you-go basis. The effect is the recognition of an actuarially required contribution as an expense on the statement of revenues, expenses, and changes in net position when a future retiree earns their post-employment benefits, rather than when they use their post-employment benefit. To the extent that an entity does not fund their actuarially required contribution, a post-employment benefit liability is recognized on the Statement of Net Position over time.

A. Plan Description

In addition to providing the pension benefits described in the following footnote, the District provides post-employment health care and life insurance benefits for retired employees through the District's plan. The benefits, benefit levels, employee contributions and employer contributions are governed by Chapter 32 of the Massachusetts General Laws. As of June 30, 2017, the actuarial valuation date, approximately 11 retirees, 21 spouses and 16 active employees meet the eligibility requirements. The plan does not issue a separate financial report.

B. <u>Benefits Provided</u>

The District provides medical, prescription drug, mental health/ substance abuse and life insurance to retirees and their covered dependents. All active employees who retire from the District and meet the eligibility criteria will receive these benefits.

C. Funding Policy

Retirees contribute 20% of the cost of the health plan, as determined by the District. The District contributes the remainder of the health plan costs on a pay-as-you-go basis.

D. Annual OPEB Costs and Net OPEB Liability

The District's fiscal 2017 annual OPEB expense is calculated based on the annual required contribution of the employer (ARC), an amount actuarially determined in accordance with the parameters of GASB Statement No. 45. The ARC represents a level of funding that, if paid on an ongoing basis, is projected to cover the normal cost per year and amortize the unfunded actuarial liability over a period of thirty years. The following table shows the components of the District's annual OPEB cost for the year ending June 30, 2017, the amount actually contributed to the plan, and the change in the District's net OPEB liability based on an actuarial valuation as of June 30, 2017.

Annual Required Contribution (ARC) Interest of beginning net OPEB liability ARC adjustment		175,331 39,632 (44,042)
Annual OPEB cost		170,921
Contributions made		(83,343)
Increase in net OPEB liability		87,578
Net OPEB liability - beginning of year	_	990,790
Net OPEB liability - end of year	\$	1,078,368

The District's annual OPEB cost, the percentage of annual OPEB cost contributed to the plan, and the net OPEB liability were as follows:

Fiscal Year <u>Ended</u>	Ar	nual OPEB <u>Costs</u>	Percentage of OPEB Cost <u>Contributed</u>	Net OPEB <u>Liability</u>
2017	\$	170,921	49%	\$ 1,078,368
2016	\$	194,776	39%	\$ 990,790
2015	\$	170,520	47%	\$ 871,120
2014	\$	202,413	40%	\$ 780,521
2013	\$	204,278	36%	\$ 659,632
2012	\$	263,909	32%	\$ 529,600

E. Funded Status and Funding Progress

The funded status of the plan as of June 30, 2017, the date of the most recent actuarial valuation was as follows:

Actuarial accrued liability (AAL) Actuarial value of plan assets	\$ 2,083,098 (40,186)
Unfunded actuarial accrued liability (UAAL)	\$ 2,042,912
Funded ratio (actuarial value of plan assets/AAL)	1.9%
Covered payroll (active plan members)	1,132,878
UAAL as a percentage of covered payroll	180%

Actuarial valuations of an ongoing plan involve estimates of the value of reported amount and assumptions about the probability of occurrence of events far into the future. Examples included assumptions about future employment, mortality, and the healthcare cost trend. Amounts determined regarding the funded status of the plan and the annual required contributions of the employer are subject to continual revision as actual results are compared with past expectations and new estimates are made about the future. The schedule of funding progress, presented as required supplementary information following the notes to the financial statements, presents multiyear trend information that shows whether the actuarial value of plan assets is increasing or decreasing over time relative to the actuarial accrued liabilities for benefits.

F. Actuarial Methods and Assumptions

Projections of benefits for financial reporting purposes are based on the plan as understood by the District and the plan members and include the types of benefits provided at the time of each valuation and the historical pattern of sharing of benefit costs between the District and plan members to that point. The actuarial methods and assumptions used include techniques that are designed to reduce short-term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long-term perspective of the calculations.

In the June 30, 2017 actuarial valuation the entry age normal cost method was used. The actuarial value of assets was based on the value of the OPEB Trust cash accounts as of the valuation date. The actuarial assumptions included average salary increases of 2.5%, a 4% investment rate of return and an annual healthcare cost trend rate increasing from 3% to 5% long-term rate for all healthcare benefits beginning in year 7. The amortization costs for the initial UAAL is a level percentage of payroll for a period of 30 years, on a closed basis.

15. <u>Other Post-Employment Benefits – OPEB (GASB 74)</u>

In fiscal year 2015 the District established an OPEB Trust fund to provide funding for future employee health care costs.

Investments

The OPEB Trust fund does not have a formal investment policy. At June 30, 2017, the Trust's assets consisted of cash and cash equivalents. Concentration and rate of return information was not available.

Net OPEB Liability

The components of the net OPEB liability were as follows:

Total OPEB liability	\$	2,083,098
Plan fiduciary net position	_	(40,186)
Net OPEB liability	\$_	2,042,912
Plan fiduciary net position as a percentage of the total OPEB liability		1.9%

Actuarial assumptions. The total OPEB liability was determined by an actuarial valuation as of June 30, 2017, using the following actuarial assumptions, applied to all periods included in the measurement, unless otherwise specified:

Inflation	Not explicitly stated		
Salary increases	2.5 percent		
Investment rate of return	4 percent, net of OPEB plan including inflation		

Mortality rates were based on the *Life Expectancy Table* from the National Center for Health Statistics, updated in 2015.

The long-term expected rate of return on OPEB plan investments was not available.

Discount rate. The discount rate used to measure the total OPEB liability was 4%. The projection of cash flows used to determine the discount rate assumed that contributions from plan member will be made at the current contribution rate. Based on those assumptions, the OPEB plan fiduciary net position was not projected to be available to make all projected future benefit payments of current plan members.

Sensitivity of the net OPEB liability to changes in the discount rate. The following presents the net OPEB liability as well as what the net OPEB liability would be if it were calculated using a discount rate that is 1-percentage-point lower (3 percent) or 1-percentage-point higher (5 percent) than the current discount rate:

	1%	Discount	1%
	Decrease	Rate	Increase
	<u>(3%)</u>	<u>(4%)</u>	<u>(5%)</u>
Net OPEB liability	\$ 2,243,922	\$ 2,042,192	\$ 1,851,672

Sensitivity of the net OPEB liability to changes in the healthcare cost trend rates. The following presents the net OPEB liability as well as what the net OPEB liability would be if it were calculated using healthcare cost trend rates

that are 1-percentage-point lower (2 percent increasing to 4 percent) or 1-percentage-point higher (4 percent increasing to 6 percent) than the current healthcare cost trend rates:

		Healthcare	
		Cost Trend	
	1% Decrease	Rates	1% Decrease
	<u>(2% - 4%)</u>	<u>(3% - 5%)</u>	<u>(4% - 6%)</u>
Net OPEB liability	\$ 1,794,326	\$ 2,042,192	\$ 2,341,551

16. <u>Montague Contributory Retirement System</u>

The District follows the provisions of GASB Statement No. 68, Accounting and Financial Reporting for Pensions – an amendment of GASB Statement No. 27, with respect to the employees' retirement funds.

A. Plan Description

Substantially all employees of the District are members of the Montague Contributory Retirement System (the System), a cost sharing, multipleemployer public employee retirement system (PERS). Eligible employees must participate in the System. The pension plan provides pension benefits, deferred allowances, and death and disability benefits. Chapter 32 of the Massachusetts General Laws establishes the authority of the System, contribution percentages and benefits paid. The System Retirement Board does not have the authority to amend benefit provisions. Additional information is disclosed in the System's annual financial reports publicly available from the System located at One Avenue A, Turners Falls, MA 01376.

Participant Retirement Benefits

The System provides for retirement allowance benefits up to a maximum of 80% of a member's highest three-year average annual rate of regular compensation for those hired prior to April 2, 2012 and the highest fiveyear average annual rate of regular compensation for those first becoming members of the Massachusetts System on or after that date. However, per Chapter 176 of the Acts of 2011, for members who retire on or after April 2, 2012, if in the 5 years of creditable service immediately preceding retirement, the difference in the annual rate of regular compensation between any 2 consecutive years exceeds 10 percent, the normal yearly amount of the retirement allowance shall be based on the average annual rate of regular compensation received by the member during the period of 5 consecutive years preceding retirement. Benefit payments are based upon a member's age, length of creditable service, level of compensation and group classification.

If a participant was a member prior to February 1, 2012, a retirement allowance may be received at any age, upon attaining 20 years of service. The plan also provides for retirement at age 55 if the participant was a member prior to January 1, 1978, with no minimum vesting requirements. If the participant was a member on or after January 1, 1978 and a member of Groups 1 or 2, then a retirement allowance may be received if the participant (1) has at least 10 years of creditable service, (2) is age 55, (3) voluntarily left Town/City employment on or after that date, and (4) left accumulated annuity deductions in the fund. Members of Group 4, have no minimum vesting requirements, however, must be at least age 55. Groups 2 and 4 require that participants perform the duties of the Group position for at least 12 months immediately prior to retirement.

A participant who became a member on or after April 2, 2012 is eligible for a retirement allowance upon 10 years creditable service and reaching ages 60 or 55 for Groups 1 and 2, respectively. Participants in Group 4 must be at least age 55. Groups 2 and 4 require that participants perform the duties of the Group position for at least 12 months immediately prior to retirement.

A retirement allowance consists of two parts: an annuity and a pension. A member's accumulated total deductions and a portion of the interest they generate constitute the annuity. The difference between the total retirement allowance and the annuity is the pension. The average retirement benefit is approximately 80-85% pension and 15-20% annuity.

Participant Refunds

Employees who resign from service and who are not eligible to receive a retirement allowance are entitled to request a refund of their accumulated total deductions. Members voluntarily withdrawing with at least 10 years of service or involuntarily withdrawing, receive 100% of the regular interest that has accrued on those accumulated total deductions. Members voluntarily withdrawing with less than 10 years of service get credited interest each year at a rate of 3%.

Participants Contributions

Participants contribute a set percentage of their gross regular compensation annually. Employee contribution percentages are specified in Chapter 32 of the Massachusetts General Laws. The employee's individual contribution percentage is determined by their date of entry into the system. In addition, all employees hired after January 1, 1979

contribute an additional 2% on all gross regular compensation over the rate of \$30,000 per year. The percentages are as follows:

Before January 1, 1975	5%
January 1, 1975 – December 31, 1983	7%
January 1, 1984 – June 30, 1996	8%
Beginning July 1, 1996	9%

For those members entering a Massachusetts System on or after April 2, 2012 in Group 1, the contribution rate will be reduced to 6% when at least 30 years of creditable service has been attained

Employer Contributions

Employers are required to contribute at actuarially determined rates as accepted by the Public Employee Retirement Administration Commission (PERAC).

The District's contribution to the System for the year ended June 30, 2017 was \$204,421, which was equal to its annual required contribution.

B. Summary of Significant Accounting Policies

For purposes of measuring the net pension liability, deferred outflows of resources and deferred inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the System and additions to/deductions from System's fiduciary net position have been determined on the same basis as they are reported by System. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with benefit terms. Investments are reported at fair value.

C. <u>Pension Liabilities, Pension Expense, and Deferred Outflows of</u> <u>Resources and Deferred Inflows of Resources Related to Pensions</u>

At June 30, 2017, the District reported a liability of \$1,378,439 for its proportionate share of the net pension liability. The net pension liability was measured as of December 31, 2016, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of January 1, 2016, rolled forward to December 31, 2016. The District's proportion of the net pension liability was based on a projection of the District's long-term share of contributions to the pension plan relative to the projected contributions of all participating employers, actuarially determined. At June 30, 2017, the District's proportion was 12.63 percent.

For the year ended June 30, 2017, the District recognized pension expense of \$247,880. In addition, the District reported deferred outflows of

resources and deferred inflows of resources related to pensions from the following sources:

		Deferred Outflows of Resources	Deferred Inflows of Resources
Difference between expected and actual experience	\$	-	\$ 115,312
Changes in assumptions		223,378	-
Net difference between projected and actual earnings on pension plan investments		193,997	-
Changes in proportion and differences between contributions and proportionate share of contributions	_	62,521	
Total	\$	479,896	\$ 115,312

Amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows:

Year ended June 30):	
2018	\$	108,316
2019		108,316
2020		106,369
2021		33,747
2022		7,836
Total	\$	364,584

D. Actuarial assumptions

The total pension liability in the January 1, 2016 actuarial valuation was determined using the following actuarial assumptions, applied to all periods included in the measurement:

Valuation Date	1/1/2016
Actuarial cost method	Entry Age
Actuarial assumptions:	
Investment rate of return	7.50%
Projected salary increases	4.25-4.75%
Inflation rate	Not explicitly assumed
Post-retirement cost-of-living adjustment	3% of first \$18,000

Actuarial valuation of the ongoing Systems involves estimates of the reported amounts and assumptions about probability of occurrence of

events far into the future. Examples include assumptions about future employment mortality and future salary increases. Amounts determined regarding the net pension liability are subject to continual revision as actual results are compared with past expectations and new estimates are made about the future. The actuarial assumptions used in the January 1, 2016 valuation were based on the results of the most recent actuarial experience study, which was for the period ended December 31, 2013.

Pre-retirement rates for mortality were based on RP-2000 Employees table projected generationally with Scale BB and a base year of 2009 (gender distinct). Post-retirement rates for mortality were based on RP-2000 Healthy Annuitant table projected generationally with Scale BB and a base year of 2009 (gender distinct). Disabled retirees' mortality rate was based on the post-retirement table but with a base year of 2012.

Changes of assumptions

Beginning with the January 1, 2013 actuarial valuations of local systems, the System's actuary recommended an investment return assumption of 7.75% for most local systems (assuming a reasonable asset allocation). Beginning with January 1, 2015 actuarial valuations, the System's actuary recommended reducing this assumption further, in part, based on PRIM's annual study of the average overall expected 30-year return, developed using expected returns by asset class. The most recent study shows an annualized 7.80% gross average expected return. The trend both in Massachusetts and across the country over the past 10 years has been to reduce this assumption. The Board decided to decrease this assumption in this valuation to 7.50%. In addition, the System's actuary will continue to monitor this assumption and may recommend decreasing this assumption further as part of the January 1, 2018 actuarial valuation. Any reduction in the investment return assumption increases the plan's liabilities. This change increased the normal cost by approximately \$45,000 and the total actuarial liability by approximately \$1.1 million.

E. <u>Target allocations</u>

The long-term expected rate of return on pension plan investments was based on the current market environment, the current market price, and by using a building block approach. Under this method, an expected future real return range (expected returns, net of pension plan investment expense and inflation) is calculated separately for each asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return net of investment expenses by the target asset allocation percentage and by adding expected inflation. The target allocation and best estimates of arithmetic real rates of return for PRIM for each major class are summarized in the following table:

Asset Class	Target Asset <u>Allocation</u>	Long-term Expected Real Rate <u>of Return</u>
Large Cap Equities	14.50%	7.50%
Small/Mid Cap Equities	3.50%	7.75%
Int'l Equities	16.00%	7.83%
Emerging Int'l Equities	6.00%	9.61%
Core Bonds	5.00%	4.00%
20+ Yr. Treasury STRIPS	5.00%	3.75%
TIPS	3.00%	3.75%
High-Yield Bonds	1.50%	5.75%
Bank Loans	1.50%	6.00%
EMD (External)	1.00%	5.75%
EMD (Local Currency)	2.00%	6.50%
Private Debt	4.00%	9.06%
Private Equity	10.00%	9.50%
Real Estate	10.00%	6.50%
Timberland	4.00%	6.00%
Hedge Funds & Portfolio Completion	13.00%	6.48%
Total	100.00%	

F. Discount Rate

The discount rate used to measure the total pension liability was 7.50%. The projection of cash flows used to determine the discount rate assumed that the plan member contributions will be made at the current contribution rate and that employer contributions will be made at contractually required rates, actuarially determined. Based on those assumptions, the pension plan's fiduciary net position was projected to be available to make all projected future benefit payments to current active and inactive plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

G. <u>Sensitivity of the proportionate share of the net pension liability to changes</u> <u>in the discount rate</u>

The following presents the District's proportionate share of the net pension liability calculated using the discount rate of 7.50 percent, as well as what the District's proportionate share of the net pension liability would be if it were calculated using a discount rate that is 1 percentage-point lower (6.50%) or 1 percentage-point higher (8.50%) than the current rate:

		Current				
		1% Decrease Discount Rate				
_	Fiscal Year Ended	(6.50%)	(7.50%)	(8.50%)		
-	June 30, 2017	\$ 2,078,772	\$1,378,439	\$787,859		

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H. Pension plan fiduciary net position

Detailed information about the pension plan's fiduciary net position is available in the separately issued System financial report.

17. Implementation of New GASB Standard

The Government Accounting Standards Board (GASB) has issued Statement No. 75, Accounting and Financial Reporting for Post-Employment Benefits Other than Pensions, replacing requirements of Statements No. 45 and 57, effective for the District beginning with its year ending June 30, 2018. This statement establishes standards for recognizing and measuring liabilities, deferred outflows of resources, deferred inflows of resources, and expense/expenditures. In addition, this Statement details the recognition and disclosure requirements for employers with payables to defined benefit OPEB plans that are administered through trusts that meet the specific criteria and for employers whose employers are provided with defined contribution OPEB. Management's current assessment is that this pronouncement will have a material impact by increasing net OPEB liability, and as a result, decreasing the unrestricted net position on the government-wide financial statements.

TURNERS FALLS FIRE DISTRICT

SCHEDULE OF PROPORTIONATE SHARE OF THE NET PENSION LIABILITY (GASB 68)

JUNE 30, 2017

(Unaudited)

Montague Contributory Retirement System

Fiscal <u>Year</u>	Measurement <u>Date</u>	Proportion of the Net Pension <u>Liability</u>	Proportionate Share of the Net Pension <u>Liability</u>	Covered Payroll	Proportionate Share of the Net Pension Liability as a Percentage <u>of Covered Payroll</u>	Plan Fiduciary Net Position Percentage of the Total <u>Pension Liability</u>
June 30, 2017	December 31, 2016	12.63%	\$1,378,439	\$878,164	156.97%	77.20%
June 30, 2016	December 31, 2015	12.32%	\$1,268,839	\$791,683	160.27%	77.00%
June 30, 2015	December 31, 2014	11.50%	\$1,184,282	\$843,144	140.46%	80.30%

Schedules are intended to show information for 10 years. Additional years will be displayed as they become available.

TURNERS FALLS FIRE DISTRICT SCHEDULE OF PENSION CONTRIBUTIONS (GASB 68)

JUNE 30, 2017

(Unaudited)

Montague Contributory Retirement System

Fiscal <u>Year</u>	Contractually Required <u>Contribution</u>	Contributions in Relation to the Contractually Required <u>Contribution</u>	Contribution Deficiency (Excess)	Covered <u>Payroll</u>	Contributions as a Percentage of Covered Payroll
June 30, 2017	\$ 204,421	\$ 204,421	\$ -	\$ 878,164	23.28%
June 30, 2016	\$ 194,217	\$ 194,217	\$ -	\$ 791,683	24.53%
June 30, 2015	\$ 189,082	\$ 189,082	\$ -	\$ 843,144	22.43%

Schedules are intended to show information for 10 years. Additional years will be displayed as they become available.

TURNERS FALLS FIRE DISTRICT SCHEDULE OF OPEB FUNDING PROGRESS (GASB 45)

June 30, 2017

(Unaudited) (Amounts Expressed in thousands)

Other Post Employment Benefits												
	Acti	uarial	A	ctuarial ccrued iability	Ur	nfunded					UAAL as a Percent age of	
Actuarial	Value of		(AAL) -		AAL		Fu	Funded		overed	Covered	
Valuation	As	sets	En	try Age	(JAAL)	F	Ratio	F	Payroll	Payroll	
Date	<u>(a)</u>		<u>(b)</u>		<u>(b-a)</u>		(<u>(a/b)</u>		<u>(c)</u>	<u>[(b-a)/c]</u>	
06/30/17	\$	40	\$	2,083	\$	2,043	1	.9%	\$	1,133	180%	
06/30/16	\$	-	\$	2,103	\$	2,103	0	.0%	\$	1,104	190%	
06/30/15	\$	-	\$	2,103	\$	2,103	0	.0%	\$	1,031	204%	
06/30/14	\$	-	\$	2,499	\$	2,499	0	.0%	\$	988	253%	
06/30/10	\$	-	\$	2,904	\$	2,904	0	.0%	\$	854	340%	

TURNERS FALLS FIRE DISTRICT

OTHER POST-EMPLOYMENT BENEFITS (OPEB)

SCHEDULE OF CHANGES IN THE NET OPEB LIABILITY (GASB 74)

(Unaudited)

(Amounts expressed in thousands)

		<u>2017</u>		
Total OPEB liability Service cost Interest on unfunded liability - time value of \$ Changes of benefit terms Differences between expected and actual experience Changes of assumptions Benefit payments, including refunds of member contributions	\$	113 78 - - - (83)		
Net change in total OPEB liability		108		
Total OPEB liability - beginning	-	1,975		
Total OPEB liability - ending (a)	\$	2,083		
Plan fiduciary net position* Contributions - employer Contributions - member Net investment income Benefit payments, including refunds of member contributions Administrative expense Other	\$	83 - - (83) - -		
Net change in plan fiduciary net position		-		
Plan fiduciary net position - beginning	-	40		
Plan fiduciary net position - ending (b)	\$	40		
Net OPEB liability (asset) - ending (a-b)				

*Reflects certain rounding and immaterial classification differences from page 19.

Schedule is intended to show information for 10 years. Additional years will be displayed as they become available.

See notes to the District's financial statements for summary of significant actuarial methods and assumptions.

TURNERS FALLS FIRE DISTRICT

OTHER POST-EMPLOYMENT BENEFITS (OPEB)

SCHEDULES OF NET OPEB LIABILITY, CONTRIBUTIONS, AND INVESTMENT RETURNS (GASB 74)

(Unaudited)

(Amounts expressed in thousands)

Schedule of Net OPEB Liability	2017		
Total OPEB liability Plan fiduciary net position	\$ 2,083 (40)		
Net OPEB liability (asset)	\$ 2,043		
Plan fiduciary net position as a percentage of the total OPEB liability	2%		
Covered payroll	\$ 1,133		
Participating employer net OPEB liability (asset) as a percentage of covered payroll	180%		
Schedule of Contributions	<u>2017</u>		
Actuarially determined contribution	\$ 207		
Contributions in relation to the actuarially determined contribution	(83)		
Contribution deficiency (excess)	\$		
Covered payroll	\$ 1,133		
Contributions as a percentage of covered payroll	7%		
Schedule of Investment Returns	<u>2017</u>		
Annual money weighted rate of return, net of investment expense	not available		

Schedules are intended to show information for 10 years. Additional years will be displayed as they become available.

See notes to the District's financial statements for summary of significant actuarial methods and assumptions.



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REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH GOVERNMENT AUDITING STANDARDS

Independent Auditors' Report

Prudential Committee Turners Falls Fire District

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the governmental activities, each major fund, and the aggregate remaining fund information of the District, as of and for the year ended June 30, 2017, and the related notes to the financial statements, which collectively comprise the District's basic financial statements, and have issued our report thereon dated December 4, 2017.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the District's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the District's internal control. Accordingly, we do not express an opinion on the effectiveness of the District's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the District's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Melanson Heath

December 4, 2017