

APPENDIX B

FUND DESCRIPTIONS & BALANCES

Fund Descriptions

The financial operations of the Town are organized into funds and account groups, each of which is a separate fiscal and accounting entity. All revenues received or expenditures made by the Town are accounted for through one of the funds or account groups listed below.

Governmental Funds

Most Town functions are financed through what are called Governmental Funds. These are the activities generally supported by “non-exchange” revenue, such as taxes. There are four types of governmental funds maintained by the Town: the General Fund, Special Revenue Funds, Permanent Funds, and the Capital Project Funds.

General Fund: The General Fund is the major operating fund of the Town government and it encompasses a majority of Town operations, and it is defined as covering all resources that are not required to be accounted for elsewhere. The General Fund is supported by revenues from real estate & personal property taxes, state aid, excise taxes, investment income, fines & forfeitures, and fees & charges. Most of the Town’s departments including the Schools are supported in whole or in part by the General Fund.

Special Revenue Funds: Special Revenue Funds are used to account for revenues that are legally restricted to specific purposes, with the exception of major capital projects and permanent funds. These revenues must be accounted for separately from the General Fund for a variety of reasons, and often span multiple fiscal years. The Town’s Special Revenue Funds are grouped into five categories:

1. **Revolving Funds:** Revolving Funds allow the Town to raise revenues from a specific program and use those revenues to support the program without appropriation. Revolving Funds are established by statute or by-law and may require reauthorization each year at Town Meeting. The Town maintains revolving funds for a number of purposes including Council on Aging, Family and Youth Services Department, Fire Department, Recreation Department, Library Lost Books, School Department Student Activities, and the School Lunch Program.
2. **Receipts Reserved for Appropriation:** The funds in this grouping are restricted to a specific use by statute and also require appropriation by Town Meeting. These funds include property insurance claims greater than \$100,000, monies from Cemetery sale of lots and graves, Net Premiums on Debt, Conservation Wetland Protection fees, and Cable Access Television.
3. **School Grants:** The School Grant Funds account for specially financed education programs using revenue from grants received from the Federal or State government. These include the State Special Education Revolving Fund (Circuit Breaker), and Federal Title I and Title IIA grants.

4. **Other Intergovernmental Funds:** These funds account for revenues received by the Town from the Federal or State government for specific purposes other than education. These include a variety of grants such as the Chapter 90 Highway Program, State Election Grants, State Library Aid, and the Elderly Formula Grant.
5. **Other Special Revenue Funds:** These funds account for any other miscellaneous special revenues not included in the previous categories. These include private donations for specific purposes, such as grants received from private or non-profit foundations, and gifts made to specific departments. This category also includes the Community Preservation Fund and the Conservation Fund.

Permanent Funds: Permanent Funds are used to report resources that are legally restricted to the extent that only earnings, and not principal, may be used to support the government and its citizens. Many times such funds are referred to as "Trust" funds, and the acceptance of such funds generally involves acceptance by Town Meeting for each fund's individual requirements. There are two accounts associated with each permanent fund, the expendable income, and the non-expendable principal.

1. **Expendable Trust Funds:** This heading accounts for the expendable income portion of the permanent funds. This heading is also used to account for funds received by the Town in a trustee capacity where both the principal and earnings of the fund may be expended on a restricted basis for the benefit of the Town or its Citizens. This includes the Scholarship Tax Check-off Fund and the Elderly/Disabled Fund.
2. **Non-expendable Trusts:** are used to account for trusts where the principal must remain intact. Generally income earned on the non-expendable trust principal may be expended in accordance with the conditions of a trust instrument or statute, and is accounted for in the previous category. An example is the Cemetery Department's Perpetual Care Trust.

Capital Project Funds: The Capital Project Funds are used to account for monies used for the acquisition or construction of major capital facilities (buildings, roads, etc.) other than those financed by other dedicated funds, such as the Community Preservation Act Fund or Chapter 90 Highway Funds. In addition to "projects," the Town's Capital Project Funds also account for capital outlay for items purchased pursuant to the town's capital plan, such as Departmental Equipment. The source of funding for these funds are primarily proceeds from the Town's issuance of bonds, but may also be derived from private sources, grants, or transfers from other Town funds.

Proprietary (Enterprise) Funds

Proprietary Funds cover the town's "business-type" activities, and are referred to as such in the financial statements. These statements comprise the Water and Sewer Enterprise Funds of the Town. All direct and indirect costs including overhead of each service are intended to be captured by user fees and/or general fund subsidies. These funds account for their own fixed assets and long term liabilities. Although the long term debt of the funds is ultimately the legal obligation of the general fund, it is budgeted and paid for by the Enterprise Fund for which the project was approved. Town Meeting has approved the use of the Enterprise Fund accounting for the Water, Sewer, and Solid Waste utilities. However for the purposes of the financial statements only the Water and Sewer Funds are considered "business-type" activities.

Fiduciary Funds

Fiduciary funds are used to account for resources held for the benefit of parties outside of the government. The Town is the trustee, or fiduciary, and the government and its citizenry do not benefit directly from such funds. This means that the Town is responsible for assets in a purely custodial manner that can be used only for the trust beneficiaries and Agency Funds. Under this heading the Town maintains only Agency Funds, such funds for "special detail" for overtime labor billed to outside parties, collection of Deputy Fees payable to the Deputy Collector, firearms licenses payable to the Commonwealth, and fees derived from and expenses related to the use of school facilities by outside parties.

Account Groups

The last category of fund account entities maintained by the Town is the Account Groups. For which there are two, the General Long-term Debt Account Group and the General Fixed Assets Account Group.

The first of these groups is the General Long-term Debt Account Group which accounts for the balances due on long-term debt that the Town has approved. The liabilities accounted for in this fund extend to future years, versus those that affect the current year alone shown in other funds. When borrowing is approved the liability is increased in this fund, and when debt is paid down or rescinded the liability is reduced.

The second of these groups is the General Fixed Asset Account Group. As infrastructure is developed, construction completed, and capital outlays are made, the Town's inventory of Fixed Assets is increased. The value of these assets is then depreciated on a fixed schedule annually.

Basis of Accounting

By necessity the Town produces financial reports that have different bases of accounting. Since the goal of financial reporting is to provide useful information to its users, the measurement focuses of reporting must change with respect to the needs of the audience.

The day to day method of accounting used by the Town is UMAS, the Commonwealth of Massachusetts' Universal Municipal Accounting System. This accounting system is prescribed by the Commonwealth of Massachusetts Department of Revenue and is intended to demonstrate compliance with state statutes and local near-term decisions (e.g. budget). This system prescribes the use of the modified accrual basis of accounting, which is the basis used by all governmental fund types. Under the modified accrual basis, revenues are recognized when susceptible to accrual (i.e. when they become both measurable and available). "Measurable" means the amount of the transaction can be determined and "available" means collectible within the current period or soon enough thereafter to be used to pay liabilities of the current period. The Town considers that property taxes are available if they are collected within 60 days after year-end. Expenditures are recorded when the liability is incurred. Principal and interest on general long-term debt are recorded as liabilities in the fiscal years that the payments are due.

The full accrual basis of accounting is used for the Town's financial statements, which are produced based on generally accepted accounting principles (GAAP). The statements report information about the Town with a broad overview. The statements use accounting methods most similar to those used by a private-sector business and are typically used to demonstrate the long term financial position of the Town. The users of this information are often bond rating agencies and others seeking information consistent with entities in other states. The Government Accounting Standards Board (GASB) issues guidance for how GAAP based financial statements should be prepared for government entities. The accrual basis of accounting is utilized by the proprietary and agency funds. Under this method, revenues are recorded when earned and expenses are recorded at the time liabilities are incurred.

Budgeting

An annual budget is adopted for the Town's General and Enterprise Funds. Although legislative approval is required for capital projects, borrowing authorizations, and other warrant articles, annual budgets are not prepared for any other fund. Note however that although there are informational budgets presented for capital spending with regard to the Capital Improvement Plan and also by the Community Preservation Committee for spending from the Community Preservation Act Fund, the related spending for such purposes is approved article by article versus the adoption of an annual consolidated budget.

The Town's annual budget is adopted on a statutory basis, specific to the Commonwealth of Massachusetts, and it differs in some respects from GAAP. The major differences between the budget and GAAP basis are that:

1. Budgeted revenues are recorded when cash is received, except for real estate and personal property taxes, which are recorded as revenue when levied (budget), as opposed to when susceptible to accrual (GAAP).
2. For the budget, encumbrances are treated as expenditures in the year the commitment is made. Also, certain appropriations, known as special articles, do not lapse and are treated as budgetary expenditures in the year they are authorized as opposed to when the liability is actually incurred (GAAP).
3. The depreciation of Fixed Assets is not recognized as a current expense on a budgetary basis, except to the extent that actual maintenance costs are included in departmental budgets.

Following are three tables which are excerpted from the Town's financial statements prepared on a GAAP basis. These tables display the results of operations for the fiscal year ending June 30, 2018. There's one table for Governmental Funds and one for Proprietary Funds. Since Fiduciary funds do not involve the measurement of operations, there is no corresponding table for that grouping. For reference, you may access a complete version of the Town's audited financial statements online at: http://www.town.northborough.ma.us/Pages/NorthboroughMA_Accounting Hardcopies of the financial statements from each year are filed with the Town Clerk's office.

Under GASB Statement 34, and further by Statement 54, "Major Funds" are defined as individual funds that have reached a significant threshold with respect to total fund balance, and have dedicated revenue sources. "Major Funds" must be shown separately from the general fund. The remaining individual funds are aggregated in the "Nonmajor" category for the purposes of the financial statements. The third and final table displayed is the statement for the "Nonmajor" Governmental Funds.

TOWN OF NORTHBOROUGH, MASSACHUSETTS

Statement of Revenues, Expenditures and Changes in Fund Balances

Governmental Funds

For the Year Ended June 30, 2018

	General Fund	School Construction Project	Nonmajor Governmental Funds	Total
Revenues:				
Property taxes	\$ 48,495,124	-	565,082	49,060,206
Excise and local option taxes	3,139,094	-	-	3,139,094
Payments in lieu of taxes	112,489	-	-	112,489
Departmental charges for services	262,592	-	2,568,595	2,831,187
Licenses and permits	569,280	-	-	569,280
Intergovernmental	11,188,401	363,866	2,224,262	13,776,529
Fines and forfeits	135,466	-	8,592	144,058
Investment income	196,628	-	11,165	207,793
Other	66,148	-	501,855	568,003
Total revenues	64,165,222	363,866	5,879,551	70,408,639
Expenditures:				
Current:				
General government	2,566,462	-	2,020,465	4,586,927
Public safety	4,777,810	-	458,732	5,236,542
Education	35,356,766	121,443	2,110,813	37,589,022
Public works	2,353,458	-	2,212,156	4,565,614
Human services	650,078	-	221,209	871,287
Recreation and culture	1,096,575	-	636,868	1,733,443
Intergovernmental	235,976	-	-	235,976
Employee benefits	13,232,355	-	-	13,232,355
Other	239,753	-	-	239,753
Debt service	2,842,659	-	45,900	2,888,559
Total expenditures	63,351,892	121,443	7,706,143	71,179,478
Excess (deficiency) of revenues over expenditures	813,330	242,423	(1,826,592)	(770,839)
Other financing sources (uses):				
Proceeds from bond issuance	-	-	819,000	819,000
Operating transfers in	859,137	-	1,745,159	2,604,296
Operating transfers out	(1,577,160)	-	(1,027,136)	(2,604,296)
Total other financing sources (uses)	(718,023)	-	1,537,023	819,000
Net changes in fund balances	95,307	242,423	(289,569)	48,161
Fund balance, beginning of year	9,516,356	1,124,799	10,114,885	20,756,040
Fund balance, end of year	\$ 9,611,663	1,367,222	9,825,316	20,804,201

TOWN OF NORTHBOROUGH, MASSACHUSETTS

Statement of Revenues, Expenses and Changes in Fund Net Position

Proprietary Funds

For the Year Ended June 30, 2018

	Water Enterprise Fund	Sewer Enterprise Fund	Total
Operating revenues:			
Charges for services	\$ 2,283,358	2,322,813	\$ 4,606,171
Special Assessments	94,426	136,115	230,541
Total operating revenues	2,377,784	2,458,928	4,836,712
Operating expenditures:			
Salaries, wages and employee benefits	499,139	327,978	827,117
Energy purchases	1,240,294	263,156	1,503,450
Other operating expenses	206,507	383,105	589,612
Depreciation	522,009	249,775	771,784
Total operating expenditures	2,467,949	1,224,014	3,691,963
Operating income	(90,165)	1,234,914	1,144,749
Nonoperating revenues (expenses):			
Interest income	12,085	47,864	59,949
Interest expense	(58,123)	(152,970)	(211,093)
Other	-	15,326	15,326
Total nonoperating revenues (expenses)	(46,038)	(89,780)	(135,818)
Income before transfers	(136,203)	1,145,134	1,008,931
Operating transfers in (out)	63,362	(63,362)	-
Changes in net position	(72,841)	1,081,772	1,008,931
Net position, beginning of year, restated	8,536,939	7,495,710	16,032,649
Net position, end of year	\$ 8,464,098	8,577,482	\$ 17,041,580

TOWN OF NORTHBOROUGH, MASSACHUSETTS

Combining Statement of Revenues, Expenditures and Changes in Fund Balances

Nonmajor Governmental Funds

For the Year Ended June 30, 2018

	Special Revenue		Capital Projects	Permanent	Totals
	School	Other			
Revenues:					
Property taxes	\$ -	565,082	-	-	565,082
Departmental charges for services	302,664	2,245,281	-	20,650	2,568,595
Licenses and permits	-	-	-	-	-
Intergovernmental	1,228,634	995,628	-	-	2,224,262
Fines and forfeits	-	8,592	-	-	8,592
Investment income	31	7,315	-	3,819	11,165
Other	-	470,326	-	31,529	501,855
Total revenues	1,531,329	4,292,224	-	55,998	5,879,551
Expenditures:					
Current:					
General government	-	1,964,481	55,984	-	2,020,465
Public safety	-	331,623	127,109	-	458,732
Education	1,241,263	529,808	339,742	-	2,110,813
Public works	-	1,226,970	984,885	301	2,212,156
Human services	-	221,209	-	-	221,209
Recreation and culture	-	613,619	-	23,249	636,868
Debt service	-	45,900	-	-	45,900
Total expenditures	1,241,263	4,933,610	1,507,720	23,550	7,706,143
Excess (deficiency) of revenues over expenditures	290,066	(641,386)	(1,507,720)	32,448	(1,826,592)
Other financing sources (uses):					
Proceeds from bond issuance	-	-	819,000	-	819,000
Operating transfers in	-	217,159	1,528,000	-	1,745,159
Operating transfers out	-	(940,184)	(81,554)	(5,398)	(1,027,136)
Net changes in fund balances	290,066	(1,364,411)	757,726	27,050	(289,569)
Fund balance, beginning of year	651,754	6,195,651	2,186,875	1,080,605	10,114,885
Fund balance, end of year	\$ 941,820	4,831,240	2,944,601	1,107,655	9,825,316

Changes in Fund Balance

General Fund

It is important to note that while the General Fund's fund balance shown on the preceding GAAP based statements is a measure of resources that are available to the Town on a long-term basis, the full amount is not available for appropriation in its entirety on a statutory basis. Under Massachusetts General Law, the Massachusetts Department of Revenue (DOR) certifies the amount available, which is referred to as "Free Cash." This certified amount is available for appropriation by the legislative body. The amount certified by the DOR at the close of FY2018 is \$2,236,167 while the GAAP based Fund financial statements reflect an Unassigned Fund Balance of \$8,317,338, which also includes the Town's Stabilization Fund Balance of \$4,567,834.

Within the Town's Financial Policies (See Appendix A), is a reserve policy which defines reserves as being the combination of Free Cash & Stabilization Fund Balances. This reserve policy requires that the Town maintain reserves at a level of between 5 to 10% of the Town's General Fund expenditures. Under the Free Cash plan for the proposed FY2020 budget, the amount of \$500,000 will be used for the operating budget, \$175,000 will be used to fund the Appropriations Committee Reserve Fund, \$200,000 will be transferred into Stabilization, and \$861,167 will be used to fund capital expenditures. With respect to the proposed FY2020 budget, no transfers from Stabilization are contemplated, while use of Free Cash in the total amount of \$1,736,167 is proposed.

The following schedule demonstrates the Town's compliance with its fiscal policies, and that the proposed use of Free Cash for the current year will not yield a significant change in Fund Balance from the budget proposed in the prior year. The figures shown below reflect the amounts that are contemplated at the time of Town Meeting:

PROPOSED BUDGET	FY2019	FY2020
Certified Free Cash as of June 30 prior year	\$ 2,877,855	\$ 2,236,167
Proposed* use for budget	\$ (2,235,000)	\$ (1,736,167)
Unappropriated Free Cash	\$ 642,855	\$ 500,000
Stabilization Fund Balance as of June 30	\$ 4,364,697	\$ 4,567,834
Investment Income/(Loss) as of December 31	\$ 2,796	\$ 60,426
Proposed* transfer into Stabilization	\$ 200,000	\$ 200,000
Stabilization Fund Balance	\$ 4,567,493	\$ 4,828,260
Total Reserves	\$ 5,210,348	\$ 5,328,260
Proposed Expenditure Budget	\$ 64,113,138	\$ 66,016,688
Reserves as Percentage of Budget	8.1%	8.1%

**Proposed use of Free Cash for FY2019 & FY2020 include a \$200,000 transfer to the Stabilization Fund.*

Free Cash will be recalculated for June 30, 2019 once FY2019 is closed and the Town has submitted its balance sheet to the DOR. While the amount voted for use in FY2020 will reduce the amount shown in the preceding calculation, positive results from unspent appropriations and revenues above budget in FY2019 will add to the balance. Note that the figure for the adopted budget is determined when the Town's tax rate is set later during the current fiscal year (Tax Recapitulation). The adopted budget changes from the proposed due to a number of factors,

primarily assessments that are estimated at the time of Town Meeting, and finalized when the property tax rate is set and approved by the DOR. The following table shows the Town's reserves as calculated following the adoption of the budget and most recent Free Cash certifications (at close of prior fiscal year):

ADOPTED BUDGET	FY2018	FY2019
Certified Free Cash as of June 30	\$ 2,877,855	\$ 2,236,167
Stabilization Fund Balance as of June 30	\$ 4,364,697	\$ 4,567,834
Total Reserves	\$ 7,242,552	\$ 6,804,001
Adopted Budget	\$ 61,633,890	\$ 63,838,190
Reserves as Percentage of Budget	11.8%	10.7%

The preceding two tables demonstrate the Town's approach to maintain sufficient reserves through conservative fiscal policies, and shows the approach that is used to develop its Free Cash Plan. For FY2020 the amount of Free Cash certified at June 30, 2018 allows for amounts to be appropriated for capital in addition to the limited amount used for the operating budget. In the case of FY2019, \$1,360,000 in capital expenditures were approved, and for FY2020 \$861,167 is proposed for capital expenditures. This approach allows for sufficient reserves to be maintained, while at the same time reserves can be used to fund one-time expenses such as capital purchases.

Additionally, for the purposes of long term trend analysis, the level of the Town's reserves are compared to "Operating Revenues" as an indicator in its Financial Trend Monitoring System (FTMS) rather than the expenditure budget (see Appendix C for further information). "Operating Revenues" reflect the actual cash received in the General Fund during the fiscal year, and does not include the use of Free Cash or other "one-time revenues", or accruals. The indicator compares the percentage of reserves remaining at the close of the year to actual revenue. The indicator also seeks to reflect allocations or reservations subsequently made, to reflect spending decisions made after balances are certified. The table below shows the data excerpted for the most recently closed two years included in the analysis:

RESERVES VS. OPERATING REVENUES	FY2017	FY2018
Certified Free Cash as of June 30	\$ 2,877,855	\$ 2,236,167
Stabilization Fund Balance as of June 30	\$ 4,364,697	\$ 4,567,834
Total Reserves	\$ 7,242,552	\$ 6,804,001
Total Revenues	\$ 58,308,748	\$ 59,719,452
Reserves as % of Operating Revenues	12.4%	11.4%
Reserves Subsequently Used (Proposed*)	\$ (2,035,000)	\$ (1,536,167)
Total Adjusted Reserves	\$ 5,207,552	\$ 5,267,834
Total Revenues	\$ 58,308,478	\$ 59,716,452
Reserves as % of Operating Revenues	8.9%	8.8%

**Proposed use of Free Cash for FY2017 and FY2018 is reduced here by \$200,000 in each year to account for proposed transfers to the Stabilization Fund, since Stabilization funds are reserves.*



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