

TOWN OF GROTON, MASSACHUSETTS

Financial Statements

June 30, 2018

and Electric Light Enterprise Fund as of December 31, 2017

(With Accountants' Report Thereon)

Giusti, Hingston and Company
Certified Public Accountants

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Town of Groton, Massachusetts
FINANCIAL STATEMENTS
For the Year Ended June 30, 2018
and Electric Light Enterprise Fund as of December 31, 2017
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INDEPENDENT AUDITORS' REPORT

Board of Selectmen
Town of Groton
173 Main Street
Groton, MA 01450

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 Groton, Massachusetts as of and for the year ended June 30, 2018 (December 31, 2017 for the Groton Electric Light Enterprise Fund), which collectively comprise the Town's basic financial statements as listed in the table of contents. These financial statements are the responsibility of the Town of Groton, Massachusetts' management. Our responsibility is to express an opinion on these financial statements based on our audit. We did not audit the financial statements of the Groton Electric Light Enterprise Fund which financial statements reflect total assets and revenues constituting 48 percent and 81 percent, respectively, of the business type activities. Those financial statements were audited by other auditors whose report has been furnished to us, and our opinion, in so far as it relates to the amounts included for the Groton Electric Light Enterprise Fund, is based solely on the report of the other auditors.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with 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. The financial statements of the Electric Light Department was not audited in accordance with Government Auditing Standards. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence, about the amounts and disclosures in the financial statements. The procedures selected depend on the 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 opinion.

Opinions

In our opinion, based on our audit and the report of other auditors, 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 Groton, Massachusetts as of June 30, 2018 (and the Groton Electric Light Enterprise Fund as of December 31, 2017) and the respective changes in financial position and cash flows, where applicable, thereof for the year then ended in conformity 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, the budgetary statement, the retirement system schedules and the other post employment benefit schedules listed in the table of contents be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Information

Our audit was conducted for the purpose of forming an opinion on the financial statements that collectively comprise the Town's basic financial statements.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our reported dated November 9, 2018, on our consideration of the Town of Groton's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering Town of Groton's internal control over financial reporting and compliance.

Giusti, Hingston and Company

Giusti, Hingston and Company
Certified Public Accountants
Georgetown, Massachusetts
November 9, 2018

Town of Groton, Massachusetts
Management's Discussion and Analysis
Required Supplementary Information
June 30, 2018

As management of the Town of Groton, Massachusetts, we offer readers of the Town of Groton, Massachusetts' financial statements this narrative overview and analysis of the financial activities of the Town of Groton, Massachusetts for the fiscal year ended June 30, 2018.

Financial Statements Reporting Model

The Town of Groton, Massachusetts has implemented GASB 34 (Governmental Accounting Standards Board Statement number 34). This statement requires all governments to account for and report capital assets in its Financial Statements. In addition, GASB 34 establishes new criteria on the form and content of governmental financial statements and makes changes to the audited financial statements and the accounting methods used to generate the amounts. These changes are explained below and are also further explained in the "Notes to the Financial Statements". Please refer to the Table of Contents at the very beginning of these Financial Statements for a summary of where the information explained here is presented in these Financial Statements.

One of the changes created by the GASB 34 Reporting Model relates to the addition of two new financial statements. These financial statements are called Government-wide Financial Statements. The first statement is called the Statement of Net Position and the second one is called the Statement of Activities. A description of these Government-wide Financial Statements is provided below and additional information about them can be found in the "Notes to the Financial Statements".

This "Management's Discussion and Analysis" is intended to serve as an introduction to the Town of Groton, Massachusetts's June 30, 2018 basic financial statements. The Town of Groton, Massachusetts's basic financial statements comprise three components: 1) government-wide financial statements, 2) fund financial statements, and 3) notes to the financial statements. This report also contains other supplementary information in addition to the basic financial statements themselves.

Financial Highlights

- The assets of the Town of Groton, Massachusetts exceeded its liabilities at the close of the most recent fiscal year by \$52,991,221 (*net position*).
- At the end of the current fiscal year, unassigned fund balance for the general fund was \$4,525,790, or 13% of total general fund expenditures.
- The Town of Groton, Massachusetts' total debt decreased by (\$1,808,162) during the current year. The decrease was the result of the principal payments.
- In fiscal year 2018, the Town implemented Governmental Accounting Standards Board Statement # 75 - *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*. The new standard requires reporting the entire Net OPEB Liability. Previous standards required reporting the liability over a thirty year "phase in" period.

The resulting calculation was reported as the Net OPEB **Obligation**. Implementing the new standard required a prior period adjustment that reduced the Town's net position by \$1,853,867.

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

The *Statement of Net Position* presents information on all of the Town of Groton, Massachusetts' assets and liabilities, with the differences 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 of the Town of Groton, Massachusetts is improving or deteriorating.

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

The government-wide financial statements have separate columns for governmental activities and business-type activities. The Town's activities are classified as follows:

- **Governmental Activities** – Activities reported here include education, public safety, public works, library and general administration. Property taxes, motor vehicle excise taxes, federal, state and other local revenues finance these activities.
- **Business-type Activities** - Activities reported here are for Water, Sewer, Electric Light and Cable Access. User fees charged to the customers receiving services finance these activities.

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. The Town of Groton, Massachusetts, like other state and local governments, uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements. All of the funds of the Town of Groton, Massachusetts can be divided into three categories: governmental funds, fiduciary funds and proprietary funds.

Governmental funds. *Governmental funds* are used to account for essentially the same functions reported as *governmental activities* in the government-wide financial statements. However, unlike the government-wide financial statements, governmental fund financial statements focus on *near-term inflows and outflows of spendable resources*, as well as on *balances of spendable resources* at the end of the fiscal year. Such information may be useful in evaluating a government's near-term financing requirements.

Because the focus of governmental funds is narrower than that of the government-wide financial statements, it is useful to compare the information presented for *governmental funds* with similar information presented for *governmental activities* in the government-wide financial statements. By doing so, readers may better understand the long-term impact of the government's near-term financing decisions. Both the governmental fund balance sheet and the governmental fund

statement of revenues, expenditures, and changes in fund balances provide a reconciliation to facilitate this comparison between *governmental funds* and *governmental activities*.

Proprietary funds. The Town of Groton, Massachusetts maintains four proprietary fund types. *Enterprise funds* are used to report the same functions presented as *business-type activities* in the government-wide financial statements. The Town of Groton, Massachusetts uses enterprise funds to account for its Water, Sewer, Electric Light and Cable Access operations.

Proprietary funds provide the same type of information as the government-wide financial statements, only in more detail. The proprietary fund financial statements provide separate information for the Water, Sewer, Electric Light and Cable Access 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 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 Town maintains fiduciary funds to account for activities related to charitable trust funds and for its Other Post Employment Benefits (OPEB) trust fund. The OPEB Trust Fund is used to accumulate resources to provide funding for future OPEB liabilities.

Notes to the Financial Statements

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

Other Information

In addition to the basic financial statements and accompanying notes, this report also presents *required supplementary information* concerning the Town of Groton, Massachusetts' progress in funding its obligation to provide pension and OPEB benefits to its employees. The *required supplementary information* also includes budget versus actual information.

Reconciliation of Government-wide Financial Statements to Fund Financial Statements

The governmental activities of the government-wide financial statements and the governmental funds of the fund financial statements do not use the same accounting basis and measurement focus. Capital assets and long-term liabilities are not included on the balance sheet of the governmental funds, but are included on the Statement of Net Position. Capital assets are recorded as expenditures when they are purchased in the governmental funds and depreciated over the useful life in the government-wide financial statements. We have included schedules that provide a crosswalk from the government-wide financial statements to the governmental funds of the fund financial statements:

- Reconciliation of the Governmental funds balance sheet – total fund balances to the Statement of Net Position.
- Reconciliation of the statement of revenues and expenditures and changes in fund balance of governmental funds to the statement of activities.

The reconciliation of government-wide financial statements to enterprise funds of the fund financial statements is not necessary. The business-type activities of the government-wide financial statements and the enterprise funds use the same accounting basis and measurement focus.

Financial Analysis of the Government-wide Financial Statements

Net Position

Net position may serve over time as a useful indicator of a government’s financial position. However, the net position of governmental activities should be viewed independently from business-type activities. Resources of the governmental activities are not used to finance costs related to business-type activities. The following table reflects the condensed net position.

	Net Position					
	June 30					
	Governmental Activities		Business-type Activities		Totals	
	2018	2017	2018	2017	2018	2017
Current and Other Assets	\$ 20,996,744	\$ 17,193,098	\$ 7,335,999	\$ 7,618,963	\$ 28,332,743	\$ 24,812,061
Capital Assets	49,242,442	49,658,639	31,374,995	30,420,947	80,617,437	80,079,586
Total Assets	<u>70,239,186</u>	<u>66,851,737</u>	<u>38,710,994</u>	<u>38,039,910</u>	<u>108,950,180</u>	<u>104,891,647</u>
Deferred Outflows of Resources	4,139,086	1,990,937	839,749	469,809	4,978,835	2,460,746
Other Liabilities	8,412,537	6,000,660	2,557,446	2,284,301	10,969,983	8,284,961
Long Term Liabilities	35,652,863	34,883,495	10,169,420	10,447,784	45,822,283	45,331,279
Total Liabilities	<u>44,065,400</u>	<u>40,884,155</u>	<u>12,726,866</u>	<u>12,732,085</u>	<u>56,792,266</u>	<u>53,616,240</u>
Deferred Inflows of Resources	1,356,572	298,163	2,788,956	2,744,779	4,145,528	3,042,942
Net Position:						
Net Investment in Capital Assets	39,836,973	38,894,271	26,764,309	25,362,864	66,601,282	64,257,135
Restricted	6,173,250	5,647,186	499,813	549,510	6,673,063	6,196,696
Unrestricted	(17,053,923)	(16,881,101)	(3,229,201)	(2,879,519)	(20,283,124)	(19,760,620)
Total Net Position	<u>\$ 28,956,300</u>	<u>\$ 27,660,356</u>	<u>\$ 24,034,921</u>	<u>\$ 23,032,855</u>	<u>\$ 52,991,221</u>	<u>\$ 50,693,211</u>

The net position of the Town (including prior period adjustments) increased by \$2,298,010 . The net position of the governmental activities increased by \$1,295,944 or 5%, and the net position of the business-type activities increased by \$1,002,066 or 4%.

Changes in Net Position

The following condensed financial information was derived from the government-wide Statement of Activities. It reflects how the Town's net position have changed during the fiscal year.

	Governmental Activities		Business-Type Activities		Totals	
	2018	2017	2018	2017	2018	2017
Revenues						
Program Revenues:						
Charges for Services	\$ 2,219,300	\$ 1,876,468	\$ 11,812,468	\$ 11,856,243	\$ 14,031,768	\$ 13,732,711
Operating Grants and Contributions	1,675,088	1,560,434	144,598	172,836	1,819,686	1,733,270
Capital Grants and Contributions	1,674,147	-	-	-	1,674,147	-

	<u>Governmental Activities</u>		<u>Business-Type Activities</u>		<u>Totals</u>	
	<u>2018</u>	<u>2017</u>	<u>2018</u>	<u>2017</u>	<u>2018</u>	<u>2017</u>
General Revenues:						
Property Taxes	31,743,903	30,747,783	-	-	31,743,903	30,747,783
Motor Vehicle and Other Excises	1,947,411	1,845,989	-	-	1,947,411	1,845,989
Intergovernmental Not Restricted to a Specific Program	838,747	809,482	-	-	838,747	809,482
Other	563,034	362,817	-	-	563,034	362,817
Total Revenues	40,661,630	37,202,973	11,957,066	12,029,079	52,618,696	49,232,052
Expenses						
General Government	2,478,366	2,965,090	-	-	2,478,366	2,965,090
Public Safety	4,942,407	4,779,346	-	-	4,942,407	4,779,346
Education	20,822,955	20,115,303	-	-	20,822,955	20,115,303
Highways and Public Works	4,439,948	2,604,491	-	-	4,439,948	2,604,491
Human Services	745,907	443,827	-	-	745,907	443,827
Culture and Recreation	1,713,103	1,658,239	-	-	1,713,103	1,658,239
Fringe Benefits	3,762,998	3,993,708	-	-	3,762,998	3,993,708
Interest on Debt Service	276,440	353,100	-	-	276,440	353,100
Electric	-	-	9,553,544	9,404,275	9,553,544	9,404,275
Sewer	-	-	924,262	854,085	924,262	854,085
Water	-	-	1,329,873	1,237,450	1,329,873	1,237,450
Other	-	-	179,776	226,064	179,776	226,064
Total Expenses	39,182,124	36,913,104	11,987,455	11,721,874	51,169,579	48,634,978
Increase (Decrease) in Net Position Before Special Items	1,479,506	289,869	(30,389)	307,205	1,449,117	597,074
Special Items	(183,562)	86,500	-	-	(183,562)	86,500
Increase (Decrease) in Net Position	<u>\$ 1,295,944</u>	<u>\$ 376,369</u>	<u>\$ (30,389)</u>	<u>\$ 307,205</u>	<u>\$ 1,265,555</u>	<u>\$ 683,574</u>

Governmental Activities

In fiscal year 2018, property taxes accounted for approximately 78% of the revenues.

Business-type Activities

Water, Sewer, Electric Light and Cable Access rates are structured to cover all costs related to each activity.

Financial Analysis of the Town's Funds

Governmental Funds

The focus of the Town of Groton, Massachusetts' governmental funds is to provide information on near-term inflows, outflows, and balances of spendable resources. Such information is useful in assessing the Town of Groton, Massachusetts's financing requirements. In particular, unassigned fund balance may service as a useful measure of a government's net resources available for discretionary use as they represent the portion of fund balance which has not yet been limited to use for a particular purpose by either an external party, the Town of Groton, Massachusetts itself, or a group or individual that has been delegated authority to assign resources for use for particular purposes by the Town of Groton, Massachusetts' Selectmen.

General Fund – The year-end fund balances of the general fund was \$889,427 more than the prior year's fund balance.

Based upon the balance sheet as of the close of each fiscal year, the Commonwealth of Massachusetts' Department of Revenue (DOR) determines the amount of general fund balance available for appropriation. In general, this amount (commonly known as "free cash") is generated when actual revenues on a cash basis exceed budgeted amounts and expenditures and encumbrances (unpaid commitments) are less than appropriations, or both.

The following table reflects the trend in all the components of fund balance and details the certified free cash. Beginning with fiscal year 2011 fund balances are reported in accordance with Governmental Accounting Standards Board Statement #54.

**Changes in Fund Balance and Free Cash
General Fund**

Fiscal Year	Reserved for Encumbrances	Reserved for Petty Cash	Reserved for Subsequent Year's Expenditure	Unreserved	Total Fund Balance	Free Cash
2009	\$ 170,655	\$ 200	\$ -	\$ 722,222	\$ 893,077	\$ 637,627
2010	333,672	200	-	1,457,383	1,791,255	818,654

	Restricted	Committed	Assigned	Unassigned	Total Fund Balance	Free Cash
2011	\$ 15,830	\$ 307,510	\$ 71,289	\$ 3,237,271	\$ 3,631,900	\$ 1,145,957
2012	-	654,523	80,937	3,210,243	3,945,703	1,136,576
2013	-	308,269	77,309	3,711,113	4,096,691	1,316,409
2014	-	510,881	106,327	3,279,021	3,896,229	1,181,587
2015	13,271	778,161	118,625	3,551,544	4,461,601	1,009,092
2016	8,751	902,159	97,505	4,555,717	5,564,132	1,219,850
2017	6,499	833,903	180,203	4,775,252	5,795,857	2,369,261
2018	4,516	2,078,643	76,335	4,525,790	6,685,284	2,212,873

The fiscal year 2018 and 2017 fund balances include \$2,870,685 and \$2,326,444 respectively, which represents the Town's stabilization fund balance that is required to be included with the general fund for financial statements purposes, in accordance with the new GASB 54 requirements.

Proprietary Funds. The Town of Groton, Massachusetts' proprietary funds provide the same type of information found in the government-wide financial statements, but in more detail.

General Fund Budgetary Highlights

The differences between the original budget and the final amended budget is made up of transfers between functions. The majority of the transfers were from the general government reserve fund.

Capital Asset and Debt Administration

Capital assets. The Town of Groton, Massachusetts’ investments in capital assets for its governmental and business type activities as of June 30, 2018, amounts to \$80,617,437 (net of accumulated depreciation). This investment in capital assets includes land, buildings, improvements, infrastructure, equipment and vehicles.

**Capital Assets at June 30
(Net of Depreciation)**

	<u>Governmental Activities</u>		<u>Business-type Activities</u>		<u>Total</u>	
	<u>2018</u>	<u>2017</u>	<u>2018</u>	<u>2017</u>	<u>2018</u>	<u>2017</u>
Land and Construction in Progress	\$ 29,559,935	\$ 28,994,084	\$ 2,070,989	\$ 2,167,315	\$ 31,630,924	\$ 31,161,399
Distribution Plant	-	-	5,946,091	5,606,070	5,946,091	5,606,070
General Plant	-	-	6,192,565	6,337,963	6,192,565	6,337,963
Buildings	6,263,830	6,639,669	1,853,261	1,918,451	8,117,091	8,558,120
Improvements Other Than Buildings	502,464	573,796	81,274	89,014	583,738	662,810
Infrastructure	10,126,923	10,403,755	15,093,996	14,122,343	25,220,919	24,526,098
Equipment	1,101,896	1,220,388	114,428	146,186	1,216,324	1,366,574
Vehicles	1,687,394	1,826,947	22,391	33,605	1,709,785	1,860,552
Total	<u>\$ 49,242,442</u>	<u>\$ 49,658,639</u>	<u>\$ 31,374,995</u>	<u>\$ 30,420,947</u>	<u>\$ 80,617,437</u>	<u>\$ 80,079,586</u>

Debt

The Town had \$14,077,395 in general obligation bonds, outstanding on June 30, 2018. This represents a (\$1,808,162) decrease or 11% from the previous year.

General Obligation Bonds Payable at June 30

	<u>2018</u>	<u>2017</u>
Governmental Activities	<u>\$ 9,434,310</u>	<u>\$ 10,791,024</u>
Business-type Activities		
Electric	1,872,826	1,998,189
Sewer	232,400	261,450
Water	2,537,859	2,834,894
Total Business Type Activities	<u>4,643,085</u>	<u>5,094,533</u>
Total Debt	<u>\$ 14,077,395</u>	<u>\$ 15,885,557</u>

Standard and Poor’s rating services has given the Town a general obligation debt rating of AAA. This rating is the result of a review of the Town’s financial policies and practices, which have been determined to be strong, well embedded, and likely sustainable.

Fiscal Year 2019 Budget

An initiative state statute, commonly known as “Proposition 2 ½”, limits the amount of property taxes that Towns can assess in any one year. In general, the Town’s property tax levy may increase by 2 ½ percent over the prior year’s tax levy, plus any additional amount derived by new developments or other changes made to existing property. If a community wishes to levy taxes above the limitations imposed by “Proposition 2 ½”, it is necessary to obtain the approval of a majority of the voters at an election.

Request for Information

This financial report is designated to provide a general overview of the Town of Groton, Massachusetts' 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:

Town of Groton
173 Main Street
Groton, MA 01450

Town of Groton, Massachusetts
Statement of Net Position
June 30, 2018
(Except for the Electric Enterprise Activity, Which is as of December 31, 2017)
(Continued on Page 12)

	<u>Governmental</u> <u>Activities</u>	<u>Business - Type</u> <u>Activities</u>	<u>Government-</u> <u>Wide</u> <u>Total</u>
Assets			
Current:			
Cash/Investments	\$ 19,013,596	\$ 1,950,241	\$ 20,963,837
Receivables:			
Property Taxes	191,771	-	191,771
Tax Liens	334,685	-	334,685
Excises	161,825	-	161,825
Interest	-	1,378	1,378
User Charges	-	1,546,198	1,546,198
Departmental	258,204	125,664	383,868
Intergovernmental	835,437	-	835,437
Special Assessment Liens	6,176	732	6,908
Materials and Supplies	-	510,709	510,709
Prepaid Expenses	-	1,003,957	1,003,957
Noncurrent:			
Investments	-	1,740,455	1,740,455
Deferred Property Taxes	195,050	-	195,050
Deferred Special Assessments	-	176,495	176,495
Other Receivable	-	8,256	8,256
Select Energy Fund	-	271,914	271,914
Capital Assets:			
Assets Not Being Depreciated	29,559,935	2,070,989	31,630,924
Assets Being Depreciated, Net	<u>19,682,507</u>	<u>29,304,006</u>	<u>48,986,513</u>
Total Assets	<u>70,239,186</u>	<u>38,710,994</u>	<u>108,950,180</u>
Deferred Outflows of Resources			
Deferral on Refunding Issue	43,189	-	43,189
Other Post Employment Benefit Obligations	2,152,425	117,872	2,270,297
Pension	<u>1,943,472</u>	<u>721,877</u>	<u>2,665,349</u>
Total Deferred Outflows of Resources	<u>4,139,086</u>	<u>839,749</u>	<u>4,978,835</u>
Liabilities			
Current:			
Warrants Payable	281,952	1,459,892	1,741,844
Accrued Salaries Payable	107,856	-	107,856
Lease Payable	4,634	-	4,634
Due to Individuals	66,248	-	66,248
Landfill Liability	10,000	-	10,000
Accrued Interest	89,483	20,856	110,339
Bonds Payable	1,170,364	464,051	1,634,415
Other Accrued Liabilities	-	248,472	248,472
Bond Anticipation Notes Payable	6,682,000	364,175	7,046,175

Town of Groton, Massachusetts
Statement of Net Position
June 30, 2018
(Except for the Electric Enterprise Activity, Which is as of December 31, 2017)
(Continued from Page 11)

	<u>Governmental Activities</u>	<u>Business - Type Activities</u>	<u>Government- Wide Total</u>
Noncurrent:			
Bonds Payable	8,263,946	4,179,034	12,442,980
Deferred Gain on Refinance of Bond	-	122,250	122,250
Customer Deposit	-	239,569	239,569
Lease Payable	9,714	-	9,714
Other Accrued Liabilities	-	130,064	130,064
Compensated Absences	412,935	37,764	450,699
Landfill Liability	609,321	-	609,321
Net Pension Liability	16,960,039	4,651,826	21,611,865
Net Other Post Employment Benefit Obligations		279,708	279,708
Net Other Post Employment Benefit Liability	9,396,908	529,205	9,926,113
Total Liabilities	<u>44,065,400</u>	<u>12,726,866</u>	<u>56,792,266</u>
Deferred Inflows of Resources:			
Deferred Gain on Refinance of Bond	28,101	956	29,057
Contribution in Aid of Construction	-	805,854	805,854
Reserve for Rate Stabilization	-	1,421,143	1,421,143
Pension	1,328,471	289,089	1,617,560
Reserve for Select Energy	-	271,914	271,914
Total Deferred Inflows of Resources	<u>1,356,572</u>	<u>2,788,956</u>	<u>4,145,528</u>
Net Position:			
Net Investment in Capital Assets	39,836,973	26,764,309	66,601,282
Restricted for:			
Capital Projects	(2,225,082)	189,248	(2,035,834)
Debt Service	-	310,565	310,565
Gifts, Grants and Other Statutory Restrictions	4,205,483	-	4,205,483
Permanent Funds:			
Expendable	841,443	-	841,443
Nonexpendable	3,351,406	-	3,351,406
Unrestricted (Deficit)	<u>(17,053,923)</u>	<u>(3,229,201)</u>	<u>(20,283,124)</u>
Total Net Position	<u>28,956,300</u>	<u>24,034,921</u>	<u>52,991,221</u>

Town of Groton, Massachusetts
Statement of Activities
Fiscal Year Ended June 30, 2018
(Except for the Electric Activity, Which is for Year Ended December 31, 2017)

Functions/Programs	Program Revenues				Net (Expenses) Revenues and Changes in Net Position		
	Expenses	Charges for Services	Operating Grants and Contributions	Capital Grants and Contributions	Governmental Activities	Business-Type Activities	Total
<i>Governmental Activities:</i>							
General Government	\$ 2,478,366	\$ 185,081	\$ 217,307	\$ 20,800	\$ (2,055,178)	\$ -	\$ (2,055,178)
Public Safety	4,942,407	1,200,702	211,181	-	(3,530,524)	-	(3,530,524)
Education	20,822,955	-	14,960	-	(20,807,995)	-	(20,807,995)
Highways and Public Works	4,439,948	330,958	934,384	1,653,347	(1,521,259)	-	(1,521,259)
Human Services	745,907	25,901	129,806	-	(590,200)	-	(590,200)
Culture and Recreation	1,713,103	476,658	167,450	-	(1,068,995)	-	(1,068,995)
Interest on Debt Service	276,440	-	-	-	(276,440)	-	(276,440)
Fringe Benefits	3,762,998	-	-	-	(3,762,998)	-	(3,762,998)
Total Governmental Activities	<u>39,182,124</u>	<u>2,219,300</u>	<u>1,675,088</u>	<u>1,674,147</u>	<u>(33,613,589)</u>	<u>-</u>	<u>(33,613,589)</u>
<i>Business-Type Activities:</i>							
Electric	9,553,544	9,577,358	29,439	-	-	53,253	53,253
Sewer	924,262	780,257	8,767	-	-	(135,238)	(135,238)
Water	1,329,873	1,251,456	103,868	-	-	25,451	25,451
Other	179,776	203,397	2,524	-	-	26,145	26,145
Total Business-Type Activities	<u>11,987,455</u>	<u>11,812,468</u>	<u>144,598</u>	<u>-</u>	<u>-</u>	<u>(30,389)</u>	<u>(30,389)</u>
Total	<u>\$ 51,169,579</u>	<u>\$ 14,031,768</u>	<u>\$ 1,819,686</u>	<u>\$ 1,674,147</u>	<u>(33,613,589)</u>	<u>(30,389)</u>	<u>(33,643,978)</u>
<i>General Revenues:</i>							
Property Taxes					31,743,903	-	31,743,903
Motor Vehicle and Other Excise Taxes					1,947,411	-	1,947,411
Penalties and Interest on Taxes					243,944	-	243,944
Other Taxes, Assessments and in Lieu Payments					279,194	-	279,194
Intergovernmental					838,747	-	838,747
Interest and Investment Income					43,763	-	43,763
Other Revenue					(3,867)	-	(3,867)
Transfer Capital Assets					(183,562)	1,032,455	848,893
Total General Revenues and Transfers					<u>34,909,533</u>	<u>1,032,455</u>	<u>35,941,988</u>
Change in Net Position					1,295,944	1,002,066	2,298,010
Net Position:							
Beginning of the Year					29,413,367	23,133,711	52,547,078
Prior Period Adjustment					(1,753,011)	(100,856)	(1,853,867)
Beginning of the Year, as Restated					<u>27,660,356</u>	<u>23,032,855</u>	<u>50,693,211</u>
End of the Year					<u>\$ 28,956,300</u>	<u>\$ 24,034,921</u>	<u>\$ 52,991,221</u>

Town of Groton, Massachusetts

Governmental Funds

Balance Sheet

June 30, 2018

	<u>General</u>	Nonmajor Governmental <u>Funds</u>	Total Governmental <u>Funds</u>
<u>Assets</u>			
Cash/Investments	\$ 6,938,375	\$ 12,075,221	\$ 19,013,596
Receivables:			
Property Taxes	191,771	-	191,771
Tax Liens	334,685	-	334,685
Excises	161,825	-	161,825
Deferred Property Taxes	195,050	-	195,050
Departmental	258,204	-	258,204
Intergovernmental	-	835,437	835,437
Special Assessments	-	6,176	6,176
Tax Foreclosures	45,745	-	45,745
Total Assets	<u>\$ 8,125,655</u>	<u>\$ 12,916,834</u>	<u>\$ 21,042,489</u>
<u>Liabilities and Fund Balances</u>			
Liabilities:			
Warrants Payable	\$ 281,901	\$ 51	\$ 281,952
Accrued Payroll Payable	107,856	-	107,856
Other Liabilities	4,715	61,533	66,248
Bonds Anticipation Notes Payable	-	6,682,000	6,682,000
Total Liabilities	<u>394,472</u>	<u>6,743,584</u>	<u>7,138,056</u>
Deferred Inflows of Resources:			
Unearned Revenue:			
Unavailable Revenue	1,045,899	837,282	1,883,181
Total Deferred Inflows of Resources	<u>1,045,899</u>	<u>837,282</u>	<u>1,883,181</u>
Fund Equity:			
Fund Balances:			
Nonspendable	-	3,351,406	3,351,406
Restricted	4,516	3,307,029	3,311,545
Committed	2,078,643	67,234	2,145,877
Assigned	76,335	855,523	931,858
Unassigned	4,525,790	(2,245,224)	2,280,566
Total Fund Balances	<u>6,685,284</u>	<u>5,335,968</u>	<u>12,021,252</u>
Total Liabilities, Deferred Inflows of Resources and Fund Balances	<u>\$ 8,125,655</u>	<u>\$ 12,916,834</u>	<u>\$ 21,042,489</u>

Town of Groton, Massachusetts
Governmental Funds
Statement of Revenues, Expenditures and Changes in Fund Balances
Fiscal Year Ended June 30, 2018

	<u>General</u>	Nonmajor Governmental <u>Funds</u>	Total Governmental <u>Funds</u>
<u>Revenues:</u>			
Property Taxes	\$ 31,339,638	\$ 704,361	\$ 32,043,999
Excises	1,935,433	-	1,935,433
Penalties and Interest	243,944	-	243,944
In Lieu of Taxes	279,194	-	279,194
Charges for Services	588,722	394,644	983,366
Fees and Other Departmental	420,722	7,596	428,318
Licenses and Permits	719,667	-	719,667
Fines and Forfeits	32,025	-	32,025
Earnings on Investments	43,763	140,688	184,451
Intergovernmental	927,654	2,588,722	3,516,376
Contributions	-	84,267	84,267
Miscellaneous	602	103,443	104,045
Total Revenues	<u>36,531,364</u>	<u>4,023,721</u>	<u>40,555,085</u>
<u>Expenditures:</u>			
General Government	2,433,095	468,015	2,901,110
Public Safety	4,217,806	226,554	4,444,360
Education	20,783,384	2,712	20,786,096
Highways and Public Works	2,006,918	2,299,445	4,306,363
Human Services	289,646	463,904	753,550
Culture and Recreation	1,388,965	191,535	1,580,500
Debt Service	1,177,035	487,122	1,664,157
Intergovernmental	89,523	-	89,523
Employee Benefits	2,909,898	-	2,909,898
Total Expenditures	<u>35,296,270</u>	<u>4,139,287</u>	<u>39,435,557</u>
Excess of Revenues Over (Under) Expenditures	<u>1,235,094</u>	<u>(115,566)</u>	<u>1,119,528</u>
<u>Other Financing Sources (Uses):</u>			
Transfers In	266,000	786,667	1,052,667
Transfers (Out)	<u>(611,667)</u>	<u>(441,000)</u>	<u>(1,052,667)</u>
Total Other Financing Sources (Uses)	<u>(345,667)</u>	<u>345,667</u>	<u>-</u>
Excess of Revenues and Other Sources Over (Under) Expenditures and Other Uses	<u>889,427</u>	<u>230,101</u>	<u>1,119,528</u>
Fund Balance, Beginning	5,795,857	5,105,867	10,901,724
Fund Balance, Ending	<u>\$ 6,685,284</u>	<u>\$ 5,335,968</u>	<u>\$ 12,021,252</u>

Town of Groton, Massachusetts
 Reconciliation of the Governmental Funds Balance Sheet
 Total Fund Balances to the Statement of Net Position
 Fiscal Year Ended June 30, 2018

Total Governmental Fund Balances	\$ 12,021,252
Capital assets used in governmental activities are not financial resources and, therefore, are not reported in the funds.	49,242,442
Other long-term assets are not available to pay for current-period expenditures and, therefore, are deferred in the funds.	1,837,436
Net deferred outflows of Resources of Pension are not financial resources and, therefore, are not reported in the funds.	1,943,472
Net deferred outflows of Resources of OPEB are not financial resources and, therefore, are not reported in the funds.	2,152,425
Net deferred inflows of Resources of Pension are not financial resources and, therefore, are not reported in the funds.	(1,328,471)
Refunding issues used in governmental fund, but deferred in governmental activities per GASB 65.	43,189
Certain liabilities are not due and payable in the current period and, therefore, are not reported in the governmental funds	
Bonds Payable	(9,434,310)
Deferred Gain on Refinance of Bond	(28,101)
Accrued Interest on Bonds	(89,483)
Landfill Accrued Liability	(619,321)
Leasing Payable	(14,348)
Other Post Employment Benefit Obligations	(9,396,908)
Net Pension Liability	(16,960,039)
Compensated Absences	(412,935)
	(28,956,300)
Net Position of Governmental Activities	\$ 28,956,300

Town of Groton, Massachusetts
 Reconciliation of the Statement of Revenues, Expenditures,
 and Changes in Fund Balances of Governmental Funds
 to the Statement of Activities
 Fiscal Year Ended June 30, 2018

Net Change in Fund Balances - Total Governmental Funds	\$ 1,119,528
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. This is the amount by which depreciation exceeded capital outlays in the current period.	(412,330)
In the governmental funds, the disposal of capital assets is reported, whereas in the statement of activities, the sale is not reported.	(3,867)
Revenues in the Statement of Activities that do not provide current financial resources are fully deferred in the Statement of Revenues, Expenditures and Changes in Fund Balances. Therefore, the recognition of revenue for various types of accounts receivable (i.e., real estate and personal property, motor vehicle excise, etc.) differ between the two statements. This amount represents the net change in deferred revenue.	54,113
The issuance of long-term debt (e.g., bonds, landfill, and leases) provides current financial resources to governmental funds, while the repayment of the principal of long-term debt consumes the financial resources of governmental funds. Neither transaction, however, has any effect on net position. Also, governmental funds report the effect of premiums, discounts, and similar items when debt is first issued, whereas these amounts are deferred and amortized in the Statement of Activities. This amount is the net effect of these differences in the treatment of long-term debt and related items.	1,404,468
In the statement of activities, the net payment to the escrow agent in excess of the debt refunded is not reported, whereas in the governmental funds, the proceeds and payments are reported as other financing sources/uses.	4,077
Some expenses reported in the Statement of Activities, such as compensated absences and other postemployment benefits, do not require the use of current financial resources and, therefore, are not reported as expenditures in the governmental funds. This amount represents the net change in the compensated absences liability and other post employment benefits.	(870,045)
Change in Net Position of Governmental Activities	<u><u>\$ 1,295,944</u></u>

Town of Groton, Massachusetts
Proprietary Funds
Statement of Net Position
June 30, 2018
(Except for the Electric Enterprise Activity, Which is as of December 31, 2017)
(Continued on Page 19)

	Business - Type Activities Enterprise Fund				
	Electric Light Department	Sewer	Water	Cable	Total
Assets					
Current:					
Cash and Cash Investments	\$ 309,096	\$ 737,452	\$ 653,380	\$ 250,313	\$ 1,950,241
Receivables, Net of Allowance for Uncollectibles:					
User Charges	1,378,930	22,745	144,523	-	1,546,198
Special Assessments	-	732	-	-	732
Interest	1,378	-	-	-	1,378
Materials and Supplies	510,709	-	-	-	510,709
Prepaid Expenses	1,003,957	-	-	-	1,003,957
Other	-	125,664	-	-	125,664
Noncurrent:					
Investments	1,740,455	-	-	-	1,740,455
Receivables:					
Deferred Special Assessments	-	176,495	-	-	176,495
Other	8,256	-	-	-	8,256
Select Energy Fund	271,914	-	-	-	271,914
Assets Not Being Depreciated	1,340,392	-	730,597	-	2,070,989
Assets Being Depreciated, Net	12,138,656	4,998,504	12,139,454	27,392	29,304,006
Total Assets	18,703,743	6,061,592	13,667,954	277,705	38,710,994
Deferred Outflows of Resources:					
Other Post Employment Benefit Obligations	-	8,656	89,896	19,320	117,872
Pension	581,617	15,267	88,037	36,956	721,877
	581,617	23,923	177,933	56,276	839,749

Town of Groton, Massachusetts
Proprietary Funds
Statement of Net Position
June 30, 2018
(Except for the Electric Enterprise Activity, Which is as of December 31, 2017)
(Continued from Page 18)

	Business - Type Activities Enterprise Fund				
	Electric Light <u>Department</u>	<u>Sewer</u>	<u>Water</u>	<u>Cable</u>	<u>Total</u>
Liabilities					
Current:					
Warrants Payable	1,366,485	61,386	27,471	4,550	1,459,892
Bond Anticipation Notes Payable	-	-	364,175	-	364,175
Interest on Bonds Payable	-	2,300	18,556	-	20,856
Bonds Payable	125,363	30,400	308,288	-	464,051
Other Accrued Liabilities	235,474	-	12,998	-	248,472
Noncurrent:					
Customer Deposits	239,569	-	-	-	239,569
Bonds Payable	1,747,463	202,000	2,229,571	-	4,179,034
Customer Advances for Construction	122,250	-	-	-	122,250
Other Accrued Liabilities	130,064	-	-	-	130,064
Compensated Absences	-	758	31,358	5,648	37,764
Net Pension Liability	3,427,821	133,231	768,272	322,502	4,651,826
Net Other Post Employment Benefit Obligations	279,708	-	-	-	279,708
Net Other Post Employment Benefit Liability	-	47,669	385,979	95,557	529,205
Total Liabilities	7,674,197	477,744	4,146,668	428,257	12,726,866
Deferred Inflows of Resources:					
Deferred Gain on Refinance of Bond	956	-	-	-	956
Contribution in Aid of Construction	805,854	-	-	-	805,854
Reserve for Rate Stabilization	1,421,143	-	-	-	1,421,143
Reserve for Select Energy Fund	271,914	-	-	-	271,914
Pension	193,214	10,436	60,178	25,261	289,089
Total Deferred Inflows of Resources	2,693,081	10,436	60,178	25,261	2,788,956
Net Position					
Net Investment in Capital Assets	11,606,222	4,798,503	10,332,192	27,392	26,764,309
Restricted for:					
Restricted for Depreciation	189,248	-	-	-	189,248
Debt Service	-	310,565	-	-	310,565
Unrestricted (Deficit)	(2,877,388)	488,267	(693,151)	(146,929)	(3,229,201)
Total Net Position	\$ 8,918,082	\$ 5,597,335	\$ 9,639,041	\$ (119,537)	\$ 24,034,921

Town of Groton, Massachusetts
Statement of Revenue, Expenses and Changes in Fund Net Position
Proprietary Funds
Fiscal Year Ended June 30, 2018
(Except for the Electric Activity, Which is for Year Ended December 31, 2017)

	Business - Type Activities				
	Enterprise Funds				
	Electric Light Department	Sewer	Water	Cable	Total
Operating Revenues:					
Charges for Services	\$ 9,018,331	\$ 772,845	\$ 1,251,456	\$ 203,397	\$ 11,246,029
Other Operating	559,027	7,412	-	-	566,439
Total Operating Revenues	<u>9,577,358</u>	<u>780,257</u>	<u>1,251,456</u>	<u>203,397</u>	<u>11,812,468</u>
Operating Expenditures:					
Personal Services	270,734	54,319	318,036	123,902	766,991
Nonpersonal Service	7,845,181	691,522	496,663	46,649	9,080,015
Maintenance	919,211	-	-	-	919,211
Depreciation	426,261	169,076	407,512	9,225	1,012,074
Total Operating Expenditures	<u>9,461,387</u>	<u>914,917</u>	<u>1,222,211</u>	<u>179,776</u>	<u>11,778,291</u>
Operating Income	<u>115,971</u>	<u>(134,660)</u>	<u>29,245</u>	<u>23,621</u>	<u>34,177</u>
Nonoperating Revenues (Expenses):					
Intergovernmental, Net	-	-	75,954	-	75,954
Earnings on Investments	29,439	8,767	27,914	2,524	68,644
Interest on Debt	<u>(60,157)</u>	<u>(9,345)</u>	<u>(107,662)</u>	<u>-</u>	<u>(177,164)</u>
Total Nonoperating Revenues (Expenses)	<u>(30,718)</u>	<u>(578)</u>	<u>(3,794)</u>	<u>2,524</u>	<u>(32,566)</u>
Income Before Contributions and Transfers	<u>85,253</u>	<u>(135,238)</u>	<u>25,451</u>	<u>26,145</u>	<u>1,611</u>
Other Financing Sources (Uses):					
Payment in Lieu of Taxes	(32,000)	-	-	-	(32,000)
Transfer Capital Assets	<u>-</u>	<u>1,032,455</u>	<u>-</u>	<u>-</u>	<u>1,032,455</u>
Total Other Financing Sources (Uses)	<u>(32,000)</u>	<u>1,032,455</u>	<u>-</u>	<u>-</u>	<u>1,000,455</u>
Net Income (Loss)	<u>53,253</u>	<u>897,217</u>	<u>25,451</u>	<u>26,145</u>	<u>1,002,066</u>
Total Net Position July 1, 2017	<u>8,889,329</u>	<u>4,678,003</u>	<u>9,662,280</u>	<u>(95,901)</u>	<u>23,133,711</u>
Prior Year Adjustment	<u>(24,500)</u>	<u>22,115</u>	<u>(48,690)</u>	<u>(49,781)</u>	<u>(100,856)</u>
Total Net Position July 1, 2017, as Restated	<u>8,864,829</u>	<u>4,700,118</u>	<u>9,613,590</u>	<u>(145,682)</u>	<u>23,032,855</u>
Total Net Position June 30, 2018	<u>\$ 8,918,082</u>	<u>\$ 5,597,335</u>	<u>\$ 9,639,041</u>	<u>\$ (119,537)</u>	<u>\$ 24,034,921</u>

Town of Groton, Massachusetts
Statement of Cash Flows
Proprietary Fund
Fiscal Year Ended June 30, 2018
(Except for the Electric Enterprise Activity, Which is as of December 31, 2017)
(Continued on Page 22)

	Business - Type Activities				Total
	Enterprise Funds				
	Electric	Sewer	Water	Cable	
Cash Flows from Operating Activities:					
Receipts from Customers	\$ 9,124,415	\$ 715,480	\$ 1,219,553	\$ 203,397	\$ 11,262,845
Payments to Employees	(1,370,655)	(54,320)	(315,835)	(120,999)	(1,861,809)
Payments to Vendors	(7,327,446)	(724,408)	(425,470)	(16,928)	(8,494,252)
Rents from Electric Property	176,254	-	-	-	176,254
Net Cash Flows Provided (Used) by Operating Activities	<u>602,568</u>	<u>(63,248)</u>	<u>478,248</u>	<u>65,470</u>	<u>1,083,038</u>
Cash Flows from Non Capital Related Financing Activities:					
Payments in Lieu of Taxes	(32,000)	-	-	-	(32,000)
Net Cash Flows Provided (Used) by Non Capital Related Financing Activities	<u>(32,000)</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>(32,000)</u>
Cash Flows from Capital and Related Financing Activities:					
Acquisition of Capital Assets	(544,385)	-	(409,108)	-	(953,493)
Customer Advances for Construction	84,276	-	-	-	84,276
Contribution in Aid of Construction	25,069	-	-	-	25,069
Grant Income	-	-	53,385	-	53,385
Proceeds from Bond Anticipation Notes	-	-	(35,825)	-	(35,825)
Principal Payments on Notes and Bonds	(122,350)	(29,050)	(297,035)	-	(448,435)
Interest Expense	(61,606)	(9,638)	(65,184)	-	(136,428)
Net Cash Flows Provided (Used) by Capital and Related Financing Activities	<u>(618,996)</u>	<u>(38,688)</u>	<u>(753,767)</u>	<u>-</u>	<u>(1,411,451)</u>
Cash Flows from Investing Activities:					
Earnings on Investments	6,290	8,767	5,327	2,524	22,908
Change in Rate Stabilization Reserve	-	-	-	-	-
Net Transfer from Operations	-	-	-	-	-
Contribution to OPEB Trust Fund	(206,000)	-	-	-	(206,000)
New England Hydro Capital Investment	(6,700)	-	-	-	(6,700)
Net Cash Flows Provided (Used) by Investing Activities	<u>(206,410)</u>	<u>8,767</u>	<u>5,327</u>	<u>2,524</u>	<u>(189,792)</u>
Net Increase (Decrease) in Cash and Cash Equivalents	(254,838)	(93,169)	(270,192)	67,994	(550,205)
Cash and Cash Equivalents, July 1, 2017	<u>563,934</u>	<u>808,506</u>	<u>972,262</u>	<u>232,099</u>	<u>2,576,801</u>
Prior Period Adjustment	-	22,115	(48,690)	(49,780)	(76,355)
Cash and Cash Equivalents, July, 2017, as Restated	<u>563,934</u>	<u>830,621</u>	<u>923,572</u>	<u>182,319</u>	<u>2,500,446</u>
Cash and Cash Equivalents, June 30, 2018	<u>\$ 309,096</u>	<u>\$ 737,452</u>	<u>\$ 653,380</u>	<u>\$ 250,313</u>	<u>\$ 1,950,241</u>

Town of Groton, Massachusetts
Statement of Cash Flows
Proprietary Fund
Fiscal Year Ended June 30, 2018
(Except for the Electric Enterprise Activity, Which is as of December 31, 2017)
(Continued from Page 21)

	Business - Type Activities				Total
	Enterprise Funds			Cable	
	<u>Electric</u>	<u>Sewer</u>	<u>Water</u>		
Reconciliation of Net Income to Net Cash Provided (Used) by Operating Activities:					
Operating Income (Loss)	115,971	(134,660)	29,245	23,621	34,177
Adjustments to Reconcile Operating Income to Net Cash Provided (Used) by Operating Activities:					
Depreciation Expense	426,261	169,076	407,512	9,225	1,012,074
Rate Stabilization	13,312	-	-	-	13,312
Select Energy Fund	2,617	-	-	-	2,617
Insurance Reserve	1,545	-	-	-	1,545
(Increase) Decrease in Assets/Deferred Outflows of Resources:					
Accounts Receivable	(291,946)	(64,777)	(31,903)	-	(388,626)
Material and Supplies	(45,430)	-	-	-	(45,430)
Prepaid Expenses	(5,028)	-	-	-	(5,028)
Purchased Power Prepayments and Working Capital	(7,676)	-	-	-	(7,676)
Deferred Outflows of Resources	(259,534)	(8,539)	(87,150)	(14,717)	(369,940)
Increase (Decrease) in Liabilities/Deferred Inflows of Resources:					
Warrants and Accounts Payable	294,106	(17,175)	13,783	6,831	297,545
Customer Deposits	(3,766)	-	-	-	(3,766)
Other Accrued Expenses	4,166	-	-	-	4,166
Net Pension Liability	280,538	(6,786)	(58,002)	(55,753)	159,997
Deferred Inflows of Resources - Pensions	115,180	8,405	48,192	19,774	191,551
Other Post Employment Benefit Obligations	(37,748)	(8,792)	156,571	76,489	186,520
Net Cash Provided by Operating Activities	<u>\$ 602,568</u>	<u>\$ (63,248)</u>	<u>\$ 478,248</u>	<u>\$ 65,470</u>	<u>\$ 1,083,038</u>

Town of Groton, Massachusetts
Fiduciary Funds
Statement of Fiduciary Net Position
June 30, 2018

	Private Purpose <u>Trust</u>	Other Postemployment Benefits <u>Trust</u>	Agency <u>Funds</u>
Assets			
Cash and Cash Investments	\$14,477,646	\$ 100,021	\$ 263,963
Other Receivables	-	-	1,695
	<hr/>	<hr/>	<hr/>
Total Assets	14,477,646	100,021	265,658
	<hr/>	<hr/>	<hr/>
Liabilities			
Current:			
Other Liabilities	-	-	265,658
	<hr/>	<hr/>	<hr/>
Total Liabilities	-	-	265,658
	<hr/>	<hr/>	<hr/>
Net Position			
Other Post Employment Benefits	-	100,021	-
Other Purposes	14,477,646	-	-
	<hr/>	<hr/>	<hr/>
Total Net Position	<u>\$ 14,477,646</u>	<u>\$ 100,021</u>	<u>\$ -</u>

Town of Groton, Massachusetts
Fiduciary Funds
Statement of Changes in Fiduciary Net Position
Fiscal Year Ended June 30, 2018

	Private Purpose <u>Trust</u>	Other Postemployment Benefits <u>Trust</u>
Additions (Reductions)		
Gifts	\$ 11,135	\$ -
Interest, Dividends, and (Losses)	381,179	21
Contribution - Employer	-	526,325
Total Additions (Reductions)	392,314	526,346
Deductions		
Education	169,767	-
Other Payments	92,795	-
Benefit Payments	-	426,325
Total Deductions	262,562	426,325
Change in Net Position	129,752	100,021
Net Position:		
Beginning of the Year	14,347,894	-
End of the Year	\$ 14,477,646	\$ 100,021

Town of Groton, Massachusetts
Notes to the Financial Statements
June 30, 2018 (December 31, 2017 Electric
Enterprise Fund)

I. Reporting Entity

The accompanying financial statements present the financial position of the Town of Groton as of June 30, 2018. The report includes all the services provided by the Town to its residents and businesses within its boundaries. Municipal services provided include education, public safety, recreation, public works, library and general administration. Criteria used in determining the scope of the reporting entity included the Town's ability to significantly influence operations, selection of governing authority, designation of management, financial interdependency and accountability for fiscal matters. All operations of the Town that meet the preceding criteria are included in the reporting entity.

II. Summary of Significant Accounting Policies

The accounting policies of the Town of Groton, Massachusetts, as reflected in the accompanying financial statements for the year ended June 30, 2018 conform to generally accepted accounting principles for local government units, except as indicated hereafter, as amended by Statement 1, Governmental Accounting and Financial Reporting Principles, issued by the National Council on Governmental Accounting. Proprietary funds apply Financial Accounting Standards Board (FASB) pronouncements and Accounting Principles Board (APB) opinions issued on or before November 30, 1989, unless those pronouncements conflict with or contradict GASB pronouncements, in which case, GASB prevails.

The more significant accounting policies of the Town are summarized below.

(A) Government-wide and fund financial statements

The **government-wide financial statements** (i.e., the **Statement of Net Position** and the **statement of activities**) report information on all of the non-fiduciary activities of the primary government and its component units. For the most part, the effect of the interfund activity has been removed from these statements. Governmental activities, which normally are supported by taxes and intergovernmental revenues, are reported separately from business-type activities, which rely to a significant extent on fees and charges for support.

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

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

Major Fund Criteria

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

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

(B) Measurement Focus, Basis of Accounting, and Financial Statement Presentation

Basis of accounting refers to when revenues and expenditures are recognized in the accounts and reported in the financial statements. Basis of accounting relates to the timing of the measurements made regardless of the measurement focus applied.

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

Governmental fund financial statements are reported using the current financial resources measurement focus and the modified accrual basis of accounting. These revenues are recognized when they become measurable and available. Available means collectible within the current period or soon enough thereafter to be used to pay liabilities of the current period. Primary sources of revenue considered susceptible to accrual consist principally of real estate and personal property taxes, motor vehicle excise tax, amounts due under grants, charges for services and investment income. Property taxes are recognized as revenue in the year for which taxes have been levied, provided they are collected within 60 days after year end. All other revenues are recognized when received.

Expenditures are generally recognized under the modified accrual basis of accounting when the related fund liability is incurred. Exceptions to this general rule include: (1) accumulated vacation, sick pay, and other employee amounts which are not to be liquidated from expendable and available resources; and (2) debt service expenditures which are recognized when due.

Agency fund assets and liabilities are accounted for on the modified accrual basis of accounting.

The Town reports the following major governmental fund:

General Fund – This is the Town’s general operating fund. It accounts for all financial resources of the general government except those required to be accounting 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 types are funds that are included in the nonmajor category:

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 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 Town reports the following proprietary funds:

Water Fund – This fund is used to account for the activities related to the water distribution system.

Sewer Fund – This fund is used to account for sewer activities.

Electric Light – This fund is used to account for the Town’s electric light operations.

Cable Access – This fund is used to account for the Town Cable Access operations.

Fiduciary fund financial statements are reported using the flow of economic resources measurement focus and use the accrual basis of accounting. Fiduciary funds are used to account for assets held in a trust capacity for others than cannot be used to support the governmental programs.

The following fiduciary fund types are reported:

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

The private-purpose trust fund is used to account for trust agreements 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 to be spent. The Town maintains a private purpose trust fund for several charitable trusts funds.

The agency fund is used to account for assets held in a purely custodial capacity.

(C) Budgetary Data

i) General Budget Policies

Budget requests are prepared by the various Town departments and submitted to the Selectmen and Finance Committee for review during January, February and March of each year. The Selectmen and Finance Committee have until April, which is when the annual Town meeting is held, to make any changes to the department requests. After approval of the budget at the annual Town meeting, the tax recapitulation (recap) sheet is prepared. During this process the property tax rate is determined and the recap sheet is sent to the Department of Revenue for approval.

ii) Budget Basis of Accounting

The budget amounts appearing in the financial statements are taken from the Town's annual recap sheet and include only those amounts which pertain to June 30, 2018. The budget amounts include special Town meeting votes applicable to June 30, 2018 and any reserve fund transfers authorized by the Finance Committee.

The expenditures on this statement are presented on a budgetary Non-GAAP basis. The difference between GAAP (Generally Accepted Accounting Principles) and Non-GAAP presentation is as follows:

	<u>Revenues</u>
As Reported Budget Basis	\$ 37,565,663
Adjustments:	
Sixty Day Accrual - Net	(82,886)
Fringe Benefits Reimbursement from Other Funds	
Reported as Other Departmental Revenue on Budget Basis	(966,347)
Earning Income of Stabilization Reported in Statement of Revenues, Expenditures, and Changes in Fund Balances	14,934
As Reported GAAP Statement	<u><u>\$ 36,531,364</u></u>
	<u>Expenditures</u>
As Reported Budget Basis	\$ 36,470,551
Adjustments:	
July 1, 2017 Encumbrances	305,914
June 30, 2018 Encumbrances	(813,848)
Fringe Benefits Reimbursement from Other Funds	
Reported as Employee Benefits on Budget Basis	(966,347)
OPEB Contribution - Transfer Out on Budgetary Basis, but Employee Benefit Expense on GAAP Basis	300,000
As Reported GAAP Statement	<u><u>\$ 35,296,270</u></u>

(D) Capital Assets

Capital assets, which include property, plant, equipment, and infrastructure assets (e.g., roads, bridges, sidewalks, and similar items), are reported in the applicable governmental or business-type activities columns in the government-wide financial statements. Capital assets are defined by the Town as assets with an initial, individual cost of more than \$10,000 and an estimated useful life in excess of two years. Such assets are recorded at historical cost or estimated historical cost if purchased or constructed. Donated capital assets are recorded at acquisition value at the date of donation.

The cost of normal maintenance and repairs (which do not add to the value of the asset or materially extend assets lives) is not capitalized.

Major outlays for capital assets and improvements are capitalized as projects are constructed. Interest incurred during the construction phase of capital assets of business-type activities is included as part of the capitalized value of the assets constructed.

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

<u>Assets</u>	<u>Years</u>
Buildings	40-50
Equipment	5-15
Improvements	20-40
Infrastructure	40-50
Vehicles	5-15

(E) Deferred Outflows/Inflows of Resources

In addition to assets, the statement of net position and the balance sheet 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.

In addition to liabilities, the statement of net position and the balance sheet 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's governmental fund financial statements (balance sheet) reflect deferred inflows of resources for revenues that are not considered "available" criteria. The government wide financial statements (statement of net position) reflect deferred outflows and deferred inflows of resources related to pension and deferred inflows of resources related to debt exclusions.

(F) 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 Middlesex County Retirement System and additions to/deductions from the System's fiduciary net position have been determined on the same basis as they are reported by the System. 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.

(G) Net Position and Fund Equity

Government-Wide Financial Statements (Net Position)

Net position represents the difference between assets/deferred outflows and liabilities/deferred inflows.

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 debt used to acquire capital assets.

Net position is reported as restricted when there is an externally imposed restriction on its use or it is limited by enabling legislation.

Capital asset activity for the year ended June 30, 2018 was as follows:

Governmental Activities:	Beginning <u>Balance</u>	<u>Additions</u>	<u>Reductions</u>	Ending <u>Balance</u>
Land	\$ 28,724,004	\$ 22,150	\$ -	\$ 28,746,154
Construction in Progress	270,080	727,263	(183,562)	813,781
Total Capital Assets Not Being Depreciated	<u>28,994,084</u>	<u>749,413</u>	<u>(183,562)</u>	<u>29,559,935</u>
Assets Being Depreciated:				
Buildings	13,918,948	-	-	13,918,948
Improvements Other Than Buildings	1,057,686	-	-	1,057,686
Infrastructure	21,732,323	35,500	-	21,767,823
Equipment	2,997,401	67,153	-	3,064,554
Vehicles	5,961,052	262,109	(705,893)	5,517,268
Total Capital Assets Being Depreciated	<u>45,667,410</u>	<u>364,762</u>	<u>(705,893)</u>	<u>45,326,279</u>
Less Accumulated Depreciation for:				
Buildings	(7,279,279)	(375,839)	-	(7,655,118)
Improvements Other Than Buildings	(483,890)	(71,332)	-	(555,222)
Infrastructure	(11,328,568)	(312,332)	-	(11,640,900)
Equipment	(1,777,013)	(185,645)	-	(1,962,658)
Vehicles	(4,134,105)	(397,795)	702,026	(3,829,874)
Total Accumulated Depreciation	<u>(25,002,855)</u>	<u>(1,342,943)</u>	<u>702,026</u>	<u>(25,643,772)</u>
Capital Assets Being Depreciated, Net	<u>20,664,555</u>	<u>(978,181)</u>	<u>(3,867)</u>	<u>19,682,507</u>
Governmental Activities Capital Assets, Net	<u>\$ 49,658,639</u>	<u>\$ (228,768)</u>	<u>\$ (187,429)</u>	<u>\$ 49,242,442</u>

Depreciation expense was charged to functions as follows:

Governmental Activities:	
General Government	\$ 161,437
Public Safety	718,382
Education	36,859
Highways and Public works	237,147
Human Services	57,630
Culture and Recreation	131,488
Total Governmental Activities Depreciation Expense	<u>\$ 1,342,943</u>

	<u>Beginning Balance</u>	<u>Additions</u>	<u>Reductions</u>	<u>Ending Balance</u>
Business-Type Activities:				
Land	\$ 1,949,799	\$ -	\$ -	\$ 1,949,799
Construction in Progress	217,516	75,462	(171,788)	121,190
Total Capital Assets Not Being Depreciated	<u>2,167,315</u>	<u>75,462</u>	<u>(171,788)</u>	<u>2,070,989</u>
Assets Being Depreciated:				
Distribution Plant	11,061,301	615,859	(137,483)	11,539,677
General Plant	6,810,044	24,853	-	6,834,897
Buildings	2,623,388	-	-	2,623,388
Improvements Other Than Buildings	154,805	-	-	154,805
Infrastructure	23,108,811	1,441,564	-	24,550,375
Equipment	716,522	-	-	716,522
Vehicles	106,020	-	-	106,020
Total Capital Assets Being Depreciated	<u>44,580,891</u>	<u>2,082,276</u>	<u>(137,483)</u>	<u>46,525,684</u>
Less Accumulated Depreciation for:				
Distribution Plant	(5,455,231)	(275,838)	137,483	(5,593,586)
General Plant	(472,081)	(170,251)	-	(642,332)
Buildings	(704,937)	(65,190)	-	(770,127)
Improvements Other Than Buildings	(65,791)	(7,740)	-	(73,531)
Infrastructure	(8,986,468)	(469,911)	-	(9,456,379)
Equipment	(570,336)	(31,758)	-	(602,094)
Vehicles	(72,415)	(11,214)	-	(83,629)
Total Accumulated Depreciation	<u>(16,327,259)</u>	<u>(1,031,902)</u>	<u>137,483</u>	<u>(17,221,678)</u>
Capital Assets Being Depreciated, Net	<u>28,253,632</u>	<u>1,050,374</u>	<u>-</u>	<u>29,304,006</u>
Business Type Activities Capital Assets, Net	<u>\$ 30,420,947</u>	<u>\$ 1,125,836</u>	<u>\$ (171,788)</u>	<u>\$ 31,374,995</u>

Depreciation expense was charged to functions as follows:

Business-Type Activities:	
Electric	\$ 426,261
Sewer	169,076
Water	407,512
Other	9,225
Total Business-Type Activities Depreciation Expense	<u>\$ 1,012,074</u>

(H) Fund Balance Classification Policies and Procedures

The Governmental Accounting Standards Board (GASB) issued Statement No. 54, *Fund Balance Reporting and Governmental Fund Type Definitions* (GASB 54). This Statement (effective for fiscal year 2011) establishes accounting and financial reporting standards for all governmental funds. It establishes criteria for classifying fund balances into specifically defined classifications.

Fund balance for governmental funds should be reported in classifications that comprise a hierarchy based primarily on the extent to which the government is bound to the constraints on the specific purposes for which the amounts in those funds can be spent.

GASB 54 requires the fund balance amounts to be reported within one of the fund balance categories listed below.

1.**Nonspendable**, includes amounts that cannot be spent because (a) they are not spendable form (such as fund balance associated with inventories) (b) they are legally or contractually required to stay intact (i.e. corpus of a permanent trust fund).

2.**Restricted**, constraints on the use of resources for specific purposes are imposed (a) by creditors, grantors or contributors, or (b) by law through constitutional provisions or through enabling legislation.

3.**Committed**, 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. For the Town, Town Meeting is the highest level of decision making authority that can vote, by article, to commit fund balance. Once committed, the limitation imposed by the vote remains in place until the funds are used for their intended purpose or a Town Meeting vote is taken to remove or revise the commitment.

4.**Assigned**, intentions (by the Board of Selectmen, Town Manager or Town Accountant) that resources are to be used by the government for specific purposes, but the restrictions do not meet the criteria necessary to be classified as restricted or committed.

5.**Unassigned**, the residual classification for the government's general fund. It includes all spendable amounts not contained in the nonspendable, restricted, committed or assigned categories. A "positive" unassigned may only be displayed in the general fund.

The Board of Selectmen is the highest level of decision making authority in the Town. Committed fund balance cannot be used for any other purposes without formal vote taken by the Board of Selectmen.

The Town has formally adopted a policy for its use of unrestricted fund balance. Therefore, in accordance with GASB 54, it is considered that committed amounts would be reduced first, followed by assigned amounts, and then unassigned amounts when expenditures are incurred for purposes for which any of the unrestricted fund balance classifications could be used.

Details of Fund Balance Classifications

The following schedule shows the detail of the fund balance classifications displayed in the aggregate on the Town's balance sheet.

	<u>General Fund</u>	<u>Non Major Funds</u>	<u>Total</u>
Fund Balances:			
Nonspendable:			
Culture and Recreation	\$ -	\$ 3,351,406	\$ 3,351,406
Total Nonspendable:	<u>-</u>	<u>3,351,406</u>	<u>3,351,406</u>
Restricted for:			
General Government	-	1,386,662	1,386,662
Public Safety	-	735,586	735,586
Education	-	12,248	12,248
Highways and Public Works	-	19,736	19,736
Human Services	-	117,264	117,264
Culture and Recreation	-	1,035,533	1,035,533
Debt Services	4,516	-	4,516
Total Restricted for:	<u>4,516</u>	<u>3,307,029</u>	<u>3,311,545</u>
Committed to:			
General Government	383,154	55,092	438,246
Public Safety	138,959	12,112	151,071
Education	772,285	-	772,285
Highways and Public Works	289,242	-	289,242
Human Services	200	30	230
Culture and Recreation	107,178	-	107,178
Debt Services	272,946	-	272,946
Employee Benefits	114,679	-	114,679
Total Committed to:	<u>2,078,643</u>	<u>67,234</u>	<u>2,145,877</u>
Assigned to:			
General Government	6,428	855,523	861,951
Public Safety	9,703	-	9,703
Culture and Recreation	60,204	-	60,204
Total Assigned to:	<u>76,335</u>	<u>855,523</u>	<u>931,858</u>
Unassigned	<u>4,525,790</u>	<u>(2,245,224)</u>	<u>2,280,566</u>
Total Fund Balances	<u>\$ 6,685,284</u>	<u>\$ 5,335,968</u>	<u>\$12,021,252</u>

Stabilization Fund

The Town has established a stabilization fund in accordance with Massachusetts General Laws Chapter 40 Section 5B. That section of the law stipulates that "cities, towns and districts may appropriate in any year an amount not exceeding, in the aggregate, 10 per cent of the amount raised in the preceding fiscal year by taxation of real estate and tangible personal property or such larger amount as may be approved by the director of accounts. The aggregate amount in such

funds at any time shall not exceed 10 per cent of the equalized valuation of the city or town as defined in section 1 of chapter 44. Any interest shall be added to and become part of the fund". "The treasurer shall be the custodian of all such funds and may deposit the proceeds in national banks or invest the proceeds by deposit in savings banks, co-operative banks or trust companies organized under the laws of the commonwealth, or invest the same in such securities as are legal for the investment of funds of savings banks under the laws of the commonwealth or in federal savings and loans associations situated in the commonwealth".

"At the time of creating any such fund the city, town or district shall specify, and at any later time may alter, the purpose of the fund, which may be for any lawful purpose, including without limitation an approved school project under chapter 70B or any other purpose for which the city, town or district may lawfully borrow money. Such specification and any such alteration of purpose, and any appropriation of funds into or out of any such fund, shall be approved by two-thirds vote, except as provided in paragraph (g) of section 21C of chapter 59 for a majority referendum vote. Subject to said section 21C, in a town or district any such vote shall be taken at an annual or special town meeting and in a city any such vote shall be taken by city council".

The Town's stabilization fund has a current balance of \$2,870,685. The stabilization fund is reported as a component of unassigned fund balance in the general fund on the Town's balance sheet.

(I) Assets, Liabilities and Fund Equity

i) Cash and Investments

Deposits

Custodial Credit Risk - Deposits

Custodial credit risk is the risk that in the event of a bank failure, the Town's deposits may not be returned to it. The Town does have a formal deposit policy for custodial credit risk. As of June 30, 2018, \$14,672 of the Town's bank balance of \$12,381,031 was exposed to credit risk as follows:

Uninsured and Uncollateralized \$ 14,672

Investments

According to GASB Statement No. 40 - "Deposit and Investment Risk Disclosures", disclosures must be made for certain investments that have fair values that are highly sensitive to changes in interest rates. As of June 30, 2018, the Town of Groton's investments that are required to be disclosed in accordance with GASB Statement No. 40, are noted below:

<u>Investment Type</u>	<u>Fair Value</u>	<u>Investment Maturities (in Years)</u>		
		<u>Less Than 1</u>	<u>1-5</u>	<u>5-10</u>
U. S. Government Obligations	\$ 3,025,085	\$ 390,613	\$ 1,468,796	\$ 1,165,676
Corporation Bonds	591,353	-	591,353	-
Money Markets	970,478	970,478	-	-
Certificate of Deposit	747,595	135,046	612,549	-
Equities	15,106,209	15,106,209	-	-
State Treasurer's Investment Pool	3,492,076	3,492,076	-	-
Total	<u>\$ 23,932,796</u>	<u>\$ 20,094,422</u>	<u>\$ 2,672,698</u>	<u>\$ 1,165,676</u>

Interest Rate Risk

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. The Town does have a formal policy that limits investment maturities as a means of managing its exposure to fair value losses arising from increasing interest rates.

Credit Risk

Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. The Town follows the legal listing set by the state to purchase its investments.

Concentration of Credit Risk

Concentration of credit risk is the risk of loss attributed to the magnitude of a government's investment in a single issuer. The Town has a formal policy for the trust funds that limits the amount it may invest in a single issuer (State law limits the amount that may be deposited in a financial institution without collateralization). Ten percent of the Town's investments are in U.S. Government Obligations.

Fair Value Measurement

Statement #72 of the Government Accounting Standards Board ("GASB") *Fair Value Measurements and Application*, sets forth the framework for measuring fair value. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy under GASB 72 are described as follows:

Level 1 - Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Town has the ability to access.

Level 2 -Inputs to the valuation methodology include:

- Quoted prices for similar assets or liabilities in active markets;
- Quoted prices for identical or similar assets or liabilities in inactive markets;
- Inputs other than quoted prices that are observable for the asset or liability;
- Inputs that are derived principally from or corroborated by observable market data by correlation or other means.

Level 3 - Inputs to the valuation methodology are unobservable and significant to the fair value measurement. Unobservable inputs reflect the Towns' own assumptions about the inputs market participants would use in pricing the asset or liability (including assumptions about risk). Unobservable inputs are developed based on the best information available in the circumstances and may include the Town's own data.

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 has the following recurring fair value measurements as of June 30, 2018:

	<u>Total</u>	<u>Fair Value Measurements Using</u>		
		<u>Level 1</u> Quoted Prices in Active Markets for <u>Identical Assets</u>	<u>Level 2</u> Significant Other Observable <u>Inputs</u>	<u>Level 3</u> Significant Unobservable <u>Inputs</u>
Investment by Fair Value Level:				
U. S. Treasuries	\$ 3,025,085	\$ 3,025,085	\$ -	\$ -
Corporate Bonds	591,353	-	591,353	-
Money Market Mutual Funds	970,478	970,478	-	-
Common Stock	15,106,209	15,106,209	-	-
Total Assets in the Fair Value Hierarchy	<u>19,693,125</u>	<u>\$ 19,101,772</u>	<u>\$ 591,353</u>	<u>\$ -</u>
Investment Not Subject to Fair Value Hierarchy reporting:				
Certificates of Deposit	747,595			
Mass. Municipal Depository Trust	3,492,076			
Total Investments	<u>\$ 23,932,796</u>			

The investments classified in Level 1 of the fair value hierarchy were valued using prices quoted in active markets for those securities.

ii) Property Taxes

The Town's fiscal year runs from July 1 to June 30. Taxes are levied to the owner of record on the preceding January 1. The Town bills property taxes on a quarterly basis. Quarterly payments are due on August 1, November 1, February 1 and May 1. Property taxes attach as enforceable liens on property as of July 1 of the next fiscal year.

The Town is permitted under state law to levy property taxes up to 2.5% of the full and fair cash value of the property. In addition, the law limits the amount by which property tax assessments can be increased to 2.5% of the preceding year's assessment plus any new growth.

iii) Warrants Payable

This account consists of those warrants approved by the Town Accountant for payment between July 1 and July 15. These warrants have been recorded as expenditures during the current fiscal year and the corresponding credit is to the account entitled warrants payable.

(J) Interfund Transfers, Compensated Absences, Long Term Obligations, Estimates and Total Columns

i) Interfund Transfers

The accompanying financial statements reflect transactions between the various funds. These transactions represent operating transfers and do not constitute revenues nor expenditures of the funds.

Operating transfers - by fund - are detailed below:

	Transfers <u>In</u>	Transfers <u>(Out)</u>	<u>Total</u>
General	\$ 266,000	\$ (611,667)	\$ (345,667)
Non-Major Governmental	786,667	(441,000)	345,667
Total	<u>\$ 1,052,667</u>	<u>\$ (1,052,667)</u>	<u>\$ -</u>

ii) Compensated Absences

The liabilities for compensated absences reported in the government-wide and proprietary fund statements consists of unpaid, accumulated annual vacation and sick leave benefits. The liabilities have been calculated using the vesting method, in which leave amounts for both employees who currently are eligible to receive termination payments and other employees who are expected to become eligible in the future to receive such payments upon termination.

iii) Long-term Obligations

Long-term debt and other long-term obligations are reported as liabilities in the government-wide financial statements and in the fund financial statements for proprietary fund types.

In the fund financial statements, governmental fund types recognize bond premiums and discounts, as well as bond issuance costs, during the current period. The face amount of debt issued is reported as other financial sources. Issuance costs are reported as debt service expenditures.

iv) Use of Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements. Estimates also affect the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Total Column

Government-Wide Financial Statements

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

(K) Pension Plans

a. General Information about the Pension Plan

Plan Description

The Town provides pension benefits to eligible employees by contributing to the Middlesex County Retirement System, a cost sharing multiple-employer defined benefit pension plan administered by the Middlesex County Retirement System. The System is administered by a five member board on behalf of all eligible current employees and retirees. The system provides retirement benefits, cost of living adjustments, disability benefits and death benefits.

The system is a member of the Massachusetts Contributory Retirement System and is governed by Chapter 32 of the Massachusetts General Laws (M.G.L.). The authority to establish and amend benefit provisions requires a statutory change to Chapter 32. The Middlesex County Retirement System issues a stand-alone financial report that is available to the public at <https://middlesexretirement.org/wp-content/uploads/2018/08/FINAL-MCRS-Audit-Report-of-Financial-Statements-12-31-2017.pdf> or by writing to the Middlesex County Retirement System, 25 Linnell Circle, P.O. Box 160, Billerica, Massachusetts 01865.

Benefits Provided

The Middlesex County Retirement System provides retirement, disability and death benefits as detailed below:

Retirement Benefits

Employees covered by the Contributory Retirement Law are classified into one of four groups depending on job classification. Group 1 comprises most positions in state and local government. It is the general category of public employees. Group 4 comprises mainly police and firefighters. Group 2 is for other specified hazardous occupations. (Officers and inspectors of the State Police are classified as Group 3).

For employees hired prior to April 2, 2012, the annual amount of the retirement allowance is based on the member's final three-year average salary multiplied by the number of years and full months of creditable service at the time of retirement and multiplied by a percentage according to the table below based on the age of the member at retirement.

<u>Benefit %</u>	<u>Group 1</u>	<u>Group 2</u>	<u>Group 4</u>
		<u>Hired on or before April 1 2012</u>	
2.50%	65+	60+	55+
2.40%	64	59	54
2.30%	63	58	53
2.20%	62	57	52
2.10%	61	56	51
2.00%	60	55	50
1.90%	59	N/A	49
1.80%	58	N/A	48
1.70%	57	N/A	47
1.60%	56	N/A	46
1.50%	55	N/A	45

For employees hired on April 2, 2012 or later, the annual amount of the retirement allowance is based on the member's final five-year average salary multiplied by the number of years and full months of creditable service at the time of retirement and multiplied by a percentage according to the tables below based on the age and years of creditable service of the member at retirement:

<u>Benefit %</u>	<u>Group 1</u>	<u>Group 2</u>	<u>Group 4</u>
		<u>Hired on after April 1 2012</u>	
2.50%	67+	62+	57+
2.35%	66	61	56
2.20%	65	60	55
2.05%	64	59	54
1.90%	63	58	53
1.75%	62	57	52
1.60%	61	56	51
1.45%	60	55	50

For all employees, the maximum annual amount of the retirement allowance is 80 percent of the member's final average salary. Any member who is a veteran also receives an additional yearly retirement allowance of \$15 per year of creditable service, not exceeding \$300. The veteran allowance is paid in addition to the 80 percent maximum.

Retirement Benefits - Superannuation

Members of Group 1, 2 or 4 hired prior to April 2, 2012 may retire upon the attainment of age 55. For retirement at ages below 55, twenty years of creditable service is required.

Members hired prior to April 2, 2012 who terminate before age 55 with ten or more years of creditable service are eligible for a retirement allowance upon the attainment of age 55 (provided they have not withdrawn their accumulated deductions from the Annuity Savings Fund of the System).

Members of Group 1 hired April 2, 2012 or later may retire upon the attainment of age 60. Members of Group 2 or 4 hired April 2, 2012 or later may retire upon the attainment of age 55. Members of Group 4 may retire upon attainment of age 50 with ten years of creditable service.

Members hired April 2, 2012 or later who terminate before age 55 (60 for members of Group 1) with ten or more years of creditable service are eligible for a retirement allowance upon the attainment of age 55 (60 for members of Group 1) provided they have not withdrawn their accumulated deductions from the Annuity Savings Fund of the System.

Ordinary Disability Benefits

A member who is unable to perform his or her job due to a non-occupational disability will receive a retirement allowance if he or she has ten or more years of creditable service and has not reached age 55. The annual amount of such allowance shall be determined as if the member retired for superannuation at age 55 (age 60 for Group 1 members hired on or after April 2, 2012), based on the amount of creditable service at the date of disability. For veterans, there is a minimum benefit of 50 percent of the member's most recent year's pay plus an annuity based on his or her own contributions.

Accidental Disability Benefit

For a job-connected disability, the benefit is 72 percent of the member's most recent annual pay plus an annuity based on his or her own contributions, plus additional amounts for surviving children. Benefits are capped at 75 percent of annual rate of regular compensation for employees who become members after January 1, 1988.

Death Benefits

In general, the beneficiary of an employee who dies in active service will receive a refund of the employee's own contributions. Alternatively, if the employee were eligible to retire on the date of death, a spouse's benefit will be paid equal to the amount the employee would have received under Option C. The surviving spouse of a member who dies with two or more years of credited service has the option of a refund of the employee's contributions or a monthly benefit regardless of eligibility to retire, if they were married for at least one year. There is also a minimum widow's pension of \$500 per month, and there are additional amounts for surviving children.

If an employee's death is job-connected, the spouse will receive 72 percent of the member's most recent annual pay, in addition to a refund of the member's accumulated deductions, plus additional amounts for surviving children. However, in accordance with Section 100 of Chapter 32, the surviving spouse of a police officer, firefighter or corrections officer who is killed in the line of duty will be eligible to receive an annual benefit equal to the maximum salary held by the member at the time of death. Upon the death of a job-connected disability retiree who retired prior to November 7, 1996 and could not elect an Option C benefit, a surviving spouse will receive an allowance of \$9,000 per year if the member dies for a reason unrelated to cause of disability.

Contributions

Active members of the Middlesex County Retirement System contribute either 5%, 7%, 8% or 9% of their gross regular compensation depending on the date upon which their membership began. An additional 2% is required from employees for earnings in excess of \$30,000. The Town is required to pay an actuarially determined rate. The contribution requirement of plan members is determined by M.G.L. Chapter 32. The contribution requirements are established by and may be amended by the Middlesex County Retirement System with the approval of the Public Employee Retirement Administration Commission.

The Town's contractually required contribution rate for the year ended June 30, 2018 was 27.17% of covered payroll, actuarially determined as an amount that, when combined with employee contributions, is expected to finance the costs of benefits earned by employees during the year, with an additional amount to finance any unfunded accrued liability. Contributions to the pension plan from the Town were \$1,966,279 for the year ending June 30, 2018.

b. Pension Liabilities, Pension Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions

At June 30, 2018, the Town reported a liability of \$21,402,700 for its proportionate share of the net pension liability. The net pension liability was measured as of December 31, 2017, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of that date. Accordingly, update procedures were utilized to roll forward the 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, 2017, the Town's proportion was 1.508098%.

The portion of the Net Pension Liability and related GASB 68 pension amounts for the Town of Groton's Electric Light Enterprise Fund (GELD), are reflected in the GELD financial statements (which are reported as of December 31, 2017). However, the Net Pension Liability and related GASB 68 pension amounts are reflected here in the June 30, 2018 Notes to the Financial Statements.

Chapter 176 of the Acts of 2011 was incorporated in this valuation, which changes many of the benefit features for members hired on or after April 2, 2012. In addition, the COLA base was increased to \$15,000 effective July 1, 2014.

Costs related to the Town's pension assessment are charged to the Town's enterprise funds by way of direct or indirect charges. As a result the pension liabilities, pension expense, deferred outflows of resources and deferred inflows of resources related to pensions were allocated to the enterprise funds.

For the year ended June 30, 2018, the Town recognized pension expense of \$2,309,693. At June 30, 2018, the Town reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	<u>Deferred Outflows of Resources</u>	<u>Deferred Inflows of Resources</u>
Differences between expected and actual experience	\$ 72,176	\$ (109,300)
Change in assumptions	2,045,842	-
Net differences between projected and actual investment earnings on pension plan investments	-	(581,337)
Changes in proportion and differences between contributions and proportionate share of contributions	334,544	(985,825)
Contributions subsequent to the measurement date	-	-
	<u>\$ 2,452,562</u>	<u>\$ (1,676,462)</u>

Contributions made subsequent to the measurement date (deferred outflows of resources) are recognized as a reduction of the net pension liability in the next fiscal year. The Town did not have any deferred outflows of resources for contributions made subsequent to the measurement date. Other amounts reported as deferred outflows and deferred inflows of resources related to pensions will be recognized in pension expense as follows:

Year ended June 30:	Amount
2019	\$ 393,634
2020	378,341
2021	176,645
2022	(172,520)
Total	<u>\$ 776,100</u>

Actuarial Assumptions

The total pension liability was determined by an actuarial valuation as of January 1, 2018, using the following actuarial assumptions, applied to all periods included in the measurement that was updated to January 1, 2018:

Valuation date	January 1, 2018
Actuarial Cost Method	Entry age normal cost method
Amortization Method	Prior year's total contribution increased by 6.5% for fiscal year 2018 through fiscal year 2024, and thereafter the remaining unfunded liability will be amortized on a 4.0% annual increasing basis; ERI Liability amortized in level payments.
Remaining Amortization Period	As of July 1, 2018, 1 year remaining for the 2002 ERI liability; 2 years remaining for the 2003 ERI liability; 4 years remaining for the 2010 ERI liability and 17 years for the remaining unfunded liability.
Asset Valuation Method	The difference between the expected return and the actual investment return on a market value basis is recognized over a five-year period. Asset value is adjusted, as necessary, to be within 20% of market value.
Investment Rate of Return/Discount Rate	7.5% net of pension plan investment expense, including inflation (7.75% in previous valuation)
Inflation Rate	3.25% (3.5% in previous valuation)
Projected Salary Increases	Varies by length of service with ultimate rates of 4.00% for Group 1, 4.25% for Group 2 and 4.50% for Group 4
Cost of Living Adjustments	3.00% of first \$14,000
Rates of Retirement	Varies based upon age for general employees, police and fire employees.
Rates of Disability	For general employees, it was assumed that 45% of all disabilities are ordinary (55% are service connected). For police and fire employees, 10% of all disabilities are assumed to be ordinary (90% are service connected).
Mortality Rates were based on the tables noted below:	
Healthy:	
Pre-Retirement	The RP-2014 Blue Collar Mortality Table projected generationally with Scale MP-2017 (previously RP-2000 Employee Mortality Table projected generationally from 2009 with Scale BB2D)
Healthy Retiree	The RP-2014 Blue Collar Health Annuitant Mortality Table projected generationally with Scale MP-2017 (previously RP-2000 Health Annuitant Mortality Table projected generationally from 2009 with Scale BB2D)
Disabled	The RP-2014 Blue Collar Health Annuitant Mortality Table set forward one year and projected generationally with Scale MP-2017 (previously RP-2000 Health Annuitant Mortality Table projected generationally from 2015 using Scale BB2D)

In performing the actuarial valuation, various assumptions are made regarding mortality, retirement, disability and withdrawal rates as well as salary increases and investment returns. A comparison of the results of the current valuation and the prior valuation is made to determine how closely actual experience relates to expected. The RP-2000 Employee Mortality Table projected 22 years with Scale AA and the RP-2000 Healthy Annuitant Mortality Table projected 17 years with Scale AA were determined to contain provisions appropriate to reasonably reflect future mortality improvement, based on a review of the mortality experience of the plan.

Changes in Assumptions

The following assumption changes were reflected in the January 1, 2018 actuarial valuation:

- The mortality tables for healthy participants were changed from the RP-2000 Employee and Healthy Annuitant Mortality Tables projected generationally using Scale BB2D from 2009 to the RP-2014 Blue Collar Employee and Healthy Annuitant Mortality Tables projected generationally using Scale MP-2017.
- The mortality tables for disabled participants were changed from the RP-2000 Healthy Annuitant Mortality Table projected generationally using Scale BB2D from 2015 to the RP-2014 Blue Collar Healthy Annuitant Mortality Table set forward 1 year projected generationally using Scale MP-2017.
- The long-term salary increase assumption was lowered by 0.25%, to 4.00% for Group 1 participants, 4.25% for Group 2 participants, and 4.50% for Group 4 participants.
- The investment rate of return assumption was reduced from 7.75% to 7.50%. The inflation rate was reduced to 3.25% from the previous rate of 3.50%.

Changes in Plan Provisions

There were not any changes in the Plan provisions.

Investment Policy

The pension plan's policy in regard to the allocation of invested assets is established by PRIT. Plan assets are managed on a total return basis with a long-term objective of achieving 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. The target allocation and best estimates of arithmetic real rates of return for each major asset class are summarized in the following table:

	<u>Target Allocation</u>	<u>Long Term Expected Rate of Return</u>
Domestic Equity	19.50%	7.50%
International Developed Markets Equity	16.80%	7.83%
Emerging Markets Equity	6.90%	9.61%
Core Fixed Income	12.30%	3.75%
Value Added Fixed Income	8.30%	7.26%
Private Equity	11.10%	9.50%
Real Estate	10.00%	6.50%
Timber/Natural Resources	3.60%	6.00%
Hedge Funds	9.00%	6.48%
Liquidating Portfolios	0.40%	6.48%
Portfolio Completion Strategies	1.10%	6.48%
Overlay	1.00%	6.48%
	<u>100.00%</u>	

Rate of Return

The annual money-weighted rate of return on pension plan investments for December 31, 2017 (net of investment expenses) was 17.25%. (7.35% for December 31, 2016). The money-weighted rate of return expresses investment performance, net of pension plan investment expense, is adjusted for the changing amounts actually invested, measured monthly.

Discount Rate

The discount rate used to measure the total pension liability was 7.75% (7.875 % in the previous valuation). The projection of cash flows used to determine the discount rate assumed plan member contributions will be made at the current contribution rate and that the Middlesex County Retirement System contributions will be made at rates equal to the actuarially determined contribution rates. Based on those assumptions, the pension plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

Sensitivity of the Town's Proportionate Share of the Net Pension Liability to Changes in the Discount Rate

The following presents the net pension liability of the Middlesex County Retirement System, calculated using the discount rate of 7.75%, as well as what the Middlesex County Retirement System's net pension 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:

	1% Decrease <u>(6.5%)</u>	Discount Rate <u>(7.5%)</u>	1% Increase <u>(8.5%)</u>
Town's proportionate share of the Net Pension Liability	\$26,268,236	\$21,402,700	\$17,300,400

Pension Plan Fiduciary Net Position

Detailed information about the pension plan's fiduciary net position is available in the separately issued Middlesex County Retirement System financial report. The System issues a stand-alone financial report is available that can be obtained through the System's website at <https://middlesexretirement.org/wp-content/uploads/2018/08/FINAL-MCRS-Audit-Report-of-Financial-Statements-12-31-2017.pdf>

(L) Other Postemployment Benefits (OPEB) Disclosures

The Governmental Accounting Standards Board (GASB) issued Statement #74 *Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans* (which became effective for the June 30, 2017 reporting period) and Statement #75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions* (effective for the June 30, 2018 reporting period). GASB Statements #74 and #75 relate to reporting requirements of the Town's OPEB Trust fund and the Town's OPEB liability. The net other post-employment benefits **liability** reported in the Town's statement of net position under the new standards differs from the net other post-employment benefits **obligation** amount previously reported (in accordance with the prior standards guided by GASB Statement #45 *Accounting and Financial Reporting by Employers for Postemployment Benefits Other Than Pensions*. Under GASB Statement #45, the reporting of the Town's net other post-employment benefits liability was "phased in" over a thirty-year period. The new standards eliminate the thirty-year phase in period and require reporting the entire other post-employment benefits liability.

We have reported below, in the Notes to the Financial Statements, OPEB information relating to both GASB 75 and GASB 74. The GASB 75 Actuarial Valuation Report, prepared for the Town, has an Actuarial Valuation Date of July 1, 2017. The GASB 75 Report also has a Reporting Date of June 30, 2018, and a Measurement Date of July 1, 2017. The GASB 74 Actuarial Valuation Report also has an Actuarial Valuation Date of July 1, 2017 and a Reporting Date of June 30, 2018. However, in accordance with the GASB 74 Standards, the GASB 74 Report does not have a Measurement date. Because of these differences in the two Actuarial Reports, we have reported separate information below (in the Notes to the Financial Statements) relating to GASB 75 and GASB 74, if there were any differences in the specific OPEB information that must be reported. In addition, because the Groton Electric Light Department has a reporting period of December 31, 2017, the reporting requirements relating GASB 75 are not yet effective, and are therefore not reported in the financial statements. However, we have reported the required GASB 74 and GASB 45 information relating to the Electric Light Department in the financial statements.

Summary of Significant Accounting Policies (OPEB)

For purposes of measuring the net OPEB liability, deferred outflows of resources and deferred inflows of resources related to OPEB, and OPEB expense, information about the fiduciary net position of the Town's Plan and additions to/deductions from Plan's fiduciary net position have been determined on the same basis as they are reported by the Plan. For this purpose, the Plan recognizes benefit payments when due and payable in accordance with the benefit terms. Investments are reported at fair value, except for money market investments and participating interest-earning investment contracts that have a maturity at the time of purchase of one year or less, which are reported at cost.

General Information About the Plan

Plan Description

Plan Administration: The Town administers all activity related to the other post-employment benefits plan - a single employer defined benefit plan that is used to provide postemployment benefits other than pensions (OPEB) for all eligible employees of the Town. Management of the plan is vested in the Town's Treasurer. The Town's Board of Selectmen has the authority to establish and amend benefit terms.

Plan Membership: At June 30, 2018, the plans membership consisted of the following for the Town:

Inactive plan members or beneficiaries currently receiving benefit payments	56
Active Plan Members	<u>95</u>
Total	<u>151</u>

Plan Membership: The plans membership consisted of the following for the Electric Light Department (GASB74):

Inactive plan members or beneficiaries currently receiving benefit payments	8
Active Plan Members	<u>9</u>
Total	<u>17</u>

Benefits Provided: The Town provides retired employees and their spouses and dependents with payments for a portion of their health care and life insurance benefits. Benefits are provided through a third-party insurer.

Contributions. The Town pays 80% of the premiums for the active employees and 65% for the retirees for health insurance, and 50% of the premiums for both the active employees and retirees for life insurance, with the employees/retirees paying the remaining percentage. Benefits paid by the Town are on a pay-as-you-go basis. The contribution requirements of plan members and the Town are established and may be amended from time to time. For the year ended June 30, 2018, the Town's average contribution rate was 3.40% of covered payroll.

Employer Reporting (GASB 75)

Net OPEB Liability

The Town's net OPEB liability was measured as of July 1, 2017, and the total OPEB liability used to calculate the net OPEB liability was determined by an actuarial valuation as of that date.

Total OPEB Liability	\$9,926,135
Plan Fiduciary Net Position	(22)
Net OPEB Liability	<u>\$9,926,113</u>

Plan fiduciary net position as a percentage of the total OPEB liability	0.00%
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Electric Light Department GASB 74

Total OPEB Liability	\$1,242,612
Plan Fiduciary Net Position	(1,165,684)
Net OPEB Liability	<u>\$76,928</u>

Plan fiduciary net position as a percentage of the total OPEB liability	93.81%
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Actuarial assumptions. The total OPEB liability was determined by an actuarial valuation as of July 1, 2017, using the following actuarial assumptions, applied to all periods included in the measurement, unless otherwise specified:

<u>Notes to Schedule</u>	<u>Town</u>	<u>Light</u>
Valuation date:	7/1/2017	12/31/2017
Actuarial cost method	Individual Entry Age Normal	Projected unit credit
Asset valuation method	Market Value of Assets as of the Measurement Date, July 1, 2017	
Inflation	2.75%	2.75%
Healthcare cost trend rates	5% current and after	5% current
Salary increases	3.00%	
Investment rate of return	6.44%, net of OPEB plan investment expense, including inflation	5.82%, net of investment expenses, including inflation
Post-Retirement	RP-2000 Healthy Annuitant Mortality Table projected generationally with scale BB and a base year 2009 for males and females	RP-2000 Healthy Annuitant Mortality Table projected generationally with scale BB and a base year 2009 for males and females
Disabled	RP-2000 Healthy Annuitant Table projected generationally with scale BB and a base year 2009 for males and females	RP-2000 Healthy Annuitant Table projected generationally with scale BB and a base year 2009 for males and females

Investments

Investment Policy: The plan's policy in regard to the allocation of invested assets is approved and may be amended by the Treasurer with the approval of the Selectmen. The policy pursues an investment strategy that reduces risk through the prudent diversification of the portfolio across a broad selection of distinct asset classes.

The long-term expected rate of return on OPEB 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 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. The target allocations and best estimates of

arithmetic real rates of return for each major asset class summarized in the target asset allocation as of June 30, 2018, are summarized in the table below:

	Electric Light Department			
	<u>GASB 74</u>			
	Target	Long Term	Target	Long Term
	<u>Allocation</u>	<u>Expected Rate</u>	<u>Allocation</u>	<u>Expected Rate</u>
		of Return		of Return
Domestic Equity - Large Cap	30.75%	4.00%	23.25%	4.00%
Domestic Equity - Small/Mid Cap	16.25%	6.00%	19.25%	6.00%
International Equity - Developed Market	6.50%	4.50%	7.50%	4.50%
International Equity - Emerging Market	3.25%	7.00%	0.00%	7.00%
Domestic Fixed Income	20.00%	2.00%	45.00%	2.00%
International Fixed Income	10.00%	3.00%	0.00%	3.00%
Alternatives	0.00%	6.00%	0.00%	6.00%
Real Estate	8.25%	6.25%	0.00%	6.25%
Cash	5.00%	0.00%	5.00%	0.00%
	<u>100.00%</u>		<u>100.00%</u>	

Concentrations

The OPEB plan did not hold investments in any one organization that represent 5% or more of the OPEB plan's fiduciary net position.

Rate of Return

For the year ended June 30, 2018, the annual money-weighted rate of return on investments, net of investment expense, was 0.01%. The money-weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts actually invested.

Discount rate: The discount rate used to measure the total OPEB liability was 5.0%. The projection of cash flows used to determine the discount rate assumed that Town contributions will be made at rates equal to the actuarially determined contribution rates. Based on those assumptions, the OPEB plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on OPEB plan investments was applied to all periods of projected benefit payments to determine the total OPEB liability.

Changes in Net OPEB Liability

	Increase (Decrease)		
	Total OPEB <u>Liability</u>	Plan Fiduciary <u>Net Position</u>	Net OPEB <u>Liability</u>
Balances on 7/1/2017	\$7,151,799	\$10	\$7,151,789
Changes for the Year:			
Service Cost	395,760	-	395,760
Interest	334,604	-	334,604
Differences Between Expected and Actual Experience	2,270,297	-	2,270,297
Contributions - Employer	-	226,325	(226,325)
Net Investment Income	-	12	(12)
Benefit Payments	(226,325)	(226,325)	-
Administrative Expense	-	-	-
Net Changes	<u>2,774,336</u>	<u>12</u>	<u>2,774,324</u>
Balances on 6/30/2018	<u>\$9,926,135</u>	<u>\$22</u>	<u>\$9,926,113</u>

Sensitivity of the net OPEB liability to changes in the discount rate: The following presents the net OPEB liability of the Town, as well as what the Town's net OPEB liability would be if it were calculated using a discount rate that is 1-percentage-point lower or 1-percentage-point higher than the current discount rate:

	1% Decrease <u>4.00%</u>	Discount Rate <u>5.00%</u>	1% Increase <u>6.00%</u>
Net OPEB Liability (asset)	\$11,617,226	\$9,926,113	\$8,580,209

Electric Light Department GASB 74

	1% Decrease <u>5.00%</u>	Discount Rate <u>6.00%</u>	1% Increase <u>7.00%</u>
Net OPEB Liability (asset)	\$290,644	\$76,928	(\$92,632)

Sensitivity of the net OPEB liability to changes in the healthcare cost trend rates: The following presents the net OPEB liability of the Town, as well as what the Town's net OPEB liability would be if it were calculated using healthcare cost trend rates that are 1 percentage-point lower or 1-percentage-point higher than the current healthcare cost trend rates:

	1% Decrease	Healthcare Trend Rates	1% Increase
	<u>4.00%</u>	<u>5.00%</u>	<u>6.00%</u>
Net OPEB Liability (asset)	\$7,638,380	\$9,926,113	\$12,870,034

Electric Light Department GASB 74

	1% Decrease	Healthcare Trend Rates	1% Increase
	<u>4.00%</u>	<u>5.00%</u>	<u>6.00%</u>
Net OPEB Liability (asset)	(\$216,043)	\$76,928	\$460,670

OPEB Expense and Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB

For the year ended June 30, 2018, the Town recognized OPEB expense of \$730,365. At June 30, 2018, the Town reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	\$ 2,270,297	\$ -
Change in assumptions	-	-
Net differences between projected and actual earnings of OPEB plan investments	-	11
Contributions subsequent to the measurement date	-	-
	<u>\$ 2,270,297</u>	<u>\$ 11</u>

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

Year ended June 30:	Amount
2019	\$ 389,414
2020	389,770
2021	389,770
2022	389,770
2023	389,770
Thereafter	321,792
Total	<u>\$ 2,270,286</u>

OPEB plan fiduciary net position. Detailed information about the OPEB plan's fiduciary net position is available in the accompanying financial statements.

Electric Light Department

Annual OPEB Cost and OPEB Obligation. The annual Other Postemployment Benefit (OPEB) cost is calculated based on the Annual Required Contribution (ARC), an amount that has been actuarially determined in accordance with the parameters of GASB 45. The ARC represents a level of funding that, if paid on an ongoing basis, is projected to cover normal costs each year and to amortize any unfunded actuarial liabilities over a period not to exceed thirty years.

The following table shows the component of the annual OPEB cost, the amount actually contributed to the plan, and the Town's Net OPEB Obligation (NOO):

Annual Required Contribution (ARC)	\$152,697
Expected Benefit Payment	(37,517)
Contributions Made	<u>(206,000)</u>
Increase in Net OPEB Obligation	(90,820)
Net OPEB Obligation (NOO)- Beginning of Year	<u>370,528</u>
Net OPEB Obligation (NOO)- End of Year	<u>\$279,708</u>

The annual required contribution, the percentage of annual required contribution contributed to the plan, and the net OPEB obligation are shown below:

Fiscal Year	Annual OPEB	Percentage of	Net OPEB
<u>Ended December 31:</u>	<u>Cost</u>	<u>Annual OPEB</u>	<u>Obligation</u>
		<u>Cost</u>	
		<u>Contributed</u>	
2017	\$146,914	162%	\$279,708
2016	\$153,738	106%	\$370,528
2015	\$164,434	114%	\$379,513

Actuarial Valuation <u>Date</u>	Actuarial Value of Assets <u>(a)</u>	Actuarial Accrued Liability (AAL) <u>(b)</u>	Unfunded AAL (UAAL) <u>(b) - (a)</u>	Funded Ratio <u>(a) / (b)</u>	Covered Payroll <u>(c)</u>	Percentage of Covered Payroll <u>[(b) - (a) / (c)]</u>
12/31/2017	\$1,165,684	\$1,461,856	\$296,172	79.74%	\$1,370,655	21.61%

Plan Reporting – Fiduciary Funds (GASB 74 Reporting)

Investments

Investment Policy: The plan’s policy in regard to the allocation of invested assets is approved and may be amended by the Treasurer with the approval of the Commissioners. The intended policy pursues an investment strategy that reduces risk through the prudent diversification of the portfolio across a broad selection of distinct asset classes.

The long-term expected rate of return on OPEB 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 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. The target allocations and best estimates of arithmetic real rates of return for each major asset class summarized in the target asset allocation as of June 30, 2018, are noted above under the GASB 75 footnotes.

Concentrations

The OPEB plan did not hold investments in any one organization that represent 5% or more of the OPEB plan’s fiduciary net position.

Rate of Return

For the year ended June 30, 2018, the annual money-weighted rate of return on investments, net of investment expense, was 0.88%. The money-weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts actually invested.

Changes in Net OPEB Liability

	Increase (Decrease)		
	Total OPEB <u>Liability</u>	Plan Fiduciary <u>Net Position</u>	Net OPEB <u>Liability</u>
Balances on 7/1/2017	\$9,926,135	\$22	\$9,926,113
Changes for the Year:			
Service Cost	460,696	-	460,696
Interest	461,403	-	461,403
Differences Between Expected and Actual Experience	-	-	-
Contributions - Employer	-	369,826	(369,826)
Net Investment Income	-	1,388	(1,388)
Benefit Payments	(269,876)	(269,876)	-
Administrative Expense	-	-	-
Net Changes	<u>652,223</u>	<u>101,338</u>	<u>550,885</u>
Balances on 6/30/2018	<u>\$10,578,358</u>	<u>\$101,360</u>	<u>\$10,476,998</u>

Actuarial assumptions. The total OPEB liability was determined by an actuarial valuation as of July 1, 2017 (rolled forward to June 30, 2018). The actuarial assumptions for GASB 74 are the same as the actuarial assumptions for GASB 75 noted above.

Sensitivity of the net OPEB liability to changes in the discount rate: The following presents the net OPEB liability of the Town, as well as what the Town's net OPEB liability would be if it were calculated using a discount rate that is 1-percentage-point lower (3.5%) or 1-percentage-point higher (5.5%) than the current discount rate:

	1% Decrease <u>3.50%</u>	Discount Rate <u>4.50%</u>	1% Increase <u>5.50%</u>
Net OPEB Liability (asset)	\$12,380,590	\$10,476,998	\$9,144,018

Sensitivity of the net OPEB liability to changes in the healthcare cost trend rates: The following presents the net OPEB liability of the Town, as well as what the Town's net OPEB liability would be if it were calculated using healthcare cost trend rates that are 1 percentage-point lower (4.0%) or 1-percentage-point higher (6.0%) than the current healthcare cost trend rates:

	1% Decrease <u>4.00%</u>	Healthcare Trend Rates <u>5.00%</u>	1% Increase <u>6.00%</u>
Net OPEB Liability (asset)	\$8,038,681	\$10,476,998	\$13,614,694

III. Detailed Notes on All Funds

(A) Assets

Accounts Receivable

The accounts receivable on the combined balance sheet are listed below by levy.

General Fund

Property Taxes Receivable:

Real Estate Taxes

2018	\$164,086	
2017	13,946	
2016	3,067	
2015	905	
2014	815	
2013	799	
2012	786	
2011	791	
Total Real Estate Taxes	<u> </u>	<u>\$185,195</u>

Personal Property Taxes

2018	259	
2017	1,335	
2015	742	
2014	857	
2013	\$355	
Total Personal Property Taxes	<u> </u>	<u>3,548</u>

(A) Assets (Continued)

CPA Preservation		
2018	2,773	
2017	255	
Total CPA Preservation	<u> </u>	<u>3,028</u>
Total Property Taxes Receivable		<u>\$191,771</u>
Tax Liens		<u>\$334,685</u>
Excise Taxes Receivable:		
Motor Vehicle Excise Tax		
2018	\$111,222	
2017	12,565	
2016	4,538	
2015	3,370	
2014	3,014	
2013	3,759	
2012	3,742	
2011	2,256	
2010	3,357	
2009	3,279	
2008	3,056	
2007	2,897	
2006	4,255	
Total Motor Vehicle Excise Tax	<u> </u>	<u>161,310</u>
Boat Excise Tax		
2017		<u>515</u>
Total Excise Receivable		<u>\$161,825</u>
Departmental - Ambulance		<u>\$258,204</u>

(A) Assets (Continued)

Intergovernmental:

Due from Commonwealth of Massachusetts		
Other State Grant	\$	4,331
Massachusetts Highway		831,106
		<u>835,437</u>
Total Intergovernmental		<u>\$835,437</u>
Deferred Property Tax		<u>\$195,050</u>
Special Assessments:		
Septic Betterments		<u>\$6,176</u>

Enterprise Fund

Current:

User Charges		
Electric	\$	1,378,930
Sewer		22,745
Water		144,523
Total User Charges		<u>\$1,546,198</u>
Special Assessments:		
Sewer - Current	\$	732
Sewer - Noncurrent		176,495
Total Special Assessments		<u>\$177,227</u>

(B) Liabilities

i Short Term Notes Payable

The Town had various short term notes outstanding during the fiscal year ended June 30, 2018, as follows:

<u>Purpose</u>	<u>Interest Rate</u>	<u>Balance Beginning of Year</u>	<u>Issued</u>	<u>Redeemed</u>	<u>Balance End of Year</u>	<u>Maturity Date</u>
<u>Governmental Activities:</u>						
Lost Lake Fire Protection	1.55%	\$1,837,000	\$ 1,767,000	\$ 1,837,000	\$ 1,767,000	2/22/2019
Joint Radio Project	1.55%	650,000	595,000	650,000	595,000	2/22/2019
Four Corners Sewer Planning Design		166,667	-	166,667	-	
Four Corner Sewer		1,500,000	-	1,500,000	-	
Fire Truck	1.55%	-	995,000	-	995,000	2/22/2019
Highway Equipment	2.25%	-	325,000	-	325,000	2/22/2019
Senior Center	2.25%	-	3,000,000	-	3,000,000	2/22/2019
Total Governmental		<u>\$4,153,667</u>	<u>\$ 6,682,000</u>	<u>\$ 4,153,667</u>	<u>\$ 6,682,000</u>	
<u>Business-type Activities:</u>						
Water Well Improvement	2.25%	\$ 400,000	\$ 364,175	\$ 400,000	\$ 364,175	2/22/2019
Total Business-type		<u>\$ 400,000</u>	<u>\$ 364,175</u>	<u>\$ 400,000</u>	<u>\$ 364,175</u>	

(B) Liabilities (Continued)

ii Long Term Debt

General obligation bonds outstanding at June 30, 2018, bear interest at various rates.

(a) Changes in Long Term Debt - the following is a summary of bond transactions for the year ended June 30, 2018:

Governmental Activities:

<u>General Obligation Bond</u>	<u>Sale Date</u>	<u>Original Borrowing</u>	<u>Interest Rates to Maturities</u>	<u>Final Maturity</u>	<u>Balance July 1, 2017</u>	<u>Issued</u>	<u>Redeemed</u>	<u>Balance June 30, 2018</u>
Bernier/Bissell Property	7/15/2001	\$ 850,000	4.50%	7/15/2019	\$ 128,430	\$ -	\$ 43,630	\$ 84,800
Bissell Property	7/15/2001	1,075,000	4.50%	7/15/2019	161,330	-	54,880	106,450
Gibbett Hill Conservation Rest	11/15/2003	3,000,000	2.80%	11/1/2022	875,000	-	160,000	715,000
Library	7/15/1999	1,831,464	4.00%	7/15/2017	82,500	-	82,500	-
Library	7/15/1999	364,000	4.00%	7/15/2017	17,740	-	17,740	-
Lost Lake Fire Station Remodel	11/15/2003	1,450,000	2.81%	11/1/2022	435,000	-	75,000	360,000
Norris Property	7/15/2001	750,000	4.50%	7/15/2019	114,500	-	38,700	75,800
Project Eval Report MWPAT - Town	11/6/2003	330,000	5.00%	8/1/2023	98,550	-	10,950	87,600
Shattuck Property	7/15/2001	500,000	4.50%	7/15/2019	75,530	-	25,440	50,090
Town Hall	7/15/1999	2,500,000	4.00%	7/15/2017	114,760	-	114,760	-
Title Five paid out from fund #29	8/1/2002	197,403	5.50%	8/1/2023	41,400	-	10,400	31,000
Land Acquisition - Lot 1, 6A & 6B, 7, & 8	7/1/2007	5,015,000	4.75%	12/15/2021	1,940,000	-	405,000	1,535,000
Fire Station	4/18/2013	7,730,000	2.75%	6/1/2035	6,630,000	-	305,000	6,325,000
					<u>\$ 10,714,740</u>	<u>\$ -</u>	<u>1,344,000</u>	<u>9,370,740</u>

Business Type Activities:

<u>General Obligation Bond</u>								
Sewer Betterment - Boston Rd	4/1/2008	310,940	4.50%	10/1/2025	\$ 149,859	\$ -	\$ 16,648	\$ 133,212
Sewer Betterment - Old Ayer Rd	4/1/2008	155,960	4.50%	10/1/2025	75,141	-	8,353	66,789
MWPAT - Sewer	11/6/2003	330,000	5.00%	8/1/2023	36,450	-	4,050	32,400
G.E.L.D. Transformer	7/15/2001	750,000	4.50%	7/15/2019	110,210	-	37,350	72,860
G.E.L.D. Building Construction	8/1/2014	2,000,000	2.80%	11/1/2033	1,835,000	-	85,000	1,750,000
MWPAT	12/14/2006	1,234,434	2.00%	7/15/2026	679,894	-	62,035	617,859
Water System Upgrade	11/23/2004	4,417,366	5.00%	8/1/2024	2,155,000	-	235,000	1,920,000
					<u>\$ 5,041,554</u>	<u>\$ -</u>	<u>\$ 448,435</u>	<u>\$ 4,593,119</u>

(B) Liabilities (Continued)

(b) Summary of Debt Service Requirements to Maturity

	<u>Governmental Activities</u>		<u>Business-Type Activities</u>	
	<u>Principal</u>	<u>Interest</u>	<u>Principal</u>	<u>Interest</u>
2019	\$1,157,650	\$243,186	\$461,038	\$156,425
2020	1,174,490	203,624	475,477	137,114
2021	1,034,800	167,243	451,271	118,262
2022	774,600	139,818	467,602	99,740
2023	579,600	121,709	483,959	79,739
2024-2028	1,999,600	476,150	1,498,772	190,186
2029-2033	2,255,000	238,825	620,000	73,018
2034-2035	395,000	17,850	135,000	2,194
	<u>\$9,370,740</u>	<u>\$1,608,405</u>	<u>\$4,593,119</u>	<u>\$856,678</u>

(c) Bond Authorizations

Long-term debt authorizations voted by the Town which have not been issued or rescinded as of June 30, 2018, are summarized as follows:

<u>Date Authorized</u>	<u>Purpose</u>	<u>Amount</u>
April 27, 2015	Joint Radio Project	\$595,000
April 27, 2015	Lost Lake Fire Protection	1,767,000
October 17, 2016	Well Improvement	364,175
April 24, 2017	Fire Truck	995,000
April 30, 2018	Highway Dump Truck	185,000
April 30, 2018	Highway Tractor Trailer	140,000
April 30, 2018	Senior Center Construction	<u>5,431,000</u>
	Total	<u>\$9,477,175</u>

iii Refunding of Long Term Debt

Current Refunding

On August 1, 2014, the Town issued \$1,860,000 of General Obligations Refunding Bonds with an average interest rate of 2.80% to advance refund \$1,910,000 of outstanding debt with average interest rates of 4.26% to 4.35%. The net proceeds (after payment of underwriting fees, insurance and other issuance costs) were used to purchase U.S. government securities. Those securities were deposited in an irrevocable trust with an escrow agent to provide all future debt service payments on the refunded bonds. As a result, the refunded bonds are considered to be defeased.

<u>Fiscal Year</u>	<u>Existing</u>	<u>Refunding</u>
	<u>Debt</u>	<u>Bonds</u>
	<u>Principal</u>	<u>Principal</u>
	<u>& Interest</u>	<u>& Interest</u>
2019	\$ 278,175	\$ 258,800
2020	258,806	242,050
2021	249,356	225,600
2022	239,738	219,300
2023	<u>229,950</u>	<u>208,075</u>
	<u>\$1,256,025</u>	<u>\$1,153,825</u>

Economic Gain from Refunding Issue

The total net present value benefit as a result of the refunding issues is \$172,470.

(B) Liabilities (Continued)

Economic Gain from Refunding Issue

The total net present value benefit as a result of the refunding issues is \$172,470.

Prior Year Defeased Debt

On November 1, 2010, the Town issued \$3,655,000 of General Obligations Refunding Bonds with an average interest rate of 1.65% to advance refund \$3,875,000 of outstanding debt with average interest rates of 2.87% and 2.61%. The net proceeds (after payment of underwriting fees, insurance and other issuance costs) were used to purchase U.S. government securities. Those securities were deposited in an irrevocable trust with an escrow agent to provide all future debt service payments on the refunded bonds. As a result, the refunded bonds are considered to be defeased.

<u>Fiscal Year</u>	<u>Existing Debt Principal & Interest</u>	<u>Refunding Bonds Principal & Interest</u>
2019	\$ 235,718	\$ 219,500
2020	<u>220,238</u>	<u>199,500</u>
	<u>\$455,956</u>	<u>\$419,000</u>

Economic Gain from Refunding Issue

The total net present value benefit as a result of the refunding issues is \$336,751.

iv Changes in Long Term Debt

Changes in the government's long-term liabilities for the year ended June 30, 2018 are as follows:

	<u>Balance July 1, 2017</u>	<u>Additions</u>	<u>Reductions</u>	<u>Balance June 30, 2018</u>	<u>Current Portion</u>
<u>Governmental Activities</u>					
Bonds Payable	\$ 10,714,740	\$ -	\$ (1,344,000)	\$ 9,370,740	\$ 1,157,650
Add: Unamortized Premium	<u>76,284</u>	<u>-</u>	<u>(12,714)</u>	<u>63,570</u>	<u>12,714</u>
Total Bonds Payable	<u>10,791,024</u>	<u>-</u>	<u>(1,356,714)</u>	<u>9,434,310</u>	<u>1,170,364</u>
Lease Payable	25,170	-	(10,822)	14,348	4,634
Compensated Absences	395,990	96,143	(79,198)	412,935	-
Landfill Closure Costs	629,321	-	(10,000)	619,321	10,000
Net Pension Liability	17,649,033	1,941,594	(2,630,588)	16,960,039	-
Other Post Employment Benefits	<u>6,770,496</u>	<u>2,842,097</u>	<u>(215,685)</u>	<u>9,396,908</u>	<u>-</u>
Total Governmental Activities	<u>\$ 36,261,034</u>	<u>\$ 4,879,834</u>	<u>\$ (4,303,007)</u>	<u>\$ 36,837,861</u>	<u>\$ 1,184,998</u>
<u>Business Type Activities</u>					
Bonds Payable	\$ 5,041,554	\$ -	\$ (448,435)	\$ 4,593,119	\$ 461,038
Add: Unamortized Premium	<u>52,979</u>	<u>-</u>	<u>(3,013)</u>	<u>49,966</u>	<u>3,013</u>
Total Bonds Payable	<u>5,094,533</u>	<u>-</u>	<u>(451,448)</u>	<u>4,643,085</u>	<u>464,051</u>
Compensated Absences	26,785	16,336	(5,357)	37,764	-
Net Pension Liability	4,491,829	797,203	(637,206)	4,651,826	-
Other Post Employment Benefits	<u>751,821</u>	<u>311,261</u>	<u>(254,169)</u>	<u>808,913</u>	<u>-</u>
Total Business Type Activities	<u>\$ 10,364,968</u>	<u>\$ 1,124,800</u>	<u>\$ (1,348,180)</u>	<u>\$ 10,141,588</u>	<u>\$ 464,051</u>

IV. Significant Commitments

Encumbrances

Encumbrances for open purchase are reported as Assigned Fund Balance unless the resources have already been restricted, committed or assigned for another purpose.

V. Subsequent Year Authorizations

The Town (including the Towns enterprise funds) adopted a fiscal 2019 operating and capital budget of \$43,384,818. Fiscal 2019 budgetary amounts which are not reflected in the accompanying financial statements will be financed by the following sources:

Property Taxes, State Aid and Non-Property Tax Revenue	\$ 36,870,675
Enterprise and Community Preservation Funds	3,226,996
Other Available Funds	<u>3,287,147</u>
Total	<u><u>\$ 43,384,818</u></u>

VI. Landfill Closure and Post Closure Care Costs

As of June 30, 2018, the closure of the Town's landfill was effectively complete. In accordance with laws and regulations issued by the Massachusetts Department of Environmental Protection, the Town has capped the landfill. These laws also require the Town to perform certain maintenance and monitoring functions at the site for thirty years after the landfill is capped and closed. The Town estimates the closure and post closure care costs to be approximately \$619,321. The potential exists for changes to the estimates due to inflation or deflation, technology or applicable laws and regulations.

VII. Prior Period Adjustment

Governmental Accounting Standards Board Statement #45 (*Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*) required reporting the net Other Post Employment Benefits (OPEB) liability over a thirty year phase in period. Beginning in fiscal year 2018, the implementation of Governmental Accounting Standards Board Statement #75 (*Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*) eliminated the phase in period and the entire net Other Post Employment Benefits (OPEB) liability must be reported. As a result, a prior period adjustment was required to reflect the entire net OPEB liability at the beginning of the fiscal year. The net position prior to the adjustment, the prior period adjustment and the net position after the prior period adjustment are as follows:

	<u>Total</u>	Governmental <u>Activities</u>	Business Type <u>Activities</u>
Net Position Prior to Adjustment	\$ 52,547,078	\$ 29,413,367	\$ 23,133,711
Prior Period Adjustment	(1,853,867)	(1,753,011)	(100,856)
Net Position After the Adjustment	<u>\$ 50,693,211</u>	<u>\$ 27,660,356</u>	<u>\$ 23,032,855</u>

VIII. Implementation of New GASB Pronouncements

During fiscal year 2018, the following GASB pronouncements were implemented:

- The GASB issued Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*, which is required to be implemented in reporting periods beginning after June 15, 2017. The implementation of this standard required reporting the entire net OPEB liability in the financial statements. In addition, the standard required significant note disclosures and additional required supplementary information.
- The GASB issued Statement No 81, *Irrevocable Split-Interest Agreements*, which is required to be implemented in reporting periods beginning after December 15, 2016. The implementation of this pronouncement did not impact the financial statements.
- The GASB issued Statement No 82, *Pension Issues—an amendment of GASB Statements No. 67, No. 68, and No. 73* which is required to be implemented in fiscal year 2018. This Statement amends Statements 67 and 68 to require the presentation of covered payroll, defined as the payroll on which contributions to a pension plan are based, and ratios that use that measure. The statement was implemented.
- The GASB issued Statement No. 85, *Omnibus 2017* which is required to be implemented in reporting periods beginning after June 15, 2017. The implementation of this pronouncement did not impact the financial statements.
- The GASB issued Statement No. 86, *Certain Debt Extinguishment Issues* which is required to be implemented in reporting periods beginning after June 15, 2017. The implementation of this pronouncement did not impact the financial statements.

The following GASB pronouncements will be implemented in future fiscal years:

- The GASB issued Statement No. 83, *Certain Asset Retirement Obligations* which is required to be implemented for reporting periods beginning after June 15, 2018.
- The GASB issued Statement No. 84, *Fiduciary Activities* which is required to be implemented in reporting periods beginning after December 15, 2018.
- The GASB issued Statement No. 87, *Leases* which is required to be implemented in reporting periods beginning after December 15, 2019.
- The GASB issued Statement No. 88, *Certain Disclosures Related to Debt, including Direct Borrowings and Direct Placements* which is required to be implemented in reporting periods beginning after June 15, 2018.
- The GASB issued Statement No. 89, *Accounting for Interest Cost Incurred before the End of a Construction Period* which is required to be implemented in reporting periods beginning after December 15, 2019.
- The GASB issued Statement No. 90 *Majority Equity Interests—an amendment of GASB Statements No. 14 and No. 61* which is required to be implemented in reporting periods beginning after December 15, 2018.

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

***REQUIRED
SUPPLEMENTARY
INFORMATION***

Town of Groton, Massachusetts
Required Supplementary Information
General Fund
Statement of Revenues and Expenditures - Budget and Actual
Fiscal Year Ended June 30, 2018

	<u>Budgeted Amounts</u>		Actual Budgetary Amounts	Variance with Final Budget Positive (Negative)
	<u>Original</u>	<u>Final</u>		
<u>Revenues</u>				
Property Taxes	\$ 31,034,043	\$ 31,048,543	\$ 31,032,290	\$ (16,253)
Tax Liens	-	-	378,762	378,762
Excises	1,615,000	1,615,000	1,946,904	331,904
Penalties, Interest on Taxes and Excises	90,000	90,000	243,944	153,944
In Lieu of Taxes	225,000	225,000	279,194	54,194
Charges for Services	559,987	559,987	588,722	28,735
Other Departmental	986,800	986,800	1,387,069	400,269
Licenses and Permits	300,000	300,000	719,667	419,667
Fines and Forfeits	25,000	25,000	32,025	7,025
Earnings on Investments	19,000	19,000	28,830	9,830
Intergovernmental	894,026	894,026	927,654	33,628
Miscellaneous	-	-	602	602
Total Revenues	<u>35,748,856</u>	<u>35,763,356</u>	<u>37,565,663</u>	<u>1,802,307</u>
<u>Expenditures</u>				
General Government	2,598,159	2,698,210	2,520,487	177,723
Public Safety	4,285,108	4,326,812	4,204,972	121,840
Education	20,783,384	21,130,244	21,130,244	-
Highway and Public Works	1,834,776	1,944,776	2,093,772	(148,996)
Health and Human Services	338,580	338,580	289,780	48,800
Culture and Recreation	1,419,293	1,448,367	1,396,010	52,357
Debt Service	1,172,652	1,177,036	1,177,035	1
Intergovernmental	89,523	89,523	89,523	-
Employee Benefits	3,642,510	3,596,797	3,568,728	28,069
Total Expenditures	<u>36,163,985</u>	<u>36,750,345</u>	<u>36,470,551</u>	<u>279,794</u>
Excess (Deficiency) of Revenues Over Expenditures	<u>(415,129)</u>	<u>(986,989)</u>	<u>1,095,112</u>	<u>2,082,101</u>
<u>Other Financing Sources (Uses):</u>				
Transfers In	631,692	736,692	736,692	-
Transfers Out	(591,667)	(1,911,667)	(1,911,667)	-
Free Cash and Other Available Funds	342,300	2,129,160	2,129,160	-
Budgetary Balance	240,949	240,949	449,094	208,145
Other Uses	(208,145)	(208,145)	(208,145)	-
Total Other Financing Sources (Uses)	<u>415,129</u>	<u>986,989</u>	<u>1,195,134</u>	<u>208,145</u>
Excess (Deficiency) of Revenues and Other Financing Sources Over (Under) Expenditures and Other Uses	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 2,290,246</u>	<u>\$ 2,290,246</u>

See Notes to the Required Supplementary Information

Required Supplementary Information
Schedule of the Town of Groton Massachusetts' Proportionate Share of the Net Pension Liability
Middlesex County Retirement System
Last Ten Fiscal Years**

	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>
Town's proportionate share of the net pension liability (asset) (%)	1.508098%	1.582453%	1.595806%	1.622876%	1.627086%
Town's proportionate share of the net pension liability (asset) (\$)	21,402,700	22,421,400	20,586,198	19,495,870	19,293,598
Town's covered payroll	7,236,359	7,051,413	6,891,765	6,626,697	6,764,657
Town's proportionate share of the net pension liability (asset) as a percentage of its covered payroll	295.77%	317.97%	298.71%	294.20%	285.21%
Plan fiduciary net position as a percentage of the pension liability	49.27%	45.49%	46.13%	47.65%	46.18%

**Historical information prior to implementation of GASB 67/68 is not required

The amounts presented for each fiscal year were determined as of December 31.

See Notes to the Required Supplementary Information

Required Supplementary Information
Schedule of the Town of Groton Massachusetts' Contributions
Middlesex County Retirement System
Last Ten Fiscal Years

	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>
Contractually required contribution	\$ 1,966,279	\$ 1,839,040	\$ 1,737,842	\$ 1,560,704	\$ 1,476,492	\$ 1,377,437	\$ 1,358,006	\$ 1,223,286	\$ 1,179,553	\$ 1,136,369
Contributions in relation to the contractually required contribution	<u>(1,966,279)</u>	<u>(1,839,040)</u>	<u>(1,737,842)</u>	<u>(1,560,704)</u>	<u>(1,476,492)</u>	<u>(1,377,437)</u>	<u>(1,358,006)</u>	<u>(1,223,286)</u>	<u>(1,179,553)</u>	<u>(1,136,369)</u>
Contribution deficiency (excess)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Town's covered payroll	7,236,359	7,051,413	6,891,765	6,626,697	6,764,657	<i>This schedule is intended to show information for 10 years. Additional years' information will be displayed as it becomes available</i>				
Contributions as a percentage of covered payroll	27.17%	26.08%	25.22%	23.55%	21.83%					

See Notes to the Required Supplementary Information

Town of Groton, Massachusetts
Required Supplementary Information
Schedule of Changes in the Net OPEB Liability and Related Ratios
June 30, 2018
Last 10 Fiscal Year

	GASB 74 Reporting Period 2018	2017	2016	2015	2014	2013	2012	2011	2010	2009
	GASB 75 Reporting Period 2018	2017	2016	2015	2014	2013	2012	2011	2010	2009
Total OPEB liability										
Service cost	\$ 460,696	\$ 395,760	<i>This schedule is intended to show information for 10 years. Additional years' information will be displayed as it becomes available</i>							
Interest	461,403	334,604								
Changes of benefit terms										
Difference between expected and actual experience		2,270,297								
Changes in assumptions (see below*)										
Benefit payments	(269,876)	(226,325)								
Net change in total OPEB liability	<u>652,223</u>	<u>2,774,336</u>								
Total OPEB liability - beginning	<u>9,926,135</u>	<u>7,151,799</u>								
Total OPEB liability - ending (a)	<u><u>\$ 10,578,358</u></u>	<u><u>\$ 9,926,135</u></u>								
Plan Fiduciary net position										
Contributions - employer	\$ 369,826	\$ 226,325								
Net investment income	1,388	12								
Benefit payments	(269,876)	(226,325)								
Administrative expense	-	-								
Net change in plan fiduciary net position	<u>101,338</u>	<u>12</u>								
Plan fiduciary net position - beginning	<u>22</u>	<u>10</u>								
Plan fiduciary net position - ending (b)	<u><u>\$ 101,360</u></u>	<u><u>\$ 22</u></u>								
Town's net OPEB liability - ending (a) - (b)	<u><u>\$ 10,476,998</u></u>	<u><u>\$ 9,926,113</u></u>								
Plan fiduciary net position as a percentage of the total OPEB liability	0.96%	0.00%								
Covered payroll	\$ 6,552,226	\$ 6,657,954								
Town's net OPEB liability as a percentage of covered payroll	159.90%	149.09%								

Notes to Schedule:

Benefit changes
Changes in assumption

GASB 74 Reporting

No Changes
4.5% - Discount rate and change in method - GASB 45- PUC (Projected Unit Cost) to GASB 74/75 - EAN (Entry Age Normal)

GASB 75 Reporting

No Changes
4.0 % - Discount rate and change in method - GASB 45- PUC (Projected Unit Cost) to GASB 74/75 - EAN (Entry Age Normal)

See Notes to the Required Supplementary Information

Town of Groton, Massachusetts
Required Supplementary Information
Schedule of Contributions - Other Post Employment Benefits
June 30, 2018
Last 10 Fiscal Year

	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009
GASB 74 Reporting Period	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009
GASB 75 Reporting Period	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009
Actuarial determined contribution	\$ 1,043,834	\$ 978,898	<i>This Schedule is intended to show information for 10 years. Additional years' information will be displayed as it becomes available.</i>							
Contributions in relating to the actuarially determined contribution	369,826	226,325								
Contribution deficiency (excess)	<u>\$ 674,008</u>	<u>\$ 752,573</u>								
Covered payroll	\$ 6,552,226	\$ 6,657,226								
Contributions as a percentage of covered payroll	5.64%	3.40%								

Notes to Schedule

GASB 74 and GASB 75 Reporting

Valuation date:

7/1/2017

Actuarial cost method	Individual Entry Age Normal
Asset valuation method	Market Value of Assets
Inflation	2.75%
Healthcare cost trend rates	5% current and after
Salary increases	3.00%
Investment rate of return	6.44%, net of OPEB plan
Post-Retirement	RP-2000 Healthy Annuitant Mortality Table projected generationally with scale BB and a base year 2009 for males and females
Disabled	RP-2000 Healthy Annuitant Table projected generationally with scale BB and a base year 2009 for males and females

See Notes to the Required Supplementary Information

Town of Groton, Massachusetts
 Required Supplementary Information
 Schedule of Investment Returns - Other Post Employment Benefits
 June 30, 2018
 Last 10 Fiscal Year

GASB 74 Reporting Period	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>
GASB 75 Reporting Period	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2010</u>

Annual money-weighted rate of return,
 net of investment expense 0.88% 0.01% *This Schedule is intended to show information for 10 years. Additional years's inform
 will be displayed as it becomes available.*

See Notes to the Required Supplementary Information

Town of Groton, Massachusetts
Notes to the Required Supplementary Information
June 30, 2018

I. Budgetary Information

Budget requests are prepared by the various Town departments and submitted to the Selectmen and Finance Committee for review during January and February of each year. The Selectmen and Finance Committee have until the annual Town meeting is held, to make any changes to the departments' requests. After approval of the budget at the annual Town meeting, the tax recapitulation (recap) sheet is prepared. During this process the property tax rate is determined and the recap sheet is sent to the Department of Revenue for approval.

Encumbrance accounting is utilized when purchase orders, contracts or other commitments for purchases are recorded in order to reserve that portion of the applicable appropriations. Encumbrances still open at year end are reported as a reservation of fund balance. Encumbrances do not constitute expenditures or liabilities.

II. Pension Plans

i. Plan Description

The Town provides pension benefits to eligible employees by contributing to the Middlesex County Retirement System, a cost sharing multiple-employer defined benefit pension plan administered by the Middlesex County Retirement System. The System is administered by a five member board on behalf of all eligible current employees and retirees. The system provides retirement benefits, cost of living adjustments, disability benefits and death benefits.

The Town is a member of the Massachusetts Contributory Retirement System and is governed by Chapter 32 of the Massachusetts General Laws (MGL). The authority to establish and amend benefit provisions requires a statutory change to Chapter 32. The Middlesex County Retirement System issues a stand-alone financial report that is available to the public at <https://middlesexretirement.org/wp-content/uploads/2018/08/FINAL-MCRS-Audit-Report-of-Financial-Statements-12-31-2017.pdf> or by writing to the to the Middlesex County Retirement System, 25 Linnell Circle, P.O. Box 160, Billerica, Massachusetts 01865.

ii. Funding Plan

Active members of the Middlesex County Retirement System contribute either 5%, 7%, 8% or 9% of their gross regular compensation depending on the date upon which their membership began. An additional 2% is required from employees for earnings in excess of \$30,000. The Town is required to pay an actuarially determined rate. The contribution requirements of plan members are determined by M.G.L. Chapter 32. The Town's contribution requirement is established and may be amended by the Middlesex County Retirement System with the approval of the Public Employee Retirement Administration Commission.

iii. Change in Assumptions

The following assumption changes were reflected in the January 1, 2018 actuarial valuation:

- The mortality tables for healthy participants were changed from the RP-2000 Employee and Healthy Annuitant Mortality Tables projected generationally using Scale BB2D from 2009 to the RP-2014 Blue Collar Employee and Healthy Annuitant Mortality Tables projected generationally using Scale MP-2017.
- The mortality tables for disabled participants were changed from the RP-2000 Healthy Annuitant Mortality Table projected generationally using Scale BB2D from 2015 to the RP-2014 Blue Collar Healthy Annuitant Mortality Table set forward 1 year projected generationally using Scale MP-2017.
- The long-term salary increase assumption was lowered by 0.25%, to 4.00% for Group 1 participants, 4.25% for Group 2 participants, and 4.50% for Group 4 participants.
- The investment rate of return assumption was reduced from 7.75% to 7.50%. The inflation rate was reduced to 3.25% from the previous rate of 3.50%.

Changes in Plan Provisions

There were not any changes in the Plan provisions.

iv. Schedule of Town's Proportionate Share of the Net Pension Liability - Middlesex County Retirement System

The schedule details the Town's percentage of the collective net pension liability, the proportionate amount of the collective net pension liability, the Town's covered payroll, the Town's proportionate share of the collective net pension liability as a percentage of the Town's covered payroll and the fiduciary net position of the plan as a percentage of the total pension liability. As more information becomes available, this will be a ten year schedule.

iv. Schedule of the Town's Contributions

The schedule details the Town's contractually required contributions, the contributions made by the Town, the deficiency/(excess) of contributions made by the Town, the Town's covered payroll and the Town's contributions as a percentage of covered payroll. As more information becomes available, this will be a ten year schedule.

III. Other Postemployment Benefits (OPEB) Disclosures

The Governmental Accounting Standards Board (GASB) issued Statement #74 *Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans* (which became effective for the June 30, 2017 reporting period) and Statement #75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions* (effective for the June 30, 2018 reporting period). GASB Statements #74 and #75 relate to reporting requirements of the Town's OPEB Trust fund and the Town's OPEB liability. The net other post-employment benefits **liability** reported in the Town's statement of net position under the new standards

differs from the net other post-employment benefits **obligation** amount previously reported (in accordance with the prior standards guided by GASB Statement #45 *Accounting and Financial Reporting by Employers for Postemployment Benefits Other Than Pensions*. Under GASB Statement #45, the reporting of the Town's net other post-employment benefits liability was "phased in" over a thirty-year period. The new standards eliminate the thirty-year phase in period and require reporting the entire other post-employment benefits liability.

Plan Description

Plan Administration: The Town administers all activity related to the other post-employment benefits plan - a single employer defined benefit plan that is used to provide postemployment benefits other than pensions (OPEB) for all eligible employees of the Town. Management of the plan is vested in the Town's Treasurer. The Town's Board of Selectmen has the authority to establish and amend benefit terms.

Benefits Provided: The Town provides retired employees and their spouses and dependents with payments for a portion of their health care and life insurance benefits. Benefits are provided through a third-party insurer.

Contributions. The Town pays 80% of the premiums for the active employees and 65% for the retirees for health insurance, and 50% of the premiums for both the active employees and retirees for life insurance, with the employees/retirees paying the remaining percentage. Benefits paid by the Town are on a pay-as-you-go basis. The contribution requirements of plan members and the Town are established and may be amended from time to time.

i. Schedule of Net OPEB Liability and Related Ratios

The schedule provides information about the changes in the OPEB liability and the changes in the fiduciary net position of the plan. The schedule, also, provides the plan fiduciary net position as a percentage of the total OPEB liability, the covered employee payroll and the Town's net OPEB liability as a percentage of covered employee payroll.

ii. The Schedule of Contributions - Other Post Employment Benefits

The schedule details the Town's actuarially required contributions, the contributions made by the Town, the deficiency/(excess) of contributions made by the Town, the Town's covered payroll and the Town's contributions as a percentage of covered payroll.

iii. The Schedule of Investment Rate of Returns - Other Post Employment Benefits

The schedule details the Town's annual money weighted rate of return, net of investment expense.

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

Board of Selectmen
Town of Groton
173 Main Street
Groton, MA 01450

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the basic financial statements of the governmental activities, the business type activities, each major fund, and the aggregate remaining fund information of Town of Groton, as of and for the year ended June 30, 2018, and the related notes to the financial statements, which collectively comprise the Town of Groton's basic financial statements, and have issued our report thereon dated November 9, 2018.

Internal Control Over Financial Reporting

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

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

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or, significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified. We did issue a management letter that addresses issues (not significant deficiencies or material weaknesses) that we believe should be communicated to you.

Compliance and Other Matters

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

Purpose of this Report

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

Giusti, Hingston and Company

Giusti, Hingston and Company
Certified Public Accountants
Georgetown, Massachusetts
November 9, 2018