

***TOWN OF MEDFIELD, MASSACHUSETTS***

***REPORT ON EXAMINATION OF  
BASIC FINANCIAL STATEMENTS***

***YEAR ENDED JUNE 30, 2019***

TOWN OF MEDFIELD, MASSACHUSETTS

REPORT ON EXAMINATION OF BASIC FINANCIAL STATEMENTS

JUNE 30, 2019

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## Independent Auditor's Report

To the Honorable Board of Selectmen  
Town of Medfield, Massachusetts

## Report on the Financial Statements

We have audited the accompanying financial statements of the governmental activities, the business-type activities, each major fund, and the aggregate remaining fund information of the Town of Medfield, Massachusetts, as of and for the year ended June 30, 2019, and the related notes to the financial statements, which collectively comprise the Town of Medfield, Massachusetts' basic financial statements as listed in the table of contents.

## Management's Responsibility for the Financial Statements

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.

## Auditor's 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 of 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 auditor's 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, the business-type activities, each major fund, and the aggregate remaining fund information of the Town of Medfield, Massachusetts, as of June 30, 2019, and the respective changes in financial position and, where applicable, cash flows thereof 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 the management's discussion and analysis and required supplementary information, as listed in the table of contents, be presented to supplement the basic financial statements. Such information, although not 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 sufficient evidence 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 February 26, 2020, on our consideration of the Town of Medfield, Massachusetts' 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 Town of Medfield, Massachusetts' internal control over financial reporting and compliance.

*Powers + Juliani, LLC*

February 26, 2020

# ***Management's Discussion and Analysis***

## Management's Discussion and Analysis

As management of the Town of Medfield (Town), we offer readers of these financial statements this narrative overview and analysis of the financial activities for the year ended June 30, 2019. We encourage readers to consider the information presented in this report in conjunction with the Town's financial statements. All amounts, unless otherwise noted, are presented in whole dollars.

The Governmental Accounting Standards Board (GASB) is the authoritative standard setting body that provides guidance on how to prepare financial statements in conformity with generally accepted accounting principles (GAAP). Users of these financial statements (such as investors and rating agencies) rely on the GASB to establish consistent reporting standards for all governments in the United States. This consistent application is the only way users (including citizens, the media, legislators and others) can assess the financial condition of one government compared to others.

### **Financial Highlights**

- The assets and deferred outflows of resources of the Town exceeded its liabilities and deferred inflows of resources at the close of the most recent year by \$64.1 million (net position).
- The Town's long-term debt was \$41.2 million at year end, a net decrease of \$5.3 million. This net decrease was due to current year principal payments.
- As of the close of the current year, the Town's governmental funds reported a combined ending fund balance of \$22.4 million, an increase of \$402,000 in comparison with the prior year.
- The Town's net pension liability increased by \$3.6 million and totals \$23.5 million as of June 30, 2019.
- The Town has recognized a net OPEB liability of \$35.5 million and a pension liability of \$23.5 million on the statement of net position.

### **Overview of the Financial Statements**

This discussion and analysis is intended to serve as an introduction to the Town of Medfield's basic financial statements. These basic financial statements comprise three components: 1) government-wide financial statements, 2) fund financial statements, and 3) notes to the financial statements. The government-wide financial statements provide both long-term and short-term information about the Town as a whole. The fund financial statements focus on the individual components of the Town government, reporting the Town's operations in more detail than the government-wide statements. Both presentations (government-wide and fund) allow the user to address relevant questions, broaden the basis of comparison and enhance the Town's accountability. An additional part of the basic financial statements are the notes to the basic financial statements. This report also contains other required supplementary information in addition to the basic financial statements themselves.

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

The *statement of net position* presents information on all assets, deferred outflows of resources and liabilities, with the difference between the two 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 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 the related cash flows*. Thus, revenues and expenses are reported in this statement for some items that will only result in cash flows in future periods (i.e. uncollected taxes and earned but unused vacation leave).

Both of the government-wide financial statements distinguish functions that are primarily supported by taxes and intergovernmental revenues (*governmental activities*) from other functions that are intended to recover all or a significant portion of their costs through user fees and charges (*business-type activities*). The governmental activities include general government, public safety, education, public works, human services, culture and recreation, and interest.

**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 three categories: governmental funds, proprietary 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 statements focus on *near-term inflows of spendable resources*, as well as on *balances of spendable resources* available at the end of the 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*.

In accordance with accounting standards, the Town reports fund balance components as nonspendable, restricted, committed, assigned and unassigned. Additionally, the Town's stabilization funds are reported within the general fund.

The Town of Medfield adopts an annual appropriated budget for its general fund. A budgetary comparison statement has been provided for the general fund to demonstrate compliance with this budget. The budgetary comparison statement is presented as required supplementary information after the notes to the basic financial statements.

**Proprietary funds.** The Town of Medfield maintains one type of proprietary funds:

*Enterprise funds* are used to report the same functions presented as *business-type activities* in the government-wide financial statements. The Town uses enterprise funds to account for its water and sewer operations.

**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 statement because the resources of those funds are *not* available to support the Town's own programs. The accounting used for fiduciary funds is much like that used for proprietary funds. The Town maintains three different fiduciary funds. The other postemployment benefit trust fund is used to account for the activities of the Town's OPEB trust fund. The private purpose trust fund is used to account for resources held in trust which principal and investment income

exclusively benefit individuals, private organizations, or other governments. The agency fund is used to account for assets held in a purely custodial capacity.

**Notes to the basic 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.

**Government-wide Financial Analysis**

As noted earlier net position may serve, over time, as a useful indicator of a government’s financial position. The assets and deferred outflows of resources of the Town exceeded liabilities and deferred inflows of resources by \$64.1 million at the close of 2019. Key components of the Town’s governmental and business-type financial position follow.

A significant portion of the Town’s net position, \$97.3 million, reflects its investment in capital assets (i.e. land, buildings, infrastructure, machinery and equipment) less any related debt used to acquire those assets that is still outstanding. The Town uses these capital assets to provide services to citizens; consequently, these assets are *not* available for future spending. Although the Town’s investment in its capital assets is reported net of its related debt, it should be noted that the resources needed to pay this debt must be provided from other sources, since capital assets themselves cannot be used to liquidate these liabilities.

An additional portion of the Town’s net position, \$10.1 million, represents resources that are subject to external restrictions on how they may be used. The remaining balance of unrestricted net position totals a deficit of \$43.4 million, primarily related to the recognition of \$23.5 million and \$35.5 million of pension and OPEB liabilities, respectively.

**Governmental Activities.** For the Town’s governmental activities assets and deferred outflows of resources exceeded liabilities and deferred inflows of resources by \$52.5 million at the close of 2019.

	2019	2018
<b>Assets:</b>		
Current assets..... \$	27,876,331	\$ 28,139,029
Noncurrent assets (excluding capital).....	705,231	1,007,109
Capital assets, nondepreciable.....	21,757,280	22,511,329
Capital assets, net of accumulated depreciation....	100,919,881	103,900,614
<b>Total assets.....</b>	<b>151,258,723</b>	<b>155,558,081</b>
<b>Deferred outflows of resources.....</b>	<b>6,334,312</b>	<b>4,475,637</b>
<b>Liabilities:</b>		
Current liabilities (excluding debt).....	4,748,854	5,440,125
Noncurrent liabilities (excluding debt).....	58,042,745	60,189,493
Current debt.....	4,506,127	4,596,272
Noncurrent debt.....	29,206,295	33,712,421
<b>Total liabilities.....</b>	<b>96,504,021</b>	<b>103,938,311</b>
<b>Deferred inflows of resources.....</b>	<b>8,616,330</b>	<b>3,350,017</b>
<b>Net position:</b>		
Net investment in capital assets.....	89,717,498	88,309,838
Restricted.....	10,093,513	12,737,174
Unrestricted.....	(47,338,327)	(48,301,622)
<b>Total net position..... \$</b>	<b>52,472,684</b>	<b>\$ 52,745,390</b>



The governmental activities net position decreased by \$273,000 during the current year, compared to a decrease of \$2.8 million in the prior year. Total revenues increased by approximately \$5.0 million (7.1%), while total expenses increased \$1.7 million (2.4%). Revenue gains were realized mainly from operating grants, real estate taxes, and investment income.

	2019	2018
<b>Program Revenues:</b>		
Charges for services..... \$	5,180,319	\$ 5,433,321
Operating grants and contributions.....	16,092,367	15,215,298
Capital grants and contributions.....	461,369	898,190
<b>General Revenues:</b>		
Real estate and personal property taxes, net of tax refunds payable.....	47,884,037	43,570,671
Tax and other liens.....	148,671	111,888
Motor vehicle and other excise taxes.....	2,156,574	2,233,769
Meals tax.....	175,517	153,408
Penalties and interest on taxes.....	73,231	61,434
Payments in lieu of taxes.....	3,529	3,396
Grants and contributions not restricted to specific programs.....	1,667,378	1,707,719
Unrestricted investment income.....	629,903	204,439
Miscellaneous.....	127,307	54,730
<b>Total revenues.....</b>	<b>74,600,202</b>	<b>69,648,263</b>
<b>Expenses:</b>		
General government.....	3,781,967	3,715,058
Public safety.....	6,858,678	6,361,326
Education.....	54,728,174	53,037,292
Public works.....	5,125,349	4,855,321
Health and human services.....	1,052,710	1,035,776
Culture and recreation.....	2,078,508	2,059,090
Interest.....	1,247,522	1,423,729
<b>Total expenses.....</b>	<b>74,872,908</b>	<b>72,487,592</b>
<b>Change in net position.....</b>	<b>(272,706)</b>	<b>(2,839,329)</b>
<b>Net position, beginning of year.....</b>	<b>52,745,390</b>	<b>55,584,719</b>
<b>Net position, end of year..... \$</b>	<b>52,472,684</b>	<b>\$ 52,745,390</b>

Governmental expenses totaled \$74.9 million, of which \$21.7 million was directly supported by program revenues consisting of charges for services, operating and capital grants and contributions. General revenues totaled \$52.9 million, primarily coming from property taxes, excise taxes, and grants not restricted to specific programs.

Charges for services represent 23.84% of governmental program revenues. The Town can exercise more control over this category of revenue than any other. Fees charged for services rendered are set by Town Meeting and Town boards.

Operating and capital grants and contributions account for 76.16% of the governmental program revenues. Most of these resources apply to education operations. These resources offset costs of the school department over and above the general fund operating budget.

Property taxes are the most significant revenue source for the Town's governmental activities. They comprise 91.58% of all general revenues. Other taxes comprise 4.84% of the governmental activity's general revenues.

Education is the largest governmental activity of the Town. A total of \$54.7 million was expended for education, of which \$17.7 million was funded by program revenues. The remaining \$37.0 million was funded by taxes and other revenue.

**Business-type Activities.** Business-type activities increased the Town's net position by \$288,000. Key elements of these activities are as follows:

	2019	2018
<b>Assets:</b>		
Current assets.....	\$ 5,474,325	\$ 5,386,388
Capital assets, nondepreciable.....	1,331,893	7,226,149
Capital assets.....	13,949,197	8,554,127
<b>Total assets.....</b>	<b>20,755,415</b>	<b>21,166,664</b>
<b>Deferred outflows of resources.....</b>	<b>246,552</b>	<b>183,292</b>
<b>Liabilities:</b>		
Current liabilities (excluding debt).....	152,130	190,986
Noncurrent liabilities (excluding debt).....	1,599,196	1,573,291
Current debt.....	709,654	713,264
Noncurrent debt.....	6,741,411	7,451,065
<b>Total liabilities.....</b>	<b>9,202,391</b>	<b>9,928,606</b>
<b>Deferred inflows of resources.....</b>	<b>209,724</b>	<b>119,838</b>
<b>Net position:</b>		
Net investment in capital assets.....	7,629,247	7,629,247
Unrestricted.....	3,960,605	3,672,265
<b>Total net position.....</b>	<b>\$ 11,589,852</b>	<b>\$ 11,301,512</b>
	2019	2018
<b>Program Revenues:</b>		
Charges for services.....	\$ 3,842,215	\$ 4,231,612
<b>Expenses:</b>		
Water.....	1,836,962	1,760,595
Sewer.....	1,716,913	1,550,632
<b>Total expenses.....</b>	<b>3,553,875</b>	<b>3,311,227</b>
<b>Change in net position.....</b>	<b>288,340</b>	<b>920,385</b>
<b>Net position, beginning of year.....</b>	<b>11,301,512</b>	<b>10,381,127</b>
<b>Net position, end of year.....</b>	<b>\$ 11,589,852</b>	<b>\$ 11,301,512</b>

Business-type net position of \$7.6 million (65.83%) represents investments in capital assets net of related debt. The remaining \$4.0 million (34.17%) is available to be used for the ongoing operation of the Town's sewer and water enterprises.

Net position of the water enterprise fund increased \$285,000 during 2019. This increase is primarily due to the fact that rates are designed to cover debt service principal and capital costs.

Net position of the sewer enterprise fund increased \$3,500 during 2019. Again, this slight increase is consistent with rates that are designed to cover all of the department's operating costs.

### **Financial Analysis of the Government's Funds**

As noted earlier, the Town uses fund accounting 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 year.

At the end of the current year, the Town's governmental funds reported combined ending fund balances totaling \$22.4 million. Of this amount \$15.9 million is for the general fund and \$6.5 million is comprised of the nonmajor funds. Cumulatively there was an increase of \$402,000 in fund balances from the prior year.

The general fund is the chief operating fund of the Town. At the end of the current year, unassigned fund balance of the general fund was \$5.0 million while total fund balance was \$15.9 million. As a measure of the general fund's liquidity it may be useful to compare both unassigned fund balance and the total fund balance to total fund expenditures. Unassigned fund balance represents 7.3% of the total general fund budgetary expenditures while total fund balance represents 23.2% of that same amount. Unassigned fund balance includes \$1.4 million of the general stabilization fund and \$540,000 of the betterment stabilization fund.

The general fund balance decreased by \$169,000 during the current year. The decrease in fund balance was attributable to the planned use of reserves.

Restricted fund balance includes \$3.6 million of reserves for pension and \$4.2 million for future debt service.

Assigned fund balance includes \$800,000 of free cash used to balance the FY2020 budget.

The nonmajor funds increased by \$571,000 during the current year. This was due to the timing of state and federal grant expenditures and when revenues were received.

### **General Fund Budgetary Highlights**

The initial budget and the encumbrances and continuing appropriations (original budget) totaled \$64.8 million. Changes during the year consisted largely of allocations between and among departments. The net increase to the final budget totaled \$1.1 million.

General fund revenues came in \$458,000 more than budgeted while general fund expenditures came in \$1.9 million less than budgeted.

## **Capital Asset and Debt Administration**

In conjunction with the annual operating budget, the Town of Medfield annually prepares a capital budget for the upcoming year.

**Capital Assets.** The Town of Medfield's investment in capital assets for its governmental and business-type activities as of June 30, 2019, amounts to \$138.0 million (net of accumulated depreciation). This investment in capital assets includes land, land improvements, buildings and improvements, machinery and equipment, vehicles, textbooks and software and infrastructure.

**Debt Administration.** Outstanding long-term debt of the general government, as of June 30, 2019, totaled \$33.7 million. During 2019, the Town paid down \$4.5 million in debt principal expense.

The sewer enterprise fund has outstanding long-term debt totaling \$1.7 million. During 2019, the Town paid down \$252,000 in debt principal expense.

The water enterprise fund has outstanding long-term debt totaling \$5.8 million. During 2019, the Town paid down \$461,000 in debt principal expense.

The Town maintains an "Aa1" bond rating from Moody's.

Please refer to notes 4, 6 and 7 for further discussion of the major capital and debt activity.

## **Requests for Information**

This financial report is designed to provide a general overview of the Town of Medfield'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 the Town Accountant, 459 Main Street, Medfield, MA 02052.

# ***Basic Financial Statements***

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**STATEMENT OF NET POSITION**

JUNE 30, 2019

	<i>Primary Government</i>		
	Governmental Activities	Business-type Activities	Total
<b>ASSETS</b>			
<b>CURRENT:</b>			
Cash and cash equivalents.....	\$ 16,189,071	\$ 3,900,346	\$ 20,089,417
Investments.....	9,466,432	-	9,466,432
Receivables, net of allowance for uncollectibles:			
Real estate and personal property taxes.....	329,667	-	329,667
Tax liens.....	580,841	-	580,841
Motor vehicle and other excise taxes.....	67,161	-	67,161
User charges.....	-	1,573,979	1,573,979
Departmental and other.....	187,533	-	187,533
Intergovernmental.....	850,792	-	850,792
Special assessments.....	204,834	-	204,834
Total current assets.....	<u>27,876,331</u>	<u>5,474,325</u>	<u>33,350,656</u>
<b>NONCURRENT:</b>			
Receivables, net of allowance for uncollectibles:			
Special assessments.....	705,231	-	705,231
Capital assets, nondepreciable.....	21,757,280	1,331,893	23,089,173
Capital assets, net of accumulated depreciation.....	<u>100,919,881</u>	<u>13,949,197</u>	<u>114,869,078</u>
Total noncurrent assets.....	<u>123,382,392</u>	<u>15,281,090</u>	<u>138,663,482</u>
<b>TOTAL ASSETS.....</b>	<u>151,258,723</u>	<u>20,755,415</u>	<u>172,014,138</u>
<b>DEFERRED OUTFLOWS OF RESOURCES</b>			
Deferred outflows for refunding debt.....	142,581	-	142,581
Deferred outflows related to pensions.....	6,191,731	246,552	6,438,283
<b>TOTAL DEFERRED OUTFLOWS OF RESOURCES.....</b>	<u>6,334,312</u>	<u>246,552</u>	<u>6,580,864</u>
<b>LIABILITIES</b>			
<b>CURRENT:</b>			
Warrants payable.....	1,235,530	60,883	1,296,413
Accrued payroll.....	2,162,193	8,911	2,171,104
Accrued interest.....	224,187	53,336	277,523
Other liabilities.....	595,344	-	595,344
Landfill closure.....	23,000	-	23,000
Compensated absences.....	508,600	29,000	537,600
Bonds payable.....	4,506,127	709,654	5,215,781
Total current liabilities.....	<u>9,254,981</u>	<u>861,784</u>	<u>10,116,765</u>
<b>NONCURRENT:</b>			
Landfill closure.....	46,000	-	46,000
Compensated absences.....	600,400	4,000	604,400
Net pension liability.....	22,635,373	901,330	23,536,703
Net other postemployment benefits liability.....	34,760,972	693,866	35,454,838
Bonds payable.....	29,206,295	6,741,411	35,947,706
Total noncurrent liabilities.....	<u>87,249,040</u>	<u>8,340,607</u>	<u>95,589,647</u>
<b>TOTAL LIABILITIES.....</b>	<u>96,504,021</u>	<u>9,202,391</u>	<u>105,706,412</u>
<b>DEFERRED INFLOWS OF RESOURCES</b>			
Deferred inflows related to pensions.....	1,900,125	75,662	1,975,787
Deferred inflows related to other postemployment benefits.....	6,716,205	134,062	6,850,267
<b>TOTAL DEFERRED INFLOWS OF RESOURCES.....</b>	<u>8,616,330</u>	<u>209,724</u>	<u>8,826,054</u>
<b>NET POSITION</b>			
Net investment in capital assets.....	89,717,498	7,629,247	97,346,745
Restricted for:			
Pension reserve fund.....	3,629,363	-	3,629,363
Future debt service.....	4,156,835	-	4,156,835
Permanent funds:			
Expendable.....	2,307,315	-	2,307,315
Unrestricted.....	<u>(47,338,327)</u>	<u>3,960,605</u>	<u>(43,377,722)</u>
<b>TOTAL NET POSITION.....</b>	<u>\$ 52,472,684</u>	<u>\$ 11,589,852</u>	<u>\$ 64,062,536</u>

See notes to basic financial statements.

**STATEMENT OF ACTIVITIES**

YEAR ENDED JUNE 30, 2019

Functions/Programs	Expenses	Program Revenues			Net (Expense) Revenue
		Charges for Services	Operating Grants and Contributions	Capital Grants and Contributions	
<b>Primary Government:</b>					
<i>Governmental Activities:</i>					
General government.....	\$ 3,781,967	\$ 615,642	\$ 112,958	\$ -	\$ (3,053,367)
Public safety.....	6,858,678	1,219,245	9,688	-	(5,629,745)
Education.....	54,728,174	2,113,975	15,601,106	-	(37,013,093)
Public works.....	5,125,349	229,817	-	461,369	(4,434,163)
Health and human services.....	1,052,710	259,638	254,923	-	(538,149)
Culture and recreation.....	2,078,508	742,002	102,485	-	(1,234,021)
Interest.....	1,247,522	-	11,207	-	(1,236,315)
<b>Total Governmental Activities.....</b>	<b>74,872,908</b>	<b>5,180,319</b>	<b>16,092,367</b>	<b>461,369</b>	<b>(53,138,853)</b>
<i>Business-Type Activities:</i>					
Water.....	1,836,962	2,121,765	-	-	284,803
Sewer.....	1,716,913	1,720,450	-	-	3,537
<b>Total Business-Type Activities.....</b>	<b>3,553,875</b>	<b>3,842,215</b>	<b>-</b>	<b>-</b>	<b>288,340</b>
<b>Total Primary Government.....</b>	<b>\$ 78,426,783</b>	<b>\$ 9,022,534</b>	<b>\$ 16,092,367</b>	<b>\$ 461,369</b>	<b>\$ (52,850,513)</b>

See notes to basic financial statements.

(Continued)



**STATEMENT OF ACTIVITIES (continued)**

YEAR ENDED JUNE 30, 2019

	Primary Government		
	Governmental Activities	Business-Type Activities	Total
<b>Changes in net position:</b>			
Net (expense) revenue from previous page..... \$	<b>(53,138,853)</b>	\$ <b>288,340</b>	\$ <b>(52,850,513)</b>
<i>General revenues:</i>			
Real estate and personal property taxes, net of tax refunds payable.....	47,884,037	-	47,884,037
Tax and other liens.....	148,671	-	148,671
Motor vehicle and other excise taxes.....	2,156,574	-	2,156,574
Meals tax.....	175,517	-	175,517
Penalties and interest on taxes.....	73,231	-	73,231
Payments in lieu of taxes.....	3,529	-	3,529
Grants and contributions not restricted to specific programs.....	1,667,378	-	1,667,378
Unrestricted investment income.....	629,903	-	629,903
Miscellaneous.....	127,307	-	127,307
Total general revenues.....	<u>52,866,147</u>	<u>-</u>	<u>52,866,147</u>
Change in net position.....	(272,706)	288,340	15,634
<i>Net position:</i>			
Beginning of year.....	<u>52,745,390</u>	<u>11,301,512</u>	<u>64,046,902</u>
End of year..... \$	<u><u>52,472,684</u></u>	<u><u>11,589,852</u></u>	<u><u>64,062,536</u></u>

See notes to basic financial statements.

(Concluded)

**GOVERNMENTAL FUNDS  
BALANCE SHEET**

JUNE 30, 2019

	General	Nonmajor Governmental Funds	Total Governmental Funds
<b>ASSETS</b>			
Cash and cash equivalents.....	\$ 11,172,584	\$ 5,016,487	\$ 16,189,071
Investments.....	7,480,927	1,985,505	9,466,432
Receivables, net of uncollectibles:			
Real estate and personal property taxes.....	329,667	-	329,667
Tax liens.....	580,841	-	580,841
Motor vehicle and other excise taxes.....	67,161	-	67,161
Departmental and other.....	187,533	-	187,533
Intergovernmental - other.....	583,222	267,570	850,792
Special assessments.....	910,065	-	910,065
<b>TOTAL ASSETS.....</b>	<b>\$ 21,312,000</b>	<b>\$ 7,269,562</b>	<b>\$ 28,581,562</b>
<b>LIABILITIES</b>			
Warrants payable.....	\$ 1,122,575	\$ 112,955	\$ 1,235,530
Accrued payroll.....	2,129,322	32,871	2,162,193
Other liabilities.....	190,494	404,850	595,344
<b>TOTAL LIABILITIES.....</b>	<b>3,442,391</b>	<b>550,676</b>	<b>3,993,067</b>
<b>DEFERRED INFLOWS OF RESOURCES</b>			
Unavailable revenue.....	1,948,945	267,570	2,216,515
<b>FUND BALANCES</b>			
Restricted.....	7,786,198	6,496,618	14,282,816
Committed.....	2,021,731	-	2,021,731
Assigned.....	1,127,837	-	1,127,837
Unassigned.....	4,984,898	(45,302)	4,939,596
<b>TOTAL FUND BALANCES.....</b>	<b>15,920,664</b>	<b>6,451,316</b>	<b>22,371,980</b>
<b>TOTAL LIABILITIES, DEFERRED INFLOWS OF RESOURCES, AND FUND BALANCES.....</b>	<b>\$ 21,312,000</b>	<b>\$ 7,269,562</b>	<b>\$ 28,581,562</b>

See notes to basic financial statements.

**RECONCILIATION OF THE GOVERNMENTAL FUNDS BALANCE SHEET  
TOTAL FUND BALANCES TO THE STATEMENT OF NET POSITION**

JUNE 30, 2019

Total governmental fund balances.....		\$ 22,371,980
Capital assets (net) used in governmental activities are not financial resources and, therefore, are not reported in the funds.....		122,677,161
Accounts receivable are not available to pay for current-period expenditures and, therefore, are unavailable in the funds.....		2,216,515
The statement of net position includes certain deferred inflows of resources and deferred outflows of resources that will be amortized over future periods. In governmental funds, these amounts are not deferred.....		(2,282,018)
In the statement of activities, interest is accrued on outstanding long-term debt, whereas in governmental funds interest is not reported until due.....		(224,187)
Long-term liabilities are not due and payable in the current period and, therefore, are not reported in the governmental funds:		
Bonds payable.....	(33,712,422)	
Net pension liability.....	(22,635,373)	
Net other postemployment benefits liability.....	(34,760,972)	
Landfill closure.....	(69,000)	
Compensated absences.....	<u>(1,109,000)</u>	
Net effect of reporting long-term liabilities.....		<u>(92,286,767)</u>
Net position of governmental activities.....		<u>\$ 52,472,684</u>

See notes to basic financial statements.

**GOVERNMENTAL FUNDS**  
STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES

YEAR ENDED JUNE 30, 2019

	General	Nonmajor Governmental Funds	Total Governmental Funds
<b>REVENUES:</b>			
Real estate and personal property taxes, net of tax refunds.....	\$ 47,730,513	\$ -	\$ 47,730,513
Tax liens.....	59,596	-	59,596
Motor vehicle and other excise taxes.....	2,186,090	-	2,186,090
Meals tax.....	175,517	-	175,517
Charges for services.....	-	3,158,972	3,158,972
Penalties and interest on taxes.....	73,231	-	73,231
Fees and rentals.....	371,420	-	371,420
Payments in lieu of taxes.....	3,529	-	3,529
Licenses and permits.....	564,806	-	564,806
Fines and forfeitures.....	18,417	97,153	115,570
Intergovernmental - Teachers Retirement.....	7,884,451	-	7,884,451
Intergovernmental - other.....	7,942,826	2,015,861	9,958,687
Departmental and other.....	508,672	503,509	1,012,181
Special assessments.....	332,607	-	332,607
Contributions and donations.....	-	423,010	423,010
Investment income.....	541,154	88,749	629,903
Miscellaneous.....	-	107,751	107,751
<b>TOTAL REVENUES.....</b>	<b>68,392,829</b>	<b>6,395,005</b>	<b>74,787,834</b>
<b>EXPENDITURES:</b>			
Current:			
General government.....	2,545,351	288,677	2,834,028
Public safety.....	4,470,021	495,620	4,965,641
Education.....	35,108,914	3,701,921	38,810,835
Public works.....	3,183,331	185,623	3,368,954
Health and human services.....	501,371	383,655	885,026
Culture and recreation.....	1,186,980	639,181	1,826,161
Pension benefits.....	2,383,760	-	2,383,760
Pension benefits - Teachers Retirement.....	7,884,451	-	7,884,451
Property and liability insurance.....	191,348	-	191,348
Employee benefits.....	4,882,254	-	4,882,254
State and county charges.....	538,612	-	538,612
Debt service:			
Principal.....	4,471,400	-	4,471,400
Interest.....	1,343,248	-	1,343,248
<b>TOTAL EXPENDITURES.....</b>	<b>68,691,041</b>	<b>5,694,677</b>	<b>74,385,718</b>
<b>EXCESS (DEFICIENCY) OF REVENUES OVER (UNDER) EXPENDITURES.....</b>	<b>(298,212)</b>	<b>700,328</b>	<b>402,116</b>
<b>OTHER FINANCING SOURCES (USES):</b>			
Transfers in.....	1,164,430	1,093,800	2,258,230
Transfers out.....	(1,035,000)	(1,223,230)	(2,258,230)
<b>TOTAL OTHER FINANCING SOURCES (USES).....</b>	<b>129,430</b>	<b>(129,430)</b>	<b>-</b>
<b>NET CHANGE IN FUND BALANCES.....</b>	<b>(168,782)</b>	<b>570,898</b>	<b>402,116</b>
<b>FUND BALANCES AT BEGINNING OF YEAR.....</b>	<b>16,089,446</b>	<b>5,880,418</b>	<b>21,969,864</b>
<b>FUND BALANCES AT END OF YEAR.....</b>	<b>\$ 15,920,664</b>	<b>\$ 6,451,316</b>	<b>\$ 22,371,980</b>

See notes to basic financial statements.

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

YEAR ENDED JUNE 30, 2019

Net change in fund balances - total governmental funds.....		\$ 402,116
<p>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.</p>		
Capital outlay.....	829,522	
Depreciation expense.....	<u>(4,564,304)</u>	
Net effect of reporting capital assets.....		(3,734,782)
<p>Revenues in the Statement of Activities that do not provide current financial resources are unavailable in the Statement of Revenues, Expenditures and Changes in Fund Balances. Therefore, the recognition of revenue for various types of accounts receivable differ between the two statements. This amount represents the net change in unavailable revenue.....</p>		
		(187,632)
<p>The issuance of long-term debt 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 has any effect on net position. Also, governmental funds report the effect of premiums, discounts, and similar items when debt is first issued, whereas these amounts are unavailable and amortized in the Statement of Activities.</p>		
Net amortization of premium from issuance of bonds.....	124,871	
Net change in deferred charge on refunding.....	(64,007)	
Debt service principal payments.....	<u>4,471,400</u>	
Net effect of reporting long-term debt.....		4,532,264
<p>Some expenses reported in the Statement of Activities do not require the use of current financial resources and, therefore, are not reported as expenditures in the governmental funds.</p>		
Net change in compensated absences accrual.....	56,000	
Net change in accrued interest on long-term debt.....	34,861	
Net change in deferred outflow/(inflow) of resources related to pensions.....	2,875,668	
Net change in net pension liability.....	(3,445,451)	
Net change in deferred outflow/(inflow) of resources related to other postemployment benefits..	(6,404,149)	
Net change in net other postemployment benefits liability.....	5,575,399	
Net change in landfill closure.....	<u>23,000</u>	
Net effect of recording long-term liabilities.....		<u>(1,284,672)</u>
Change in net position of governmental activities.....		<u>\$ (272,706)</u>

See notes to basic financial statements.

**PROPRIETARY FUNDS**  
**STATEMENT OF NET POSITION**

JUNE 30, 2019

	Business-type Activities - Enterprise Funds		
	Water	Sewer	Total
<b>ASSETS</b>			
<b>CURRENT:</b>			
Cash and cash equivalents.....	\$ 2,441,926	\$ 1,458,420	\$ 3,900,346
Receivables, net of allowance for uncollectibles:			
User charges.....	897,781	676,198	1,573,979
Total current assets.....	3,339,707	2,134,618	5,474,325
<b>NONCURRENT:</b>			
Capital assets, nondepreciable.....	1,266,033	65,860	1,331,893
Capital assets, net of accumulated depreciation.....	9,393,817	4,555,380	13,949,197
Total noncurrent assets.....	10,659,850	4,621,240	15,281,090
<b>TOTAL ASSETS.....</b>	<b>13,999,557</b>	<b>6,755,858</b>	<b>20,755,415</b>
<b>DEFERRED OUTFLOWS OF RESOURCES</b>			
Deferred outflows related to pensions.....	135,959	110,593	246,552
<b>LIABILITIES</b>			
<b>CURRENT:</b>			
Warrants payable.....	44,845	16,038	60,883
Accrued payroll.....	5,913	2,998	8,911
Accrued interest.....	38,849	14,487	53,336
Compensated absences.....	21,000	8,000	29,000
Bonds payable.....	460,800	248,854	709,654
Total current liabilities.....	571,407	290,377	861,784
<b>NONCURRENT:</b>			
Compensated absences.....	4,000	-	4,000
Net pension liability.....	497,032	404,298	901,330
Net other postemployment benefits liability.....	315,930	377,936	693,866
Bonds payable.....	5,299,900	1,441,511	6,741,411
Total noncurrent liabilities.....	6,116,862	2,223,745	8,340,607
<b>TOTAL LIABILITIES.....</b>	<b>6,688,269</b>	<b>2,514,122</b>	<b>9,202,391</b>
<b>DEFERRED INFLOWS OF RESOURCES</b>			
Deferred inflows related to pensions.....	41,723	33,939	75,662
Deferred inflows related to other postemployment benefits.....	61,041	73,021	134,062
<b>TOTAL DEFERRED INFLOWS OF RESOURCES.....</b>	<b>102,764</b>	<b>106,960</b>	<b>209,724</b>
<b>NET POSITION</b>			
Net investment in capital assets.....	4,899,150	2,930,875	7,830,025
Unrestricted.....	2,445,333	1,314,494	3,759,827
<b>TOTAL NET POSITION.....</b>	<b>\$ 7,344,483</b>	<b>\$ 4,245,369</b>	<b>\$ 11,589,852</b>

See notes to basic financial statements.

**PROPRIETARY FUNDS**  
STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION

YEAR ENDED JUNE 30, 2019

	Business-type Activities - Enterprise Funds		
	Water	Sewer	Total
<b>OPERATING REVENUES:</b>			
Charges for services.....	\$ 2,121,765	\$ 1,720,450	\$ 3,842,215
<b>OPERATING EXPENSES:</b>			
Cost of services and administration.....	910,504	1,232,187	2,142,691
Salaries and wages.....	373,224	205,316	578,540
Depreciation.....	327,975	255,071	583,046
<b>TOTAL OPERATING EXPENSES.....</b>	<b>1,611,703</b>	<b>1,692,574</b>	<b>3,304,277</b>
<b>OPERATING INCOME (LOSS).....</b>	<b>510,062</b>	<b>27,876</b>	<b>537,938</b>
<b>NONOPERATING REVENUES (EXPENSES):</b>			
Interest expense.....	(225,259)	(24,339)	(249,598)
<b>CHANGE IN NET POSITION.....</b>	<b>284,803</b>	<b>3,537</b>	<b>288,340</b>
<b>NET POSITION AT BEGINNING OF YEAR.....</b>	<b>7,059,680</b>	<b>4,241,832</b>	<b>11,301,512</b>
<b>NET POSITION AT END OF YEAR.....</b>	<b>\$ 7,344,483</b>	<b>\$ 4,245,369</b>	<b>\$ 11,589,852</b>

**PROPRIETARY FUNDS**  
**STATEMENT OF CASH FLOWS**

YEAR ENDED JUNE 30, 2019

	Business-type Activities - Enterprise Funds		
	Water	Sewer	Total
<b><u>CASH FLOWS FROM OPERATING ACTIVITIES:</u></b>			
Receipts from customers and users.....	\$ 2,220,425	\$ 1,794,003	\$ 4,014,428
Payments to vendors.....	(965,607)	(1,291,441)	(2,257,048)
Payments to employees.....	(321,772)	(138,473)	(460,245)
<b>NET CASH FROM OPERATING ACTIVITIES.....</b>	<b>933,046</b>	<b>364,089</b>	<b>1,297,135</b>
<b><u>CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES:</u></b>			
Acquisition and construction of capital assets.....	(18,000)	(65,860)	(83,860)
Principal payments on bonds and notes.....	(460,800)	(252,464)	(713,264)
Interest expense.....	(226,802)	(13,059)	(239,861)
<b>NET CASH FROM CAPITAL AND RELATED FINANCING ACTIVITIES.....</b>	<b>(705,602)</b>	<b>(331,383)</b>	<b>(1,036,985)</b>
<b>NET CHANGE IN CASH AND CASH EQUIVALENTS.....</b>	<b>227,444</b>	<b>32,706</b>	<b>260,150</b>
<b>CASH AND CASH EQUIVALENTS AT BEGINNING OF YEAR.....</b>	<b>2,214,482</b>	<b>1,425,714</b>	<b>3,640,196</b>
<b>CASH AND CASH EQUIVALENTS AT END OF YEAR.....</b>	<b>\$ 2,441,926</b>	<b>\$ 1,458,420</b>	<b>\$ 3,900,346</b>
<b><u>RECONCILIATION OF OPERATING INCOME (LOSS) TO NET CASH</u></b>			
<b><u>FROM OPERATING ACTIVITIES:</u></b>			
Operating income (loss).....	\$ 510,062	\$ 27,876	\$ 537,938
Adjustments to reconcile operating income to net cash from operating activities:			
Depreciation.....	327,975	255,071	583,046
Deferred (outflows)/inflows related to pensions.....	(63,144)	(51,363)	(114,507)
Deferred (outflows)/inflows related to other postemployment benefits.....	58,205	69,628	127,833
Changes in assets and liabilities:			
User charges.....	98,660	73,553	172,213
Warrants payable.....	(16,942)	(8,813)	(25,755)
Accrued payroll.....	(1,753)	(785)	(2,538)
Compensated absences.....	(5,000)	(2,000)	(7,000)
Net pension liability.....	75,656	61,540	137,196
Other postemployment benefits.....	(50,673)	(60,618)	(111,291)
Total adjustments.....	422,984	336,213	759,197
<b>NET CASH FROM OPERATING ACTIVITIES.....</b>	<b>\$ 933,046</b>	<b>\$ 364,089</b>	<b>\$ 1,297,135</b>
<b><u>NONCASH INVESTING, CAPITAL, AND FINANCING ACTIVITIES:</u></b>			
Change in the deferred loss on debt refunding.....	\$ -	\$ (13,300)	\$ (13,300)

See notes to basic financial statements.



**FIDUCIARY FUNDS**  
STATEMENT OF FIDUCIARY NET POSITION

JUNE 30, 2019

	Other Postemployment Benefit Trust Fund	Private Purpose Trust Funds	Agency Funds
<b>ASSETS</b>			
Cash and cash equivalents.....	-	24,639	161,829
Investments:			
Investments in Pension Reserve Investment Trust.....	3,470,967	-	-
Other investments.....	-	123,873	-
<b>TOTAL ASSETS.....</b>	<b>3,470,967</b>	<b>148,512</b>	<b>161,829</b>
<b>LIABILITIES</b>			
Liabilities due depositors.....	-	-	161,829
<b>NET POSITION</b>			
Restricted for other postemployment benefits.....	3,470,967	-	-
Held in trust for other purposes.....	-	148,512	-
<b>TOTAL NET POSITION.....</b>	<b>3,470,967</b>	<b>148,512</b>	<b>-</b>

See notes to basic financial statements.

**FIDUCIARY FUNDS**  
STATEMENT OF CHANGES IN FIDUCIARY NET POSITION

YEAR ENDED JUNE 30, 2019

	<u>Other Postemployment Benefit Trust Fund</u>	<u>Private Purpose Trust Funds</u>
<b>ADDITIONS:</b>		
Contributions:		
Employer contributions.....	\$ 400,000	\$ -
Employer contributions for other postemployment benefit payments....	1,393,557	-
Private donations.....	-	25
Total contributions.....	1,793,557	25
Net investment income:		
Investment income.....	181,475	5,830
TOTAL ADDITIONS.....	1,975,032	5,855
<b>DEDUCTIONS:</b>		
Other postemployment benefit payments.....	1,393,557	-
Educational scholarships.....	-	15,000
TOTAL DEDUCTIONS.....	1,393,557	15,000
NET INCREASE (DECREASE) IN NET POSITION.....	581,475	(9,145)
NET POSITION AT BEGINNING OF YEAR.....	2,889,492	157,657
NET POSITION AT END OF YEAR.....	\$ 3,470,967	\$ 148,512

See notes to basic financial statements.

**NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

The accompanying basic financial statements of the Town of Medfield, Massachusetts (Town) have been prepared in accordance with accounting principles generally accepted in the United States of America (GAAP). The Governmental Accounting Standards Board (GASB) is the recognized standard-setting body for establishing governmental accounting and financial reporting principles. The significant Town accounting policies are described herein.

**A. Reporting Entity**

The Town is a Massachusetts municipal corporation that is governed by an elected Board of Selectmen and an appointed Town Administrator.

The Town of Medfield was incorporated in 1651. The Town operates under a Town Meeting form of government. The Town's major operations include police and fire protection, education, culture and recreation, public works, health and human services and general administration services. In addition, the Town owns and operates water and sewer enterprises.

For financial reporting purposes, the Town has included all funds, organizations, agencies, boards, commissions and institutions. The Town has also considered all potential component units for which it is financially accountable as well as other organizations for which the nature and significance of their relationship with the Town are such that exclusion would cause the basic financial statements to be misleading or incomplete. As required by GAAP, these basic financial statements present the Town (the primary government) and its component units. It has been determined that there are no component units that meet the requirements for inclusion in the Town's basic financial statements.

***Joint Venture***

The Town has entered into a joint venture with the Towns of Franklin, Medway, Millis, Norfolk, North Attleborough, Plainville, Seekonk, Sherborn, Walpole and Wrentham, to pool resources and share the costs, risks and rewards of providing vocational education through the Tri-County Regional Vocational Technical High School. The Town of Medfield's 2019 assessment to Tri-County Regional Vocational Technical High School was \$181,279. The District issues a separate audited financial statement which may be obtained by contacting the District located at 147 Pond Street, Franklin, MA 02038.

**B. Government-Wide and Fund Financial Statements*****Government-Wide Financial Statements***

The government-wide financial statements (i.e., statement of net position and the statement of changes in net position) report information on all of the non-fiduciary activities of the primary government and its component units. *Governmental activities*, which are primarily supported by taxes and intergovernmental revenues, are reported separately from *business-type activities*, which are supported primarily by user fees and charges.

***Fund Financial Statements***

Separate financial statements are provided for governmental funds, proprietary funds, and fiduciary funds, even though fiduciary funds are excluded from the government-wide financial statements. Major individual governmental funds are reported as separate columns in the fund financial statements. Nonmajor funds are aggregated and displayed in a single column.

*Major Fund Criteria*

Major funds must be reported if the following criteria are met:

- If total assets and deferred outflows of resources, liabilities and deferred inflows of resources, revenues, or expenditures/expenses of an individual governmental or enterprise fund are at least 10 percent of the corresponding element (assets and deferred outflows of resources, liabilities and deferred inflows or resources, etc.) for all funds of that category or type (total governmental or total enterprise funds), *and*
- If the total assets and deferred outflows of resources, liabilities and deferred inflows of resources, revenues, or expenditures/expenses of the individual governmental fund or enterprise fund are at least 5 percent of the corresponding element for all governmental and enterprise funds combined.

Additionally, any other governmental or enterprise fund that management believes is particularly significant to the basic financial statements may be reported as a major fund.

Internal service funds and fiduciary funds are reported by fund type.

C. Measurement Focus, Basis of Accounting and Financial Statement Presentation*Government-Wide Financial Statements*

The government-wide financial statements are reported using the economic resources measurement focus and the accrual basis of accounting. Under this method, revenues are recorded when earned and expenses are recorded when the liabilities are incurred. Real estate and personal 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.

The statement of activities demonstrates the degree to which the direct expenses of a particular 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 the following:

- Charges to customers or applicants who purchase, use, or directly benefit from goods, services, or privileges provided by a given function or segment.
- Grants and contributions that are restricted to meeting the operational requirements of a particular function or segment.
- Grants and contributions that are restricted to meeting the capital requirements of a particular function or segment.

Taxes and other items not identifiable as program revenues are reported as general revenues.

For the most part, the effect of interfund activity has been removed from the government-wide financial statements. However, the effect of interfund services provided and used between functions is not eliminated as the elimination of these charges would distort the direct costs and program revenues reported for the functions affected.

*Fund Financial Statements*

**Governmental** fund financial statements are reported using the flow of current financial resources measurement focus and the modified accrual basis of accounting. Under the modified accrual basis of accounting, revenues are recognized when susceptible to accrual (i.e., measurable and available). Measurable means the amount of the transaction can be determined and available means collectible within the current period or soon enough thereafter to pay liabilities of the current period. Expenditures are recorded when the related fund liability is incurred, except for unmatured interest on general long-term debt which is recognized when due, and certain compensated absences, claims and judgments which are recognized when the obligations are expected to be liquidated with current expendable available resources.

Real estate and personal property tax revenues are considered available if they are collected within 60 days after year-end. Investment income is susceptible to accrual. Other receipts and tax revenues become measurable and available when the cash is received and are recognized as revenue at that time.

Entitlements and shared revenues are recorded at the time of receipt or earlier if the susceptible to accrual criteria is met. Expenditure driven grants recognize revenue when the qualifying expenditures are incurred and all other grant requirements are met.

The following major governmental funds are reported:

The *general fund* is the primary operating fund. It is used to account for all financial resources, except those that are required to be accounted for in another fund.

The nonmajor governmental funds consist of other special revenue, capital projects and permanent funds that are aggregated and presented in the *nonmajor governmental funds* column on the governmental funds financial statements. The following describes the general use of these fund types:

The *special revenue fund* is used to account for and report the proceeds of specific revenue sources that are restricted or committed to expenditure for specified purposes other than permanent funds or capital projects.

The *capital projects fund* is used to account for and report financial resources that are restricted, committed, or assigned to expenditure for capital outlays, including the acquisition or construction of capital facilities and other capital assets of the governmental funds.

The *permanent fund* is used to account for and report financial resources that are legally restricted to the extent that only earnings, not principal, may be used for purposes that support the governmental programs.

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

Proprietary funds distinguish operating revenues and expenses from nonoperating items. Operating revenues and expenses generally result from providing services and producing and delivering goods in connection with the proprietary funds principal ongoing operations. All revenues and expenses not meeting this definition are reported as nonoperating revenues and expenses.

The proprietary fund types include the *sewer enterprise fund* which accounts for the Town's sewer activities and the *water enterprise fund* which accounts for the Town's water activities.

**Fiduciary** funds are used to account for financial 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 Town's own programs. The accounting used for fiduciary funds is much like that used for proprietary funds.

The following fiduciary fund types are reported:

The *other postemployment benefit trust fund* is used to accumulate resources to provide funding for future other postemployment benefits (OPEB) liabilities.

The *private-purpose trust fund* is used to account for trust arrangements that exclusively benefit individuals, private organizations, or other governments. Some of these trusts have donor restrictions and trustee policies that do not allow the endowment portion and any unrealized appreciation to be spent. The donor restrictions and trustee policies only allows the trustees to authorize spending of the realized investment earnings. The Town's educational scholarship trusts are accounted for in this fund.

The *agency fund* is used to account for assets held in a purely custodial capacity, such as collection and payment of charges for special details, escrow accounts, deposits and deputy collector accounts.

#### D. Cash and Investments

##### *Government-Wide and Fund Financial Statements*

Cash and cash equivalents are considered to be cash on hand, demand deposits and short-term investments with an original maturity of three months or less from the date of acquisition. Investments are carried at fair value.

#### F. Fair Value Measurements

The Town reports required types of financial instruments in accordance with the fair value standards. These standards require an entity to maximize the use of observable inputs (such as quoted prices in active markets) and minimize the use of unobservable inputs (such as appraisals or valuation techniques) to determine fair value. Fair value standards also require the government to classify these financial instruments into a three-level hierarchy, based on the priority of inputs to the valuation technique or in accordance with net asset value practical expedient rules, which allow for either Level 2 or Level 3 depending on lock up and notice periods associated with the underlying funds.

Instruments measured and reported at fair value are classified and disclosed in one of the following categories:

Level 1 – Quoted prices are available in active markets for identical instruments as of the reporting date. Instruments, which are generally included in this category, include actively traded equity and debt securities, U.S. government obligations, and mutual funds with quoted market prices in active markets.

Level 2 – Pricing inputs are other than quoted in active markets, which are either directly or indirectly observable as of the reporting date, and fair value is determined through the use of models or other valuation methodologies. Certain fixed income securities, primarily corporate bonds, are classified as Level 2 because fair values are estimated using pricing models, matrix pricing, or discounted cash flows.

Level 3 – Pricing inputs are unobservable for the instrument and include situations where there is little, if any, market activity for the instrument. The inputs into the determination of fair value require significant management judgment or estimation.

In some instances the inputs used to measure fair value may fall into different levels of the fair value hierarchy and is based on the lowest level of input that is significant to the fair value measurement.

Market price is affected by a number of factors, including the type of instrument and the characteristics specific to the instrument. Instruments with readily available active quoted prices generally will have a higher degree of market price observability and a lesser degree of judgment used in measuring fair value. It is reasonably possible that change in values of these instruments will occur in the near term and that such changes could materially affect amounts reported in these financial statements. For more information on the fair value of the Town's financial instruments, see Note 2 – Cash and Investments.

#### F. Accounts Receivable

##### *Government-Wide and Fund Financial Statements*

The recognition of revenue related to accounts receivable reported in the government-wide financial statements and the proprietary funds and fiduciary funds financial statements are reported under the accrual basis of accounting. The recognition of revenue related to accounts receivable reported in the governmental funds financial statements are reported under the modified accrual basis of accounting.

##### ***Real Estate, Personal Property Taxes and Tax Liens***

Real estate and personal property taxes are levied and based on values assessed on January 1<sup>st</sup> of every year. Assessed values are established by the Board of Assessors for 95% of the estimated fair market value. Taxes are due on August 1<sup>st</sup>, November 1<sup>st</sup>, February 1<sup>st</sup> and May 1<sup>st</sup> 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 year of the levy.

Real estate tax liens are processed during the second and fourth quarter of every year on delinquent properties and are recorded as receivables in the year they are processed.

Real estate receivables are secured via the tax lien process and are considered 100% collectible. Accordingly, an allowance for uncollectibles is not reported.

Personal property taxes cannot be secured through the lien process. The allowance for uncollectibles is estimated based on historical trends and specific account analysis.

##### ***Motor Vehicle Excise***

Motor vehicle excise taxes are assessed annually for each vehicle registered in the Town and are recorded as receivables in the year of the levy. The Commonwealth is responsible for reporting the number of vehicles registered and the fair values of those vehicles. The tax calculation is the fair value of the vehicle multiplied by \$25 per \$1,000 of value.

The allowance for uncollectibles is estimated based on historical trends and specific account analysis.

##### ***Sewer***

Sewer user fees are levied semi-annually for individual and small commercial meter readings and quarterly for large commercial meter readings. These fees are subject to penalties and interest if they are not paid by the respective due date. Sewer liens are processed in December of every year and included as a lien on the property owner's tax bill. Sewer charges and liens are recorded as receivables in the year of the levy.

Since the receivables are secured via the lien process, these accounts are considered 100% collectible and therefore do not report an allowance for uncollectibles.

### **Water**

Water user fees are levied semi-annually for individual and small commercial meter readings and quarterly for large commercial meter readings. These fees are subject to penalties and interest if they are not paid by the respective due date. Water liens are processed in December of every year and included as a lien on the property owner's tax bill. Water charges and liens are recorded as receivables in the year of the levy.

Since the receivables are secured via the lien process, these accounts are considered 100% collectible and therefore do not report an allowance for uncollectibles.

### **Departmental and Other**

Departmental and other receivables consist primarily of ambulance and police detail receivables which are recorded as receivables in the year accrued. The allowance of uncollectibles is estimated based on historical trends and specific account analysis.

### **Intergovernmental**

Various federal and state grants for operating and capital purposes are applied for and received annually. For non-expenditure driven grants, receivables are recorded as soon as all eligibility requirements imposed by the provider have been met. For expenditure driven grants, receivables are recorded when the qualifying expenditures are incurred and all other grant requirements are met. These receivables are considered 100% collectible and therefore do not report an allowance for uncollectibles.

### G. Inventories

#### *Government-Wide and Fund Financial Statements*

Inventories are recorded as expenditures at the time of purchase. Such inventories are not material in total to the government-wide and fund financial statements, and therefore are not reported.

### H. Capital Assets

#### *Government-Wide and Proprietary Fund Financial Statements*

Capital assets, which include land, land improvements, buildings, machinery and equipment, and infrastructure (e.g., roads, water mains, sewer mains, and similar items), are reported in the governmental activity column of the government-wide financial statements, and the proprietary fund financial statements. Capital assets are recorded at historical cost, or at estimated historical cost, if actual historical cost is not available. Donated capital assets are recorded at the estimated fair market value at the date of donation. Except for the capital assets of the governmental activities column in the government-wide financial statements, construction period interest is capitalized on constructed capital assets.

All purchases and construction costs in excess of \$25,000 are capitalized at the date of acquisition or construction, respectively, with expected useful lives of greater than one year.



Capital assets (excluding land) are depreciated on a straight-line basis. The estimated useful lives of capital assets are as follows:

<u>Capital Asset Type</u>	<u>Estimated Useful Life (in years)</u>
Computer software.....	3-7
Office equipment.....	3-10
Vehicles.....	5
Building improvements.....	20
Buildings.....	40
Infrastructure.....	30-75

The cost of normal maintenance and repairs that do not add to the value of the assets or materially extend asset lives are not capitalized and are treated as expenses when incurred. Improvements are capitalized.

*Governmental Fund Financial Statements*

Capital asset costs are recorded as expenditures in the acquiring fund in the year of the purchase.

I. Deferred Outflows/Inflows of Resources

*Government-Wide Financial Statements (Net Position)*

In addition to assets, the statement of financial position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, *deferred outflows of resources*, represents a consumption of net position that applies to a future period(s) and so will *not* be recognized as an outflow of resources (expense/ expenditure) until then. The Town has recorded deferred outflows of resources related to a deferred loss on a refunding and pensions in the government-wide balance sheet.

In addition to liabilities, the statement of financial position will sometimes report a separate section for deferred inflows of resources. This separate financial statement element, *deferred inflows of resources*, represents an acquisition of net position that applies to a future period(s) and so will *not* be recognized as an inflow of resources (revenue) until that time. The Town has recorded a deferred inflow of resources related to pensions and OPEB in the government-wide balance sheet.

*Governmental Fund Financial Statements*

In addition to liabilities, the governmental funds balance sheet will sometimes report a separate section for deferred inflows of resources. This separate financial statement element, *deferred inflows of resources*, represents assets that have been recorded in the governmental fund financial statements but the revenue is not available and so will not be recognized as an inflow of resources (revenue) until it becomes available. The Town has recorded unavailable revenue as deferred inflows of resources in the governmental funds balance sheet.

J. Interfund Receivables and Payables

During the course of its operations, transactions occur between and within individual funds that may result in amounts owed between funds.

*Government-Wide Financial Statements*

Transactions of a buyer/seller nature between and within governmental funds and internal service funds are eliminated from the governmental activities in the statement of net position.

*Fund Financial Statements*

Transactions of a buyer/seller nature between and within funds are not eliminated from the individual fund statements. Receivables and payables resulting from these transactions are classified as "Due from other funds" or "Due to other funds" on the balance sheet.

K. Interfund Transfers

During the course of its operations, resources are permanently reallocated between and within funds. These transactions are reported as transfers in and transfers out.

*Government-Wide Financial Statements*

Residual balances outstanding between the governmental activities and business-type activities are reported in the statement of activities as "Transfers, net."

*Fund Financial Statements*

Transfers between and within funds are not eliminated from the individual fund statements and are reported as transfers in and transfers out.

L. Net Position and Fund Equity*Government-Wide Financial Statements (Net Position)*

Net position reported as "net investment in capital assets" includes capital assets, net of accumulated depreciation, less the principal balance of outstanding debt used to acquire capital assets. Unspent proceeds of capital related debt are not considered to be capital assets. Outstanding debt related to future reimbursements from the state's school building program and the Massachusetts Clean Water Trust's loan subsidy program is not considered to be capital related debt.

Net position is reported as restricted when amounts are not available for appropriation or are legally restricted by outside parties for a specific future use.

Net position has been "restricted for" the following:

"Pension reserve fund" represents the funds restricted for costs associated with future pension benefits.

"Future debt service" represents funds received in prior years from the MSBA that have been set aside for future debt payments.

"Permanent funds – expendable" represents the endowment and the amount of realized and unrealized investment earnings of donor restricted trusts that support governmental programs.

Sometimes the Town will fund outlays for a particular purpose from both restricted (e.g., restricted bond or grant proceeds) and unrestricted resources. In order to calculate the amounts to report as restricted – net position and unrestricted – net position in the government-wide and proprietary fund financial statements, a flow assumption must be made about the order in which the resources are considered to be applied. It is the Town’s policy to consider restricted – net position to have been depleted before unrestricted – net position is applied.

#### *Fund Financial Statements (Fund Balances)*

Governmental fund equity is classified as fund balance. Fund balance is further classified as follows:

“Nonspendable” fund balance includes amounts that cannot be spent because they are either not in spendable form or they are legally or contractually required to be maintained intact.

“Restricted” fund balance includes amounts subject to constraints placed on the use of resources that are either externally imposed by creditors, grantors, contributors, or laws or regulations of other governments; or that are imposed by law through constitutional provisions or enabling legislation.

“Committed” fund balance includes amounts that can only be used for specific purposes pursuant to constraints imposed by formal action of the government’s highest level of decision-making authority. Town Meeting is the highest level of decision making authority that can, by Town Meeting vote, commit funds for a specific purpose. Once voted, the limitation imposed by the vote remains in place until the funds are used for their intended purpose or a vote is taken to rescind the commitment.

“Assigned” fund balance includes amounts that are constrained by the Town’s intent to be used for specific purposes but are neither restricted nor committed. The Town’s by-laws authorize the Town Auditor to assign fund balance. Assignments generally only exist temporarily. Additional action does not have to be taken for the removal of an assignment.

“Unassigned” fund balance includes the residual classification for the general fund. This classification represents fund balance that has not been assigned to other funds and that has not been restricted, committed, or assigned to specific purposes within the general fund.

The Town’s spending policy is to spend restricted fund balance first, followed by committed, assigned and unassigned fund balance. Most governmental funds are designated for one purpose at the time of their creation. Therefore, any expenditure from the fund will be allocated to the applicable fund balance classifications in the order of the aforementioned spending policy. The general fund and certain other funds may have more than one purpose.

#### M. Long-term debt

##### *Government-Wide and Proprietary Fund Financial Statements*

Long-term debt is reported as liabilities in the government-wide and proprietary fund statement of net position. Material bond premiums and discounts are deferred and amortized over the life of the bonds using the effective interest method.

*Governmental Fund Financial Statements*

The face amount of governmental funds long-term debt is reported as other financing sources. Bond premiums and discounts, as well as issuance costs, are recognized in the current period. Bond premiums are reported as other financing sources and bond discounts are reported as other financing uses. Issuance costs, whether or not withheld from the actual bond proceeds received, are reported as general government expenditures.

N. Pensions

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 Norfolk County Contributory Retirement System and the Massachusetts Teachers Retirement (Systems) and additions to/deductions from the System's fiduciary net position have been determined on the same basis as they are reported by the Systems. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

O. Investment Income

Excluding the permanent funds, investment income derived from major and nonmajor governmental funds is legally assigned to the general fund unless otherwise directed by Massachusetts General Law (MGL).

P. Compensated Absences

Employees are granted vacation and sick leave in varying amounts based on collective bargaining agreements, state laws and executive policies.

*Government-Wide and Proprietary Fund Financial Statements*

Vested or accumulated vacation and sick leave are reported as liabilities and expensed as incurred.

*Governmental Fund Financial Statements*

Vested or accumulated vacation and sick leave, which will be liquidated with expendable available financial resources, are reported as expenditures and fund liabilities upon maturity of the liability.

Q. Use of Estimates*Government-Wide and Fund Financial Statements*

The preparation of basic financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure 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 year. Actual results could vary from estimates that were used.

R. Total Column*Government-Wide Financial Statements*

The total column presented on the government-wide financial statements represents consolidated financial information.

*Fund Financial Statements*

The total column on the fund financial statements is presented only to facilitate financial analysis. Data in this column is not the equivalent of consolidated financial information.

**NOTE 2 – CASH AND INVESTMENTS**

A cash and investment pool is maintained that is available for use by all funds. Each fund type's portion of this pool is displayed on the balance sheet as "Cash and Cash equivalents". The deposits and investments of the trust funds are held separately from those of other funds.

Statutes authorize the investment in obligations of the U.S. Treasury, agencies, and instrumentalities, certificates of deposit, repurchase agreements, money market accounts, bank deposits and the State Treasurer's Investment Pool (Pool). The Treasurer may also invest trust funds in securities, other than mortgages or collateral loans, which are legal for the investment of funds of savings banks under the laws of the Commonwealth.

The Pool meets the criteria of an external investment pool. The Pool is administered by the Massachusetts Municipal Depository Trust (MMDT), which was established by the Treasurer of the Commonwealth who serves as Trustee. The fair value of the position in the Pool is the same as the value of the Pool shares.

Custodial Credit Risk – Deposits

In the case of deposits, this is the risk that in the event of a bank failure, the Town's deposits may not be returned to it. The Town has adopted a formal policy to limit custodial credit risk of deposits. The policy limits the Town's uninsured, uncollateralized deposits to 5% of any one institution's assets and no more than 30% of the Town's cash. At year-end, the carrying amount of deposits totaled \$16,346,084 and the bank balance totaled \$17,350,182. Of the bank balance, \$3,334,978 was covered by Federal Depository Insurance, \$5,746,206 was covered by Depositor's Insurance Fund, \$3,470,564 was covered by Share's Insurance Fund, \$1,638,698 was collateralized and \$3,159,736 was exposed to custodial credit risk because it was uninsured and uncollateralized.

Investments

As of June 30, 2019, the Town of Medfield had the following investments:

Investment Type	Fair value	Maturities	
		Under 1 Year	1-5 Years
<u>Debt securities:</u>			
U.S. treasury notes.....	\$ 1,591,481	\$ 803,445	\$ 788,036
Government sponsored enterprises.....	5,696,723	-	5,696,723
Corporate bonds.....	1,636,098	949,199	686,899
Total debt securities.....	8,924,302	\$ 1,752,644	\$ 7,171,658
<u>Other investments:</u>			
Equity securities.....	376,624		
Fixed income.....	289,379		
Money market mutual funds.....	59,984		
Pension Reserve Investment Trust (PRIT).....	3,470,967		
MMDT - Cash portfolio.....	3,869,817		
Total investments.....	\$ 16,991,073		

The Town participates in MMDT, which maintains a cash portfolio and a short-term bond fund with combined average maturities of approximately 3 months.

Custodial Credit Risk – Investments

For an investment, this is the risk that, in the event of a failure by the counterparty, the Town will not be able to recover the value of its investments or collateral security that are in the possession of an outside party. The Town has custodial credit risk exposure of \$8,924,302 because the U.S. treasury bonds, government sponsored enterprise securities and corporate bonds are uninsured, unregistered and held by the counterparty. The Town's policy related to custodial credit risk is to limit the Town's exposure to only those institutions with a proven financial strength, capital adequacy, and an overall affirmative reputation in the municipal industry.

Interest Rate Risk

To manage its exposure to fair value losses arising from increasing interest rates, the Town's policy limits the investment of short-term funds to maturities of up to twelve months.

Credit Risk

Credit risk is the risk of loss due to the failure of the security issuer or backer. The Town's policy related to credit risk places no limit on investments in MMDT and U.S. Treasuries and Agencies. With regards to other investments, the Treasurer will limit purchases to investment grade securities with a high concentration in securities rated A or better. The Town's US treasury notes and government sponsored enterprises of \$7,288,204 are rated AA+. With regards to corporate bonds, \$304,854 are rated AAA, \$104,748 are rated AA, \$156,226 are rated AA-, \$157,353 are rated A+, \$149,513 are rated A, \$698,713 are rated A-, and \$64,691 are rated BBB+.

Additionally, the Town holds \$3,869,817 in MMDT which is unrated.

Concentration of Credit Risk

The Town places no limit on the amount the government may invest in any one issuer. As of June 30, 2019, no more than 5 percent of the Town's Investments are invested in any one issuer.

Fair Market Value of Investments

The Town holds investments that are measured at fair value on a recurring basis. Because investing is not a core part of the Town's mission, the Town determines that the disclosures related to these investments only need to be disaggregated by major type. The Town chooses a tabular format for disclosing the levels within the fair value hierarchy.

The Town categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the asset. Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; Level 3 inputs are significant unobservable inputs.

The Town has the following recurring fair value measurements as of June 30, 2019:

Investment Type	June 30, 2019	Fair Value Measurements Using		
		Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inpu (Level 3)
<b>Investments measured at fair value:</b>				
<u>Debt securities:</u>				
U.S. treasury notes.....	\$ 1,591,481	\$ 1,591,481	\$ -	\$ -
Government sponsored enterprises.....	5,696,723	5,696,723	-	-
Corporate bonds.....	1,636,098	-	1,636,098	-
Total debt securities.....	8,924,302	7,288,204	1,636,098	-
<u>Other investments:</u>				
Equity securities.....	376,624	376,624	-	-
Fixed income.....	289,379	289,379	-	-
Money market mutual funds.....	59,984	59,984	-	-
Total other investments.....	725,987	725,987	-	-
Total investments measured at fair value.....	9,650,289	\$ 8,014,191	\$ 1,636,098	\$ -
<b>Investments measured at amortized cost:</b>				
MMDT - Cash portfolio.....	3,869,817			
<b>Investments measured at net asset value:</b>				
Pension Reserve Investment Trust (PRIT).....	3,470,967			
Total investments.....	\$ 16,991,073			

United States treasury notes, government sponsored enterprises, equity securities, fixed income, and money market mutual funds classified in Level 1 of the fair value hierarchy are valued using prices quoted in active markets for those securities. Corporate bonds classified in Level 2 of the fair value hierarchy are valued using a matrix pricing technique. Matrix pricing is used to value securities based on the securities' relationship to benchmark quoted prices.

PRIT investments are valued using the net asset value method. This investment pool was established by the Treasurer of the Commonwealth of Massachusetts, who serves as the Trustee. PRIT is administered by the Pension Reserves Investment Management Board (PRIM). The fair values of the positions in each investment Pool are the same as the value of each Pool's shares. The Town does not have the ability to control any of the investment decisions relative to its funds in PRIT.

MMDT investments are valued at amortized cost. Under the amortized cost method, an investment is valued initially at its cost and adjusted for the amount of interest income accrued each day over the term of the investment to account for any differences between the initial cost and the amount payable at its maturity. If amortized cost is determined not to approximate fair value, the value of the portfolio securities will be determined under procedures established by the Advisor.

**NOTE 3 – RECEIVABLES**

At June 30, 2019, receivables for the individual major governmental funds and nonmajor, internal service, and fiduciary funds in the aggregate, including the applicable allowances for uncollectible accounts, are as follows:

	Gross Amount	Allowance for Uncollectibles	Net Amount
<u>Receivables:</u>			
Real estate and personal property taxes..... \$	332,789	\$ (3,122)	\$ 329,667
Tax liens.....	580,841	-	580,841
Motor vehicle and other excise taxes.....	67,161	-	67,161
Departmental and other.....	426,158	(238,625)	187,533
Intergovernmental - other.....	850,792	-	850,792
Special assessments.....	910,065	-	910,065
 Total..... \$	 <u>3,167,806</u>	 <u>\$ (241,747)</u>	 <u>\$ 2,926,059</u>

At June 30, 2019, receivables for the sewer and water enterprise funds are as follows:

	Gross Amount	Allowance for Uncollectibles	Net Amount
<u>Receivables:</u>			
Water user charges..... \$	897,781	-	\$ 897,781
Sewer user charges.....	676,198	-	676,198
 Total..... \$	 <u>1,573,979</u>	 <u>-</u>	 <u>\$ 1,573,979</u>



Governmental funds report *unavailable revenue* in connection with receivables for revenues that are not considered to be available to liquidate liabilities of the current period. At the end of the current year, the various components of *unavailable revenue* reported in the governmental funds were as follows:

	General Fund	Other Governmental Funds	Total
<u>Receivables:</u>			
Real estate and personal property taxes.....	\$ 203,345	\$ -	\$ 203,345
Tax liens.....	580,841	-	580,841
Motor vehicle and other excise taxes.....	67,161	-	67,161
Departmental and other.....	187,533	-	187,533
Intergovernmental - highway improvements.....	-	224,219	224,219
Intergovernmental - other.....	-	43,351	43,351
Special assessments.....	910,065	-	910,065
 Total.....	 \$ <u>1,948,945</u>	 \$ <u>267,570</u>	 \$ <u>2,216,515</u>

**NOTE 4 – CAPITAL ASSETS**

Capital asset activity for the governmental activities for the year ended June 30, 2019, was as follows:

	Beginning Balance	Increases	Decreases	Ending Balance
<b>Governmental Activities:</b>				
<u>Capital assets not being depreciated:</u>				
Land.....	\$ 21,260,194	\$ -	\$ -	\$ 21,260,194
Construction in progress.....	1,251,135	206,961	(961,010)	497,086
 Total capital assets not being depreciated....	 <u>22,511,329</u>	 <u>206,961</u>	 <u>(961,010)</u>	 <u>21,757,280</u>
<u>Capital assets being depreciated:</u>				
Land improvements.....	21,957	129,700	-	151,657
Buildings and improvements.....	114,188,843	78,845	-	114,267,688
Machinery and equipment.....	8,412,171	161,406	-	8,573,577
Vehicles.....	1,261,363	117,616	-	1,378,979
Textbooks and software.....	2,751,969	-	-	2,751,969
Infrastructure.....	53,798,881	1,096,004	-	54,894,885
 Total capital assets being depreciated.....	 <u>180,435,184</u>	 <u>1,583,571</u>	 <u>-</u>	 <u>182,018,755</u>
<u>Less accumulated depreciation for:</u>				
Land improvements.....	(21,957)	(3,569)	-	(25,526)
Buildings and improvements.....	(35,089,312)	(2,809,663)	-	(37,898,975)
Machinery and equipment.....	(6,066,443)	(416,011)	-	(6,482,454)
Vehicles.....	(1,107,111)	(91,605)	-	(1,198,716)
Textbooks and software.....	(2,661,991)	(20,269)	-	(2,682,260)
Infrastructure.....	(31,587,756)	(1,223,187)	-	(32,810,943)
 Total accumulated depreciation.....	 <u>(76,534,570)</u>	 <u>(4,564,304)</u>	 <u>-</u>	 <u>(81,098,874)</u>
 Total capital assets being depreciated, net.....	 <u>103,900,614</u>	 <u>(2,980,733)</u>	 <u>-</u>	 <u>100,919,881</u>
 Total governmental activities capital assets, net.....	 \$ <u>126,411,943</u>	 \$ <u>(2,773,772)</u>	 \$ <u>(961,010)</u>	 \$ <u>122,677,161</u>

Capital asset activity for the business type activities for the year ended June 30, 2019, was as follows:

	Beginning Balance	Increases	Decreases	Ending Balance
<b>Water:</b>				
<u>Capital assets not being depreciated:</u>				
Land.....	\$ 1,248,033	\$ -	\$ -	\$ 1,248,033
Construction in progress.....	5,978,116	18,000	(5,978,116)	18,000
Total capital assets not being depreciated....	7,226,149	18,000	(5,978,116)	1,266,033
<u>Capital assets being depreciated:</u>				
Buildings.....	1,945,015	-	-	1,945,015
Machinery and equipment.....	469,889	-	-	469,889
Vehicles and other.....	314,617	-	-	314,617
Infrastructure.....	7,223,290	5,978,116	-	13,201,406
Total capital assets being depreciated.....	9,952,811	5,978,116	-	15,930,927
<u>Less accumulated depreciation for:</u>				
Buildings.....	(1,342,176)	(45,817)	-	(1,387,993)
Machinery and equipment.....	(358,856)	(17,349)	-	(376,205)
Vehicles and other.....	(248,168)	(18,985)	-	(267,153)
Infrastructure.....	(4,259,935)	(245,824)	-	(4,505,759)
Total accumulated depreciation.....	(6,209,135)	(327,975)	-	(6,537,110)
Total capital assets being depreciated, net.....	3,743,676	5,650,141	-	9,393,817
Total water activities capital assets, net.....	\$ 10,969,825	\$ 5,668,141	\$ (5,978,116)	\$ 10,659,850

	Beginning Balance	Increases	Decreases	Ending Balance
<b>Sewer:</b>				
<u>Capital assets not being depreciated:</u>				
Construction in progress.....	\$ -	\$ 65,860	\$ -	\$ 65,860
<u>Capital assets:</u>				
Buildings and improvements.....	7,496,950	-	-	7,496,950
Machinery and equipment.....	1,208,998	-	-	1,208,998
Vehicles.....	166,080	-	-	166,080
Infrastructure.....	1,404,031	-	-	1,404,031
Total capital assets being depreciated.....	10,276,059	-	-	10,276,059
<u>Less accumulated depreciation for:</u>				
Buildings and improvements.....	(4,495,181)	(138,469)	-	(4,633,650)
Machinery and equipment.....	(507,917)	(72,173)	-	(580,090)
Vehicles.....	(121,050)	(15,030)	-	(136,080)
Infrastructure.....	(341,460)	(29,399)	-	(370,859)
Total accumulated depreciation.....	(5,465,608)	(255,071)	-	(5,720,679)
Total capital assets being depreciated, net.....	4,810,451	(255,071)	-	4,555,380
Total sewer activities capital assets, net.....	\$ 4,810,451	\$ (189,211)	\$ -	\$ 4,621,240

Depreciation expense was charged to functions/programs of the primary government as follows:

**Governmental Activities:**

General government.....	\$ 74,773
Public safety.....	671,479
Education.....	1,957,849
Public works.....	1,671,259
Health and human services.....	89,523
Culture and recreation.....	<u>99,421</u>

Total depreciation expense - governmental activities..... \$ 4,564,304

**Business-Type Activities:**

Water.....	\$ 327,975
Sewer.....	<u>255,071</u>

Total depreciation expense - business-type activities..... \$ 583,046

**NOTE 5 – INTERFUND TRANSFERS**

Interfund transfers for the year ended June 30, 2019, are summarized as follows:

Transfers Out:	Transfers In:		
	General fund	Nonmajor governmental funds	Total
General fund.....	\$ -	\$ 1,035,000	\$ 1,035,000 (1)
Nonmajor governmental funds.....	<u>1,164,430</u>	<u>58,800</u>	<u>1,223,230 (2)</u>
Total.....	<u>\$ 1,164,430</u>	<u>\$ 1,093,800</u>	<u>\$ 2,258,230</u>

(1) Represents transfers from general fund to various nonmajor funds.

(2) Represents transfers between nonmajor funds and from nonmajor funds to the general fund.

**NOTE 6 – SHORT-TERM FINANCING**

Short-term debt may be authorized and issued to fund the following:

- Current operating costs prior to the collection of revenues through issuance of revenue or tax anticipation notes (RANS or TANS).
- Capital project costs and other approved expenditures incurred prior to obtaining permanent financing through issuance of bond anticipation notes (BANS) or grant anticipation notes (GANS).

Short-term loans are general obligations and carry maturity dates that are limited by statute. Interest expenditures and expenses for short-term borrowings are accounted for in the general fund and enterprise funds, respectively.

The governmental and enterprise funds did not issue or redeem short-term debt during the year and did not have any amounts outstanding at year-end.

#### NOTE 7 – LONG-TERM DEBT

Under the provisions of Chapter 44, Section 10, Municipal Law authorizes indebtedness up to a limit of 5% of the equalized valuation. Debt issued in accordance with this section of the law is designated as being "inside the debt limit". In addition, however, debt may be authorized in excess of that limit for specific purposes. Such debt, when issued, is designated as being "outside the debt limit".

Details related to the outstanding indebtedness at June 30, 2019, and the debt service requirements are as follows:

#### Bonds Payable Schedule – Governmental Funds

Project	Maturities Through	Original Loan Amount	Interest Rate (%)	Outstanding at June 30, 2019
MCWT Bond of 2001 .....	2020	\$ 74,538	4.10-5.75	\$ 4,100
Municipal Purpose Refunding Bonds of 2005.....	2020	8,311,300	3.68	435,000
Municipal Purpose Bonds of 2007.....	2025	4,130,000	4-5	1,250,000
Municipal Purpose Bonds of 2010.....	2025	1,550,000	2-4	605,000
Municipal Purpose Bonds Refuding of 2012.....	2022	8,704,840	3-4	2,214,300
Municipal Purpose Bonds Refuding of 2013.....	2023	11,420,000	2-3	4,205,000
Garage Bonds Unlimited Tax .....	2034	9,500,000	2-4	7,570,000
Municipal Purpose Bonds of 2015.....	2035	1,360,000	2-4	1,080,000
Municipal Purpose Bonds of 2016.....	2035	16,375,000	2-5	13,095,000
Commonwealth of Massachusetts - State Hospital.....	2025	3,100,000	0.00	1,705,000
Municipal Purpose Bonds of 2017.....	2032	1,500,000	2-4	1,300,000
Total Bonds Payable.....				33,463,400
Add: Unamortized premium on bonds.....				249,022
Total Bonds Payable, net.....				\$ 33,712,422

Debt service requirements for principal and interest for Governmental bonds payable in future years are as follows:

Year	Principal	Interest	Total
2020.....	4,403,300	1,209,750	5,613,050
2021.....	3,945,100	1,064,680	5,009,780
2022.....	3,585,000	917,523	4,502,523
2023.....	3,085,000	776,744	3,861,744
2024.....	2,050,000	680,480	2,730,480
2025.....	1,905,000	609,267	2,514,267
2026.....	1,470,000	537,655	2,007,655
2027.....	1,485,000	478,457	1,963,457
2028.....	1,495,000	426,345	1,921,345
2029.....	1,510,000	372,281	1,882,281
2030.....	1,530,000	307,924	1,837,924
2031.....	1,545,000	257,538	1,802,538
2032.....	1,570,000	199,332	1,769,332
2033.....	1,490,000	140,519	1,630,519
2034.....	1,515,000	81,019	1,596,019
2035.....	880,000	33,659	913,659
Total.....	\$ 33,463,400	\$ 8,093,173	\$ 41,556,573

The Town is scheduled to be subsidized by the Massachusetts Clean Water Trust (MCWT) on a periodic basis for principal in the amount of \$4,212 and interest costs for \$113. Thus, net MCWT loan repayments, including interest are scheduled to be \$4,099. The principal subsidies are guaranteed. The interest subsidies are supported through future investment income and are expected to be made, although not guaranteed. Since the Town is legally obligated for the total amount of the debt, such amounts have been reported in the accompanying basic financial statements. The 2019 principal and interest subsidies totaled approximately \$10,000 and \$1,300, respectively.

**Bonds Payable Schedule – Sewer Enterprise Fund**

Project	Maturities Through	Original Loan Amount	Interest Rate (%)	Outstanding at June 30, 2019
MCWT Sewer of 2008.....	2029	\$ 1,009,030	2.00	\$ 552,878
MCWT Sewer of 2012.....	2033	400,000	2.00	297,487
Sewer Refunding Bond of 2012.....	2022	1,055,500	3-4	300,000
Sewer Bond of 2013.....	2028	400,000	2-5	180,000
Solar Voltaic Array of 2015.....	2028	610,000	2-5	360,000
Total Bonds Payable.....				\$ 1,690,365

Debt service requirements for principal and interest for the sewer enterprise fund bonds payable in future years are as follows:

Year	Principal	Interest	Total
2020.....	248,854	51,819	300,673
2021.....	250,273	42,728	293,001
2022.....	251,722	33,409	285,131
2023.....	153,200	23,959	177,159
2024.....	154,709	18,766	173,475
2025.....	156,249	13,819	170,068
2026.....	97,821	8,804	106,625
2027.....	99,425	6,732	106,157
2028.....	101,062	4,615	105,677
2029.....	82,734	2,714	85,448
2030.....	22,824	1,658	24,482
2031.....	23,320	1,197	24,517
2032.....	23,827	725	24,552
2033.....	24,345	243	24,588
Total.....	\$ 1,690,365	\$ 211,188	\$ 1,901,553

**Bonds Payable Schedule – Water Enterprise Fund**

Project	Maturities Through	Original Loan Amount	Interest Rate (%)	Outstanding at June 30, 2019
Water Bond of 2010.....	2021	\$ 400,000	2-4	\$ 150,000
Water Refunding Bonds of 2012.....	2022	464,660	3-4	120,700
Water Bond of 2013.....	2028	1,400,000	2-5	830,000
Water Main Replacement of 2015.....	2035	5,840,000	2-4	4,660,000
Total Bonds Payable, net.....				\$ 5,760,700

Debt service requirements for principal and interest for the water enterprise fund bonds payable in future years are as follows:

Year	Principal	Interest	Total
2020.....	\$ 460,800	\$ 167,891	\$ 628,691
2021.....	459,900	156,022	615,922
2022.....	445,000	143,237	588,237
2023.....	415,000	127,563	542,563
2024.....	405,000	111,532	516,532
2025.....	405,000	96,963	501,963
2026.....	380,000	84,762	464,762
2027.....	380,000	75,987	455,987
2028.....	380,000	66,794	446,794
2029.....	290,000	57,638	347,638
2030.....	290,000	48,938	338,938
2031.....	290,000	40,238	330,238
2032.....	290,000	31,538	321,538
2033.....	290,000	22,838	312,838
2034.....	290,000	13,956	303,956
2035.....	290,000	4,712	294,712
Total.....	\$ <u>5,760,700</u>	\$ <u>1,250,609</u>	\$ <u>7,011,309</u>

The Town is subject to various debt limits by statute and may issue additional general obligation debt under the normal debt limit. At June 30, 2019, the Town had the following authorized and unissued debt:

Purpose	Amount
Affordable Public Housing Design, Construction and Property Aquisition.....	\$ 1,000,000
Mount Nebo Water Tower Painting.....	<u>850,000</u>
Total.....	<u>\$ 1,850,000</u>

Changes in Long-term Liabilities

During the year ended June 30, 2019, the following changes occurred in long-term liabilities:

	Beginning Balance	Bonds and Notes Issued	Bonds and Notes Redeemed	Other Increases	Other Decreases	Ending Balance	Due Within One Year
<b>Governmental Activities:</b>							
Long-term bonds payable.....	\$ 37,934,800	\$ -	\$ (4,471,400)	\$ -	\$ -	\$ 33,463,400	\$ 4,403,300
Add: Unamortized premium on bonds.....	373,893	-	(124,871)	-	-	249,022	102,827
Total bonds payable.....	38,308,693	-	(4,596,271)	-	-	33,712,422	4,506,127
Landfill closure.....	92,000	-	-	-	(23,000)	69,000	23,000
Compensated absences.....	1,165,000	-	-	514,800	(570,800)	1,109,000	508,600
Net pension liability.....	19,189,922	-	-	5,878,111	(2,432,660)	22,635,373	-
Other postemployment benefits.....	40,336,371	-	-	2,587,206	(8,162,605)	34,760,972	-
Total governmental activity long-term liabilities.....	\$ 99,091,986	\$ -	\$ (4,596,271)	\$ 8,980,117	\$ (11,189,065)	\$ 92,286,767	\$ 5,037,727
<b>Business-Type Activities:</b>							
Long-term bonds payable.....	\$ 8,164,329	\$ -	\$ (713,264)	\$ -	\$ -	\$ 7,451,065	\$ 709,654
Compensated absences.....	40,000	-	-	29,000	(36,000)	33,000	29,000
Net pension liability.....	764,134	-	-	234,064	(96,868)	901,330	-
Other postemployment benefits.....	805,157	-	-	51,643	(162,934)	693,866	-
Total business-type activity long-term liabilities.....	\$ 9,773,620	\$ -	\$ (713,264)	\$ 314,707	\$ (295,802)	\$ 9,079,261	\$ 738,654

The governmental activities long-term liabilities are generally liquidated by the general fund. Business-type activities long-term liabilities are liquidated by each respective fund.

**NOTE 8 – GOVERNMENTAL FUND BALANCE CLASSIFICATIONS**

The Town classifies fund balance according to the constraints imposed on the use of the resources.

There are two major types of fund balances, which are nonspendable and spendable. Nonspendable fund balances are balances that cannot be spent because they are not expected to be converted to cash or they are legally or contractually required to remain intact. Examples of this classification are prepaid items, inventories, and principal (corpus) of an endowment fund. The Town has reported principal portions of endowment funds as nonspendable.

In addition to the nonspendable fund balance, spendable fund balances are classified based on a hierarchy of spending constraints.

- Restricted: fund balances that are constrained by external parties, constitutional provisions, or enabling legislation.
- Committed: fund balances that contain self-imposed constraints of the government from its highest level of decision making authority.
- Assigned: fund balances that contain self-imposed constraints of the government to be used for a particular purpose.
- Unassigned: fund balance of the general fund that is not constrained for any particular purpose.



The Town has classified its fund balances with the following hierarchy:

	<u>General</u>	<u>Nonmajor Governmental Funds</u>	<u>Total Governmental Funds</u>
Fund Balances:			
Restricted for:			
Capital projects fund.....	\$ -	850,178	\$ 850,178
Town gifts funds.....	-	289,059	289,059
Town grant funds.....	-	184,149	184,149
Town revolving fund.....	-	1,359,551	1,359,551
School gift funds.....	-	168,021	168,021
School revolving fund.....	-	1,328,804	1,328,804
Highway fund.....	-	5,289	5,289
School grants fund.....	-	4,252	4,252
Permanent funds.....	-	2,307,315	2,307,315
Pension reserve fund.....	3,629,363	-	3,629,363
Future debt service.....	4,156,835	-	4,156,835
Committed to:			
Articles and continuing appropriations:			
General government.....	250,261	-	250,261
Public safety.....	2,739	-	2,739
Education.....	1,446,291	-	1,446,291
Public works.....	120,349	-	120,349
Health and human services.....	6,317	-	6,317
Culture and recreation.....	195,774	-	195,774
Assigned to:			
Encumbrances:			
General government.....	64,309	-	64,309
Public safety.....	8,955	-	8,955
Education.....	226,711	-	226,711
Public works.....	25,290	-	25,290
Health and human services.....	1,930	-	1,930
Employee benefits.....	642	-	642
Free cash used for subsequent year budget.....	800,000	-	800,000
Unassigned.....	4,984,898	(45,302)	4,939,596
Total Fund Balances.....	\$ 15,920,664	\$ 6,451,316	\$ 22,371,980

Massachusetts General Law Ch.40 §5B allows for the establishment of stabilization funds for one or more different purposes. The creation of a fund requires a two-thirds vote of the legislative body and must clearly define the purpose of the fund. Any change to the purpose of the fund along with any additions to or appropriations from the fund requires a two-thirds vote of the legislative body. The Town has four stabilization funds which are reported as part of the general fund.

At year end the unassigned balance of the general fund includes \$1.4 million of the general stabilization fund and \$540,000 of the betterment stabilization fund. The pension reserve fund of \$3.6 million and the future debt service of \$4.2 million are reported as restricted fund balance within the general fund.

**NOTE 9 – RISK FINANCING**

The Town is exposed to various risks of loss related to torts; theft of, damage to and destruction of assets; errors and omissions; and natural disasters for which the Town carries commercial insurance. In addition, the Town is self-insured for damages not covered by commercial insurance. The amount of claim settlements has not exceeded insurance coverage in any of the previous three years.

The Town participates in premium-based plans for the healthcare of its active and a portion of its retirees; and for its workers compensation.

**NOTE 10 – PENSION PLAN***Plan Description*

The Town is a member of the Norfolk County Retirement System (NCRS), a cost-sharing multiple-employer defined benefit pension plan covering eligible employees of the 41 member units. The system is administered by five board members (Board) on behalf of all current employees and retirees except for current teachers and retired teachers. Chapter 32 of the MGL assigns authority to establish and amend benefit provisions of the plan. A copy of their audited financial report may be obtained by visiting <http://www.norfolkcountyretirement.org>.

The Town is a member of the Massachusetts Teachers' Retirement System (MTRS), a cost-sharing multi-employer defined benefit plan. MTRS is managed by the Commonwealth of Massachusetts (Commonwealth) on behalf of municipal teachers and municipal teacher retirees. The Commonwealth is a nonemployer contributor and is responsible for 100% of the contributions and future benefit requirements of the MTRS. The MTRS covers certified teachers in cities (except Boston), towns, regional school districts, charter schools, educational collaboratives and Quincy College. The MTRS is part of the Commonwealth's reporting entity and the audited financial report may be obtained by visiting <http://www.mass.gov/osc/publications-and-reports/financial-reports/>.

*Special Funding Situation*

The Commonwealth is a nonemployer contributor and is required by statute to make 100% of all actuarially determined employer contributions on behalf of the Town to the MTRS. Therefore, the Town is considered to be in a special funding situation as defined by GASB Statement No. 68, *Accounting and Financial Reporting for Pensions* and the Commonwealth is a nonemployer contributor in MTRS. Since the Town does not contribute directly to MTRS, there is no net pension liability to recognize. The total of the Commonwealth provided contributions have been allocated based on each employer's covered payroll to the total covered payroll of employers in MTRS as of the measurement date of June 30, 2018. The Town's portion of the collective pension expense, contributed by the Commonwealth, of \$7,884,451 is reported in the general fund as intergovernmental revenue and pension expense in the current fiscal year. The portion of the Commonwealth's collective net pension liability associated with the Town is \$77,805,403 as of the measurement date.

*Benefits Provided*

Both Systems provide retirement, disability, survivor and death benefits to plan members and beneficiaries. Massachusetts Contributory Retirement System benefits are, with certain minor exceptions, uniform from system to system. 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 persons who became members on or after April 2, 2012, average salary is the average annual rate of regular compensation received during the five consecutive years that produce the highest average, or, if greater, during the last five years (whether or not consecutive) preceding retirement. Benefit payments are based upon a member's age, length of creditable

service, level of compensation, and group classification. Members become vested after ten years of creditable service.

Employees who resign from service and who are not eligible to receive a retirement allowance or are under the age of 55 are entitled to request a refund of their accumulated total deductions. Survivor benefits are extended to eligible beneficiaries of members whose death occurs prior to or following retirement.

Cost-of-living adjustments granted between 1981 and 1997 and any increase in other benefits imposed by the Commonwealth's state law during those years are borne by the Commonwealth and are deposited into the pension fund. Cost-of-living adjustments granted after 1997 must be approved by the Board and are borne by the System.

There were no changes of benefit terms that affected measurement of the total pension liability since the prior measurement date

#### *Contributions*

Chapter 32 of the MGL governs the contributions of plan members and member units. Active plan members are required to contribute to the System at rates ranging from 5% to 9% of gross regular compensation with an additional 2% contribution required for compensation exceeding \$30,000. The percentage rate is keyed to the date upon which an employee's membership commences. The member units are required to pay into the NCRS a legislatively mandated actuarial determined contribution that is apportioned among the employers based on active current payroll. The Town's proportionate share of the required contribution equaled its actual contribution for the year ended December 31, 2018 was \$2,529,530, 21.96% of covered payroll, actuarially determined as an amount that, when combined with plan member contributions, is expected to finance the costs of benefits earned by plan members during the year, with an additional amount to finance any unfunded accrued liability.

#### *Pension Liabilities*

At June 30, 2019, the Town reported a liability of \$23,536,703 for its proportionate share of the net pension liability. The net pension liability was measured as of December 31, 2018, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of January 1, 2018. Accordingly, update procedures were used to roll forward the total pension liability to the measurement date. The Town's proportion of the net pension liability was based on a projection of the Town's long-term share of contributions to the pension plan relative to the projected contributions of all participating members, actuarially determined. At December 31, 2018, the Town's proportion was 3.62%, which increased .01% from its proportion measured at December 31, 2017.

#### *Pension Expense*

For the year ended June 30, 2019, the Town recognized pension expense of \$3,242,459. At June 30, 2019, the Town reported deferred outflows of resources related to pensions of \$6,438,283, and the Town reported deferred inflows of resources related to pensions of \$1,975,787.

The balances of deferred outflows and inflows at June 30, 2019 consist of the following:

Deferred Category	Deferred Outflows of Resources	Deferred Inflows of Resources	Total
Differences between expected and actual experience.....	\$ 1,280,497	\$ -	\$ 1,280,497
Difference between projected and actual earnings.....	4,238,313	(1,381,465)	2,856,848
Changes in assumptions.....	695,982	(381,998)	313,984
Changes in proportion and proportionate share of contributions...	223,491	(212,324)	11,167
Total deferred outflows/(inflows) of resources.....	\$ 6,438,283	\$ (1,975,787)	\$ 4,462,496

The Town’s deferred outflows (inflows) of resources related to pensions will be recognized in pension expense as follows:

Year ended June 30:	
2020.....	\$ 1,546,619
2021.....	1,282,829
2022.....	706,990
2023.....	926,058
Total.....	\$ 4,462,496

*Actuarial Assumptions* - The total pension liability in the January 1, 2018, actuarial valuation was determined using the following actuarial assumptions, applied to all periods included in the measurement that was updated to December 31, 2018:

Valuation date.....	January 1, 2018
Actuarial cost method.....	Entry Age Normal Cost Method
Asset valuation method.....	Market value
Investment rate of return.....	7.75%
Projected salary increases.....	3.50% - 5.50%
Inflation rate.....	4.00%
Cost of living adjustments.....	3.00% of first \$17,000 of retirement income
Mortality rates.....	The RP-2014 Blue Collar Mortality Table adjusted with Scale with MP-2014

*Investment policy*

The pension plan’s policy in regard to the allocation of invested assets is established and may be amended by the Board. Plan assets are managed on a total return basis with a long-term objective of achieving and maintaining a fully funded status for the benefits provided through the pension plan.

The long-term expected rate of return on pension plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. Best estimates of arithmetic real rates of return for each major asset class included in the pension plan’s target asset allocation as of January 1, 2018, are summarized in the table on the following page.

<u>Asset Class</u>	<u>Long-Term Expected Asset Allocation</u>	<u>Long-Term Expected Real Rate of Return</u>
Domestic Equity	32.00%	8.10%
International Equities.....	17.50%	8.20%
Fixed Income.....	19.00%	3.20%
Real Estate.....	9.00%	7.30%
Private Equity	8.50%	10.40%
Hedge Funds.....	9.00%	7.40%
Real Assets.....	5.00%	10.40%
Total.....	<u>100.00%</u>	

*Rate of return*

For the year ended December 31, 2018, the annual money-weighted rate of return on pension plan investments, net of pension plan investment expense, was -4.54%. The money-weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts actually invested.

*Sensitivity of the net position liability to changes in the discount rate*

The following presents the net position liability, calculated using the discount rate of 7.75%, as well as what the net position liability would be if it were calculated using a discount rate that is 1-percentage-point lower (6.75%) or 1-percentage-point higher (8.75%) than the current rate:

	<u>1% Decrease (6.75%)</u>	<u>Current Discount (7.75%)</u>	<u>1% Increase (8.75%)</u>
	<u>December 31, 2018 Measurement Date</u>		
The Town's proportionate share of the net pension liability.....	\$ <u>29,551,376</u>	\$ <u>23,536,703</u>	\$ <u>18,473,924</u>
NCRS total net pension liability.....	\$ <u>816,336,350</u>	\$ <u>650,940,390</u>	\$ <u>510,329,389</u>

**NOTE 11 – POSTEMPLOYMENT BENEFITS OTHER THAN PENSIONS**

*Plan Description* – The Town of Medfield administers a single-employer defined benefit healthcare plan (Plan). The Plan provides lifetime healthcare and life insurance for eligible retirees and their spouses through the Town’s group health insurance plan, which covers both active and retired members. Chapter 32B of the MGL assigns authority to establish and amend benefit provisions of the Plan. Benefit provisions are negotiated between the

Town and the unions representing Town employees and are renegotiated each bargaining period. The Plan does not issue a publicly available financial report.

*Funding Policy* – Contribution requirements are also negotiated between the Town and union representatives. The required contribution is based on a pay-as-you-go financing requirement. For 2019, the Town contributed \$1.8 million to the plan.

The Commonwealth of Massachusetts passed special legislation that has allowed the Town to establish an Other Postemployment Benefits Trust Fund which allows the Town to set aside amounts to being pre-funding its OPEB liabilities. During year 2019, the Town pre-funded future OPEB liabilities in the amount of \$400,000 by contributing funds to the Other Postemployment Benefits Trust Fund in excess of the pay-as-you-go required contribution. The balance of the Fund at year end is \$3,470,967, which is reported within the Fiduciary Fund financial statements.

*Measurement Date* – The net OPEB liability was measured as of June 30, 2019, and the total OPEB liability used to calculate the net OPEB liability was determined by an actuarial valuation as of January 1, 2019.

*Plan Membership* – The following table represents the Plan’s membership at January 1, 2019:

Active members.....	522
Inactive plan members entitled to but not yet receiving benefits.....	4
Retired, disabled, survivors and beneficiaries receiving benefits.....	<u>229</u>
 Total.....	 <u><u>755</u></u>

*Components of OPEB Liability* – The following table represents the components of the Plan’s OPEB liability as of June 30, 2019:

Total OPEB liability.....	\$ 38,925,805
Less: OPEB plan's fiduciary net position.....	<u>(3,470,967)</u>
 Net OPEB liability.....	 \$ <u><u>35,454,838</u></u>
 The OPEB plan's fiduciary net position as a percentage of the total OPEB liability.....	  8.92%

*Significant Actuarial Methods and Assumptions* – The total OPEB liability in the January 1, 2019, actuarial valuation was determined by using the following actuarial assumptions, applied to all periods included in the measurement, unless otherwise specified, that was updated to June 30, 2019, to be in accordance with GASB Statements #74 and #75:

Valuation date.....	January 1, 2019
Actuarial cost method.....	Entry Age Normal
Asset valuation method.....	Market value of assets with payables and receivables
Health care trend rate.....	7.5% in 2019 decreasing down to 5.00%

Interest rate/discount rate..... 5.94% per year, net of investment expense as of 6/30/2019. In the calculation of the discount rate, the 20-year Municipal General Obligation bonds as shown in the Bond Buyer 20 Bond Index (3.5%) was used

Mortality rates:

Actives..... The RP-2014 Mortality Tables adjusted to 2006, sex-distinct, for Employees projected using generational mortality and scale MP-2016

Retirees..... The RP-2014 Mortality Tables adjusted to 2006, sex-distinct, for Healthy Annuitants projected using generational mortality and scale MP-2016

Disabled..... The RP-2014 Mortality Tables adjusted to 2006, sex-distinct, for Healthy Annuitants projected using generational mortality and scale MP-2016. Set forward 2 years

*Rate of Return* – For the year ended June 30, 2019, the annual money-weighted rate of return on OPEB plan investments, net of investment expense, was 5.57%. The money-weighted rate of return expresses investment performance, net of OPEB plan investment expense, adjusted for the changing amounts actually invested.

*Investment Policy* - The OPEB plan’s assets are managed on a total return basis with a long-term objective of achieving and maintaining a fully funded status for the benefits provided through the OPEB plan. The long-term real rate of return on OPEB investments was determined using the Town’s investment policy.

The long-term expected real rate of return reflects the expected rate of return on plan assets minus the expected rate of inflation. Note that the discount rate includes the effect of inflation. The long-term real rate of return removes the effect of inflation on the return amounts. It is a long-term assumption and is meant to reflect a best estimate of future experience, based on the expected asset allocation. The allocation percentages are based on information provided by Medfield and the Massachusetts PRIT (Pension Reserves Investment Trust). The real rates of return below are based on long-term return estimates provided by PRIT, adjusted for a 2.25% inflation assumption.

Asset Class	Long-Term Expected Asset Allocation	Long-Term Expected Real Rate of Return
U.S equity.....	13.00%	5.25%
International equities.....	13.00%	5.43%
Emerging international equities.....	5.00%	6.90%
Hedged equity.....	8.00%	4.54%
Core bonds.....	6.00%	2.07%
Short-term fixed income.....	2.00%	1.72%
20+ year treasury strips.....	3.00%	1.22%
TIPS.....	4.00%	1.71%
Value-added fixed income.....	8.00%	5.21%
Private equity.....	13.00%	8.70%
Real estate.....	10.00%	4.09%
Timberland.....	4.00%	4.65%
Portfolio completion.....	11.00%	4.41%
Total.....	100.00%	

*Discount Rate* – The discount rate used to measure the total OPEB liability was 5.94% as of June 30, 2019 and 5.47% as of June 30, 2018. The projection of cash flows used to determine the discount rate assumed that contributions will be made in accordance with the Plan’s funding policy. Based on those assumptions, the OPEB plan’s fiduciary net position was projected to be insufficient to make all projected benefit payments to current plan members. Therefore, the 20-year Municipal General Obligation bonds as shown in the Bond Buyer 20 Bond Index as of June 30, 2019, which was 3.50%, was applied.

*Changes in the Net OPEB Liability:*

	Increase (Decrease)		
	Total OPEB Liability (a)	Plan	
		Fiduciary Net Position (b)	Net OPEB Liability (a) - (b)
Balances at June 30, 2018.....	\$ 44,031,020	\$ 2,889,492	\$ 41,141,528
Changes for the year:			
Service cost.....	1,573,811	-	1,573,811
Interest.....	2,456,470	-	2,456,470
Contributions.....	-	1,793,557	(1,793,557)
Net investment income.....	-	181,475	(181,475)
Difference between expected and actual experience...	(5,360,645)	-	(5,360,645)
Changes in assumptions.....	(2,381,294)	-	(2,381,294)
Benefit payments.....	(1,393,557)	(1,393,557)	-
Net change.....	(5,105,215)	581,475	(5,686,690)
Balances at June 30, 2019.....	\$ 38,925,805	\$ 3,470,967	\$ 35,454,838

*Sensitivity of the OPEB liability to changes in the discount rate* – The following table presents the net other postemployment benefit liability and service cost, calculated using the discount rate of 5.94%, as well as what the net other postemployment benefit liability and service cost would be if it were calculated using a discount rate that is 1-percentage point lower (4.94%) or 1-percentage point higher (6.94%) than the current rate.

	Current		
	1% Decrease (4.94%)	Discount Rate (5.94%)	1% Increase (6.94%)
Net OPEB liability.....	\$ 40,484,707	\$ 35,454,838	\$ 31,293,396

*Sensitivity of the OPEB liability to changes in the healthcare trend* – For postretirement medical plans in particular, the calculated actuarial values are highly sensitive to the assumed rate of health care cost trend. This is due to the compounding effect of the annual trend rates assumed for medical costs, as opposed to pension valuations where benefit levels typically remain fixed. The following table illustrates the effect on our valuation results of a 1% increase or decrease in the assumed rates of health care cost trend in each year.

	1% Decrease	Current Trend	1% Increase
Net OPEB liability.....	\$ 30,308,713	\$ 35,454,838	\$ 41,890,005

*OPEB Expense and Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB* – For the year ended June 30, 2019, the GASB Statement #75 measurement date, the Town recognized OPEB



expense of \$2,638,851 At June 30, 2019, the Town reported deferred outflows of resources related to OPEB from the sources noted on the following page.

<u>Deferred Category</u>	<u>Deferred Inflows of Resources</u>
Differences between expected and actual experience.....	\$ (4,556,950)
Difference between projected and actual earnings, net.....	(87,630)
Changes in assumptions.....	<u>(2,205,687)</u>
 Total deferred outflows/(inflows) of resources.....	 \$ <u><u>(6,850,267)</u></u>

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

Measurement date year ended June 30:

2020.....	\$ (1,222,436)
2021.....	(1,222,436)
2022.....	(1,222,436)
2023.....	(1,196,554)
2024.....	(1,194,058)
Thereafter.....	<u>(792,347)</u>
 Total.....	 \$ <u><u>(6,850,267)</u></u>

*Changes in Assumptions* – The assumption change is due to the change in the discount rate from 5.47% to 5.94%. In addition, the mortality assumption changed as well as a change in the morbidity assumption to calculate age-graded claim rates based on health care costs from birth to death, published by the Society of Actuaries in June 2013. A change in withdrawal, disability and retirement assumptions for teachers has been implemented, and the new assumptions are based on the 2014 Teachers Retirement System experience study conducted by PERAC.

*Changes in Plan Provisions* – None

**NOTE 12 – LANDFILL**

State and federal laws and regulations require the Town to construct a final capping system on its landfill site when it stops accepting waste and to perform certain maintenance and monitoring functions at the site after closure. The landfill capping took place in 1997. The Town has reflected a \$69,000 post-closure care liability at June 30, 2019 as an obligation of the governmental activities. This amount is based upon estimates of what it would cost to perform all post-closure care. Actual costs may be higher due to inflation, changes in technology, or changes in regulations. Its cost was estimated based on semi-annual sampling for the current monitoring network at the site and estimated costs to maintain the integrity of the landfill cap during the post-closure period.

**NOTE 13 – COMMITMENTS**

The Town is committed to expending \$9.5 million for the DPW garage project. Through June 30, 2019, the Town has incurred \$8.7 million of expenditures related to this project. The Town is also committed to expending \$18 million for a public safety building project. Through June 30, 2019, the Town has incurred \$16.3 million of expenditures related to this project. Furthermore, the Town is committed to expending \$1.7 million for the High School field project. Through June 30, 2019, the Town has incurred \$1.5 million of expenditures related to this project.

**NOTE 14 – CONTINGENCIES**

The Town participates in a number of federal award programs. Although the grant programs have been audited in accordance with the provisions of *Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* through June 30, 2018, these programs are still subject to financial and compliance audits. The amount, if any, of expenditures which may be disallowed by the granting agencies cannot be determined at this time, although it is expected such amounts, if any, to be immaterial.

Various legal actions and claims are pending. Litigation is subject to many uncertainties, and the outcome of individual litigated matters is not always predictable. Although the amount of liability, if any, at June 30, 2019, cannot be ascertained, management believes any resulting liability should not materially affect the financial position at June 30, 2019.

**NOTE 15 – SUBSEQUENT EVENTS**

Management has evaluated subsequent events through February 26, 2020, which is the date the financial statements were available to be issued.

**NOTE 16 – IMPLEMENTATION OF NEW GASB PRONOUNCEMENTS**

During 2019, the following GASB pronouncements were implemented:

- GASB Statement #83, *Certain Asset Retirement Obligations*. This pronouncement did not impact the basic financial statements.
- GASB Statement #88, *Certain Disclosures Related to Debt, including Direct Borrowings and Direct Placements*. This pronouncement did not impact the basic financial statements.

The following GASB pronouncements will be implemented in the future:

- The GASB issued Statement #84, *Fiduciary Activities*, which is required to be implemented in 2020.
- The GASB issued Statement #87, *Leases*, which is required to be implemented in 2021.
- The GASB issued Statement #89, *Accounting for Interest Cost Incurred before the End of a Construction Period*, which is required to be implemented in 2021.

- The GASB issued Statement #90, Majority Equity Interests – an amendment of GASB Statements #14 and #61, which is required to be implemented in 2020.
- The GASB issued Statement #91, Conduit Debt Obligations, which is required to be implemented in 2022.

Management is currently assessing the impact the implementation of these pronouncements will have on the basic financial statements.

## ***Required Supplementary Information***

# ***General Fund Budgetary Schedule***

The General Fund is the general operating fund of the Town. It is used to account for all the financial resources, except those required to be accounted for in another fund.

**GENERAL FUND**  
**SCHEDULE OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE -**  
**BUDGET AND ACTUAL**

YEAR ENDED JUNE 30, 2019

	Budgeted Amounts			
	Amounts	Current Year		
	Carried Forward From Prior Year	Initial Budget	Original Budget	Final Budget
<b>REVENUES:</b>				
Real estate and personal property taxes, net of tax refunds..... \$	-	\$ 47,695,882	\$ 47,695,882	\$ 47,705,385
Tax liens.....	-	-	-	-
Motor vehicle and other excise taxes.....	-	2,010,000	2,010,000	2,010,000
Meals tax.....	-	150,000	150,000	150,000
Penalties and interest on taxes.....	-	58,000	58,000	58,000
Fees and rentals.....	-	301,727	301,727	301,727
Payments in lieu of taxes.....	-	3,396	3,396	3,396
Licenses and permits.....	-	700,000	700,000	700,000
Fines and forfeitures.....	-	20,435	20,435	20,435
Intergovernmental - other.....	-	7,805,273	7,805,273	7,805,273
Departmental and other.....	-	543,137	543,137	543,137
Special assessments.....	-	250,871	250,871	250,871
Investment income.....	-	200,000	200,000	200,000
<b>TOTAL REVENUES.....</b>	<b>-</b>	<b>59,738,721</b>	<b>59,738,721</b>	<b>59,748,224</b>
<b>EXPENDITURES:</b>				
Current:				
General government.....	203,212	3,921,216	4,124,428	4,550,848
Public safety.....	3,427	4,868,950	4,872,377	4,631,190
Education.....	28,191	35,697,048	35,725,239	36,782,867
Public works.....	35,642	3,336,164	3,371,806	3,377,780
Health and human services.....	-	523,095	523,095	535,371
Culture and recreation.....	57,069	1,377,556	1,434,625	1,434,625
Pension benefits.....	-	2,578,193	2,578,193	2,578,193
Property and liability insurance.....	-	-	-	217,065
Employee benefits.....	-	5,464,436	5,464,436	5,222,371
State and county charges.....	-	548,574	548,574	548,574
Debt service:				
Principal.....	-	4,461,489	4,461,489	4,461,489
Interest.....	-	1,342,602	1,342,602	1,342,602
<b>TOTAL EXPENDITURES.....</b>	<b>327,541</b>	<b>64,119,323</b>	<b>64,446,864</b>	<b>65,682,975</b>
<b>EXCESS (DEFICIENCY) OF REVENUES</b>				
<b>OVER (UNDER) EXPENDITURES.....</b>	<b>(327,541)</b>	<b>(4,380,602)</b>	<b>(4,708,143)</b>	<b>(5,934,751)</b>
<b>OTHER FINANCING SOURCES (USES):</b>				
Use of prior year special articles.....	-	131,827	131,827	131,827
Use of prior year encumbrances.....	327,541	-	327,541	467,068
Use of free cash.....	-	1,675,000	1,675,000	1,675,000
Budgeted use of sewer betterment reserves.....	-	506,236	506,236	506,236
Budgeted use of debt reserves.....	-	1,667,244	1,667,244	1,667,244
Budgeted use of park and rec revolving fund revenue.....	-	96,116	96,116	96,116
Budgeted use of pension and cemetery funds.....	-	95,000	95,000	95,000
Budgeted use of school property revolving fund.....	-	30,000	30,000	30,000
Other amounts raised.....	-	(122,665)	(122,665)	(122,665)
Transfers in.....	-	651,844	651,844	1,651,844
Transfers out.....	-	(350,000)	(350,000)	(262,919)
<b>TOTAL OTHER FINANCING</b>				
<b>SOURCES (USES).....</b>	<b>327,541</b>	<b>4,380,602</b>	<b>4,708,143</b>	<b>5,934,751</b>
<b>NET CHANGE IN FUND BALANCE.....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>BUDGETARY FUND BALANCE, Beginning of year.....</b>	<b>-</b>	<b>10,744,529</b>	<b>10,744,529</b>	<b>10,744,529</b>
<b>BUDGETARY FUND BALANCE, End of year..... \$</b>	<b>- \$</b>	<b>10,744,529 \$</b>	<b>10,744,529 \$</b>	<b>10,744,529</b>

See notes to required supplementary information.

	Actual Budgetary Amounts	Amounts Carried Forward To Next Year	Variance to Final Budget
\$	47,643,840	\$ -	\$ (61,545)
	59,596	-	59,596
	2,186,090	-	176,090
	175,517	-	25,517
	73,231	-	15,231
	371,420	-	69,693
	3,529	-	133
	564,806	-	(135,194)
	18,417	-	(2,018)
	7,931,619	-	126,346
	508,672	-	(34,465)
	332,607	-	81,736
	<u>336,471</u>	<u>-</u>	<u>136,471</u>
	<u>60,205,815</u>	<u>-</u>	<u>457,591</u>
	2,907,591	314,568	1,328,689
	4,470,090	11,694	149,406
	35,107,265	1,673,003	2,599
	3,183,513	145,639	48,628
	502,543	8,372	24,456
	1,187,799	195,774	51,052
	2,529,530	-	48,663
	191,348	-	25,717
	4,977,532	-	244,839
	538,612	-	9,962
	4,461,489	-	-
	<u>1,341,952</u>	<u>-</u>	<u>650</u>
	<u>61,399,264</u>	<u>2,349,050</u>	<u>1,934,661</u>
	<u>(1,193,449)</u>	<u>(2,349,050)</u>	<u>2,392,252</u>
	-	-	(131,827)
	-	-	(467,068)
	-	-	(1,675,000)
	-	-	(506,236)
	-	-	(1,667,244)
	-	-	(96,116)
	-	-	(95,000)
	-	-	(30,000)
	-	-	122,665
	2,241,725	-	589,881
	<u>(1,361,236)</u>	<u>-</u>	<u>(1,098,317)</u>
	<u>880,489</u>	<u>-</u>	<u>(5,054,262)</u>
	(312,960)	(2,349,050)	(2,662,010)
	<u>10,744,529</u>	<u>-</u>	<u>-</u>
\$	<u>10,431,569</u>	<u>(2,349,050)</u>	<u>(2,662,010)</u>

# ***Pension Plan Schedules***

The Schedule of the Town's Proportionate Share of the Net Pension Liability presents multi-year trend information on the Town's net pension liability and related ratios.

The Schedule of Contributions presents multi-year trend information on the Town's required and actual contributions to the pension plan and related ratios.

The Schedule of the Special Funding Amounts of the Net Pension Liability for the Massachusetts Teachers Contributory Retirement System presents multi-year trend information on the liability and expense assumed by the Commonwealth of Massachusetts on behalf of the City along with related ratios.

These schedules are intended to present information for ten years. Until a ten-year trend is compiled, information is presented for those years for which information is available.



**SCHEDULE OF THE TOWN'S PROPORTIONATE SHARE  
OF THE NET PENSION LIABILITY  
NORFOLK COUNTY RETIREMENT SYSTEM**

<u>Year</u>	<u>Proportion of the net pension liability (asset)</u>	<u>Proportionate share of the net pension liability (asset)</u>	<u>Covered- employee payroll</u>	<u>Net pension liability as a percentage of covered- employee payroll</u>
December 31, 2018.....	3.62%	\$ 23,536,703	\$ 11,517,097	204.36%
December 31, 2017.....	3.50%	19,954,056	11,127,630	179.32%
December 31, 2016.....	3.68%	19,233,924	10,548,923	182.33%
December 31, 2015.....	3.68%	20,014,556	10,076,580	198.62%
December 31, 2014.....	3.57%	18,532,460	9,226,088	200.87%

Note: this schedule is intended to present information for 10 years.  
Until a 10-year trend is compiled, information is presented for those years for which information is available.

See notes to required supplementary information.

**SCHEDULE OF THE TOWN'S CONTRIBUTIONS  
NORFOLK COUNTY RETIREMENT SYSTEM**

<u>Year</u>	<u>Actuarially determined contribution</u>	<u>Contributions in relation to the actuarially determined contribution</u>	<u>Contribution deficiency (excess)</u>	<u>Covered- employee payroll</u>	<u>Contributions as a percentage of covered- employee payroll</u>
June 30, 2019.....	\$ 2,529,530	\$ (2,529,530)	-	\$ 11,747,439	21.53%
June 30, 2018.....	2,309,695	(2,309,695)	-	11,350,183	20.35%
June 30, 2017.....	2,084,180	(2,084,180)	-	10,759,901	19.37%
June 30, 2016.....	2,354,129	(2,354,129)	-	10,278,112	22.90%
June 30, 2015.....	1,686,967	(1,686,967)	-	9,410,610	17.93%

Note: this schedule is intended to present information for 10 years.  
Until a 10-year trend is compiled, information is presented for those years for which information is available.

See notes to required supplementary information.

**SCHEDULE OF THE SPECIAL FUNDING AMOUNTS  
OF THE NET PENSION LIABILITY  
MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM**

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The Commonwealth of Massachusetts is a nonemployer contributor and is required by statute to make all actuarially determined employer contributions on behalf of the member employers which creates a special funding situation. Therefore, there is no net pension liability to recognize. This schedule discloses the Commonwealth's 100% share of the associated collective net pension liability; the portion of the collective pension expense as both a revenue and pension expense recognized; and the Plan's fiduciary net position as a percentage of the total liability.

Year	Commonwealth's 100% Share of the Associated Net Pension Liability	Expense and Revenue Recognized for the Commonwealth's Support	Plan Fiduciary Net Position as a Percentage of the Total Liability
2019.....	\$ 77,805,403	\$ 7,884,451	54.84%
2018.....	73,186,215	7,638,658	54.25%
2017.....	68,911,336	7,029,408	52.73%
2016.....	64,245,956	5,210,919	55.38%
2015.....	49,601,101	3,470,968	61.64%

Note: this schedule is intended to present information for 10 years.

Until a 10-year trend is compiled, information is presented for those years for which information is available.

See notes to required supplementary information.

# ***Other Postemployment Benefits Plan Schedules***

The Schedule of Changes in the Town's Net Other Postemployment Benefit Liability and Related Ratios presents multi-year trend information on the Plan's net other postemployment benefit liability and related ratios.

The Schedule of the Town's Contributions presents multi-year trend information on the Town's statutory contributions to the other postemployment benefit plan and related ratios.

The Schedule of Investment Return presents multi-year trend information on the money-weighted investment return on the Plan's other postemployment assets, net of investment expense.

These schedules are intended to present information for ten years. Until a ten-year trend is compiled, information is presented for those years for which information is available

**SCHEDULE OF CHANGES IN THE  
TOWN'S NET OPEB LIABILITY AND RELATED RATIOS  
OTHER POSTEMPLOYMENT BENEFIT PLAN**

	June 30, 2017	June 30, 2018	June 30, 2019
<b>Total OPEB Liability</b>			
Service Cost.....	\$ 1,532,499	\$ 1,591,851	\$ 1,573,811
Interest.....	2,034,393	2,143,436	2,456,470
Differences between expected and actual experience....	-	-	(5,360,645)
Changes of assumptions.....	-	(248,102)	(2,381,294)
Benefit payments.....	<u>(1,407,524)</u>	<u>(1,466,077)</u>	<u>(1,393,557)</u>
Net change in total OPEB liability.....	2,159,368	2,021,108	(5,105,215)
Total OPEB liability - beginning.....	<u>39,850,544</u>	<u>42,009,912</u>	<u>44,031,020</u>
Total OPEB liability - ending (a).....	<u>\$ 42,009,912</u>	<u>\$ 44,031,020</u>	<u>\$ 38,925,805</u>
<b>Plan fiduciary net position</b>			
Employer contributions.....	\$ 1,984,778	\$ 400,000	\$ 400,000
Employer contributions for OPEB payments.....	1,407,000	1,466,077	1,393,557
Net investment income.....	253,395	251,319	181,475
Benefit payments.....	<u>(1,407,000)</u>	<u>(1,466,077)</u>	<u>(1,393,557)</u>
Net change in plan fiduciary net position.....	2,238,173	651,319	581,475
Plan fiduciary net position - beginning of year.....	<u>-</u>	<u>2,238,173</u>	<u>2,889,492</u>
Plan fiduciary net position - end of year (b).....	<u>\$ 2,238,173</u>	<u>\$ 2,889,492</u>	<u>\$ 3,470,967</u>
<b>Net OPEB liability - ending (a)-(b).....</b>	<u>\$ 39,771,739</u>	<u>\$ 41,141,528</u>	<u>\$ 35,454,838</u>
Plan fiduciary net position as a percentage of the total OPEB liability.....	5.33%	6.56%	8.92%
Covered-employee payroll.....	\$ 31,717,000	\$ 32,351,340	\$ 37,701,382
Net OPEB liability as a percentage of covered-employee payroll.....	125.40%	127.17%	94.04%

Note: this schedule is intended to present information for 10 years.  
Until a 10-year trend is compiled, information is presented for those years for which information is available.

See notes to required supplementary information.

**SCHEDULE OF THE TOWN'S CONTRIBUTIONS  
OTHER POSTEMPLOYMENT BENEFIT PLAN**

Year	Statutory determined contribution	Contributions in relation to the statutory determined contribution	Contribution deficiency (excess)	Covered- employee payroll	Contributions as a percentage of covered- employee payroll
June 30, 2019.....	\$ 1,393,557	\$ (1,793,557)	\$ (400,000)	\$ 37,701,382	4.76%
June 30, 2018.....	1,466,077	(1,866,077)	(400,000)	32,351,340	5.77%
June 30, 2017 (1).....	4,108,000	(3,391,778)	716,222	31,717,000	10.69%

Note: this schedule is intended to present information for 10 years.  
Until a 10-year trend is compiled, information is presented for those years for which information is available.

(1) The contribution reported for June 30, 2017 is the actuarially determined contribution.

See notes to required supplementary information.

**SCHEDULE OF INVESTMENT RETURNS**  
**OTHER POSTEMPLOYMENT BENEFIT PLAN**

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<u>Year</u>	<u>Annual money-weighted rate of return, net of investment expense</u>
June 30, 2019.....	5.57%
June 30, 2018.....	11.15%
June 30, 2017.....	12.77%

Note: this schedule is intended to present information for 10 years. Until a 10-year trend is compiled, information is presented for those years for which information is available.

See notes to required supplementary information.

**NOTE A – STEWARDSHIP, COMPLIANCE AND ACCOUNTABILITY**

1. Budgetary Information

Municipal Law requires the adoption of a balanced budget that is reviewed by the Finance Committee (Committee). The Committee presents the annual budget to the open Town Meeting, which includes estimates of revenues and other financing sources and recommendations of expenditures and other financing uses. Town Meeting, which has full authority to amend and/or reject the budget or any line item, adopts the expenditure budget by majority vote.

The majority of appropriations are non-continuing and lapse at the end of each year. Others are continuing appropriations for which the governing body has authorized that an unspent balance from a prior year be carried forward and made available for spending in the current year. These carry forwards are included as part of the subsequent year’s original budget.

Generally, expenditures may not exceed the legal level of spending (salaries, expenses and capital) authorized for an appropriation account. However, the payment of debt service is statutorily required, regardless of whether such amounts are appropriated. Additionally, expenditures for disasters, natural or otherwise, and final judgments may exceed the level of spending authorized by majority vote at a Special Town Meeting.

An annual budget is adopted for the general fund in conformity with the guidelines described above. The original 2019 approved budget, including amounts carried forward from the prior years authorized approximately \$64.8 million in appropriations and other amounts to be raised. There was a \$1.1 million increase from the original budget to the final amended budget mainly due to a transfer in from the municipal building stabilization fund. The Town Accountant’s Office has the responsibility to ensure that budgetary control is maintained. Budgetary control is exercised through the accounting system.

2. Budgetary - GAAP Reconciliation

For budgetary financial reporting purposes, the Uniform Municipal Accounting System basis of accounting (established by the Commonwealth) is followed, which differs from the GAAP basis of accounting. A reconciliation of budgetary-basis to GAAP-basis results for the general fund for the year ended June 30, 2019, follows.

Net change in fund balance - budgetary basis.....	\$ (312,960)
<u>Perspective differences:</u>	
Activity of the stabilization fund recorded in the general fund for GAAP.....	273,298
Activity of the betterment stabilization fund recorded in the general fund for GAAP.....	(270,819)
Activity of the pension reserve fund recorded in the general fund for GAAP.....	53,440
<u>Basis of accounting differences:</u>	
Net change in recording 60 day receipts.....	86,673
Net change in recording accrued payroll.....	1,586
Recognition of revenue for on-behalf payments.....	7,884,451
Recognition of expenditures for on-behalf payments.....	<u>(7,884,451)</u>
Net change in fund balance - GAAP basis.....	<u>\$ (168,782)</u>



**NOTE B – PENSION PLAN**Schedule of the Town's Proportionate Share of the Net Pension Liability

The Schedule of the Town's Proportionate Share of the Net Pension Liability details the allocated percentage of the net pension liability (asset), the proportionate share of the net pension liability, and the covered employee payroll. It also demonstrates the net position as a percentage of the pension liability and the net pension liability as a percentage of covered payroll.

Schedule of Town's Contributions

Governmental employers are required to pay an annual appropriation as established by PERAC. The appropriation includes the amounts to pay the pension portion of each member's retirement allowance, an amount to amortize the actuarially determined unfunded liability to zero in accordance with the system's funding schedule, and additional appropriations in accordance with adopted early retirement incentive programs. The appropriations are payable on July 1 and January 1. The Town may choose to pay the entire appropriation in July at a discounted rate. Accordingly, actual contributions may be less than the "total appropriation". The pension fund appropriation is allocated to the Town based on covered payroll.

Schedule of the Special Funding Amounts of the Net Pension Liabilities

The Commonwealth of Massachusetts is a nonemployer contributor and is required by statute to make all actuarially determined employer contributions on behalf of the member employers which creates a special funding situation. Since the Town does not contribute directly to MTRS, there is no net pension liability to recognize. This schedule discloses the Commonwealth's 100% share of the collective net pension liability that is associated with the Town; the portion of the collective pension expense as both a revenue and pension expense recognized by the Town; and the Plan's fiduciary net position as a percentage of the total liability.

Changes in Assumptions - None

Changes in Plan Provisions - None

**NOTE C – OTHER POST EMPLOYMENT BENEFITS**

The Town administers a single-employer defined benefit healthcare plan (Other Post Employment Benefit Plan). The plan provides lifetime healthcare, dental and life insurance for eligible retirees and their spouses through the Town's health insurance plan, which covers both active and retired members, including teachers.

**The Other Postemployment Benefit Plan**Schedule of the Changes in the Town's Net Other Postemployment Benefit Liability and Related Ratios

The Schedule of the Changes in the Town's Net Other Postemployment Benefit Liability and Related Ratios presents multi-year trend information on changes in the Plan's total OPEB liability, changes in the Plan's net position, and ending net OPEB liability. It also demonstrates the Plan's net position as a percentage of the total liability and the Plan's net other postemployment benefit liability as a percentage of covered employee payroll.

Schedule of the Town’s Contributions

The Schedule of the Town’s Contributions includes the Town’s statutory required contribution to the Plan, along with the contribution made in relation to the statutory required contribution and the covered employee payroll. It also demonstrates the contributions as a percentage of covered payroll. Methods and assumptions used to determine contribution rates are as follows:

Valuation date.....	January 1, 2019
Actuarial cost method.....	Entry Age Normal
Asset valuation method.....	Market value of assets with payables and receivables
Health care trend rate.....	7.5% in 2019 decreasing down to 5.00%
Interest rate/discount rate.....	5.94% per year, net of investment expense as of 6/30/2019. In the calculation of the discount rate, the 20-year Municipal General Obligation bonds as shown in the Bond Buyer 20 Bond Index (3.5%) was used

Mortality rates:

Actives.....	The RP-2014 Mortality Tables adjusted to 2006, sex-distinct, for Employees projected using generational mortality and scale MP-2016
Retirees.....	The RP-2014 Mortality Tables adjusted to 2006, sex-distinct, for Healthy Annuitants projected using generational mortality and scale MP-2016
Disabled.....	The RP-2014 Mortality Tables adjusted to 2006, sex-distinct, for Healthy Annuitants projected using generational mortality and scale MP-2016. Set forward 2 years

Schedule of Investment Return

The Schedule of Investment Return includes the money-weighted investment return on the Plan’s other postemployment assets, net of investment expense.

Changes in Assumptions

The assumption change is due to the change in the discount rate from 5.47% to 5.94%. In addition, the mortality assumption changed as well as a change morbidity assumption to calculate age-graded claim rates based on health care costs from birth to death, published by the Society of Actuaries in June 2013. A change in withdrawal, disability and retirement assumptions for teachers has been implemented. The new assumptions are based on the 2014 Teachers Retirement System experience study conducted by PERAC.

Changes in Plan Provisions

None.