

*TOWNSHIP OF
PARSIPPANY-TROY HILLS*

COUNTY OF MORRIS

REPORT OF AUDIT

2018

*NISIVOCCIA LLP
CERTIFIED PUBLIC ACCOUNTANTS*

TOWNSHIP OF PARSIPPANY-TROY HILLS

COUNTY OF MORRIS

REPORT OF AUDIT

2018

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TOWNSHIP OF PARSIPPANY-TROY HILLS

PART I

FINANCIAL STATEMENTS AND

SUPPLEMENTARY DATA

YEAR ENDED DECEMBER 31, 2018



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Independent Auditors' Report

The Honorable Mayor and Members
 of the Township Council
 Township of Parsippany-Troy Hills
 Parsippany, New Jersey

Report on the Financial Statements

We have audited the financial statements – *regulatory basis* - of the various funds of the Township of Parsippany-Troy Hills, in the County of Morris (the "Township") as of and for the years ended December 31, 2018 and 2017, and the related notes to the financial statements, as listed in the foregoing table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting practices prescribed or permitted by the Division of Local Government Services, Department of Community Affairs, State of New Jersey (the "Division") to demonstrate compliance with the Division's regulatory basis of accounting, and the budget laws of New Jersey; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express opinions on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America, audit requirements prescribed by the Division, and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audits 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 Township'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 Township's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

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

The Honorable Mayor and Members
of the Township Council
Township of Parsippany-Troy Hills
Page 2

Basis for Adverse Opinion on U.S. Generally Accepted Accounting Principles

As described in Note 1, the financial statements are prepared by the Township on the basis of accounting practices prescribed or permitted by the Division to demonstrate compliance with the Division's regulatory basis of accounting and the budget laws of New Jersey, which is a basis of accounting other than accounting principles generally accepted in the United States of America. The effects on the financial statements of the variances between the regulatory basis of accounting described in Note 1 and accounting principles generally accepted in the United States of America, although not reasonably determinable, are presumed to be material.

Adverse Opinion on U.S. Generally Accepted Accounting Principles

In our opinion, because of the significance of the matter discussed in the *Basis for the Adverse Opinion on U.S. Generally Accepted Accounting Principles* paragraph, the financial statements referred to above do not present fairly in accordance with accounting principles generally accepted in the United States of America the financial position of each fund and account group of the Township as of December 31, 2018 and 2017, or the changes in financial position or where applicable, cash flows thereof for the years then ended.

Opinion on Regulatory Basis of Accounting

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the various funds and account group of the Township of Parsippany-Troy Hills as of December 31, 2018 and 2017, and the results of operations and changes in fund balance, where applicable, of such funds, thereof for the years then ended on the basis of the accounting practices prescribed or permitted by the Division to demonstrate compliance with the Division's regulatory basis of accounting and the budget laws of New Jersey, as described in Note 1.

Emphasis of Matter

As discussed in Note 16 to the financial statements, the Township implemented Governmental Accounting Standards Board ("GASB") Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other than Pensions*, during the year ended December 31, 2018. Our opinions are not modified with respect to this matter.

Other Matters

Supplementary Information

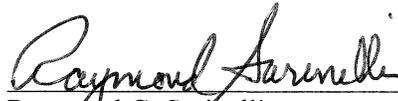
Our audit was conducted for the purpose of forming opinions on the financial statements of the various funds that collectively comprise the Township's financial statements. The supplementary data schedules listed in the table of contents and the schedules of expenditures of federal and state awards, as required by Title 2 U.S. Code of Federal Regulations Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* ("Uniform Guidance") and New Jersey's OMB Circular 15-08, *Single Audit Policy for Recipients of Federal Grants, State Grants and State Aid*, are presented for purposes of additional analysis and are not a required part of the financial statements.

The supplementary data schedules and the schedules of expenditures of federal and state awards are the responsibility of management and were derived from and relate directly to the underlying accounting and other records used to prepare the financial statements. Such information has been subjected to the auditing procedures applied in the audit of the various fund financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the various fund financial statements or to the various fund financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the supplementary data schedules and the schedules of expenditures of federal and state awards are fairly stated, in all material respects, in relation to the financial statements as a whole.

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated May 31, 2019 on our consideration of the Township of Parsippany-Troy Hills' 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 solely 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 the effectiveness of the Township's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Township of Parsippany-Troy Hills' internal control over financial reporting and compliance.

Mount Arlington, New Jersey
May 31, 2019



Raymond G. Sarinelli
Registered Municipal Accountant No. 383
Certified Public Accountant

TOWNSHIP OF PARSIPPANY-TROY HILLS
COUNTY OF MORRIS
2018
CURRENT FUND

TOWNSHIP OF PARSIPPANY-TROY HILLS
CURRENT FUND
COMPARATIVE BALANCE SHEET - REGULATORY BASIS

	Ref.	December 31,	
		2018	2017
<u>ASSETS</u>			
Regular Fund:			
Cash and Cash Equivalents		\$ 3,056,516.66	\$ 15,312,133.20
Investments		10,244,205.25	7,070,787.24
	A-4	13,300,721.91	22,382,920.44
Change Funds		815.00	815.00
Due from State of N.J. for Veterans' and Senior Citizens' Deductions		60,583.09	60,268.36
		13,362,120.00	22,444,003.80
Receivables and Other Assets With Full Reserves:			
Delinquent Property Taxes Receivable	A-7	1,021,150.10	1,115,322.00
Tax Title Liens Receivable	A-8	471,709.17	172,752.53
Property Acquired for Taxes at Assessed Valuation		1,428,800.00	1,428,800.00
Revenue Accounts Receivable	A-9	181,495.15	281,615.94
Other Liens Receivable	A-10	189,373.06	189,373.06
Due from:			
Animal Control Fund	B		25,752.54
Other Trust Funds	B	667,988.03	258,433.42
Sewer Utility Operating Fund	E	237.85	
Payroll		4,695.30	28,797.83
		3,965,448.66	3,500,847.32
Deferred Charges:			
Emergency Authorization (40A:4-46)			520,000.00
Special Emergency Authorization		1,883,894.60	1,606,459.41
		1,883,894.60	2,126,459.41
		19,211,463.26	28,071,310.53
Federal and State Grant Fund:			
Due from Current Fund	A	596,854.39	639,512.95
Due Other Trust Funds - Open Space	B		55,612.00
Federal and State Grants Receivable	A-14	303,292.67	320,670.26
		900,147.06	1,015,795.21
<u>TOTAL ASSETS</u>		<u>\$ 20,111,610.32</u>	<u>\$ 29,087,105.74</u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
CURRENT FUND
COMPARATIVE BALANCE SHEET - REGULATORY BASIS
(Continued)

	Ref.	December 31	
		2018	2017
<u>LIABILITIES, RESERVES AND FUND BALANCE</u>			
Regular Fund:			
Appropriation Reserves:			
Encumbered	A-3;A-11	\$ 1,263,169.74	\$ 1,453,202.96
Unencumbered	A-3;A-11	2,212,225.09	2,743,144.42
		<u>3,475,394.83</u>	<u>4,196,347.38</u>
Accounts Payable - Vendors		32,362.84	44,813.90
County Taxes Payable		177,797.82	119,841.69
Local School Taxes Payable	A-12	2.00	4.00
Special Emergency Notes Payable	A-13	1,883,000.00	1,606,000.00
Prepaid Taxes		1,349,676.43	10,668,216.87
Tax Overpayments		109,739.82	54,200.59
Reserve for Tax Appeals		1,337,234.70	1,471,223.20
Prepaid Revenue		96,839.99	82,803.14
Due to State of New Jersey:			
Construction Code Fees		30,778.00	34,066.00
Marriage License Fees		1,300.00	1,475.00
Due to:			
Federal and State Grant Fund	A	596,854.39	639,512.95
Animal Control Fund	B	2.00	
General Capital Fund	C	280,725.00	
Water Utility Operating Fund	D	43.26	2,841.32
Sewer Utility Operating Fund	E		5,772.29
Reserve for:			
Accumulated Revenue Unappropriated - Watershed Moratorium		55,178.00	55,178.00
		<u>9,426,929.08</u>	<u>18,982,296.33</u>
Reserve for Receivables and Other Assets	A	3,965,448.66	3,500,847.32
Fund Balance	A-1	5,819,085.52	5,588,166.88
Total Regular Fund		<u>19,211,463.26</u>	<u>28,071,310.53</u>
Federal and State Grant Fund:			
Unappropriated Reserves	A-15	19,774.94	159,962.22
Appropriated Reserves	A-16	880,372.12	855,832.99
Total Federal and State Grant Fund		<u>900,147.06</u>	<u>1,015,795.21</u>
<u>TOTAL LIABILITIES, RESERVES AND FUND BALANCE</u>		<u>\$ 20,111,610.32</u>	<u>\$ 29,087,105.74</u>

THE ACCOMPANYING NOTES TO FINANCIAL STATEMENTS
ARE AN INTEGRAL PART OF THIS STATEMENT

TOWNSHIP OF PARSIPPANY-TROY HILLS
CURRENT FUND
COMPARATIVE STATEMENT OF OPERATIONS
AND CHANGE IN FUND BALANCE - REGULATORY BASIS

	Ref.	Year Ended December 31,	
		2018	2017
<u>Revenue and Other Income Realized</u>			
Fund Balance Utilized		\$ 3,990,000.00	\$ 3,700,000.00
Miscellaneous Revenue Anticipated		21,206,384.20	20,527,551.18
Receipts from:			
Delinquent Taxes		1,043,190.27	1,280,588.43
Current Taxes		211,751,825.53	205,932,405.52
Nonbudget Revenue		248,136.98	347,741.92
Other Credits to Income:			
Unexpended Balance of Appropriation Reserves		1,203,070.31	1,313,478.24
Tax Overpayments Canceled			48,524.42
Accounts Payable Canceled			42,313.52
Prior Year Senior Citizens Deductions Allowed			2,500.00
Federal and State Grants Appropriated Reserves Canceled		53,469.92	0.35
Due to State of New Jersey Burial Fees Canceled			25.00
Interfunds and Other Receivables Returned		49,855.07	173.74
		<u>239,545,932.28</u>	<u>233,195,302.32</u>
<u>Expenditures</u>			
Budget and Emergency Appropriations:			
Municipal Purposes		71,091,600.69	70,030,925.48
County Taxes		22,580,757.94	22,602,365.16
Local School District Taxes		136,901,256.00	132,965,271.00
Open Space Taxes		1,452,176.86	1,445,612.05
Special District Taxes		3,545,907.00	3,425,391.00
Federal and State Grants Receivable Canceled		45,520.59	
Prior Year Senior Citizens Deductions Disallowed		49,430.54	21,129.45
Refund of Prior Year Revenue		703.75	11,735.56
Interfunds and Other Receivables Advanced		409,792.46	312,983.79
		<u>236,077,145.83</u>	<u>230,815,413.49</u>
Excess in Revenue		3,468,786.45	2,379,888.83
Adjustments to Excess Before Fund Balance:			
Expenditures Included Above Which are by Statute			
Deferred Charges to Budget of Succeeding Year		752,132.19	921,943.37
Statutory Excess to Fund Balance		4,220,918.64	3,301,832.20
<u>Fund Balance</u>			
Balance January 1		5,588,166.88	5,986,334.68
		9,809,085.52	9,288,166.88
Decreased by:			
Utilized as Anticipated Revenue		3,990,000.00	3,700,000.00
Balance December 31	A	<u>\$ 5,819,085.52</u>	<u>\$ 5,588,166.88</u>

THE ACCOMPANYING NOTES TO FINANCIAL STATEMENTS
ARE AN INTEGRAL PART OF THIS STATEMENT

TOWNSHIP OF PARIPPANY-TROY HILLS
CURRENT FUND
STATEMENT OF REVENUE - REGULATORY BASIS
YEAR ENDED DECEMBER 31, 2018

	Budget	Added by NJS A 40A:4-87	Realized	Excess or Deficit *
Fund Balance Anticipated	\$ 3,990,000.00		\$ 3,990,000.00	
Miscellaneous Revenue:				
Licenses:				
Alcoholic Beverages	90,000.00		95,480.00	\$ 5,480.00
Other	220,000.00		253,313.00	33,313.00
Fees and Permits	1,146,000.00		1,112,295.33	33,704.67 *
Fines and Costs:				
Municipal Court	650,000.00		602,857.44	47,142.56 *
Interest and Costs on Taxes	295,000.00		316,878.40	21,878.40
Interest of Investments and Deposits	200,000.00		440,620.79	240,620.79
Garbage and Trash Removal	1,400,000.00		1,679,955.71	279,955.71
Community Center Revenue - Concession Rents	200,000.00		225,910.00	25,910.00
Hotel Tax	2,500,000.00		2,597,551.52	97,551.52
Ambulance Service Billing	820,000.00		924,963.53	104,963.53
Lease of Township Assets	500,000.00		646,007.59	146,007.59
Consolidated Municipal Property Tax Relief Aid	266,305.00		266,305.00	
Energy Receipts Tax (P.L. 1997, Chapters 162 & 167)	4,228,718.00		4,228,718.00	
Watershed Moratorium	55,178.00		55,178.00	
Uniform Construction Code Fees	2,000,000.00		2,330,427.00	330,427.00
Shared Services - Municipal Court	242,000.00		200,484.78	41,515.22 *
Uniform Fire Safety Act - Ch. 383, P.L. 1985	159,592.23		206,799.03	47,206.80
General Capital Fund Balance	100,000.00		100,000.00	
Reserve for Debt Service	500,000.00		500,000.00	
Water Utility Operating Surplus of Prior Year	655,000.00		655,000.00	
Sewer Utility Operating Surplus of Prior Year	2,300,000.00		2,300,000.00	
Cablevision Franchise Fees	313,773.62		313,773.62	
PSEG Settlement	228,763.00		216,391.96	12,371.04 *
Payment in Lieu of Taxes - BT Property LLC (UPS)	388,000.00		388,220.00	220.00
Reserve for LOSAP	75,000.00		75,000.00	
State of New Jersey:				
Recycling Tonnage Grant	158,289.38		158,289.38	
Municipal Alliance Grant 2018/2019	28,143.00		28,143.00	

TOWNSHIP OF PARSIPPANY-TROY HILLS
CURRENT FUND
STATEMENT OF REVENUE - REGULATORY BASIS
YEAR ENDED DECEMBER 31, 2018
(Continued)

	Budget	Added by NJS A 40A:4-87	Realized	Excess or Deficit *
Miscellaneous Revenue (Cont'd):				
State of New Jersey (Cont'd):				
Municipal Alliance Grant Extension	\$ 2,000.00	\$	2,000.00	
Click It or Ticket	5,500.00		5,500.00	
Clean Communities Program	103,698.19		103,698.19	
Highway Safety - Safe Corridors		\$ 1,861.70	1,861.70	
Emergency Management Performance Grant	9,400.00		9,400.00	
Waste Water Treatment Homeland Security Grant		150,000.00	150,000.00	
Distracted Driving Crackdown 2018	6,600.00		6,600.00	
Alcohol Education Rehabilitation and Enforcement	5,261.23		5,261.23	
New Store Grant Community Relations - Charitable Trust Donation	3,000.00		3,000.00	
Traffic Safety Mini Grant	500.00		500.00	
Total Miscellaneous Revenue	19,855,721.65	151,861.70	21,206,384.20	\$ 1,198,800.85
Receipts from Delinquent Taxes	1,156,562.12		1,043,190.27	113,371.85 *
Amount to be Raised by Taxes for Support of Municipal Budget:				
Local Tax for Municipal Purposes	44,057,581.03		46,143,985.73	2,086,404.70
Minimum Library Tax	2,861,742.00		2,861,742.00	
Budget Totals	71,921,606.80	151,861.70	75,245,302.20	2,086,404.70
Nonbudget Revenue		248,136.98		\$ 3,171,833.70
	\$ 71,921,606.80	\$ 151,861.70	\$ 75,493,439.18	

TOWNSHIP OF PARSIPPANY-TROY HILLS
CURRENT FUND
STATEMENT OF REVENUE - REGULATORY BASIS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Allocation of Current Tax Collections:

Collection of Current Taxes	\$ 211,751,825.53
Allocated to Local School, Municipal Open Space, Special District and County Taxes	164,480,097.80
	<u>47,271,727.73</u>
Add: Appropriation "Reserve for Uncollected Taxes"	1,734,000.00
	<u>49,005,727.73</u>
Realized for Support of Municipal Budget	<u>\$ 49,005,727.73</u>

Receipts from Delinquent Taxes:

Delinquent Tax Collections	\$ 1,025,505.01
Tax Title Lien Collections	17,685.26
	<u>1,043,190.27</u>

Miscellaneous Revenue Not Anticipated:

Reimbursements	\$ 12,738.27	
Insurance Claims	943.29	
False Alarms	24,081.00	
Fall Festival	15,600.00	
Fines	4,663.25	
Sale/Lease of Township Assets	155,877.95	
Administrative Fee - Senior Citizens and Veterans Deductions	5,473.02	
Administrative Fee - Homestead Rebate	3,469.20	
Certified List	1,992.75	
Restitution	1,950.00	
Victory Gardens Community Garden	1,755.00	
Scrap Metal/Recycle	941.98	
Returned Checks	480.00	
Duplicate Tax Certificates	200.00	
Unclaimed Property	352.02	
Police - Towing	300.00	
ATM Fees	135.50	
Photostats -All Departments	341.81	
Sale of Maps - Assessor & Clerk	78.00	
Health Clinic	205.00	
Other Miscellaneous	4,174.80	
	<u>4,174.80</u>	
		\$ 235,752.84
Prepaid Revenue Applied:		
Lease of Township Assets		12,384.14
		<u>12,384.14</u>
		<u>\$ 248,136.98</u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
CURRENT FUND
STATEMENT OF REVENUE - REGULATORY BASIS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Analysis of Fees and Permits:

Registrar	\$ 9,015.00
Zoning	83,580.61
Engineering	34,067.06
Fire Prevention	257,718.00
Police	8,599.70
Planning Board	22,856.50
Off Duty Police	119,161.95
Recreation	297,533.78
Board of Housing	189,830.00
Department of Public Works	80,829.73
Purchasing	10,350.00
Tax Collector	580.00
	<hr/> 1,114,122.33
Less: Refunds	1,827.00
	<hr/> <hr/> \$ 1,112,295.33

Analysis of Other Licenses:

Clerk	\$ 94,302.00
Health	150,230.00
Registrar	8,781.00
	<hr/> \$ 253,313.00

Analysis of Uniform Construction Code Fees

Construction Code Official:	\$ 2,348,437.25
Less: Refunds	18,010.25
	<hr/> <hr/> \$ 2,330,427.00

THE ACCOMPANYING NOTES TO FINANCIAL STATEMENTS
ARE AN INTEGRAL PART OF THIS STATEMENT

TOWNSHIP OF PARSIPPANY-TROY HILLS
CURRENT FUND
STATEMENT OF EXPENDITURES - REGULATORY BASIS
YEAR ENDED DECEMBER 31, 2018

	Appropriations		Expended By		Unexpended Balance Cancelled
	Budget	Budget After Modification	Paid or Charged	Reserved	
Operations Within "CAPS":					
GENERAL GOVERNMENT:					
General Administration:					
Salaries and Wages	\$ 710,304.00	\$ 735,304.00	\$ 730,684.44	\$ 4,619.56	
Other Expenses	107,000.00	157,000.00	129,487.99	27,512.01	
Township Council:					
Salaries and Wages	47,220.00	47,220.00	47,198.24	21.76	
Other Expenses	6,000.00	2,000.00	240.00	1,760.00	
Municipal Clerk:					
Salaries and Wages	167,892.00	182,892.00	182,793.96	98.04	
Other Expenses	104,200.00	89,200.00	64,153.14	25,046.86	
Treasury:					
Salaries and Wages	207,502.00	187,502.00	156,495.92	31,006.08	
Other Expenses	52,500.00	52,500.00	51,119.71	1,380.29	
Audit	79,645.00	79,645.00	52,352.29	27,292.71	
Tax Collection:					
Salaries and Wages	74,534.00	74,534.00	62,912.24	11,621.76	
Other Expenses	41,150.00	41,150.00	32,612.64	8,537.36	
Tax Assessment Administration:					
Salaries and Wages	280,841.00	307,841.00	307,009.03	831.97	
Other Expenses	56,200.00	41,200.00	28,705.06	12,494.94	
Legal Services and Costs:					
Other Expenses	700,000.00	700,000.00	497,227.03	202,772.97	
Engineering Services and Costs:					
Salaries and Wages	495,652.00	495,652.00	484,594.73	11,057.27	
Other Expenses	56,600.00	46,600.00	40,440.95	6,159.05	

TOWNSHIP OF PARSIPPANY-TROY HILLS
CURRENT FUND
STATEMENT OF EXPENDITURES - REGULATORY BASIS
YEAR ENDED DECEMBER 31, 2018
(Continued)

	Appropriations		Expended By		Unexpended Balance Cancelled
	Budget	Budget After Modification	Paid or Charged	Reserved	
Operations Within "CAPS" (Continued):					
GENERAL GOVERNMENT (continued):					
Department of Planning:					
Salaries and Wages	\$ 51,362.00	\$ 74,362.00	\$ 71,539.82	\$ 2,822.18	
Other Expenses	79,800.00	79,800.00	69,498.32	10,301.68	
Board of Adjustment:					
Salaries and Wages	33,100.00	21,100.00	13,601.98	7,498.02	
Other Expenses	20,950.00	20,950.00	17,005.05	3,944.95	
Housing and Zoning Code Enforcement:					
Salaries and Wages	506,764.00	476,764.00	449,763.64	27,000.36	
Other Expenses	42,900.00	54,900.00	48,993.55	5,906.45	
Insurance:					
Liability Insurance	623,139.00	623,139.00	583,990.00	39,149.00	
Worker Compensation	754,363.00	754,363.00	749,989.00	4,374.00	
Employee Group Health	9,612,923.00	9,612,923.00	9,068,677.70	544,245.30	
Library Medical	138,204.00	138,204.00	86,722.78	51,481.22	
Police Department:					
Salaries and Wages	15,271,370.00	15,581,370.00	15,581,277.14	92.86	
Other Expenses	1,010,648.00	1,025,481.00	924,172.02	101,308.98	
Office of Emergency Management:					
Salaries and Wages	30,352.00	31,952.00	31,943.92	8.08	
Other Expenses	44,500.00	44,500.00	37,464.19	7,035.81	
Aid to First Aid Organization	210,000.00	210,000.00	210,000.00		

TOWNSHIP OF PARSIPPANY-TROY HILLS
CURRENT FUND
STATEMENT OF EXPENDITURES - REGULATORY BASIS
YEAR ENDED DECEMBER 31, 2018
(Continued)

	Appropriations		Expended By		Unexpended Balance Cancelled
	Budget	Budget After Modification	Paid or Charged	Reserved	
Operations Within "CAPS" (Continued):					
PUBLIC SAFETY (Cont'd):					
Fire Prevention Bureau:					
Salaries and Wages	\$ 345,811.00	\$ 345,811.00	\$ 332,555.08	\$ 13,255.92	
Other Expenses	74,748.00	64,748.00	52,192.14	12,555.86	
Municipal Court:					
Salary and Wages	467,717.00	527,717.00	500,800.09	26,916.91	
Other Expenses	31,200.00	31,200.00	25,457.14	5,742.86	
Prosecutor:					
Salary and Wages	62,004.00	62,004.00	30,650.00	31,354.00	
Improvements to First Aid Operations					
Other Expenses	11,500.00	11,500.00		11,500.00	
PUBLIC WORKS:					
Streets and Road Maintenance:					
Salaries and Wages	1,934,920.00	1,894,920.00	1,885,204.96	9,715.04	
Other Expenses	775,460.00	775,460.00	751,966.37	23,493.63	
Garbage and Trash Removal:					
Salary and Wages	2,149,959.00	2,119,959.00	2,091,638.91	28,320.09	
Other Expenses	412,750.00	412,750.00	374,384.98	38,365.02	
Buildings and Grounds:					
Salary and Wages	399,100.00	414,100.00	413,599.41	500.59	
Other Expenses	312,300.00	312,300.00	278,059.19	34,240.81	
Vehicle Maintenance:					
Other Expenses	751,375.00	711,375.00	625,600.77	85,774.23	
Condominium Costs	270,000.00	60,000.00		60,000.00	
HEALTH AND HUMAN SERVICES::					
Public Health Services:					
Salaries and Wages	518,032.00	518,032.00	481,748.67	36,283.33	
Other Expenses	42,100.00	42,100.00	34,367.58	7,732.42	

TOWNSHIP OF PARSIPPANY-TROY HILLS
CURRENT FUND
STATEMENT OF EXPENDITURES - REGULATORY BASIS
YEAR ENDED DECEMBER 31, 2018
(Continued)

	Appropriations		Expended By		Unexpended Balance Cancelled
	Budget	Budget After Modification	Paid or Charged	Reserved	
Operations Within "CAPS" (Continued):					
Senior Citizen Center:					
Salaries and Wages	\$ 218,353.00	\$ 218,353.00	\$ 196,812.57	\$ 21,540.43	
Other Expenses	57,000.00	57,000.00	56,913.57	86.43	
Animal Control:					
Other Expenses	170,000.00	170,000.00	170,000.00		
Contribution to Day Care Center	50,000.00	50,000.00	50,000.00		
Ambulance Services:					
Salaries and Wages	836,064.00	936,064.00	903,053.69	33,010.31	
Other Expenses	256,600.00	256,600.00	185,684.27	70,915.73	
RECREATION AND EDUCATION:					
Recreation Services:					
Salaries and Wages	629,306.00	589,306.00	554,965.63	34,340.37	
Other Expenses	196,000.00	196,000.00	193,387.92	2,612.08	
Maintenance of Parks:					
Salaries and Wages	1,962,765.00	1,922,765.00	1,870,838.56	51,926.44	
Other Expenses	331,100.00	331,100.00	324,581.05	6,518.95	
UTILITIES:					
Utilities and Gasoline	2,010,300.00	1,989,480.06	1,859,078.49	130,401.57	
Solid Waste Disposal Costs	1,800,000.00	1,800,000.00	1,695,060.61	104,939.39	
UNIFORM CONSTRUCTION CODE:					
Department of Buildings and Inspections:					
Salaries and Wages	1,322,134.00	1,322,134.00	1,283,894.41	38,239.59	
Other Expenses	251,500.00	251,500.00	244,087.47	7,412.53	
UNCLASSIFIED:					
Salary Adjustment	200,000.00				
Retirement Payout (Special Emergency + \$752,132.19)		752,132.19	752,132.19		
Total Operations Within "CAPS"	50,467,713.00	51,136,458.25	49,031,382.20	2,105,076.05	

TOWNSHIP OF PARSIPPANY-TROY HILLS
CURRENT FUND
STATEMENT OF EXPENDITURES - REGULATORY BASIS
YEAR ENDED DECEMBER 31, 2018
(Continued)

	Appropriations		Expended By		Unexpended Balance Cancelled
	Budget	Budget After Modification	Paid or Charged	Reserved	
Operations Within "CAPS" (Continued):					
Contingent	\$ 15,000.00	\$ 8,904.00	\$ 8,904.00		
Total Operations Including Contingent Within "CAPS"	50,482,713.00	51,145,362.25	49,040,286.20	\$ 2,105,076.05	
Detail:					
Salaries and Wages	28,923,058.00	29,087,658.00	28,665,577.04	422,080.96	
Other Expenses (Including Contingent)	21,559,655.00	22,057,704.25	20,374,709.16	1,682,995.09	
Deferred Charges and Statutory Expenditures-					
Municipal within "CAPS":					
Statutory Expenditures:					
Contributions to:					
Social Security System (O.A.S.I.)	1,600,640.00	1,500,843.57	1,500,843.57		
Public Employees' Retirement System	1,418,903.00	1,608,182.37	1,608,182.37		
Police and Firemen's Retirement System of N.J.	3,060,260.00	3,060,260.00	3,060,260.00		
Defined Contribution Retirement Program	11,500.00	11,500.00	11,164.24	335.76	
Total Deferred Charges and Statutory Expenditures - Municipal Within "CAPS"	6,091,303.00	6,180,785.94	6,180,450.18	335.76	
Total General Appropriations for Municipal Purposes Within "CAPS"	56,574,016.00	57,326,148.19	55,220,736.38	2,105,411.81	

TOWNSHIP OF PARSIPPANY-TROY HILLS
CURRENT FUND
STATEMENT OF EXPENDITURES - REGULATORY BASIS
YEAR ENDED DECEMBER 31, 2018
(Continued)

	Appropriations		Expended By		Unexpended Balance Cancelled
	Budget	Budget After Modification	Paid or Charged	Reserved	
Operations Excluded from "CAPS":					
Maintenance of Free Public Library	\$ 2,893,519.00	\$ 2,893,519.00	\$ 2,861,706.00	\$ 31,813.00	
LOSAP:					
Other Expenses	75,000.00	75,000.00		75,000.00	
Shared Service Agreements:					
Shared Services Agreement - Health Office	71,794.00	71,794.00	71,793.72	0.28	
Public and Private Programs Offset by Revenues:					
Recycling Tonnage Grant	158,289.38	158,289.38	158,289.38		
Clean Communities Grant	103,698.19	103,698.19	103,698.19		
Highway Safety Fund - Safe Corridors (N.J.S.A. 40A:4-87 + \$1,861.70)		1,861.70	1,861.70		
Municipal Alliance Grant 2018-2019	28,143.00	28,143.00	28,143.00		
Municipal Alliance Grant - Match	7,036.00	7,036.00	7,036.00		
Municipal Alliance Grant 2017-2018 Extension	2,000.00	2,000.00	2,000.00		
Municipal Alliance Grant 2017-2018 - Extension Match	1,000.00	1,000.00	1,000.00		
Click It or Ticket (N.J.S.A. 40A:4-87 + \$10,100.00)	5,500.00	5,500.00	5,500.00		
Distracted Driving Crackdown	6,600.00	6,600.00	6,600.00		
Alcohol Education Rehabilitation and Enforcement	5,261.23	5,261.23	5,261.23		
New Store Grant Community Relations - Charitable Trust Donation	3,000.00	3,000.00	3,000.00		
Traffic Safety Mini Grant	500.00	500.00	500.00		
Emergency Management Perform Grant	9,400.00	9,400.00	9,400.00		
Waste Water Treatment Homeland Security Grant					
(N.J.S.A. 40A:4-87 + \$150,000.00)		150,000.00	150,000.00		
Total Operations Excluded from "CAPS"	3,370,740.80	3,522,602.50	3,415,789.22	106,813.28	

TOWNSHIP OF PARSIPPANY-TROY HILLS
CURRENT FUND
STATEMENT OF EXPENDITURES - REGULATORY BASIS
YEAR ENDED DECEMBER 31, 2018
(Continued)

	Appropriations		Expended By		Unexpended Balance Cancelled
	Budget	Budget After Modification	Paid or Charged	Reserved	
Operations Excluded from "CAPS" (Continued):					
Detail:					
Other Expenses	\$ 3,370,740.80	\$ 3,522,602.50	\$ 3,415,789.22	\$ 106,813.28	
Capital Improvements Excluded from "CAPS":					
Capital Improvement Fund	626,153.00	626,153.00	626,153.00		
Total Capital Improvements Excluded from "CAPS"	626,153.00	626,153.00	626,153.00		
Municipal Debt Service Excluded from "CAPS":					
Payment of Bond Principal	6,702,000.00	6,702,000.00	6,702,000.00		
Interest on Bonds	1,887,039.00	1,887,039.00	1,887,039.00		
Interest on Notes	32,961.00	32,961.00	32,961.00		
Total Municipal Debt Service Excluded from "CAPS"	8,622,000.00	8,622,000.00	8,622,000.00		
Deferred Charges - Municipal - Excluded from "CAPS"					
Emergency Authorizations:	520,000.00	520,000.00	520,000.00		
Special Emergency Authorizations - 5 Years (N.J.S.A.40A:4-55):					
Retirement Payout 2015	272,717.00	272,717.00	272,717.00		
Retirement Payout 2016	121,591.00	121,591.00	121,591.00		
Retirement Payout 2017	80,389.00	80,389.00	80,389.00		
Total Deferred Charges - Municipal - Excluded from "CAPS"	994,697.00	994,697.00	994,697.00		
Total General Appropriations for Municipal Purposes Excluded from "CAPS"	13,613,590.80	13,765,452.50	13,658,639.22	106,813.28	

TOWNSHIP OF PARSIPPANY-TROY HILLS
CURRENT FUND
STATEMENT OF EXPENDITURES - REGULATORY BASIS
YEAR ENDED DECEMBER 31, 2018
(Continued)

	Appropriations		Expended By		Unexpended Balance Cancelled
	Budget	Budget After Modification	Paid or Charged	Reserved	
Subtotal General Appropriations	\$ 70,187,606.80	\$ 71,091,600.69	\$ 68,879,375.60	\$ 2,212,225.09	
Reserve for Uncollected Taxes	1,734,000.00	1,734,000.00	1,734,000.00		
Total General Appropriations	\$ 71,921,606.80	\$ 72,825,600.69	\$ 70,613,375.60	\$ 2,212,225.09	\$ -0-

Ref.

A

TOWNSHIP OF PARSIPPANY-TROY HILLS
CURRENT FUND
STATEMENT OF EXPENDITURES - REGULATORY BASIS
YEAR ENDED DECEMBER 31, 2018
(Continued)

		Analysis of	
	<u>Ref.</u>	Budget After Modification	Paid or Charged
Adopted Budget		\$ 71,921,606.80	
Special Emergency Authorization (40A:4-53)		752,132.19	
Added by NJSA 40A:4-87		151,861.70	
		\$ 72,825,600.69	
Cash Disbursed			\$ 66,725,392.14
Due to Federal and State Grant Fund			482,289.50
Deferred Charges			994,697.00
Encumbrances	A		1,263,169.74
Reserve for Uncollected Taxes			1,734,000.00
			71,199,548.38
Less: Refunds			586,172.78
			\$ 70,613,375.60

THE ACCOMPANYING NOTES TO FINANCIAL STATEMENTS
ARE AN INTEGRAL PART OF THIS STATEMENT

TOWNSHIP OF PARSIPPANY-TROY HILLS
COUNTY OF MORRIS
2018
TRUST FUNDS

TOWNSHIP OF PARSIPPANY-TROY HILLS
TRUST FUNDS
COMPARATIVE BALANCE SHEET - REGULATORY BASIS

	Ref.	December 31,	
		2018	2017
<u>ASSETS</u>			
Animal Control Fund:			
Cash and Cash Equivalents	B-4	\$ 75,116.66	\$ 107,982.52
Change Fund		50.00	50.00
Due from Current Fund	A	2.00	
		<u>75,168.66</u>	<u>108,032.52</u>
Other Trust Funds:			
Cash and Cash Equivalents	B-4	22,048,571.98	19,811,502.92
Assets in the Hands of Plan Administrator:			
Workers' Compensation Plan		106,450.87	87,757.14
Due from Municipal Court		1,553.50	2,302.00
Due from Golf and Recreation Utility Operating Fund	F	3,890.85	
Off Duty Police Receivable		65,117.00	75,939.00
Federal Grants Receivable		397,707.53	455,059.93
		<u>22,623,291.73</u>	<u>20,432,560.99</u>
<u>TOTAL ASSETS</u>		<u>\$ 22,698,460.39</u>	<u>\$ 20,540,593.51</u>
<u>LIABILITIES, RESERVES AND FUND BALANCE</u>			
Animal Control Fund:			
Reserve for Animal Control Expenditures	B-5	\$ 48,376.08	\$ 58,851.40
Reserve for Donations		26,601.58	23,382.98
Due to State of NJ		191.00	45.60
Due to Current Fund	A		25,752.54
		<u>75,168.66</u>	<u>108,032.52</u>
General Trust Funds:			
Due to Current Fund	A	667,988.03	258,433.42
Due to Federal and State Grant Fund	A		55,612.00
Due to Golf and Recreation Utility Operating Fund	F		31,610.70
Due to General Capital	C	235,000.00	
Reserve for:			
Special Deposits		9,327,379.47	7,760,434.26
Premiums on Tax Sale		736,800.00	816,424.00
Security Deposits		17,096.08	17,067.49
Off Duty Police		50,533.75	35,092.50
Municipal Open Space Preservation Trust Fund		6,225,295.30	6,027,708.97
Workers' Compensation - Self Insurance Fund - Municipal		435,372.95	680,866.11
Workers' Compensation - Self Insurance Fund - Contractor		106,450.87	87,757.14
Police Explorer Program		5,547.49	12,972.74
LOSAP		156,938.80	
Employee Health Benefit Self Insurance Fund - Municipal		2,669,351.27	2,459,656.45
Employee Health Benefit Self Insurance Fund - Contractor		2,012.49	386,031.19
State Unemployment Insurance Fund		526,643.77	307,834.09
Storm Recovery		400,000.00	400,000.00
Accumulated Sick and Vacation Compensation		640,000.00	640,000.00
Grant Trust Fund Expenditures		420,881.46	455,059.93
		<u>22,623,291.73</u>	<u>20,432,560.99</u>
<u>TOTAL LIABILITIES, RESERVES AND FUND BALANCE</u>		<u>\$ 22,698,460.39</u>	<u>\$ 20,540,593.51</u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
ASSESSMENT TRUST FUND
STATEMENT OF FUND BALANCE - REGULATORY BASIS
YEAR ENDED DECEMBER 31, 2018

NOT APPLICABLE

THE ACCOMPANYING NOTES TO FINANCIAL STATEMENTS
ARE AN INTEGRAL PART OF THIS STATEMENT

TOWNSHIP OF PARSIPPANY-TROY HILLS
ASSESSMENT TRUST FUND
STATEMENT OF REVENUE - REGULATORY BASIS
YEAR ENDED DECEMBER 31, 2018

NOT APPLICABLE

ASSESSMENT TRUST FUND
STATEMENT OF EXPENDITURES - REGULATORY BASIS
YEAR ENDED DECEMBER 31, 2018

NOT APPLICABLE

THE ACCOMPANYING NOTES TO FINANCIAL STATEMENTS
ARE AN INTEGRAL PART OF THIS STATEMENT

TOWNSHIP OF PARSIPPANY-TROY HILLS
COUNTY OF MORRIS
2018
GENERAL CAPITAL FUND

TOWNSHIP OF PARSIPPANY-TROY HILLS
GENERAL CAPITAL FUND
COMPARATIVE BALANCE SHEET - REGULATORY BASIS

	Ref.	December 31,	
		2018	2017
<u>ASSETS</u>			
Cash and Cash Equivalents	C-2	\$ 11,915,880.25	\$ 671,612.05
Due from Current Fund	A	280,725.00	
Due from Open Space Trust Fund	B	235,000.00	
Grants Receivable:			
Federal Emergency Management Agency			2,123,079.60
New Jersey Department of Transportation		2,176.35	247,176.35
County of Morris Open Space			1,356,062.25
Deferred Charges to Future Taxation:			
Funded		58,730,000.00	65,432,000.00
Unfunded	C-4	44,806,084.69	29,245,020.69
<u>TOTAL ASSETS</u>		<u>\$ 115,969,866.29</u>	<u>\$ 99,074,950.94</u>
 <u>LIABILITIES, RESERVES AND FUND BALANCE</u>			
Serial Bonds Payable	C-8	\$ 49,210,000.00	\$ 54,727,000.00
Refunding Bonds Payable	C-8A	9,520,000.00	10,705,000.00
Bond Anticipation Notes Payable	C-7	23,500,000.00	
Improvement Authorizations:			
Funded	C-5	985,206.07	5,964,590.03
Unfunded	C-5	30,478,756.59	25,500,414.54
Reserve for:			
Deposit for Regional Contribution Agreement		261,420.19	261,420.19
Developer Contributions		79,652.68	79,652.68
Payment of Debt Service		1,423,598.62	1,575,593.62
Emergency Preparedness		122,442.50	122,442.50
Capital Improvement Fund	C-6	73,158.00	31,008.00
Fund Balance	C-1	315,631.64	107,829.38
<u>TOTAL LIABILITIES, RESERVES AND FUND BALANCE</u>		<u>\$ 115,969,866.29</u>	<u>\$ 99,074,950.94</u>

THE ACCOMPANYING NOTES TO FINANCIAL STATEMENTS
ARE AN INTEGRAL PART OF THIS STATEMENT

TOWNSHIP OF PARSIPPANY-TROY HILLS
GENERAL CAPITAL FUND
STATEMENT OF FUND BALANCE - REGULATORY BASIS

	<u>Ref.</u>	
Balance December 31, 2017	C	\$ 107,829.38
Increased by:		
Improvement Authorizations Canceled		307,802.26
		<u>415,631.64</u>
Decreased by:		
Utilized as Anticipated Revenue in the Current Fund		100,000.00
		<u>100,000.00</u>
Balance December 31, 2018	C	<u>\$ 315,631.64</u>

THE ACCOMPANYING NOTES TO FINANCIAL STATEMENTS
ARE AN INTEGRAL PART OF THIS STATEMENT

TOWNSHIP OF PARSIPPANY-TROY HILLS
COUNTY OF MORRIS
2018
WATER UTILITY FUND

TOWNSHIP OF PARSIPPANY-TROY HILLS
WATER UTILITY FUND
COMPARATIVE BALANCE SHEET - REGULATORY BASIS

	Ref.	December 31,	
		2018	2017
<u>ASSETS</u>			
Operating Fund:			
Cash and Cash Equivalents	D-4	\$ 5,711,790.26	\$ 6,752,863.43
Due from Current Fund	A	43.26	2,841.32
Due from Water Utility Capital Fund	D		12,867.51
Receivables and Inventory with Full Reserves:			
Consumer Accounts Receivable	D-6	211,765.44	199,377.62
Water Utility Liens Receivable	D-6A	252.57	252.57
Inventory	D-6B	166,305.00	144,435.00
Total Receivables and Inventory with Full Reserves		378,323.01	344,065.19
Total Operating Fund		6,090,156.53	7,112,637.45
Capital Fund:			
Cash and Cash Equivalents	D-4	4,835,977.35	3,213,648.32
Fixed Capital	D-7	36,578,448.10	36,578,448.10
Fixed Capital Authorized and Uncompleted	D-8	9,495,000.00	6,570,000.00
Total Capital Fund		50,909,425.45	46,362,096.42
<u>TOTAL ASSETS</u>		\$ 56,999,581.98	\$ 53,474,733.87

TOWNSHIP OF PARSIPPANY-TROY HILLS
WATER UTILITY FUND
COMPARATIVE BALANCE SHEET - REGULATORY BASIS
(Continued)

	Ref.	December 31,	
		2018	2017
<u>LIABILITIES, RESERVES AND FUND BALANCE</u>			
Operating Fund:			
Liabilities:			
Appropriation Reserves:			
Encumbered	D-3;D-9	\$ 254,063.64	\$ 168,132.76
Unencumbered	D-3;D-9	409,950.31	199,513.54
		<u>664,013.95</u>	<u>367,646.30</u>
Reserve for Water Master Plan		24,250.03	24,250.03
Accrued Interest on Bonds		44,826.04	50,054.86
Accrued Interest on Loans		1,104.17	1,416.67
Accrued Interest on Notes		10,381.94	
Water Rent Overpayments		27,634.16	23,947.45
		<u>772,210.29</u>	<u>467,315.31</u>
Reserve for Receivables and Inventory	D	378,323.01	344,065.19
Fund Balance	D-1	4,939,623.23	6,301,256.95
		<u>6,090,156.53</u>	<u>7,112,637.45</u>
Total Operating Fund			
Capital Fund:			
Bond Anticipation Notes Payable	D-13	2,500,000.00	
Serial Bonds Payable	D-14	5,890,000.00	6,569,000.00
Refunding Bonds Payable	D-14A	70,000.00	105,000.00
N.J. Environmental Infrastructure Loans Payable	D-15	93,974.08	120,827.30
Improvement Authorizations:			
Funded	D-10	1,708,744.98	2,604,251.61
Unfunded	D-10	2,725,000.00	61.00
Capital Improvement Fund	D-11	314,498.22	314,498.22
Due to Water Utility Operating Fund	D		12,867.51
Reserve for:			
Debt Service		192,749.21	192,749.21
Amortization	D-12	35,919,413.02	34,392,819.80
Deferred Amortization	D-12A	1,375,000.00	1,960,740.00
Preliminary Expense		30,764.17	
Fund Balance	D-1a	89,281.77	89,281.77
		<u>50,909,425.45</u>	<u>46,362,096.42</u>
Total Capital Fund			
<u>TOTAL LIABILITIES, RESERVES AND FUND BALANCE</u>		<u>\$ 56,999,581.98</u>	<u>\$ 53,474,733.87</u>

THE ACCOMPANYING NOTES TO FINANCIAL STATEMENTS
ARE AN INTEGRAL PART OF THIS STATEMENT

TOWNSHIP OF PARSIPPANY-TROY HILLS
WATER UTILITY OPERATING FUND
COMPARATIVE STATEMENT OF OPERATIONS AND
CHANGE IN FUND BALANCE - REGULATORY BASIS

	Ref.	Year Ended December 31,	
		2018	2017
<u>Revenue and Other Income Realized</u>			
Fund Balance Utilized	\$	900,000.00	\$ 700,000.00
Rents		8,007,043.70	8,316,772.55
Interest on Investments		40,897.34	41,591.34
Miscellaneous Revenue		62,981.64	66,507.74
Other Credits to Income:			
Unexpended Balance of Appropriation Reserves		59,471.60	164,602.59
		<u>9,070,394.28</u>	<u>9,289,474.22</u>
<u>Expenditures</u>			
Budget Expenditures:			
Operating		7,315,028.00	6,711,681.00
Capital Improvements		265,000.00	
Debt Service		922,710.10	1,126,740.39
Statutory Expenditures		374,289.90	364,860.00
		<u>8,877,028.00</u>	<u>8,203,281.39</u>
Excess in Revenue		193,366.28	1,086,192.83
<u>Fund Balance</u>			
Balance January 1		6,301,256.95	6,615,064.12
		<u>6,494,623.23</u>	<u>7,701,256.95</u>
Decreased by:			
Utilized as Anticipated Revenue		900,000.00	700,000.00
Prior Year Fund Balance Appropriated as Revenue - Current Fund		655,000.00	700,000.00
		<u>655,000.00</u>	<u>700,000.00</u>
Balance December 31	D	<u>\$ 4,939,623.23</u>	<u>\$ 6,301,256.95</u>

THE ACCOMPANYING NOTES TO FINANCIAL STATEMENTS
ARE AN INTEGRAL PART OF THIS STATEMENT

TOWNSHIP OF PARSIPPANY-TROY HILLS
WATER UTILITY CAPITAL FUND
STATEMENT OF FUND BALANCE - REGULATORY BASIS

	<u>Ref.</u>	
Balance December 31, 2017	D	\$ 89,281.77
Balance December 31, 2018	D	\$ 89,281.77

D-2

WATER UTILITY OPERATING FUND
STATEMENT OF REVENUE - REGULATORY BASIS
YEAR ENDED DECEMBER 31, 2018

	<u>Anticipated</u>	<u>Realized</u>	<u>Excess</u>
Operating Fund Balance Anticipated	\$ 900,000.00	\$ 900,000.00	
Water Rents	7,952,028.00	8,007,043.70	\$ 55,015.70
Interest on Investments	25,000.00	40,897.34	15,897.34
	<u>8,877,028.00</u>	<u>8,947,941.04</u>	<u>70,913.04</u>
Nonbudget Revenue		62,981.64	62,981.64
	<u>\$ 8,877,028.00</u>	<u>\$ 9,010,922.68</u>	<u>\$ 133,894.68</u>

Analysis of Water Rents

Cash Received	\$ 7,983,096.25	
Overpayments Applied	23,947.45	
	<u>\$ 8,007,043.70</u>	

Analysis of Miscellaneous Revenue

Interest on Water Rents	\$ 20,228.78	
Final Fee	20,490.78	
Off/On Fee	11,681.41	
Emergency Call Out Fee	5,393.90	
Return Check Fee	199.14	
Tap Fee	3,140.00	
Hydrant Permit Fee	215.00	
Other	1,632.63	
	<u>\$ 62,981.64</u>	

THE ACCOMPANYING NOTES TO FINANCIAL STATEMENTS
ARE AN INTEGRAL PART OF THIS STATEMENT

TOWNSHIP OF PARSIPPANY-TROY HILLS
WATER UTILITY OPERATING FUND
STATEMENT OF EXPENDITURES - REGULATORY BASIS
YEAR ENDED DECEMBER 31, 2018

	Appropriations		Expended by		Unexpended Balance Canceled
	Budget	Budget After Modification	Paid or Charged	Reserved	
Operating:					
Salaries and Wages	\$ 2,393,961.00	\$ 2,393,961.00	\$ 2,392,835.85	\$ 1,125.15	
Other Expenses	4,921,067.00	4,931,448.94	4,569,583.01	361,865.93	
Capital Improvements:					
Capital Improvement Fund	265,000.00	265,000.00	265,000.00		
Debt Service:					
Payment of Bond Principal	714,000.00	714,000.00	714,000.00		
Interest on Bonds	168,315.00	169,758.74	169,758.74		
Environmental Infrastructure Loan	30,685.00	28,569.42	28,569.42		
Statutory Expenditures:					
Contribution to:					
Public Employees' Retirement System	196,983.00	196,983.00	196,982.61	0.39	
Social Security (O.A.S.I.)	187,017.00	177,306.90	130,348.06	46,958.84	
	<u>\$ 8,877,028.00</u>	<u>\$ 8,877,028.00</u>	<u>\$ 8,467,077.69</u>	<u>\$ 409,950.31</u>	<u>\$ -0-</u>

Ref.

<u>Analysis of Paid or Charged</u>	D
Cash Disbursed	\$ 8,038,096.34
Encumbrances Payable	254,063.64
Accrued Interest on Bonds	169,758.74
Accrued Interest on Loans	1,716.20
Accrued Interest on Notes	10,381.94
	<u>8,474,016.86</u>
Less: Refunds	<u>6,939.17</u>
	<u>\$ 8,467,077.69</u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
COUNTY OF MORRIS
2018
SEWER UTILITY FUND

TOWNSHIP OF PARSIPPANY-TROY HILLS
SEWER UTILITY FUND
COMPARATIVE BALANCE SHEET - REGULATORY BASIS

	Ref.	December 31,	
		2018	2017
<u>ASSETS</u>			
Operating Fund:			
Cash and Cash Equivalents		\$ 7,027,614.71	\$ 7,911,055.77
Investments		3,060,149.92	3,000,000.00
	E-4	10,087,764.63	10,911,055.77
Due from Current Fund	A		5,772.29
		10,087,764.63	10,916,828.06
Receivables and Inventory With Full Reserves:			
Consumer Accounts Receivable	E-6	1,629,659.57	1,376,550.84
Sewer Utility Liens Receivable	E-6A	721.81	721.81
Inventory	E-6B	81,831.00	77,549.00
Total Receivables and Inventory with Full Reserves		1,712,212.38	1,454,821.65
Deferred Charges:			
Emergency Authorization (40A:4-46)			666,250.00
Total Deferred Charges			666,250.00
Total Operating Fund		11,799,977.01	13,037,899.71
Capital Fund:			
Cash and Cash Equivalents	E-4	11,240,720.37	10,965,855.63
Due from Sewer Utility Operating Fund	E		300,000.00
Fixed Capital	E-7	140,340,056.25	140,340,056.25
Fixed Capital Authorized and Uncompleted	E-8	51,216,000.00	46,201,000.00
Total Capital Fund		202,796,776.62	197,806,911.88
TOTAL ASSETS		\$ 214,596,753.63	\$ 210,844,811.59

TOWNSHIP OF PARSIPPANY-TROY HILLS
SEWER UTILITY FUND
COMPARATIVE BALANCE SHEET - REGULATORY BASIS
(Continued)

	Ref.	December 31	
		2018	2017
<u>LIABILITIES, RESERVES AND FUND BALANCE</u>			
Operating Fund:			
Appropriation Reserves:			
Encumbered	E-3;E-9	\$ 573,903.43	\$ 191,146.10
Unencumbered	E-3;E-9	1,410,742.53	1,061,585.63
		<u>1,984,645.96</u>	<u>1,252,731.73</u>
Accrued Interest on Loans		65,534.51	72,579.98
Accrued Interest on Bonds		65,581.25	70,122.92
Accrued Interest on Notes		18,687.50	
Sewer Rent Overpayments		31,737.29	34,979.40
Prepaid Sewer Rents		28,934.89	2,180.54
Due to Current Fund	A	237.85	
Due to Sewer Utility Capital Fund	E		300,000.00
		<u>2,195,359.25</u>	<u>1,732,594.57</u>
Reserve for Receivables and Inventory	E	1,712,212.38	1,454,821.65
Fund Balance	E-1	<u>7,892,405.38</u>	<u>9,850,483.49</u>
Total Operating Fund		<u>11,799,977.01</u>	<u>13,037,899.71</u>
Capital Fund:			
Bond Anticipation Notes Payable	E-13	4,500,000.00	
Serial Bonds Payable	E-14	8,710,000.00	9,532,000.00
Refunding Bonds Payable	E-14A	215,000.00	315,000.00
NJ Environmental Infrastructure Trust Loans Payable #1	E-15	101,551.70	110,305.95
NJ Environmental Infrastructure Trust Loans Payable #2	E-15A	11,390,448.63	12,397,730.48
Improvement Authorizations:			
Funded	E-10	7,602,447.08	10,454,283.55
Unfunded	E-10	9,207,938.21	6,081,237.00
Capital Improvement Fund	E-11	466,000.00	466,000.00
Reserve for:			
Amortization	E-12	138,885,916.94	137,963,916.94
Deferred Amortization	E-12a	21,655,238.17	20,124,202.07
Fund Balance	E-1a	<u>62,235.89</u>	<u>362,235.89</u>
Total Capital Fund		<u>202,796,776.62</u>	<u>197,806,911.88</u>
TOTAL LIABILITIES, RESERVES AND FUND BALANCE		<u>\$ 214,596,753.63</u>	<u>\$ 210,844,811.59</u>

THE ACCOMPANYING NOTES TO FINANCIAL STATEMENTS
ARE AN INTEGRAL PART OF THIS STATEMENT

TOWNSHIP OF PARSIPPANY-TROY HILLS
SEWER UTILITY OPERATING FUND
COMPARATIVE STATEMENT OF OPERATIONS AND CHANGE IN
OPERATING FUND BALANCE - REGULATORY BASIS

	Ref.	Year Ended December 31	
		2018	2017
<u>Revenue and Other Income Realized</u>			
Fund Balance Utilized		\$ 1,500,000.00	\$ 1,000,000.00
Sewer and Other Rents		14,592,252.29	14,867,032.71
Septage Removal		678,106.61	857,944.16
Interest on Investments		210,948.45	124,071.18
Sewer Utility Capital Fund Balance		300,000.00	
Nonbudget Revenue		736,266.42	855,161.35
Other Credits to Income:			
Unexpended Balance of Appropriation Reserves		767,331.11	1,345,468.30
Total Income		<u>18,784,904.88</u>	<u>19,049,677.70</u>
<u>Expenditures</u>			
Budget Expenditures:			
Operating		12,748,851.00	12,106,306.00
Capital Improvements		515,000.00	300,000.00
Debt Service		2,378,853.81	2,777,332.60
Deferred Charges and Statutory Expenditures		1,300,278.18	605,264.00
Total Expenditures		<u>16,942,982.99</u>	<u>15,788,902.60</u>
Excess in Revenue		1,841,921.89	3,260,775.10
Adjustments to Excess Before Fund Balance:			
Expenditures included above which are by Statute			
Deferred Charges to Budget of Succeeding Year			290,000.00
Statutory Excess to Fund Balance		1,841,921.89	3,550,775.10
<u>Fund Balance</u>			
Balance January 1		9,850,483.49	9,799,708.39
		<u>11,692,405.38</u>	<u>13,350,483.49</u>
Decreased by:			
Utilization as Anticipated Revenue		1,500,000.00	1,000,000.00
Prior Year Fund Balance Appropriated as Revenue -			
Current Fund		2,300,000.00	2,500,000.00
Balance December 31	E	<u>\$ 7,892,405.38</u>	<u>\$ 9,850,483.49</u>

THE ACCOMPANYING NOTES TO FINANCIAL STATEMENTS
ARE AN INTEGRAL PART OF THIS STATEMENT

TOWNSHIP OF PARSIPPANY-TROY HILLS
SEWER UTILITY CAPITAL FUND
STATEMENT OF FUND BALANCE - REGULATORY BASIS

	<u>Ref.</u>	
Balance December 31, 2017	E	\$ 362,235.89
Decreased by:		
Utilized as Anticipated Revenue in Sewer Utility Operating Fund		300,000.00
Balance December 31, 2018	E	\$ 62,235.89

E-2

SEWER UTILITY OPERATING FUND
STATEMENT OF REVENUE - REGULATORY BASIS
YEAR ENDED DECEMBER 31, 2018

	<u>Anticipated</u>	<u>Realized</u>	<u>Excess Deficit *</u>
Operating Fund Balance Anticipated	\$ 1,500,000.00	\$ 1,500,000.00	
Sewer Rents	14,220,851.00	14,592,252.29	\$ 371,401.29
Interest on Investments	75,000.00	210,948.45	135,948.45
Septage Removal	700,000.00	678,106.61	21,893.39 *
Other Rents	148,000.00		148,000.00 *
Sewer Capital Fund Balance	300,000.00	300,000.00	
	16,943,851.00	17,281,307.35	337,456.35
Nonbudget Revenue		736,266.42	736,266.42
	\$ 16,943,851.00	\$ 18,017,573.77	\$ 1,073,722.77

Analysis of Sewer Rents:

Collections		\$ 14,555,092.35
Prepaid Sewer Rents Applied		2,180.54
Overpayments Applied		34,979.40
		\$ 14,592,252.29

Analysis of Miscellaneous Revenue:

Interest on Sewer Rents		\$ 35,029.77
Interest on Sludge Rents		3,658.82
Capacity/Connection Fees		700,488.41
		739,177.00
Less: Refunds		2,910.58
		\$ 736,266.42

THE ACCOMPANYING NOTES TO FINANCIAL STATEMENTS
ARE AN INTEGRAL PART OF THIS STATEMENT

TOWNSHIP OF PARSIPPANY-TROY HILLS
SEWER UTILITY OPERATING FUND
STATEMENT OF EXPENDITURES - REGULATORY BASIS
YEAR ENDED DECEMBER 31, 2018

	Appropriations		Expended by			Unexpended Balance Canceled
	Budget	Budget After Mod- ification	Paid or Charged	Reserved		
Operating:						
Salaries and Wages	\$ 3,846,871.00	\$ 3,846,871.00	\$ 3,677,351.58	\$ 169,519.42		
Other Expenses	8,901,980.00	8,920,667.50	7,775,003.02	1,145,664.48		
Capital Improvements:						
Capital Improvement Fund	515,000.00	515,000.00	515,000.00			
Debt Service:						
Payment of Bond Principal	922,000.00	922,000.00	922,000.00			
Interest on Bonds	256,263.00	256,263.00	255,394.99			
Environmental Infrastructure Loan	1,186,737.00	1,182,771.32	1,182,771.32			\$ 868.01
Deferred Charges and Statutory Expenditures:						
Deferred Charges:						
Emergency Authorizations	666,250.00	666,250.00	666,250.00			
Statutory Expenditures:						
Contribution to:						
Public Employees' Retirement System	328,304.00	328,304.00	328,304.00			
Social Security System (O.A.S.I.)	320,446.00	305,724.18	210,165.55	95,558.63		
	<u>\$ 16,943,851.00</u>	<u>\$ 16,943,851.00</u>	<u>\$ 15,532,240.46</u>	<u>\$ 1,410,742.53</u>		<u>\$ 868.01</u>

Ref.

E

TOWNSHIP OF PARSIPPANY-TROY HILLS
SEWER UTILITY OPERATING FUND
STATEMENT OF EXPENDITURES - REGULATORY BASIS
YEAR ENDED DECEMBER 31, 2018
(Continued)

		Analysis of	
	Ref.	Budget After Modification	Paid or Charged
Adopted Budget		\$ 16,943,851.00	
Cash Disbursed			\$ 13,848,521.50
Deferred Charges			666,250.00
Encumbered	E		573,903.43
Accrued Interest on Bonds			255,394.99
Accrued Interest on Notes			18,687.50
Accrued Interest on Loans			173,576.49
			15,536,333.91
Less: Refunds			4,093.45
			\$ 15,532,240.46

THE ACCOMPANYING NOTES TO THE FINANCIAL STATEMENTS
ARE AN INTEGRAL PART OF THIS STATEMENT

TOWNSHIP OF PARSIPPANY-TROY HILLS
COUNTY OF MORRIS
2018
GOLF AND RECREATION UTILITY FUND

TOWNSHIP OF PARSIPPANY-TROY HILLS
GOLF AND RECREATION UTILITY FUND
COMPARATIVE BALANCE SHEET - REGULATORY BASIS

	Ref.	December 31,	
		2018	2017
<u>ASSETS</u>			
Operating Fund:			
Cash and Cash Equivalents	F-4	\$ 1,934,440.44	\$ 1,781,396.47
Change Funds		1,800.00	1,800.00
		<u>1,936,240.44</u>	<u>1,783,196.47</u>
Due from Other Trust Funds - Open Space	B		31,610.70
Security Deposit Receivable from Concession Clubhouse		50,000.00	
		<u>1,986,240.44</u>	<u>1,814,807.17</u>
Receivables and Inventory With Full Reserves:			
Consumer Accounts Receivable	F-6	51,915.88	56,370.18
Inventory	F-6a	60,265.20	48,465.22
Total Receivables and Inventory With Full Receivables		<u>112,181.08</u>	<u>104,835.40</u>
Total Operating Fund		<u>2,098,421.52</u>	<u>1,919,642.57</u>
Capital Fund:			
Cash and Cash Equivalents	F-4	5,311,149.38	5,647,216.73
Fixed Capital	F-7	25,413,276.61	25,413,276.61
Fixed Capital Authorized and Uncompleted	F-8	7,131,437.00	6,878,437.00
Total Capital Fund		<u>37,855,862.99</u>	<u>37,938,930.34</u>
<u>TOTAL ASSETS</u>		<u>\$ 39,954,284.51</u>	<u>\$ 39,858,572.91</u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
GOLF AND RECREATION UTILITY FUND
COMPARATIVE BALANCE SHEET - REGULATORY BASIS
(Continued)

	Ref.	December 31,	
		2018	2017
<u>LIABILITIES, RESERVES AND FUND BALANCES</u>			
Operating Fund:			
Liabilities:			
Appropriation Reserves:			
Encumbered	F-3;F-9	\$ 32,416.53	\$ 22,169.82
Unencumbered	F-3;F-9	525,801.57	171,381.15
		<u>558,218.10</u>	<u>193,550.97</u>
Sales Tax Payable		264.00	213.96
Accrued Interest on Bonds		50,852.08	54,569.45
Membership Overpayments			4,985.27
Prepaid Revenue		5,000.00	
Due to Other Trust Funds - Open Space	B	3,890.85	
		<u>618,225.03</u>	<u>253,319.65</u>
Reserve for Receivables and Inventory	F	112,181.08	104,835.40
Fund Balance	F-1	1,368,015.41	1,561,487.52
		<u>2,098,421.52</u>	<u>1,919,642.57</u>
Total Operating Fund			
Capital Fund:			
Serial Bonds Payable	F-14	6,825,000.00	7,458,000.00
Improvement Authorizations:			
Funded	F-10	2,870,130.98	5,428,552.98
Unfunded	F-10	75,947.65	593.00
Capital Improvement Fund	F-11	161,593.05	161,593.05
Reserve for:			
Preliminary Expenses - Miniature Golf Recreation Facility		12,000.00	12,000.00
Payment of Debt Service		2,400,000.00	
Amortization	F-12	25,207,351.61	24,574,351.61
Deferred Amortization	F-12a	258,769.00	258,769.00
Fund Balance	F-1a	45,070.70	45,070.70
		<u>37,855,862.99</u>	<u>37,938,930.34</u>
Total Capital Fund			
<u>TOTAL LIABILITIES, RESERVES AND FUND BALANCES</u>		<u>\$ 39,954,284.51</u>	<u>\$ 39,858,572.91</u>

THE ACCOMPANYING NOTES TO FINANCIAL STATEMENTS
ARE AN INTEGRAL PART OF THIS STATEMENT

TOWNSHIP OF PARSIPPANY-TROY HILLS
GOLF AND RECREATION UTILITY OPERATING FUND
COMPARATIVE STATEMENT OF OPERATIONS AND
CHANGE IN FUND BALANCE - REGULATORY BASIS

	Ref.	Year Ended December 31,	
		2018	2017
<u>Revenue and Other Income Realized</u>			
Fund Balance Anticipated		\$ 820,000.00	\$ 200,000.00
Golf Fees		2,726,093.79	2,934,449.43
Concession Fees		360,000.00	410,000.00
Interest on Investments		48,818.42	24,829.80
Miscellaneous Revenue		27,016.08	22,812.97
Other Credits to Income:			
Unexpended Balance of Appropriation Reserves		125,895.60	141,715.40
		<u>4,107,823.89</u>	<u>3,733,807.60</u>
<u>Expenditures</u>			
Budget Expenditures:			
Operating		3,315,296.00	3,040,035.00
Deferred Charges and Statutory Expenditures		166,000.00	181,555.00
		<u>3,481,296.00</u>	<u>3,221,590.00</u>
Excess in Revenue/Statutory Excess to Fund Balance		626,527.89	512,217.60
<u>Fund Balance</u>			
Balance January 1		1,561,487.52	1,249,269.92
		2,188,015.41	1,761,487.52
Decreased by:			
Utilized as Anticipated Revenue		820,000.00	200,000.00
Balance December 31	F	<u>\$ 1,368,015.41</u>	<u>\$ 1,561,487.52</u>

THE ACCOMPANYING NOTES TO FINANCIAL STATEMENTS
ARE AN INTEGRAL PART OF THIS STATEMENT

TOWNSHIP OF PARSIPPANY-TROY HILLS
GOLF AND RECREATION UTILITY CAPITAL FUND
STATEMENT OF FUND BALANCE - REGULATORY BASIS

	<u>Ref.</u>	
Balance December 31, 2017	F	\$ 45,070.70
Balance December 31, 2018	F	\$ 45,070.70

GOLF AND RECREATION UTILITY CAPITAL FUND
STATEMENT OF REVENUE - REGULATORY BASIS
YEAR ENDED DECEMBER 31, 2018

	<u>Anticipated</u>	<u>Realized</u>	<u>Excess</u>
Operating Fund Balance Anticipated	\$ 820,000.00	\$ 820,000.00	
Golf Fees	2,835,296.00	2,726,093.79	\$ 109,202.21
Concession Fees	360,000.00	360,000.00	
Interest on Investments	16,000.00	48,818.42	32,818.42
	<u>4,031,296.00</u>	<u>3,954,912.21</u>	<u>76,383.79</u>
Nonbudget Revenue		27,016.08	27,016.08
	<u>\$ 4,031,296.00</u>	<u>\$ 3,981,928.29</u>	<u>\$ 49,367.71</u>

Analysis of Golf Fees

Collections - Golf Fees	\$ 2,721,108.52
Membership Overpayments Applied	4,985.27
	<u>\$ 2,726,093.79</u>

Analysis of Nonbudget Revenue

Utilities - Concessions	\$ 19,728.39
Other	7,287.69
	<u>\$ 27,016.08</u>

THE ACCOMPANYING NOTES TO FINANCIAL STATEMENTS
ARE AN INTEGRAL PART OF THIS STATEMENT

TOWNSHIP OF PARSIPPANY-TROY HILLS
GOLF AND RECREATION UTILITY OPERATING FUND
STATEMENT OF EXPENDITURES - REGULATORY BASIS
YEAR ENDED DECEMBER 31, 2018

	Appropriations		Expended by		Unexpended Balance Cancelled
	Budget	Budget After Modification	Paid or Charged	Reserved	
Operating:					
Salaries and Wages	\$ 1,561,177.00	\$ 1,561,177.00	\$ 1,411,918.65	\$ 49,258.35	\$ 100,000.00
Other Expenses	2,304,119.00	2,304,119.00	1,387,820.91	466,298.09	450,000.00
Statutory Expenditures:					
Contribution to:					
Public Employees' Retirement System	65,661.00	65,661.00	65,660.87	0.13	
Social Security (O.A.S.I.)	100,339.00	100,339.00	90,094.00	10,245.00	
	<u>\$ 4,031,296.00</u>	<u>\$ 4,031,296.00</u>	<u>\$ 2,955,494.43</u>	<u>\$ 525,801.57</u>	<u>\$ 550,000.00</u>
<u>Analysis of Paid or Charged</u>					
Cash Disbursed			\$ 2,923,077.90		
Encumbrances Payable			<u>32,416.53</u>		
			<u>\$ 2,955,494.43</u>		

Ref.

F

THE ACCOMPANYING NOTES TO FINANCIAL STATEMENTS ARE AN INTEGRAL PART OF THIS STATEMENT

TOWNSHIP OF PARSIPPANY-TROY HILLS
COUNTY OF MORRIS
2018
PUBLIC ASSISTANCE FUND

TOWNSHIP OF PARSIPPANY-TROY HILLS
PUBLIC ASSISTANCE FUND
COMPARATIVE BALANCE SHEET - REGULATORY BASIS

		December 31,	
<u>ASSETS</u>	<u>Ref.</u>	2018	2017
Cash and Cash Equivalents	G-1	\$ 89,159.10	\$ 84,246.04
<u>TOTAL ASSETS</u>		<u>\$ 89,159.10</u>	<u>\$ 84,246.04</u>
<u>LIABILITIES, RESERVES AND FUND BALANCE</u>			
Reserve for Public Assistance		89,159.10	84,246.04
<u>TOTAL LIABILITIES, RESERVES AND FUND BALANCE</u>		<u>\$ 89,159.10</u>	<u>\$ 84,246.04</u>

THE ACCOMPANYING NOTES TO FINANCIAL STATEMENTS
ARE AN INTEGRAL PART OF THIS STATEMENT

TOWNSHIP OF PARSIPPANY-TROY HILLS
COUNTY OF MORRIS
2018
GENERAL FIXED ASSETS ACCOUNT GROUP

TOWNSHIP OF PARSIPPANY-TROY HILLS
GENERAL FIXED ASSETS ACCOUNT GROUP
COMPARATIVE BALANCE SHEET - REGULATORY BASIS

	December 31,	
	2018	2017
<u>ASSETS</u>		
Land	\$ 113,382,397.00	\$ 113,767,957.00
Buildings	34,115,018.00	33,555,366.00
Furniture and Equipment	41,433.00	36,353.00
Vehicles and Road Equipment	22,469,710.00	24,313,586.00
Other Equipment	5,390,027.00	4,218,149.00
	<u>\$ 175,398,585.00</u>	<u>\$ 175,891,411.00</u>
 <u>RESERVE</u>		
Reserve for Fixed Assets	\$ 175,398,585.00	\$ 175,891,411.00
	<u>\$ 175,398,585.00</u>	<u>\$ 175,891,411.00</u>

THE ACCOMPANYING NOTES TO FINANCIAL STATEMENTS
ARE AN INTEGRAL PART OF THIS STATEMENT

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018

Note 1: Summary of Significant Accounting Policies

A. Reporting Entity

Except as noted below, the financial statements of the Township of Parsippany-Troy Hills include every board, body, officer or commission supported and maintained wholly or in part by funds appropriated by the Township of Parsippany-Troy Hills, as required by N.J.S. 40A:5-5. Accordingly, the financial statements of the Township of Parsippany-Troy Hills do not include the operations of the Municipal Library.

Governmental Accounting Standards Board ("GASB") Codification Section 2100, "Defining the Financial Reporting Entity" establishes standards to determine whether a governmental component unit should be included in the financial reporting entity. Component units are legally separate organizations for which the elected officials of the primary government are financially accountable. In addition, component units can be other organizations for which the nature and significance of their relationship with a primary government are such that exclusion would cause the reporting entity's financial statements to be misleading. The primary government is financially accountable if it appoints a voting majority of the organization's governing body and (1) it is able to impose its will on that organization or (2) there is a potential for the organization to provide specific financial benefits to, or impose specific financial burdens on, the primary government. A legally separate, tax-exempt organization should be reported as a component unit of a reporting entity if all of the following criteria are met: (1) The economic resources received or held by the separate organization are entirely or almost entirely for the direct benefit of the primary government, its component units, or its constituents. (2) The primary government, or its component units, is entitled to, or has the ability to otherwise access, a majority of the economic resources received or held by the separate organization. (3). The economic resources received or held by an individual organization that the specific primary government, or its component units, is entitled to, or has the ability to otherwise access, are significant to that primary government. As the financial reporting entity was established in accordance with New Jersey statutes, the requirements of GASB Codification Section 2100 were not followed and, accordingly, the reporting entity could be different from accounting principles generally accepted in the United States of America.

B. Description of Funds

The accounting policies of the Township of Parsippany-Troy Hills conform to the accounting practices applicable to municipalities which have been prescribed or permitted by the Division of Local Government Services, Department of Community Affairs, State of New Jersey (the "Division"). Such practices are designed primarily for determining compliance with legal provisions and budgetary restrictions and as a means of reporting on the stewardship of public officials with respect to public funds. Under this method of accounting, the Township of Parsippany-Troy Hills accounts for its financial transactions through the following separate funds:

Current Fund - Resources and expenditures for governmental operations of a general nature, including federal and state grant funds.

Trust Fund - Receipts, custodianship and disbursement of funds in accordance with the purpose for which each reserve was created.

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
 (Continued)

Note 1: Summary of Significant Accounting Policies (Cont'd)

B. Description of Funds (Cont'd)

General Capital Fund - Receipt and disbursement of funds for the acquisition of general capital facilities, other than those acquired in the Current Fund.

Water Utility Operating and Capital Funds – Account for the operations and acquisition of capital facilities of the municipally owned Water Utility.

Sewer Utility Operating and Capital Funds – Account for the operations and acquisition of capital facilities of the municipally owned Sewer Utility.

Golf and Recreation Utility Operating and Capital Funds – Account for the operations and acquisition of capital facilities of the municipally owned Golf and Recreation Utility.

Public Assistance Fund - Receipt and disbursement of funds that provide assistance to certain residents of the municipality pursuant to Title 44 of New Jersey Statutes. The operations of the State funded General Assistance Program were transferred to the County of Morris.

General Fixed Assets Account Group – Estimated values of land, buildings and certain fixed assets of the Township as discussed in Note 1E.

C. Basis of Accounting

Basis of accounting refers to when revenue and expenditures or expenses 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 more significant accounting policies in New Jersey follow.

Revenue is recorded when received in cash except for certain amounts which may be due from the State of New Jersey and for the prepayment of future years' revenue. Grant revenue is realized in the operating funds when it is budgeted and in the capital funds when improvements are authorized. The amounts recorded as property taxes and consumer accounts receivable have not been included in revenue. Other amounts that are due to the municipality, which are susceptible of accrual, are recorded as receivables with offsetting reserves in the Current Fund.

Expenditures are generally charged to operations based on budgeted amounts. Exceptions to this general rule include:

1. Accumulated unpaid vacation, sick pay and other employee amounts are not accrued.
2. Prepaid expenses, such as insurance premiums applicable to subsequent periods, are charged to current budget appropriations in total.
3. Principal and interest on long-term debt are recognized when due.

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
 (Continued)

Note 1: Summary of Significant Accounting Policies (Cont'd)

C. Basis of Accounting (Cont'd)

Expenditures, if any, in excess of appropriations, appropriation reserves or ordinances become deferred charges which must be raised by future taxes. Outstanding encumbrances at December 31 are reported as a cash liability in the financial statements and constitute part of the statutory appropriation reserve balance. Appropriation reserves covering unexpended appropriation balances are automatically created at December 31 of each year and recorded as liabilities, except for amounts which may be cancelled by the governing body. Appropriation reserves are available, until lapsed at the close of the succeeding year, to meet specific claims, commitments or contracts incurred during the preceding fiscal year. Lapsed appropriation reserves are recorded as income.

Had the Township's financial statements been prepared under accounting principles generally accepted in the United States of America, encumbrances would not be considered as expenditures; appropriation reserves would not be recorded; revenue susceptible to accrual would have been reflected without offsetting reserves; Federal and State grants and assistance would be recognized when earned, not when budgeted; inventories would not be reflected as expenditures at the time of purchase, investments would generally be stated at fair value and the Township's net OPEB liability and net pension liability and related deferred inflows and outflows would be recorded.

The cash basis of accounting is followed in the Trust and Capital Funds.

- D. Deferred Charges to Future Taxation – The General Capital Fund balance sheet includes both funded and unfunded deferred charges. Funded means that bonds have been issued and are being paid off on a serial basis. Unfunded means that debt has been authorized but not permanently financed. A municipality can eliminate an unfunded deferred charge by raising it in the budget, by collecting a grant, by selling bonds, by issuing loans or through capital lease purchase agreements.

- E. Other significant accounting policies include:

Management Estimates – The preparation of financial statements requires management to make estimates and assumptions that affect the reported amounts of revenues and expenditures/expenses during the reporting period. Actual results could differ from those estimates.

Cash and Cash Equivalents – Amounts include petty cash, change funds, amounts on deposit, and short-term investments with original maturities of three months or less.

Investments – Investments are stated at cost.

Grants Receivable – Grants receivable represent total grant awards less amounts collected to date. Because the amount of grants funds to be collected are dependent on the total costs eligible for reimbursement, the actual amount collected may be less than the total amount awarded.

Allowance for Uncollectible Accounts – No allowance for uncollectible accounts has been recorded as all amounts are considered collectible.

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 1: Summary of Significant Accounting Policies (Cont'd)

E. Other significant accounting policies include: (Cont'd)

Compensated Absences – Expenditures relating to unused vested accumulated vacation and sick pay are not recorded until paid.

Foreclosed Property - Foreclosed Property is recorded in the Current Fund at the assessed valuation when such property was acquired and is fully reserved.

Interfunds - Interfund receivables in the Current Fund are recorded with offsetting reserves which are created by charges to operations. Income is recognized in the year the receivables are liquidated. Interfund receivables in the other funds are not offset by reserves.

Inventories of Supplies - The cost of inventories of supplies for all funds, except the Water, Sewer and Golf and Recreation Utility, is recorded as an expenditure at the time individual items are purchased. The cost of the Water, Sewer, and Golf and Recreation Utility Operating Fund inventory is included on its balance sheet and is offset by a reserve.

General Fixed Assets Account Group – In accordance with N.J.A.C. accounting requirements, the Township has developed a fixed assets accounting and reporting system based on the following:

General fixed assets are recorded at cost except for land, which is recorded at estimated historical cost. Infrastructure assets are not included in general fixed assets, as per state directive. Major renewals and betterments are charged to the asset accounts; maintenance and minor repairs and replacements, which do not improve or extend the lives of the respective assets, are expensed currently. Donated fixed assets are valued at their fair market value on the date donated. No depreciation has been provided on general fixed assets. The total value recorded for general fixed assets is offset by a "Reserve for Fixed Assets". When properties are retired or otherwise disposed of, the asset and the reserve are adjusted accordingly. Assets recorded in the General Fixed Assets Account Group may also be recorded in the Current Fund, the General Capital Fund and the Utility Funds. The values recorded in the General Fixed Assets Account Group and the Current, General Capital and Utility Funds may not always agree due to differences in valuation methods, timing of recognition of assets and the recognition of infrastructures. Fixed assets are reviewed for impairment.

Property and equipment purchased by the Water, Sewer and Golf and Recreation Utility Funds are recorded in their respective capital accounts at cost. The amounts shown do not purport to represent replacement costs or current value. Contributions in aid of construction are not capitalized. The balances in the Reserve for Amortization and Deferred Reserve for Amortization accounts in the utility capital funds represent charges to operations for the costs of acquisitions of property, equipment and improvements. The utilities do not record depreciation on fixed assets.

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 1: Summary of Significant Accounting Policies (Cont'd)

- F. Budget/Budgetary Control – Annual appropriated budgets are usually prepared in the first quarter for the Current, Open Space, Water, Sewer and Golf and Recreation Utility Operating Funds. The budgets are submitted to the governing body and the Division of Local Government Services. Budgets are prepared using the cash basis of accounting. The legal level of budgetary control is established at the line item accounts within each fund. Line item accounts are defined as the lowest (most specific) level of detail as established pursuant to the flexible chart of accounts referenced in N.J.S.A. 40A. All budget amendments/transfers must be approved by the Township during the year.

Note 2: Long-Term Debt

The Local Bond Law governs the issuance of bond to finance general Township capital expenditures. All bonds are retired in serial installments within the statutory period of usefulness. All bonds issued by the Township are general obligation bonds. The Township's full faith and credit and taxing power has been pledged to the payment of the general obligation debt principal and interest.

Summary of Municipal Debt

	December 31,		
	2018	2017	2016
<u>Issued</u>			
General:			
Bonds, Loans and Notes	\$ 82,230,000	\$ 65,432,000	\$ 66,213,455
Water Utility:			
Bonds, Loans and Notes	8,553,974	6,794,827	6,592,163
Sewer Utility:			
Bonds, Loans and Notes	24,917,000	22,355,036	25,224,003
Golf and Recreation Utility:			
Bonds and Notes	6,825,000	7,458,000	3,133,000
Total Issued	<u>122,525,974</u>	<u>102,039,863</u>	<u>101,162,621</u>
Less:			
Funds Temporarily Held to Pay Bonds and Notes:			
General	1,503,251	1,655,246	105,383
Water Utility	192,749	192,749	192,749
Golf and Recreation Utility	2,400,000		
Total Deductions	<u>4,096,000</u>	<u>1,847,995</u>	<u>298,132</u>
Net Debt Issued	<u>118,429,974</u>	<u>100,191,868</u>	<u>100,864,489</u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 2: Long-Term Debt (Cont'd)

Summary of Municipal Debt (Cont'd)

	December 31,		
	2018	2017	2016
<u>Authorized but not Issued:</u>			
General:			
Bonds, Loans and Notes	\$ 21,306,085	\$ 29,245,021	\$ 13,775,261
Water Utility:			
Bonds, Loans and Notes	225,061	61	95,061
Sewer Utility:			
Bonds, Loans and Notes	6,097,901	6,097,901	9,306,695
Golf and Recreation Utility:			
Bonds and Notes	253,593	593	1,721,594
Total Authorized but not Issued	<u>27,882,640</u>	<u>35,343,576</u>	<u>24,898,611</u>
Net Bonds and Notes Issued and Authorized but not Issued	<u>\$ 148,712,614</u>	<u>\$ 135,535,444</u>	<u>\$ 125,763,100</u>

Summary of Municipal Debt Issued and Outstanding – Prior Year

	Balance 12/31/2016	Additions	Retirements	Balance 12/31/2017
Serial Bonds:				
General Capital Fund	\$ 27,530,000	\$ 43,827,000	\$ 5,925,000	\$ 65,432,000
Water Utility Capital Fund	2,395,000	5,119,000	840,000	6,674,000
Sewer Utility Capital Fund	3,685,000	7,197,000	1,035,000	9,847,000
Golf and Recreation Utility Capital Fund	1,000,000	6,683,000	225,000	7,458,000
Bond Anticipation Notes:				
General Capital Fund	38,663,000		38,663,000	
Water Utility Capital Fund	4,049,000		4,049,000	
Sewer Utility Capital Fund	7,410,332		7,410,332	
Golf and Recreation Utility Capital Fund	2,133,000		2,133,000	
Loans Payable:				
General Capital Fund:				
Green Trust Loans	20,455		20,455	
Water Utility Capital Fund:				
NJ Environmental Infrastructure Loan	148,164		27,337	120,827
Sewer Utility Capital Fund:				
NJ Environmental Infrastructure Loan	14,128,670		1,620,634	12,508,036
Total	<u>\$ 101,162,621</u>	<u>\$ 62,826,000</u>	<u>\$61,948,758</u>	<u>\$ 102,039,863</u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 2: Long-Term Debt (Cont'd)

Summary of Municipal Debt Issued and Outstanding – Current Year

	Balance 12/31/2017	Additions	Retirements	Balance 12/31/2018
Serial Bonds:				
General Capital Fund	\$ 65,432,000		\$ 6,702,000	\$ 58,730,000
Water Utility Capital Fund	6,674,000		714,000	5,960,000
Sewer Utility Capital Fund	9,847,000		922,000	8,925,000
Golf and Recreation Utility Capital Fund	7,458,000		633,000	6,825,000
Bond Anticipation Notes:				
General Capital Fund		\$ 23,500,000		23,500,000
Water Utility Capital Fund		2,500,000		2,500,000
Sewer Utility Capital Fund		4,500,000		4,500,000
Loans Payable:				
Water Utility Capital Fund:				
NJ Environmental Infrastructure Loan	120,827		26,853	93,974
Sewer Utility Capital Fund:				
NJ Environmental Infrastructure Loan	12,508,036		1,016,036	11,492,000
Total	<u>\$ 102,039,863</u>	<u>\$ 30,500,000</u>	<u>\$10,013,889</u>	<u>\$ 122,525,974</u>

Summary of Statutory Debt Condition - Annual Debt Statement

The summarized statement of debt condition, which follows, is prepared in accordance with the required method of setting up the Annual Debt Statement and indicates a statutory net debt of 1.185%.

	Gross Debt	Deductions	Net Debt
Local School District Debt	\$ 29,620,000	\$ 29,620,000	
Water Utility Debt	8,779,035	8,779,035	
Sewer Utility Debt	31,014,901	31,014,901	
Golf and Recreation Utility Debt	7,078,593	7,078,593	
General Debt	103,536,085	1,503,251	\$ 102,032,834
	<u>\$ 180,028,614</u>	<u>\$ 77,995,780</u>	<u>\$ 102,032,834</u>

Net Debt: \$102,032,834 divided by Equalized Valuation basis per N.J.S. 40A:2-2, as amended, of \$8,611,579,620 = 1.185%.

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018

(Continued)

Note 2: Long-Term Debt (Cont'd)

Borrowing Power Under N.J.S. 40A:2-6 As Amended

3-1/2% Average Equalized Valuation of Real Property	\$ 301,405,287
Net Debt	<u>102,032,834</u>
Remaining Borrowing Power	<u><u>\$ 199,372,453</u></u>

Calculation of "Self-Liquidating Purpose", Water Utility Per N.J.S.40A:2-45

Cash Receipts from Fees, Rents or Other Charges for Year	\$ 9,010,923
Deductions:	
Operating and Maintenance Cost	\$ 7,689,318
Debt Service	<u>922,710</u>
	<u>8,612,028</u>
Excess in Revenue	<u><u>\$ 398,895</u></u>

Calculation of "Self-Liquidating Purpose", Sewer Utility Per N.J.S.40A:2-45

Cash Receipts from Fees, Rents or Other Charges for Year	\$ 18,017,574
Deductions:	
Operating and Maintenance Cost	\$ 14,049,129
Debt Service	<u>2,378,854</u>
	<u>16,427,983</u>
Excess in Revenue	<u><u>\$ 1,589,591</u></u>

Calculation of "Self-Liquidating Purpose", Golf and Recreation Utility Per N.J.S.40A:2-45

Cash Receipts from Fees, Rents or Other Charges for Year	\$ 3,981,928
Deductions:	
Operating and Maintenance Cost	<u>3,481,296</u>
Excess in Revenue	<u><u>\$ 500,632</u></u>

Note: If there is a deficit in revenue, then the utility debt is not deductible to the extent of 20 times such deficit amount.

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 2: Long-Term Debt (Cont'd)

Schedule of Annual Debt Service for the Next Five Years and Thereafter for
Bonded Debt and Loans Issued and Outstanding

Year Ended December 31,	General		Water Utility		Sewer Utility		Golf and Recreation Utility		Total	
	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest
2019	\$ 6,815,000	\$ 1,710,525	\$ 756,370	\$ 159,888	\$ 1,970,096	\$ 398,758	\$ 635,000	\$ 174,250	\$ 10,176,466	\$ 2,443,421
2020	5,420,000	1,490,950	584,108	138,175	1,909,161	360,058	525,000	157,700	8,438,269	2,146,883
2021	5,450,000	1,345,650	573,496	123,775	1,860,232	324,466	555,000	146,450	8,438,728	1,940,341
2022	5,490,000	1,199,150	550,000	110,275	1,873,309	291,530	580,000	134,550	8,493,309	1,735,505
2023	5,610,000	1,037,650	560,000	97,525	1,887,392	258,066	580,000	122,150	8,637,392	1,515,391
2024-2028	22,935,000	2,882,750	2,130,000	313,050	8,799,434	798,785	2,850,000	394,250	36,714,434	4,388,835
2029-2030	7,010,000	280,500	900,000	36,000	2,117,376	72,200	1,100,000	44,000	11,127,376	432,700
	<u>\$58,730,000</u>	<u>\$ 9,947,175</u>	<u>\$6,053,974</u>	<u>\$ 978,688</u>	<u>\$20,417,000</u>	<u>\$ 2,503,863</u>	<u>\$6,825,000</u>	<u>\$1,173,350</u>	<u>\$ 92,025,974</u>	<u>\$ 14,603,076</u>

The foregoing debt information is in agreement with the Revised Annual Debt Statement filed by the Chief Financial Officer.

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018

(Continued)

Note 2: Long-Term Debt (Cont'd)

Analysis of Debt Issued and Outstanding at December 31, 2018

General Capital Fund

Serial Bonds

<u>Purpose</u>	<u>Maturities of Bonds</u>		<u>Interest</u>	<u>Balance</u>
	<u>Outstanding Dec. 31, 2018</u>			
	<u>Date</u>	<u>Amount</u>	<u>Rate</u>	<u>Dec. 31, 2018</u>
Refunding Bonds	7/15/2019	\$ 180,000	4.00%	
	7/15/2019	1,035,000	5.00%	
	7/15/2020	1,270,000	4.00%	
	7/15/2021	1,300,000	4.00%	
	7/15/2022	1,340,000	5.00%	
	7/15/2023	1,460,000	5.00%	
	7/15/2024	1,470,000	4.00%	
	7/15/2025	1,465,000	4.00%	\$ 9,520,000
General Improvements	7/1/2019	2,000,000	4.00%	2,000,000
General Improvements	11/1/2019	1,150,000	2.50%	
	11/1/2020	1,150,000	2.75%	
	11/1/21-23	1,150,000	3.00%	5,750,000
General Improvements	9/15/2019	2,450,000	2.00%	
	9/15/2020-23	3,000,000	2.00%	
	9/15/2024-25	4,000,000	2.50%	
	9/15/2026-28	4,000,000	3.00%	
	9/15/2029	3,500,000	3.00%	
	9/15/2030	3,510,000	2.50%	41,460,000
				<u>\$ 58,730,000</u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 2: Long-Term Debt (Cont'd)

Water Utility Capital Fund

Serial Bonds

<u>Purpose</u>	<u>Maturities of Bonds</u> <u>Outstanding Dec. 31, 2018</u>		<u>Interest</u> <u>Rate</u>	<u>Balance</u> <u>Dec. 31, 2018</u>
	<u>Date</u>	<u>Amount</u>		
Water Improvements	7/1/2019	\$ 200,000	4.00%	\$ 200,000
Water Improvements	11/1/2019	175,000	2.75%	
	11/1/2020	175,000	3.00%	
	11/1/2021	175,000	3.00%	
	11/1/2022	175,000	3.00%	
	11/1/2023	175,000	3.00%	875,000
Water Improvements	9/15/2019	320,000	2.00%	
	9/15/2020	340,000	2.00%	
	9/15/2021	365,000	2.00%	
	9/15/2022	375,000	2.00%	
	9/15/2023	385,000	2.00%	
	9/15/2024	400,000	2.50%	
	9/15/2025	415,000	2.50%	
	9/15/2026	425,000	3.00%	
	9/15/2027	440,000	3.00%	
	9/15/2028-29	450,000	3.00%	
	9/15/2030	450,000	2.50%	4,815,000
Refunding Bonds	7/15/2019	35,000	5.00%	
	7/15/2020	35,000	4.00%	70,000
				<u>\$ 5,960,000</u>

Water Utility Capital Fund

Loan Payable

<u>Purpose</u>	<u>Final Maturity Date of NJ</u> <u>Environmental Infrastructure</u> <u>Loan Payable</u>	<u>Interest</u> <u>Rate</u>	<u>Balance</u> <u>Dec. 31, 2018</u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 2: Long-Term Debt (Cont'd)

Sewer Utility Capital Fund

Serial Bonds

<u>Purpose</u>	<u>Maturities of Bonds</u> <u>Outstanding Dec. 31, 2018</u>		<u>Interest</u> <u>Rate</u>	<u>Balance</u> <u>Dec. 31, 2018</u>
	<u>Date</u>	<u>Amount</u>		
Sewer Improvements	7/1/2019	\$ 100,000	4.00%	\$ 100,000
Sewer Improvements	11/1/2019	350,000	2.75%	
	11/1/2020	350,000	3.00%	
	11/1/2021	370,000	3.00%	
	11/1/2022	370,000	3.00%	
	11/1/2023	370,000	3.00%	1,810,000
Sewer Improvements	9/15/2019	400,000	2.00%	
	9/15/2020	425,000	2.00%	
	9/15/2021-23	450,000	2.00%	
	9/15/2024-25	650,000	2.50%	
	9/15/2026-27	650,000	3.00%	
	9/15/2028	660,000	3.00%	
	9/15/2029	675,000	3.00%	
	9/15/2030	690,000	2.50%	6,800,000
Refunding Bonds	7/15/2019	105,000	5.00%	
	7/15/2020	110,000	4.00%	215,000
				<u>\$ 8,925,000</u>

Loan Payable

<u>Purpose</u>	<u>Final Maturity Date of NJ</u> <u>Environmental Infrastructure</u> <u>Loan Payable</u>		<u>Interest</u> <u>Rate</u>	<u>Balance</u> <u>Dec. 31, 2018</u>
Sewer Improvements	8/1/2029		3.50% to 5.00%	<u>\$ 11,492,000</u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 2: Long-Term Debt (Cont'd)

Analysis of Debt Issued and Outstanding at December 31, 2018

Golf and Recreation Utility Capital Fund

Serial Bonds

<u>Purpose</u>	<u>Maturities of Bonds</u>		<u>Interest Rate</u>	<u>Balance Dec. 31, 2018</u>
	<u>Outstanding Dec. 31, 2018</u>	<u>Date</u>		
General Improvements	7/1/2019	\$ 170,000	4.00%	\$ 170,000
General Improvements	11/1/2019	60,000	2.75%	
	11/1/2020	75,000	3.00%	
	11/1/2021	80,000	3.00%	
	11/1/2022	80,000	3.00%	
	11/1/2023	80,000	3.00%	375,000
General Improvements	9/15/2019	405,000	2.00%	
	9/15/2020	450,000	2.00%	
	9/15/2021	475,000	2.00%	
	9/15/2022-23	500,000	2.00%	
	9/15/2024-25	600,000	2.50%	
	9/15/2026-29	550,000	3.00%	
	9/15/2030	550,000	2.50%	
	11/1/2023	80,000	3.00%	6,280,000
			<u>\$ 6,825,000</u>	
Total Debt Issued and Outstanding			<u>\$ 122,525,974</u>	

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
 (Continued)

Note 2: Long-Term Debt (Cont'd)

N.J. Environmental Infrastructure Loan

Loan agreements were entered into by the Township of Parsippany-Troy Hills with the New Jersey Department of Environmental Protection for the purpose of improvements to the water system in 2001 at an interest rate of 4.75% to 5.50% and for the purpose of improvements to the waste water treatment plant in 2010 at an interest rate of 3.5% to 5.00%. Loans payable at December 31, 2018 for the Water Utility Capital Fund and Sewer Utility Capital Fund were \$93,974 and \$11,492,000, respectively.

Refunding Bonds:

On May 15, 2012, the Township issued \$16,115,000 refunding bonds with interest rates ranging from 1.50% to 4.00% to refund \$17,135,000 dated June 1, 2005 with an interest rates ranging from 1.50% to 4.00%. The refunding bonds will mature on July 15, 2012 through July 15, 2025 and constitute an advanced refunding. The refunding met the requirements of an in-substance debt defeasance.

As a result of the advance refunding, the Township reduced its total debt service requirement by \$2,320,284 which resulted in an economic gain (difference between the present value of the debt service payments on the old and new debt).

Net Pension Liability

The State of New Jersey Public Employees' Retirement System's (PERS) net pension liability was calculated to be \$54,480,632 at June 30, 2018. The State of New Jersey Police and Firemen's Retirement System's (PFRS) net pension liability was calculated to be \$48,145,644 at June 30, 2018. See Note 4 for further information on the PERS and PFRS.

Net OPEB Liability

The Township's Net OPEB Liability related to the Township's OPEB Plan at December 31, 2018 was calculated to be \$225,952,916. The State's proportionate share of the net OPEB liability related to the State Health Benefit Local Government Retired Employees Plan attributable to the Township at June 30, 2018 was \$32,488,672. See Note 16 for further information on this net OPEB liability.

Note 3: Fund Balances Appropriated

Fund Balances at December 31, 2018 which are appropriated and included as anticipated revenue in their own respective funds and other funds for the year ending December 31, 2019 budget were as follows:

Current Fund:	
Current Fund Balance	\$ 3,990,000
Water Utility Operating Fund Balance	\$ 605,000
Sewer Utility Operating Fund Balance	\$ 2,250,000
Water Utility Operating Fund	\$ 1,451,000
Sewer Utility Operating Fund	\$ 1,500,000
Golf and Recreation Utility Operating Fund	\$ 900,000

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018

(Continued)

Note 4: Pension Plans

Township employees participate in one of the two contributory, defined benefit public employee retirement systems: the State of New Jersey Public Employee's Retirement System (PERS) or the State of New Jersey Police and Firemen's Retirement System (PFRS); or the Defined Contribution Retirement Program (DCRP), a tax-qualified defined contribution money purchase pension plan under Internal Revenue Code (IRC) 401(a).

A. Public Employees' Retirement System (PERS)

Plan Description

The State of New Jersey, Public Employees' Retirement System (PERS) is a cost-sharing multiple-employer defined benefit pension plan administered by the State of New Jersey, Division of Pensions and Benefits (the Division). For additional information about the PERS, please refer to the Division's Comprehensive Annual Financial Report (CAFR) which can be found at www.nj.gov/treasury/pensions/financial-reports.shtml.

Benefits Provided

The vesting and benefit provisions are set by N.J.S.A. 43:15A. PERS provides retirement, death and disability benefits. All benefits vest after ten years of service, except for medical benefits, which vest after 25 years of service or under disability provisions of PERS.

Tier	Definition
1	Members who were enrolled prior to July 1, 2007
2	Members who were eligible to enroll on or after July 1, 2007 and prior to November 2, 2008
3	Members who were eligible to enroll on or after November 2, 2008 and prior to May 22, 2010
4	Members who were eligible to enroll on or after May 22, 2010 and prior to June 28, 2011
5	Members who were eligible to enroll on or after June 28, 2011

Service retirement benefits of 1/55th of final average salary for each year of service credit is available to Tiers 1 and 2 members upon reaching age 60 and to Tier 3 members upon reaching age 62. Service retirement benefits of 1/60th of final average salary for each year of service credit is available to Tier 4 members upon reaching age 62 and to Tier 5 members upon reaching age 65. Early retirement benefits are available to Tiers 1 and 2 members before reaching age 60, to Tiers 3 and 4 before age 62 with 25 or more years of service credit and Tier 5 with 30 or more years of service credit before age 65. Benefits are reduced by a fraction of a percent for each month that a member retires prior to the age at which a member can receive full early retirement benefits in accordance with their respective tier. Tier 1 members can receive an unreduced benefit from age 55 to age 60 if they have at least 25 years of service. Deferred retirement is available to members who have at least 10 years of service credit and have not reached the service retirement age for the respective tier.

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018

(Continued)

Note 4: Pension Plans (Cont'd)

A. Public Employees' Retirement System (PERS) (Cont'd)

Contributions

The contribution policy for PERS is set by N.J.S.A. 43:15A and requires contributions by active members and contributing members. The local employers' contribution amounts are based on an actuarially determined rate which includes the normal cost and unfunded accrued liability. Chapter 19, P.L. 2009 provided an option for local employers of PERS to contribute 50% of the normal and accrued liability contribution amounts certified for payments due in State fiscal year 2009. Such employers will be credited with the full payment and any such amounts will not be included in their unfunded liability.

The actuaries will determine the unfunded liability of those retirement systems, by employer, for the reduced normal and accrued liability contributions provided under this law. This unfunded liability is being paid by the employer in level annual payments over a period of 15 years, which began with the payments due in the fiscal year ended June 30, 2012 and are adjusted by the rate of return on the actuarial value of assets. Township contributions to PERS amounted to \$2,387,541 for 2018.

The employee contribution rate was 7.34% effective July 1, 2017 and increased to 7.50% effective July 1, 2018. Subsequent increases after October 1, 2011 were being phased in over 7 years effective on each July 1st to bring the total pension contribution rate to 7.5% of base salary as of July 1, 2018.

Pension Liabilities and Pension Expense

At June 30, 2018, the Township's liability was \$54,480,632 for its proportionate share of the net pension liability. The net pension liability was measured as of June 30, 2018, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of July 1, 2017 which was rolled forward to June 30, 2018. The Township's proportion of the net pension liability was based on a projection of the Township's long-term share of contributions to the pension plan relative to the projected contributions of all participating members, actuarially determined. At June 30, 2018, the Township's proportion was 0.277%, which was an increase of 0.023% from its proportion measured as of June 30, 2017.

For the year ended December 31, 2018, the Township recognized actual pension expense in the amount of \$2,387,541.

Actuarial Assumptions

The total pension liability for the June 30, 2018 measurement date was determined by an actuarial valuation as of July 1, 2017 which was rolled forward to June 30, 2018. This actuarial valuation used the following actuarial assumptions:

Inflation Rate	2.25%
Salary Increases:	
Through 2026	1.65 – 4.15% based on age
Thereafter	2.65 – 5.15% based on age
Investment Rate of Return	7.00%

Pre-retirement mortality rates were based on the RP-2000 Employee Pre-retirement Mortality Table for male and female active participants. For local employees, mortality tables are set back 2 years for males and 7 years for females. In addition, the tables provide for future improvements in mortality from the base year of 2013 using a generational approach based on the Conduent modified 2014 projection scale.

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 4: Pension Plans (Cont'd)

A. Public Employees' Retirement System (PERS) (Cont'd)

Actuarial Assumptions (Cont'd)

Post-retirement mortality rates were based on the RP-2000 Combined Healthy Male and Female Mortality Tables (set back 1 year for males and females) for service retirements and beneficiaries of former members. In addition, the tables for service retirements and beneficiaries of former members provide for future improvements in mortality from 2012 to 2013 using Projection Scale AA and using a generational approach based on the Conduent 2014 projection scale thereafter. Disability retirement rates used to value disabled retirees were based on the RP-2000 Disabled Mortality Table (set back 3 years for males and set forward one year for females).

The actuarial assumptions used in the July 1, 2017 valuation were based on the results of an actuarial experience study for the period July 1, 2011 to June 30, 2014. It is likely that future experience will not exactly conform to these assumptions. To the extent that actual experience deviates from these assumptions, the emerging liabilities may be higher or lower than anticipated. The more the experience deviates, the larger the impact on future financial statements.

Long Term Expected Rate of Return

In accordance with State statute, the long-term expected rate of return on pension plan investments (7.00% at June 30, 2018) is determined by the State Treasurer, after consultation with the Directors of the Division of Investments and Division of Pensions and Benefits, the Board of Trustees and the actuaries. The long-term expected rate of return was determined using a building block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. Best estimates of arithmetic real rates of return for each major asset class included in PERS' target asset allocation as of June 30, 2018 are summarized in the following table:

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 4: Pension Plans (Cont'd)

A. Public Employees' Retirement System (PERS) (Cont'd)

Long Term Expected Rate of Return (Cont'd)

<u>Asset Class</u>	<u>Target Allocation</u>	<u>Long-Term Expected Real Rate of Return</u>
Risk Management Strategies	5.00%	5.51%
Cash Equivalents	5.50%	1.00%
U.S. Treasuries	3.00%	1.87%
Investment Grade Credit	10.00%	3.78%
High Yield	2.50%	6.82%
Global Diversified Credit	5.00%	7.10%
Credit Oriented Hedge Funds	1.00%	6.60%
Debt Related Private Equity	2.00%	10.63%
Debt Related Real Estate	1.00%	6.61%
Private Real Asset	2.50%	11.83%
Equity Related Real Estate	6.25%	9.23%
U.S. Equity	30.00%	8.19%
Non-U.S. Developed Market Equity	11.50%	9.00%
Emerging Markets Equity	6.50%	11.64%
Buyouts/Venture Capital	8.25%	13.08%

Discount Rate

The discount rate used to measure the total pension liability was 5.66% as of June 30, 2018. This single blended discount rate was based on the long-term expected rate of return on pension plan investments of 7.00% and a municipal bond rate of 3.87% as of June 30, 2018 based on the Bond Buyer Go 20 Bond Municipal Bond Index which includes tax-exempt general obligation municipal bonds with an average rating of AA/Aa or higher. The projection of cash flows used to determine the discount rate assumed that contributions from plan members will be made at the current member contribution rates and that contributions from employers will be made based upon the contribution rate in the most recent fiscal year. The local employers contributed 100% of their actuarially determined contributions. Based on those assumptions, the plan's fiduciary net position was projected to be available to make projected future benefit payments of current plan members through June 30, 2046. Therefore, the long-term expected rate of return on plan investments was applied to projected benefit payments through June 30, 2046, and the municipal bond rate was applied to projected benefit payments after that date in determining the total pension liability.

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 4: Pension Plans (Cont'd)

A. Public Employees' Retirement System (PERS) (Cont'd)

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

The following presents the Township's proportionate share of the collective net pension liability as of June 30, 2018 calculated using the discount rate as disclosed below, as well as what the Township's proportionate share of the net pension 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 rate:

	June 30, 2018		
	At 1% Decrease (4.66%)	At Current Discount Rate (5.66%)	At 1% Increase (6.66%)
Township's proportionate share of the Net Pension Liability	\$ 68,503,118	\$ 54,480,632	\$ 42,716,664

Pension Plan Fiduciary Net Position

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

B. Police and Firemen's Retirement System (PFRS)

Plan Description

The State of New Jersey, State of New Jersey Police and Firemen's Retirement System (PFRS), is a cost-sharing multiple-employer defined benefit pension plan administered by the State of New Jersey Division of Pensions and Benefits (the Division). For additional information about the PFRS, please refer to the Division's Comprehensive Annual Financial Report (CAFR) which can be found at www.nj.gov/treasury/pensions/financial-reports.shtml.

Benefits Provided

The vesting and benefit provisions are set by N.J.S.A. 43:16A. The PFRS provides retirement as well as death and disability benefits. All benefits vest after ten years of service, except disability benefits which vest after 4 years of service.

The following represents the membership tiers for PFRS:

Tier	Definition
1	Members who were enrolled prior to May 22, 2010
2	Members who were eligible to enroll on or after May 22, 2010 and prior to June 28, 2011
3	Members who were eligible to enroll on or after June 28, 2011

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018

(Continued)

Note 4: Pension Plans (Cont'd)

B. Police and Firemen's Retirement System (PFRS) (Cont'd)

Benefits Provided (Cont'd)

Service retirement benefits are available at age 55 and are generally determined to be 2% of final compensation for each year of creditable service, as defined, up to 30 years plus 1% for each year of service in excess of 30 years. Members may seek special retirement after achieving 25 years of creditable service, in which benefits would equal 65% (tiers 1 and 2 members) and 60% (tier 3 members) of final compensation plus 1% for each year of creditable service over 25 years but not to exceed 30 years. Members may elect deferred retirement benefits after achieving ten years of service, in which case benefits would begin at age 55 equal to 2% of final compensation for each year of service.

Contributions

The contribution policy for PFRS is set by N.J.S.A. 43:16A and requires contributions by active members and contributing members. The Local employers' contribution amounts are based on an actuarially determined rate which includes the normal cost and unfunded accrued liability. Chapter 19, P.L. 2009 provided an option for local employers of PFRS to contribute 50% of the normal and accrued liability contribution amounts certified for payments due in State fiscal year 2009. Such employers will be credited with the full payment and any such amounts will not be included in their unfunded liability. The actuaries will determine the unfunded liability of the retirement system, by employer, for the reduced normal and accrued liability contributions provided under this law. This unfunded liability is being paid by the employer in level annual amounts over a period of 15 years, which began with the payments due in the fiscal year ended June 30, 2012 and are adjusted by the rate of return on the actuarial value of the assets.

Special Funding Situation

Under N.J.S.A. 43:16A-15, local participating employers are responsible for their own contributions based on actuarially determined amounts, except where legislation was passed which legally obligated the State if certain circumstances occurred. The legislation which legally obligates the State is as follows: Chapter 8, P.L. 2000, Chapter 318, P.L. 2001, Chapter 86, P.L. 2001, Chapter 511, P.L. 1991, Chapter 109, P.L. 1979, Chapter 247, P.L. 1993 and Chapter 201, P.L. 2001. The amounts contributed on behalf of the local participating employers under this legislation is considered to be a special funding situation as defined by GASB Statement No. 68 and the State is treated as a nonemployer contributing entity. Since the local participating employers do not contribute under this legislation directly to the plan (except for employer specified financed amounts), there is no net pension liability or deferred outflows or inflows to report in the financial statements of the local participating employers related to this legislation. However, the notes to the financial statements of the local participating employers must disclose the portion of the nonemployer contributing entities' total proportionate share of the collective net pension liability that is associated with the local participating employer. The June 30, 2018 State special funding situation net pension liability amount is the accumulated difference between the annual actuarially determined State obligation under the special funding situation and the actual State contribution through the valuation date. The State special funding situation pension expense for the fiscal year ended June 30, 2018 is the actuarially determined contribution amount that the State owes for the fiscal year ending June 30, 2018. The pension expense is deemed to be a State administrative expense due to the special funding situation.

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 4: Pension Plans (Cont'd)

B. Police and Firemen's Retirement System (PFRS) (Cont'd)

Special Funding Situation (Cont'd)

Township contributions to PFRS amounted to \$3,060,260 for the year ended December 31, 2018. During the fiscal year ended June 30, 2018, the State of New Jersey contributed \$387,314 to the PFRS for normal pension benefits on behalf of the Township, which is less than the contractually required contribution of \$774,628.

The employee contributions for PFRS are 10.00% of employees' annual compensation, as defined.

Pension Liabilities and Pension Expense

At June 30, 2018, the Township's liability for its proportionate share of the net pension liability was \$48,145,644. The net pension liability was measured as of June 30, 2018, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of July 1, 2017 which was rolled forward to June 30, 2018. The Township's proportion of the net pension liability was based on a projection of the Township's long-term share of contributions to the pension plan relative to the projected contributions of all participating members, actuarially determined. At June 30, 2018, the Township's proportion was 0.356%, which was an increase of 0.010% from its proportion measured as of June 30, 2017.

Additionally, the State's proportionate share of the net pension liability attributable to the Township is \$6,539,790 as of June 30, 2018. The net pension liability was measured as of June 30, 2018, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of July 1, 2017 which was rolled forward to June 30, 2018. The State's proportionate share of the net pension liability associated with the Township was based on a projection of the Township's long-term share of contributions to the pension plan relative to the projected contributions of all participating members, actuarially determined.

At June 30, 2018, the State's proportion was 0.356%, which was an increase of 0.010% from its proportion measured as of June 30, 2017 which is the same proportion as the Township's.

Township's Proportionate Share of the Net Pension Liability	\$ 48,145,644
State's Proportionate Share of the Net Pension Liability Associated with the Township	6,539,790
Total Net Pension Liability	\$ 54,685,434

For the year ended December 31, 2018, the Township recognized total pension expense of \$3,060,260.

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 4: Pension Plans (Cont'd)

B. Police and Firemen’s Retirement System (PFRS) (Cont'd)

Actuarial Assumptions

The total pension liability for the June 30, 2018 measurement date was determined by an actuarial valuation as of July 1, 2017 which was rolled forward to June 30, 2018. This actuarial valuation used the following actuarial assumptions:

Inflation Rate	2.25%
Salary Increases:	
Through 2026	2.10 - 8.98% based on age
Thereafter	3.10 - 9.98% based on age
Investment Rate of Return	7.00%

Pre-retirement mortality rates were based on the RP-2000 Combined Healthy mortality tables projected on a generational basis from the base year of 2000 to 2013 using Projection Scale BB and the Conduent modified 2014 projection scale thereafter. For pre-retirement accidental mortality, a custom table with representative rates was used and there is no mortality improvement assumed. Post-retirement mortality rates for male service retirements-are based on the RP-2000 Combined Healthy Mortality Tables projected on a generational basis using Projection Scale AA from base year of 2012 to 2013 and the Conduent modified 2014 projection scale thereafter. Post-retirement mortality rates for female service retirements and beneficiaries were based on the RP-2000 Combined Healthy Mortality Tables projected on a generational basis from the base year of 2000 to 2013 using Projection Scale BB and the Conduent modified 2014 projection scales thereafter. Disability retirement rates were based on a custom table with representative rates and no mortality improvement assumed.

The actuarial assumptions used in the July 1, 2017 valuation were based on the results of an actuarial experience study for the period July 1, 2010 to June 30, 2013.

Long Term Expected Rate of Return

In accordance with State statute, the long-term expected rate of return on pension plan investments (7.00% at June 30, 2018) is determined by the State Treasurer, after consultation with the Directors of the Division of Investments and Division of Pensions and Benefits, the Board of Trustees and the actuaries. The long-term expected rate of return was determined using a building block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. Best estimates of arithmetic real rates of return for each major asset class included in PFRS’ target asset allocation as of June 30, 2018 are summarized in the following table:

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 4: Pension Plans (Cont'd)

B. Police and Firemen's Retirement System (PFRS) (Cont'd)

Long Term Expected Rate of Return (Cont'd)

<u>Asset Class</u>	<u>Target Allocation</u>	<u>Long-Term Expected Real Rate of Return</u>
Risk Management Strategies	5.00%	5.51%
Cash Equivalents	5.50%	1.00%
U.S. Treasuries	3.00%	1.87%
Investment Grade Credit	10.00%	3.78%
High Yield	2.50%	6.82%
Global Diversified Credit	5.00%	7.10%
Credit Oriented Hedge Funds	1.00%	6.60%
Debt Related Private Equity	2.00%	10.63%
Debt Related Real Estate	1.00%	6.61%
Private Real Asset	2.50%	11.83%
Equity Related Real Estate	6.25%	9.23%
U.S. Equity	30.00%	8.19%
Non-U.S. Developed Market Equity	11.50%	9.00%
Emerging Markets Equity	6.50%	11.64%
Buyouts/Venture Capital	8.25%	13.08%

Discount Rate – PFRS

The discount rate used to measure the total pension liability was 6.51% as of June 30, 2018. This single blended discount rate was based on the long-term expected rate of return on pension plan investments of 7.00% and a municipal bond rate of 3.87% as of June 30, 2018 based on the Bond Buyer Go 20 Bond Municipal Bond Index which includes tax-exempt general obligation municipal bonds with an average rating of AA/Aa or higher. The projection of cash flows used to determine the discount rate assumed that contributions from plan members will be made at the current member contribution rates and that contributions from employers and the nonemployer contributing entity will be made based on the contribution rate in the most recent fiscal year. The State employer contributed 50% of the actuarially determined contributions and the local employers contributed 100% of their actuarially determined contributions. Based on those assumptions, the pension plan's fiduciary net position was projected to be available to make projected future benefit payments of current plan members through June 30, 2062. Therefore, the long-term expected rate of return on pension plan investments was applied to projected benefit payments through June 30, 2062, and the municipal bond rate was applied to projected benefit payments after that date in determining the total pension liability.

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 4: Pension Plans (Cont'd)

B. Police and Firemen's Retirement System (PFRS) (Cont'd)

Sensitivity of the Total Net Pension Liability (including the State's proportionate share of the net pension liability attributable to the Township) to Changes in the Discount Rate

The following presents the total net pension liability (including the State's proportionate share of the net pension liability attributable to the Township) as of June 30, 2018 calculated using the discount rate as disclosed above, as well as what the collective net pension 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 rate:

	June 30, 2018		
	At 1% Decrease (5.51%)	At Current Discount Rate (6.51%)	At 1% Increase (7.51%)
Township's proportionate share of the NPL and the State's proportionate share of the Net Pension Liability associated with the Township	\$ 73,189,667	\$ 54,685,434	\$ 39,422,812

Plan Fiduciary Net Position – PFRS

Detailed information about the PFRS's fiduciary net position is available in the separately issued PFRS financial statements.

C. Defined Contribution Retirement Program (DCRP)

Prudential Financial jointly administers the DCRP investments with the NJ Division of Pensions and Benefits. If an employee is ineligible to enroll in the PERS or PFRS, the employee may be eligible to enroll in the DCRP. DCRP provides eligible members with a tax-sheltered, defined contribution retirement benefit, along with life insurance and disability coverage. Vesting is immediate upon enrollment for members of the DCRP.

The State of New Jersey, Department of the Treasury, Division of Pensions and Benefits, issues publicly available financial reports that include the financial statements and required supplementary information of the DCRP. The financial reports may be obtained by writing to the State of New Jersey, Department of the Treasury, Division of Pensions and Benefits, PO Box 295, Trenton, New Jersey, 08625-0295.

Employers are required to contribute at an actuarially determined rate. Employee contributions are based on percentages of 5.50% for DCRP of employees' annual compensation, as defined. The DCRP was established July 1, 2007, under the provisions of Chapter 92, P.L. 2007 and Chapter 103, P.L. 2007 and expanded under the provisions of Chapter 89, P.L. 2008. Employee contributions for DCRP are matched by a 3% employer contribution.

For DCRP, the Township recognized pension expense of \$11,228 for the year ended December 31, 2018. Employee contributions to DCRP amounted to \$15,460 for the year ended December 31, 2018.

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018

(Continued)

Note 5: School District Taxes

Regulations provide for the deferral of not more than 50% of the annual levy when school taxes are raised for a school year and have not been requisitioned by the school district.

The Township of ParsIPPany-Troy Hills has elected not to defer school taxes.

Note 6: Accrued Sick and Vacation Benefits

The Township permits employees to accrue a limited amount of unused vacation and sick pay, which may be taken as time off or paid at a later date at an agreed-upon rate. It is estimated that the current cost of such unpaid compensation would approximate \$7,222,810 at December 31, 2018. This amount is not reported either as expenditure or a liability. It is expected that the cost of such unpaid compensation would be included in the Township's budget operating expenditures in the year in which it is used.

The reserve for accumulated sick and vacation compensation of \$640,000 reflected on the Other Trust Funds' balance sheet as of December 31, 2018 represents partial funding of the total estimated amount.

Note 7: Selected Tax Information

Property taxes are levied as of January 1 on property values assessed as of the previous calendar year. The tax levy is divided into two billings. The first billing is an estimate of the current year's levy based on the prior year's taxes. The second billing reflects adjustments to the current year's actual levy. The final tax bill is usually mailed on or before June 14th, along with the first half estimated tax bills for the subsequent year. The first half estimated taxes are divided into two due dates, February 1 and May 1. The final tax bills are also divided into two due dates, August 1 and November 1.

A ten-day grace period is usually granted before the taxes are considered delinquent and the imposition of interest charges. A penalty may be assessed for any unpaid taxes in excess of \$10,000 at December 31 of the current year. Unpaid taxes of the prior year may be placed in lien at a tax sale held after April 1 and through December 31. Unpaid Taxes of the current year may be placed in lien at a tax sale held after December 10.

Comparative Schedule of Tax Rate Information

	<u>2018</u>	<u>2017</u>	<u>2016</u>
<u>Tax Rate</u>	<u>\$ 2.883</u>	<u>\$ 2.818</u>	<u>\$ 2.769</u>
<u>Apportionment of Tax Rate</u>			
Municipal	0.670	0.654	0.654
County	0.312	0.314	0.304
Local School	1.901	1.850	1.811
<u>Assessed Valuations</u>			
2018	<u>\$ 7,203,911,900</u>		
2017		<u>\$ 7,189,343,350</u>	
2016			<u>\$ 7,161,830,200</u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 7: Selected Tax Information (Cont'd)

Comparison of Tax Levies and Collection Currently

A study of this tabulation could indicate a possible trend in future tax levies. A decrease in the percentage of current collection could be an indication of a probable increase in future tax levies.

<u>Year</u>	<u>Tax Levy</u>	<u>Currently</u>	
		<u>Cash Collections</u>	<u>Percentage of Collections</u>
2018	\$ 212,964,361	\$ 211,751,826	99.43%
2017	207,150,201	205,932,406	99.41%
2016	202,441,385	201,086,010	99.33%

Also, increases in future tax levies can also be warranted if revenue sources outside of those directly generated by the municipality, such as federal or state aid, should decline without corresponding decreases in budgeted expenditures.

Note 8: Cash and Cash Equivalents and Investments

Cash and cash equivalents include petty cash, change funds, amounts in deposits, money market accounts, and short-term investments with original maturities of three months or less.

Investments are stated at cost. The Township classifies certificates of deposit which have original maturity dates of more than three months but less than twelve months from the date of purchase, as investments.

GASB requires disclosure of the level of custodial credit risk assumed by the Township in its cash, cash equivalents and investments, if those items are uninsured or unregistered. Custodial credit risk is the risk that in the event of a bank failure, the government's deposits may not be returned.

Interest Rate Risk – In accordance with its cash management plan, the Township ensures that any deposit or investment matures within the time period that approximates the prospective need for the funds, deposited or invested, so that there is not a risk to the market value of such deposits or investments.

Credit Risk – The Township limits its investments to those authorized in its cash management plan which are those permitted under state statute as detailed on the following page.

Custodial Credit Risk – The Township's policy with respect to custodial credit risk requires that the Township ensures that Township funds are only deposited in financial institutions in which NJ municipalities are permitted to invest their funds.

Deposits:

New Jersey statutes require that municipalities deposit public funds in public depositories located in New Jersey which are insured by the Federal Deposit Insurance Corporation, or by any other agency of the

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018

(Continued)

Note 8: Cash and Cash Equivalents and Investments (Cont'd)

Deposits: (Cont'd)

United States that insures deposits made in public depositories. Municipalities are also permitted to deposit public funds in the State of New Jersey Cash Management Fund.

New Jersey statutes require public depositories to maintain collateral for deposits of collected public funds that exceed insurance limits as follows:

The market value of the collateral must equal 5% of the average daily balance of public funds on deposit, and

In addition to the above collateral requirement, if public funds deposited exceed 75% of the capital funds of the depository, the depository must provide collateral having a market value at least equal to 100% of the amount exceeding 75%.

All collateral must be deposited with the Federal Reserve Bank, the Federal Home Loan Bank Board or a banking institution that is a member of the Federal Reserve System and has capital funds of not less than \$25,000,000.

Investments

New Jersey statutes permit the Township to purchase the following types of securities:

- (1) Bonds or other obligations of the United States of America or obligations guaranteed by the United States of America;
- (2) Government money market mutual funds
- (3) Any obligation that a federal agency or a federal instrumentality has issued in accordance with an act of Congress, which security has a maturity date not greater than 397 days from the date of purchase, provided that such obligation bears a fixed rate of interest not dependent on any index or other external factor;
- (4) Bonds or other obligations of the local unit or bonds or other obligations of school districts of which the local unit is a part or within which the school district is located;
- (5) Bonds or other obligations, having a maturity date not more than 397 days from the date of purchase, issued by New Jersey school districts, municipalities, counties, and entities subject to the "Local Authorities Fiscal Control Law" P.L. 1983, c. 313 (C.40A:5A-1 et seq.) Other bonds or obligations having a maturity date not more than 397 days from the date of purchase may be approved by the Division of Local Government Services in the Department of Community Affairs for investment by local units;
- (6) Local government investment pools;
- (7) Deposits with the State of New Jersey Cash Management Fund established pursuant to section 1 of P.L. 1977, c.281 (C.52:18A-90.4); or

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 8: Cash and Cash Equivalents and Investments (Cont'd)

Investments (Cont'd)

- (8) Agreements for the repurchase of fully collateralized securities if:
- (a) the underlying securities are permitted investments pursuant to paragraphs (1) and (3) of this subsection a or are bonds or other obligations, having a maturity date not more than 397 days from the date of purchase, issued by New Jersey school districts, municipalities, counties and entities subject to the "Local Authorities Fiscal Control Law", P.L. 1983 c.313 (C.40A:5A-1 et seq.);
 - (b) the custody of collateral is transferred to a third party;
 - (c) the maturity of the agreement is not more than 30 days;
 - (d) the underlying securities are purchased through a public depository as defined in section 1 of P.L. 1970, c.236 (C.17:9-41); and
 - (e) a master repurchase agreement providing for the custody and security of collateral is executed.

As of December 31, 2018, cash and cash equivalents of the Township of Parsippany-Troy Hills consisted of the following:

<u>Fund</u>	<u>Cash and Cash Equivalents</u>		<u>Investments</u>	<u>Total</u>
	<u>Cash on Hand</u>	<u>Checking Accounts</u>	<u>Certificate of Deposits</u>	
Current Fund	\$ 815	\$ 3,056,519	\$ 10,244,205	\$ 13,301,539
Animal Control Trust Fund	50	75,117		75,167
Other Trust Fund		22,048,572		22,048,572
General Capital Fund		11,915,880		11,915,880
Water Utility Operating Fund		5,711,790		5,711,790
Water Utility Capital Fund		4,835,977		4,835,977
Sewer Utility Operating Fund		7,027,615	3,060,150	10,087,765
Sewer Utility Capital Fund		11,240,720		11,240,720
Golf and Recreation Utility Operating Fund	1,800	1,934,440		1,936,240
Golf and Recreation Utility Capital Fund		5,311,149		5,311,149
Public Assistance Fund		89,159		89,159
	<u>\$2,665</u>	<u>\$ 73,246,938</u>	<u>\$ 13,304,355</u>	<u>\$ 86,553,958</u>

The carrying amount of the Township's cash and cash equivalents and investments at December 31, 2018, was \$86,553,958 and the bank balance was \$88,462,302.

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018

(Continued)

Note 9: Risk Management

The Township is exposed to various risks of loss related to torts; theft of, damage to, and destruction of assets; errors and omissions; injuries to employees; and natural disasters.

The Township of Parsippany-Troy Hills is a member of the Garden State Municipal Joint Insurance Fund. This Fund is both an insured and self-administered group of municipalities established for the purpose of providing low-cost insurance coverage for their members in order to keep local property taxes at a minimum.

The following coverages are offered by the fund to its members:

- a.) Liability Other Than Motor Vehicles
- b.) Property Damage Other Than Motor Vehicles
- c.) Motor Vehicle
- d.) Public Officials' Liability/Employment Practices Coverage
- e.) Environmental Coverage

As a member of the Fund, the Township could be subject to supplemental assessments in the event of deficiencies. If the assets of the Fund were to be exhausted, members would become responsible for their respective shares of the Fund's liabilities.

The Fund can declare and distribute dividends to members upon approval of the State of New Jersey Department of Banking and Insurance. These distributions are divided amongst the members in the same ratio as their individual assessment relates to the total assessment of the membership body. The members may either receive payment or offset their subsequent year assessments with their respective share of the distribution.

The December 31, 2018 audit report for this fund was not filed as of the date of this report. Selected financial information for the Fund as of December 31, 2017 is as follows:

Total Assets	<u>\$ 49,959,759</u>
Net Position	<u>\$ 6,825,455</u>
Total Revenue	<u>\$ 31,024,728</u>
Total Expenses	<u>\$ 29,235,793</u>
Change in Net Position	<u>\$ 1,788,935</u>
Members Dividends	<u>\$ -0-</u>

Financial statements for the fund are available at the Office of the Executive Director:

Garden State Municipal Joint Insurance Fund
 900 Route 9 North, Suite 503
 Woodbridge, NJ 07095-1003
 800-446-7647

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 9: Risk Management (Cont'd)

The Township is self-insured to the extent of the amounts “deductible” from umbrella insurance coverage for Workers’ Compensation and Health Benefits.

Health Benefits Insurance

Coverage is provided by an excess risk insurance policy, issued by the American National Insurance Company with coverages detailed as follows:

A. Specific Loss:

The Township will pay the Specific Deductible amount of \$125,000 per policy period per covered person.

B. Aggregate Loss:

The maximum aggregate reimbursement is \$1,000,000 per policy period.

Processing and payment of claims is administered by Meritain Health.

There is a provision included in the financial statements in the Other Trust Fund – Reserve for Employee Health Benefit for claims incurred but not reported as of December 31, 2018 of \$2,669,351, which exceeds the estimated amount for unpaid losses and loss adjustment expenses, provided by the Township Health Insurance Advisor.

A summary of activity in the Other Trust Fund Reserve for Employee Benefit Self Insurance Fund - Contractor fund is detailed as follows:

	<u>2018</u>	<u>2017</u>
Balance, Beginning of the Year	\$ 386,031	\$ 253,840
Provision for Insured Events	<u>12,390,785</u>	<u>11,850,370</u>
	12,776,816	12,104,210
Claims and Claim Adjustment Expenses		
Attributable to Insured Events	<u>12,774,804</u>	<u>11,718,179</u>
Balance, End of the Year	<u>\$ 2,012</u>	<u>\$ 386,031</u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 9: Risk Management (Cont'd)

Workers' Compensation

Umbrella insurance coverage currently in force is carried for excess Workers' Compensation claims with specified limits detailed as follows:

A. Specific Loss:

The Township can pay no more than \$400,000 for each occurrence.

There has been no provision included in the financial statements for loss reserves as of December 31, 2018.

Claims for excess workers' compensation are funded on a cash basis through a loss fund which is administered by D and H Alternative Risk Solutions. A summary of the workers' compensation fund held by the insurance agent is detailed as follows on the next page:

	<u>2018</u>	<u>2017</u>
Balance, Beginning of the Year	\$ 87,757	\$ 102,996
Provisions for Insured Events	<u>1,146,190</u>	<u>772,717</u>
	1,233,947	875,713
Claims and Claim Adjustment Expenses Attributable to Insured Events	<u>1,127,496</u>	<u>787,956</u>
Balance, End of the Year	<u>\$ 106,451</u>	<u>\$ 87,757</u>

In addition to the above amount, the Township has also included a reserve on the Trust Fund balance sheet for \$435,373.

Workers' Compensation Loss Reserves

The liability for unpaid losses and loss adjustment expenses represents an estimate of the ultimate net cost of reported losses and loss adjustment expenses as of December 31, 2018. This estimate is based on the estimated ultimate cost of settling the reported claims considering the historical experience, various other industry statistics, including the effects of inflation and other societal or economic factors. The ultimate cost may be more or less than the estimated liability. The unpaid losses are stated net of any recoveries from excess loss insurance and reinsurance coverages. A reserve has been established in the Other Trust Fund Reserve for Workers' Compensation in the amount of \$541,824.

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 9: Risk Management (Cont'd)

Workers' Compensation Loss Reserves (Cont'd)

Loss reserves, at December 31, 2018 and 2017, respectively, which have been estimated by the Fund's Actuary and Servicing Agents, are as follows:

	2018	2017
Case Reserves	\$ 4,908,332	\$ 2,059,035
Less: Excess Coverage	3,752,692	939,396
Total Loss Reserves (Expenses)	\$ 1,155,640	\$ 1,119,639

New Jersey Unemployment Compensation Insurance

The Township has elected to fund its New Jersey Unemployment Compensation Insurance under the "Benefit Reimbursement Method". Under this plan, the Township is required to reimburse the New Jersey Unemployment Trust Fund for benefits paid to its former employees and charged to its account with the State. The Township is billed quarterly for amounts due to the State.

The following is a summary of Township and employee contributions, interest earned and reimbursements to the State for benefits paid and the ending balance of the Township's expendable trust fund for the current and previous two years:

Year	Township Contributions	Employee Contributions	Amount Reimbursed	Ending Balance
2018	\$ 162,750	\$ 98,027	\$ 41,967	\$ 526,644
2017	250,000	23,585	60,016	307,834
2016		47,028	120,037	94,265

Note 10: Deferred Compensation Plan

The Township of Parsippany-Troy Hills offers its employees three deferred compensation plans (the "Plan") created in accordance with Section 457 of the Internal Revenue Code. The Plans, which are administered by American United Life Insurance Company, Metropolitan Life Insurance Company and Lincoln Financial, are available to all Township employees and permit participants to defer a portion of their salary. The deferred compensation is not available to employees until termination, retirement, unforeseeable emergency, or upon death to their beneficiaries.

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 11: Interfund Receivables and Payables

The following interfund balances remain on the balance sheet at December 31, 2018:

<u>Fund</u>	<u>Interfund Receivable</u>	<u>Interfund Payable</u>
Current Fund	\$ 668,226	\$ 877,624
Federal and State Grand Fund	596,854	
Animal Control Fund	2	
Other Trust Funds	3,891	902,988
General Capital Fund	515,725	
Water Utility Operating Fund	43	
Sewer Utility Operating Fund		238
Golf and Recreation Utility Operating Fund		3,891
	<u>\$ 1,784,741</u>	<u>\$ 1,784,741</u>

The Township utilizes the Current Fund as a clearing account for receipts and disbursements of the other funds. The Chief Financial Officer monitors all interfund for these accounts and liquidates them on a monthly basis.

Note 12: Commitments and Contingencies

The Township is periodically involved in various lawsuits arising in the normal course of the Township's operations including claims for property damage, personal injury and various contract disputes. The ultimate effect of such litigation cannot be ascertained at this time since they are currently in various stages of discovery. In the opinion of management, the ultimate outcome of these lawsuits will not have a material adverse effect on the Township's financial position and operations as of December 31, 2018.

Amounts received or receivable from grantors, principally the federal and state governments are subject to regulatory requirements and adjustments by the agencies. Any disallowed claims, including amounts previously recognized by the Township as revenue would constitute a liability of the applicable funds. The amount, if any, of expenditures which may be disallowed by the grantors cannot be determined at this time, although Township officials expect such amounts, if any, to be immaterial.

Various tax appeals on assessed valuations have been filed against the Township and are awaiting tax court decisions. The ultimate outcome and effect of such appeals have not been determined; however, the Township Tax Assessor will aggressively defend the Township's assessments. The Township has established a reserve for this contingency in the amount of \$1,337,235.

The Township bills the Township of East Hanover, and three other municipalities for sewer usage. Currently, the Township is in dispute as to how much the Township of East Hanover owes Parsippány-Troy Hills. The amount recorded as receivable on the Sewer Utility Fund balance sheet at December 31, 2018 is fully reserved, therefore the possible cancellation of part of the receivable will not impact operations, but would reduce the receivable and offsetting reserve.

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 13: Deferred Charges to be Raised in Succeeding Years

Certain expenditures are required to be deferred to budgets of succeeding years. At December 31, 2018, the Township had the following deferred charges:

	<u>Balance</u> <u>Dec. 31, 2018</u>	<u>Required</u> <u>2019 Budget</u> <u>Appropriation</u>	<u>Balance</u> <u>to Years</u> <u>Subsequent</u> <u>Budgets</u>
Current Fund:			
Special Emergency Appropriation	\$ 1,883,895	\$ 625,123	\$ 1,258,772

The appropriation in the 2019 budget is not less than that required by statute.

Note 14: Economic Dependency

The Township receives a substantial amount of its support from federal and state governments. A significant reduction in the level of support, if this were to occur, may have an effect on the Township's programs and activities.

Note 15: Tax Abatements

Governmental Accounting Standards Board requires disclosure of tax abatement information about (1) a reporting government's own tax abatement agreements and (2) those that are entered into by other governments and that reduce the reporting government's tax revenues.

As of December 31, 2018, the Township provides a tax abatement to a redeveloper of BT Property, LLC in the Township pursuant to N.J.S.A 40A:20-1 et seq., the Long Term Tax Exemption Law, and a financial agreement between the Township and the redeveloper. The agreement is for a period of 30 years. 2017 was the first year in which the payments under this agreement was effective.

In consideration of the Township granting the redeveloper this tax abatement the developer will be required to pay to the Township an annual service charge as follows: Stage One (years 1-15) – the annual service charge will be the greater of the minimum annual service charge or 10% of gross revenue; Stage Two (years 16-21) – the annual service charge as defined in Stage One or 20% of the amount of taxes otherwise due on the value of the land and improvements, whichever is greater; Stage 3 (years 22-27) - – the annual service charge as defined in Stage One or 40% of the amount of taxes otherwise due on the value of the land and improvements, whichever is greater; Stage 4 (years 28-29) - – the annual service charge as defined in Stage One or 60% of the amount of taxes otherwise due on the value of the land and improvements, whichever is greater; Stage 5 (year 30) - – the annual service charge as defined in Stage One or 80% of the amount of taxes otherwise due on the value of the land and improvements, whichever is greater. The minimum annual service charge per the agreement shall be the amount of total taxes levied against all real property in the area covered under this tax abatement in the last full tax year in which that area was subject to taxation, and

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
 (Continued)

Note 15: Tax Abatements (Cont'd)

the minimum annual service charge shall be paid in each year in which the other provisions of the financial agreement would result in less than the minimum annual service charge being paid. In the event that the net profits on the redevelopment property exceed the allowable net profits for such period the redeveloper shall pay such excess net profits to the Township as an additional service charge. Additionally, the Township shall remit to the County of Morris on a quarterly basis, 5% of the Annual Service Charge received from the redeveloper in accordance with N.J.S.A. 40A:20-12b. The Township recognized revenue in the amount of \$388,220 from this annual service charge or payment in lieu of taxes recorded as an anticipated miscellaneous revenue in the Current Fund. The taxes which would have been paid on this property for 2018 without the abatement would have been \$973,269 of which \$206,267 would have been for the local municipal tax and municipal open space tax.

In the event that the redeveloper fails to make the required Annual Service Charge payment within the required period of time which would constitute a breach of the agreement, the Township has the right as one of the allowable remedies to proceed against the redeveloper pursuant to the In-Rem Foreclosure Act. Upon the termination or expiration of this agreement the property under this agreement shall be assessed and taxed as applicable to other taxable property within the Township.

Note 16: Postemployment Benefits Other than Pensions (OPEB)

A. General Information about the Township's OPEB Plan

Plan Description and Benefits Provided

Employees who retire from the Township may be eligible for post-employment medical, prescription drug, dental, and vision benefits based on the number of years of service completed. Police officers and their dependents are eligible for both pre-65 and post-65 subsidized retirement coverage, whereas the remaining units receive pre-65 retirement coverage only.

Retiree medical benefits provided by the Township are fully insured through Aetna Health with three plan offerings; Open Access Plus, OA Plus for Supervisors, and Traditional (Passive) PPO. For pharmacy benefits, 3 copay options are available to retirees based on unit. Two dental plans are available to retirees and is self-funded. Vision benefits are also available to retirees and is fully insured through VSP.

Base plan costs for all benefits for pre-65 and post-65 retirees are based on fully insured premium rates for the 2018 and 2019 plan years. Plan costs are based 100% before retiree contributions and assumed to include all administrative expenses and PPACA fees due at this time. The medical and prescription drug costs reflect a combined active and retiree population (pre-65 and post-65), therefore adjustments were necessary to convert the base plan costs into specific pre-65 and post-65 retiree costs to appropriately reflect Medicare integration and plan morbidity.

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 16: Postemployment Benefits Other than Pensions (OPEB) (Cont'd)

A. General Information about the Township's OPEB Plan (Cont'd)

Retiree Contribution Rates

Contribution rates for future retirees will be based on the State of New Jersey's new contribution formula per implementation of Chapter 78. Contributions are calculated using a varying formula based on the retirees' base salary at retirement with a minimum contribution of 1.5% of base salary. Active employees hired prior to implementation of Chapter 78 with less than 20 years of service at implementation had their contribution phased in over a 4-year period. Employees hired on or after June 28, 2011 will have their contribution set at the highest year 4 contribution level. As the 4-year phase in period has expired, all active employees' contribution level is at the highest level.

Contributions for current retirees and future retirees with 20 years of service or more of service at June 28, 2011 are 0%.

Employees Covered by Benefit Terms

As of May 2019, there was a total of 609 active employees and retirees, reflecting the sum of 450 active employees (400 electing coverage and 50 waiving coverage) and 159 retirees including 15 surviving spouses. For valuation purposes, it is assumed that 100% of individuals waiving coverage elect coverage in retirement at the coverage tier indicated in the census. In addition, the current census includes 240 active Police retirees and active employees as opposed to prior valuations, which included 90 and 100 Police retirees and active employees. This change in Police count has a dramatic effect on the Net OPEB liability.

Total OPEB Liability

The Township's OPEB liability of \$225,952,916 was measured as of December 31, 2018 and was determined by an actuarial valuation as of January 1, 2018.

Actuarial Assumptions and Other Inputs

The total OPEB liability in the January 1, 2018 actuarial valuation was determined using the following actuarial assumptions and other inputs, applied to all periods included in the measurement, unless otherwise specified:

Discount Rate	3.80%
Salary Increases	3.00% per year

The selected discount rate is based on the prescribed discount interest rate methodology under GASB 74/75 using an average of three 20-year bond indices (e.g. Bond Buyer 20 Bond GO – 4.09%, S&P Municipal Bond 20 Year High Grade Rate Index – 3.64%. and Fidelity GA AA 20 years – 3.71% as of December 31, 2018).

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 16: Postemployment Benefits Other than Pensions (OPEB) (Cont'd)

A. General Information about the Township's OPEB Plan (Cont'd)

Actuarial Assumptions and Other Inputs (Cont'd)

The following assumptions are used for annual healthcare cost inflation (trend):

Health Care Trend Rates	Year	Pre 65	Post 65
Year 1 Trend	January 1, 2020	8.00%	8.00%
Ultimate Trend	2026 & Later	5.00%	5.00%
Grading per Year		0.50%	0.50%

The mortality table used for the current valuation was the RP 2014 Healthy Male and Female Tables based upon the Combined Healthy Table for both pre and post-retirement with mortality improvement using the most current Society of Actuaries Mortality Improvement Scale MP-2018.

The valuation is based on the decrement tables from the New Jersey Public Employees' Retirement System (PERS) and the New Jersey Police and Firemen's Retirement System (PFRS). Decrement tables are based on the July 1, 2017 Annual Report of the Actuary for both PERS and PFRS.

Changes in the Total OPEB Liability

	<u>Total OPEB Liability</u>
Balance at January 1, 2018	\$ 220,901,164
Changes for Year:	
Service Cost	1,827,457
Interest on total OPEB Liability	8,297,847
Benefit Payments	<u>(5,073,552)</u>
Net Changes	<u>5,051,752</u>
Balance at December 31, 2018	<u><u>\$ 225,952,916</u></u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 16: Postemployment Benefits Other than Pensions (OPEB) (Cont'd)

A. General Information about the Township's OPEB Plan (Cont'd)

Sensitivity of the Total OPEB Liability to Changes in the Discount Rate

The following presents the total OPEB liability of the Township as well as what the Township's total OPEB liability would be if it were calculated using a discount rate that is 1 percentage lower (2.80 percent) or 1 percentage higher (4.80 percent) than the current discount rate:

	December 31, 2018		
	1% Decrease (2.80%)	Discount Rate (3.80%)	1% Increase (4.80%)
Total OPEB Liability	\$ 282,859,302	\$ 225,952,916	\$ 185,332,496

Sensitivity of the Total OPEB Liability to Changes in the Healthcare Cost Trend Rates

The following presents the total OPEB liability of the Township as well as what the Township's total OPEB liability would be if it were calculated using healthcare cost trend rates that are 1 percentage lower or 1 percentage higher than the valuation healthcare cost trend rates:

	December 31, 2018		
	1% Decrease	Valuation Healthcare Trend Rates	1% Increase
Total OPEB Liability	\$ 180,034,772	\$ 225,952,916	\$ 288,122,952

OPEB Expense

For the year ended December 31, 2018, the Township's OPEB expense was \$10,125,304 as determined by the actuarial valuation.

Actual retiree payments to 159 retired employees in 2018 is estimated to be \$5,073,552.

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
 (Continued)

Note 16: Postemployment Benefits Other than Pensions (OPEB) (Cont'd)

B. State Health Benefit Local Government Retired Employees Plan

General Information about the OPEB Plan

Plan Description

The State Health Benefit Local Government Retired Employees Plan (the Plan) is a cost sharing multiple employer defined benefit other postemployment benefit (OPEB) plan with a special funding situation. It covers employees of local government employers that have adopted a resolution to participate in the Plan. The plan meets the definition of an equivalent arrangement as defined in paragraph 4 of GASB Statement No. 75, *Accounting and Financial Reporting for the Postemployment Benefits Other Than Pensions*; therefore, assets are accumulated to pay associated benefits. For additional information about the Plan, please refer to the State of New Jersey (the State), Division of Pensions and Benefits' (the Division) Comprehensive Annual Financial Report (CAFR), which can be found at <https://www.state.nj.us/treasury/pensions/financial-reports.shtml>.

Benefits Provided

The Plan provides medical and prescription drug coverage to retirees and their dependents of the employers. Under the provisions of Chapter 88, P.L. 1974 and Chapter 48, P.L. 1999, local government employers electing to provide postretirement medical coverage to their employees must file a resolution with the Division. Under Chapter 88, local employers elect to provide benefit coverage based on the eligibility rules and regulations promulgated by the State Health Benefits Commission. Chapter 48 allows local employers to establish their own age and service eligibility for employer paid health benefits coverage for retired employees.

Under Chapter 48, the employer may assume the cost of postretirement medical coverage for employees and their dependents who: 1) retired on a disability pension; or 2) retired with 25 or more years of service credit in a State or locally administered retirement system and a period of service of up to 25 years with the employer at the time of retirement as established by the employer; or 3) retired and reached the age of 65 with 25 or more years of service credit in a State or locally administered retirement system and a period of service of up to 25 years with the employer at the time of retirement as established by the employer; or 4) retired and reached age 62 with at least 15 years of service with the employer. Further, the law provides that the employer paid obligations for retiree coverage may be determined by means of a collective negotiations agreement.

In accordance with Chapter 330, P.L. 1997, which is codified in N.J.S.A. 52:14-17.32i, the State provides medical and prescription coverage to local police officers and firefighters, who retire with 25 years of service or on a disability from an employer who does not provide postretirement medical coverage. Local employers were required to file a resolution with the Division in order for their employees to qualify for State-paid retiree health benefits coverage under Chapter 330. The State also provides funding for retiree health benefits to survivors of local police officers and firefighters who die in the line of duty under Chapter 271, P.L. 1989.

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 16: Postemployment Benefits Other than Pensions (OPEB) (Cont'd)

B. State Health Benefit Local Government Retired Employees Plan (Cont'd)

Contributions

Pursuant to Chapter 78, P.L. 2011, future retirees eligible for postretirement medical coverage who have less than 20 years of creditable service on June 28, 2011 will be required to pay a percentage of the cost of their health care coverage in retirement provided they retire with 25 or more years of pension service credit. The percentage of the premium for which the retiree will be responsible will be determined based on the retiree's annual retirement benefit and level of coverage.

Special Funding Situation

Under Chapter 330, P.L. 1997, the State shall pay the premium or periodic charges for the qualified local police and firefighter retirees and dependents equal to 80 percent of the premium or periodic charge for the category of coverage elected by the qualified retiree under the State managed care plan or a health maintenance organization participating in the program providing the lowest premium or periodic charge. The State also provides funding for retiree health benefits to survivors of local police officers and firefighters who die in the line of duty under Chapter 271, P.L. 1989.

Therefore, these employers are considered to be in a special funding situation as defined by GASB Statement No. 75 and the State is treated as a nonemployer contributing entity. For New Jersey local governments who report under the regulatory basis of accounting, the net OPEB liability and related deferred inflows are not recorded in the financial statements and there is only note disclosure of this information.

Since the local participating employers do not contribute under this legislation directly to the plan, there is no net OPEB liability, deferred outflows of resources, or deferred inflows of resources to report in the financial statements of the local participating employers related to this legislation. However, the notes to the financial statements of the local participating employers must disclose the portion of the nonemployer contributing entities' total proportionate share of the collective net OPEB liability that is associated with the local participating employer.

Allocation Methodology

GASB Statement No. 75 requires participating employers in the Plan to recognize their proportionate share of the collective net OPEB liability, collective deferred outflows of resources, collective inflows of resources, and collective OPEB expense. The special funding situation's and nonspecial funding situation's net OPEB liability, deferred outflows of resources, deferred inflows of resources, and OPEB expense are based on separately calculated total OPEB liabilities. The nonspecial funding situation's net OPEB liability, deferred outflows of resources, deferred inflows of resources, and OPEB expense are further allocated to employers based on the ratio of the plan members of an individual employer to the total members of the Plan's nonspecial funding situation during the measurement period July 1, 2016 through June 30, 2017. Employer and nonemployer allocation percentages were rounded for presentation purposes.

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 16: Postemployment Benefits Other than Pensions (OPEB) (Cont'd)

B. State Health Benefit Local Government Retired Employees Plan

OPEB Expense

The total OPEB liability as of June 30, 2018 was not available from the State of New Jersey Division of Pensions and Benefits as of the date of this report. The total OPEB liability as of June 30, 2017 was determined by an actuarial valuation as of June 30, 2016, which was rolled forward to June 30, 2017.

At June 30, 2017, the State’s proportionate share of the net OPEB liability attributable to the Township at June 30, 2017 was \$32,488,672. At June 30, 2017, the State’s proportion related to the Township was .373630%. This is the percentage of the total State share of the net OPEB liability of the plan.

For the year ended June 30, 2017, the State of New Jersey’s OPEB expense related to the Township was \$2,325,087.

Actuarial Assumptions and Other Inputs

The actuarial assumptions vary for each plan member depending on the pension plan the member is enrolled in. This actuarial valuation used the following actuarial assumptions, applied to all periods in the measurement.

Inflation Rate	2.50%
Salary Increases*:	
Through 2026	1.65% - 8.98%
Thereafter	2.65% to 9.98%

* - Salary increases are based on the defined benefit plan that the member is enrolled in and his or her age.

Preretirement mortality rates were based on the RP-2006 Headcount-Weighted Healthy Employee Male/Female Mortality Table with fully generational mortality improvement projections from the central year using MP-2017 scale. Postretirement mortality rates were based on the RP-2006 Headcount-Weighted Health Annuitant Male/Female mortality table with fully generational improvement projections from the central year using the MP-2017 scale. Disability mortality was based on the RP-2006 Headcount-Weighted Disabled Male/Female mortality table with fully generational improvement projections from the central year using the MP-2017 scale.

Certain actuarial assumptions used in the June 30, 2016 valuation were based on the results of the pension plans’ experience studies for which the members are eligible for coverage under this Plan – the Police and Firemen Retirement System (PFRS) and the Public Employees’ Retirement System (PERS). The PFRS and PERS experience studies were prepared for the periods July 1, 2010 to June 30, 2013 and July 1, 2011 – June 30, 2014, respectively.

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED DECEMBER 31, 2018
(Continued)

Note 16: Postemployment Benefits Other than Pensions (OPEB) (Cont'd)

B. State Health Benefit Local Government Retired Employees Plan

Health Care Trend Assumptions

For pre-Medicare preferred provider organization (PPO) medical benefits, this amount initially is 5.9% and decreases to a 5.0% long term trend rate after nine years. For self-insured post 65 PPO medical benefits and HMO medical benefits, the trend rate is 4.5%. For prescription drug benefits, the initial trend rate is 10.5% decreasing to a 5.0% long term rate after eight years. For the Medicare Part B reimbursement, the trend rate is 5.0%. The Medicare Advantage trend rate is 4.5% and will continue in all future years.

Discount Rate

The discount rate for June 30, 2017 was 3.58%. The discount rate for June 30, 2016 was 2.85%. This represents the municipal bond rate as chosen by the State. The source is the Bond Buyer Go 20-Bond Municipal Bond Index, which includes tax-exempt general obligation municipal bonds with an average rating of AA/Aa or higher. As the long-term rate of return is less than the municipal bond rate, it is not considered in the calculation of the discount rate, rather the discount rate is set at the municipal bond rate.

TOWNSHIP OF PARSIPPANY-TROY HILLS

SUPPLEMENTARY DATA

TOWNSHIP OF PARSIPPANY-TROY HILLS
ROSTER OF OFFICIALS
YEAR ENDED DECEMBER 31, 2018

The following officials were in office during the period under audit:

Name	Title	Amount of Bond	Name of Corporate or Personal Surety
Michael Soriano	Mayor		
Paul Carifi, Jr.	Council President		
Janice McCarthy	Council VicePresident		
Loretta Gragnani	Councilwoman		
Michael J. dePierro	Councilman		
Emily Peterson	Councilwoman		
Keith Kazmark	Administrator	*	
Khaled Madin	Clerk	*	
Ann Cucci	Chief Financial Officer	\$1,000,000	Garden State Municipal Joint Insurance Fund
Terence M. Whalen	Tax Collector	\$1,000,000	Garden State Municipal Joint Insurance Fund
Daniel Cassese	Tax Assessor	*	
Michael Hardie	Director of Purchasing	*	
Justin Lizza	Engineer		
James L. Lott	Attorney		
Anthony Frese	Judge	\$1,000,000	Garden State Municipal Joint Insurance Fund
Gerald Scala	Judge	\$1,000,000	Garden State Municipal Joint Insurance Fund
Alvaro Leal	Court Administrator	\$1,000,000	Garden State Municipal Joint Insurance Fund

* Covered under a \$1,000,000.00 Public Employee Dishonesty Bond with the Garden State Municipal Joint Insurance Fund

All bonds were examined and were properly executed.

TOWNSHIP OF PARSIPPANY-TROY HILLS
COUNTY OF MORRIS
2018
CURRENT FUND

TOWNSHIP OF PARSIPPANY-TROY HILLS
CURRENT FUND
SCHEDULE OF CASH AND INVESTMENTS

	<u>Ref.</u>	
Balance December 31, 2017	A	\$ 22,382,920.44
Increased by Receipts:		
Tax Collector		\$ 203,805,026.06
Revenue Accounts Receivable		19,868,871.76
Miscellaneous Revenue Not Anticipated		235,752.84
Due from / to State of New Jersey:		
Veterans and Senior Citizens' Deductions		242,947.91
Construction Code Fees Payable		119,956.00
Marriage License Fees Payable		6,525.00
Interest on Investments		440,620.79
Reserve for Accumulated Revenue Unappropriated -		
Watershed Moratorium		55,178.00
Special Emergency Notes Payable		1,883,000.00
Due to/from:		
Federal and State Grant Fund:		
Federal and State Grants Receivable		286,148.28
Unappropriated Reserves		19,774.94
Animal Control Fund		25,754.54
Other Trust Funds:		
Open Space - Due Federal and State Grant Fund		55,612.00
General Capital Fund - State of NJ DOT		245,000.00
General Capital Fund - Interfund Advanced		35,725.00
Payroll - Interfund Returned		24,102.53
Prepaid Revenue:		
Licenses		78,944.00
Miscellaneous Revenue Not Anticipated - Lease Rentals		17,895.99
Appropriation Refunds		586,172.78
Appropriation Reserve Refunds		1,076.07
		228,034,084.49
		250,417,004.93

TOWNSHIP OF PARSIPPANY-TROY HILLS
CURRENT FUND
SCHEDULE OF CASH AND INVESTMENTS
(Continued)

	<u>Ref.</u>	
Decreased by Disbursements:		
2018 Appropriation Expenditures	\$ 66,725,392.14	
2017 Appropriation Reserves	2,992,862.12	
Accounts Payable	13,942.08	
Tax Overpayment Refunds	248,826.25	
Local School District Taxes	136,901,258.00	
County Taxes	22,522,801.81	
Fire District Taxes	3,545,907.00	
Due State of New Jersey:		
Construction Code Fees Payable	123,244.00	
Marriage License Fees Payable	6,700.00	
Reserve for Tax Appeals	133,988.50	
Special Emergency Notes Payable	1,606,000.00	
Due to / from:		
Federal and State Grant Fund:		
Appropriated Reserve Expenditures	404,280.45	
Other Trust Funds:		
Interfund Advanced	331,596.22	
Open Space Tax Levy	1,452,176.86	
On-Behalf Expenditures:		
Reserve for Off-Duty Police	74,790.52	
Reserve for Special Deposits	3,167.87	
Water Utility Operating Fund	2,798.06	
Sewer Utility Operating Fund	6,010.14	
Refund of Prior Year Revenue	703.75	
Refund of Current Year Revenue:		
Fees and Permits	1,827.00	
Uniform Construction Code Fees	18,010.25	
	\$ 237,116,283.02	
Balance December 31, 2018	A	\$ 13,300,721.91

TOWNSHIP OF PARSIPPANY-TROY HILLS
CURRENT FUND
SCHEDULE OF CASH - COLLECTOR
YEAR ENDED DECEMBER 31, 2018

Increased by Receipts:

Taxes Receivable	\$ 201,816,420.49	
2019 Prepaid Taxes	1,349,676.43	
Interest and Costs on Taxes	316,878.40	
Third Party Liens	573,773.89	
Premiums on Tax Sale	659,100.00	
Tax Overpayments	304,365.48	
	<hr/>	\$ 205,037,899.95

Decreased by:

Payments to Treasurer	203,805,026.06	
Payments to Other Trust Funds:		
Special Deposits	573,773.89	
Reserve for Premiums on Tax Sale	659,100.00	
	<hr/>	<u>\$ 205,037,899.95</u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
CURRENT FUND
SCHEDULE OF CASH - GRANT FUNDS
YEAR ENDED DECEMBER 31, 2018

NOT APPLICABLE

TOWNSHIP OF PARSIPPANY-TROY HILLS
CURRENT FUND
SCHEDULE OF TAXES RECEIVABLE AND ANALYSIS OF PROPERTY TAX LEVY

Year	Balance		Collections		State of NJ Veterans' and Senior Citizens' Deductions	Canceled	Transferred to Tax Title Liens	Balance Dec 31, 2018
	Dec 31, 2017	2018 Levy	2017	2018				
2016	\$ 750.00		\$ 25,025.14	\$ (25,488.84)			\$ 1,213.70	
2017	1,114,572.00		1,000,479.87	(23,941.70)		\$ 133,403.12	4,630.71	
	1,115,322.00		1,025,505.01	(49,430.54)		133,403.12	5,844.41	
2018		\$ 212,964,361.39	\$ 10,668,216.87	292,693.18	\$ 44,905.07	152,325.10	1,015,305.69	
	\$ 1,115,322.00	\$ 212,964,361.39	\$ 10,668,216.87	\$ 243,262.64	\$ 44,905.07	\$ 285,728.22	\$ 1,021,150.10	

Ref. A

A

Analysis of 2018 Property Tax Levy

Tax Yield:

General Purpose Tax	\$ 207,688,297.56
Business Personal Property Taxes	12,071.12
Special District Taxes	3,622,745.00
Added and Omitted Taxes	1,641,247.71
	<u>\$ 212,964,361.39</u>

Tax Levy:

Local School District Taxes	\$ 136,901,256.00
Open Space Taxes	1,452,176.86
Special District Taxes	3,545,907.00
County Taxes	\$ 22,402,960.12
Due County for Added and Omitted Taxes	177,797.82
	<u>22,580,757.94</u>
	<u>164,480,097.80</u>

Local Tax for Municipal Purposes Levied

Minimum Library Tax Levied	44,057,581.03
Add: Additional Tax Levied	2,861,742.00
	1,564,940.56
	<u>48,484,263.59</u>
	<u>\$ 212,964,361.39</u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
CURRENT FUND
SCHEDULE OF TAX TITLE LIENS

	<u>Ref.</u>	
Balance December 31, 2017	A	\$ 172,752.53
Increased by:		
Transfer from Taxes Receivable		\$ 285,728.22
Interest and Costs Accrued at Sale		<u>30,913.68</u>
		<u>316,641.90</u>
		<u>489,394.43</u>
Decreased by:		
Collections		<u>17,685.26</u>
Balance December 31, 2018	A	<u><u>\$ 471,709.17</u></u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
CURRENT FUND
SCHEDULE OF REVENUE ACCOUNTS RECEIVABLE

	Balance Dec 31, 2017	Accrued in 2018	Received in 2018	Balance Dec 31, 2018
Clerk:				
Alcoholic Beverages Licenses	\$	95,480.00	\$ 95,480.00	
Other Licenses		94,302.00	94,302.00	
Health:				
Other Licenses		150,230.00	150,230.00	
Registrar:				
Other Licenses		8,781.00	8,781.00	
Fees and Permits:				
Registrar		9,015.00	9,015.00	
Zoning		57,143.16	83,580.61	
Engineering		34,067.06	34,067.06	
Fire Prevention		257,718.00	257,718.00	
Planning Board		22,856.50	22,856.50	
Off Duty Police		119,161.95	119,161.95	
Recreation		297,533.78	297,533.78	
Board of Housing		189,830.00	189,830.00	
Recycling		80,829.73	80,829.73	
Purchasing		10,350.00	10,350.00	
Tax Collector		580.00	580.00	
Police		8,599.70	8,599.70	
Municipal Court:				
Fines and Costs	\$ 48,353.25	596,639.66	602,857.44	\$ 42,135.47
Garbage and Trash Removal	204,923.18	1,585,039.00	1,679,955.71	110,006.47
Community Center Revenue - Concession Rents		225,910.00	225,910.00	
Hotel Tax		2,597,551.52	2,597,551.52	
Ambulance Service Billing		924,963.53	924,963.53	
Lease Rentals	28,339.51	647,021.29	646,007.59	29,353.21

TOWNSHIP OF PARSIPPANY-TROY HILLS
CURRENT FUND
SCHEDULE OF REVENUE ACCOUNTS RECEIVABLE
(Continued)

	Balance Dec 31, 2017	Accrued in 2018	Received in 2018	Balance Dec 31, 2018
Consolidated Municipal Property Tax Relief Aid	\$ 266,305.00	\$ 266,305.00	\$ 266,305.00	
Energy Receipts Taxes	4,228,718.00	4,228,718.00	4,228,718.00	
Watershed Moratorium	55,178.00	55,178.00	55,178.00	
Construction Code Official:				
Fees and Permits	2,348,437.25	2,348,437.25	2,348,437.25	
Uniform Fire Safety Act	206,799.03	206,799.03	206,799.03	
Municipal Court - Shared Services	200,484.78	200,484.78	200,484.78	
Other Trust Fund - Reserve for LOSAP	75,000.00	75,000.00	75,000.00	
General Capital Fund - Fund Balance	100,000.00	100,000.00	100,000.00	
General Capital Fund - Reserve for Debt Service	500,000.00	500,000.00	500,000.00	
Water Utility Operating Surplus of Prior Year	655,000.00	655,000.00	655,000.00	
Sewer Utility Operating Surplus of Prior Year	2,300,000.00	2,300,000.00	2,300,000.00	
Cablevision Franchise Fees	313,773.62	313,773.62	313,773.62	
PSEG Settlement	216,391.96	216,391.96	216,391.96	
Payment in Lieu of Taxes - BT Property LLC (UPS)	388,220.00	388,220.00	388,220.00	
	<u>\$ 281,615.94</u>	<u>\$ 19,867,910.52</u>	<u>\$ 19,994,468.76</u>	<u>\$ 181,495.15</u>

Ref. A

Cash Received	\$ 19,868,871.76
Prepaid Revenue Realized	70,419.00
Reserve for Accumulated Revenue	
Unappropriated - Watershed Moratorium	55,178.00
	<u>\$ 19,994,468.76</u>

A

TOWNSHIP OF PARSIPPANY-TROY HILLS
CURRENT FUND
SCHEDULE OF OTHER LIENS RECEIVABLE

	<u>Ref.</u>	
Balance December 31, 2017	A	<u>\$ 189,373.06</u>
Balance December 31, 2018	A	<u><u>\$ 189,373.06</u></u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
CURRENT FUND
SCHEDULE OF 2017 APPROPRIATION RESERVES
YEAR ENDED DECEMBER 31, 2018

	Balance Dec 31, 2017	Balance After Modi- fication	Paid or Charged	Balance Lapsed
General Government:				
General Administration:				
Salaries and Wages	\$ 48,098.75			
Other Expenses	3,862.60	\$ 3,862.60	\$ 3,862.60	
Township Council:				
Salaries and Wages	1,074.24			
Other Expenses	3,000.00	3,000.00		\$ 3,000.00
Municipal Clerk:				
Other Expenses	41,086.53	41,086.53	9,102.91	31,983.62
Treasury:				
Salaries and Wages	24,066.32			
Other Expenses	20,996.25	20,996.25	8,491.80	12,504.45
Audit	10,444.00	10,444.00		10,444.00
Tax Collection:				
Salaries and Wages	390.36			
Other Expenses	7,474.69	7,474.69	3,127.14	4,347.55
Tax Assessing:				
Salaries and Wages	57.41			
Other Expenses	14,317.39	14,317.39	7,490.75	6,826.64
Legal Services and Costs:				
Other Expenses	181,591.52	181,591.52	35,380.36	146,211.16
Engineering Services and Costs:				
Salaries and Wages	7,477.78			
Other Expenses	36,443.30	36,443.30	8,569.27	27,874.03
Department of Planning:				
Salaries and Wages	81.01			
Other Expenses	33,159.22	33,159.22	4,878.48	28,280.74
Board of Adjustment:				
Salaries and Wages	8.83			
Other Expenses	5,484.85	5,484.85	1,468.15	4,016.70
Housing and Zoning Code Enforcement:				
Salaries and Wages	17,449.59			
Other Expenses	17,498.27	17,498.27	7,036.62	10,461.65
Insurance:				
Unemployment Insurance	144,000.00	144,000.00	144,000.00	
Liability Insurance	78,812.21	78,812.21	12,463.84	66,348.37
Worker Compensation	638.47	638.47		638.47
Employee Health and Group Life	406,100.51	974,538.82	955,835.49	18,703.33
Library Medical	8.16	8.16		8.16

TOWNSHIP OF PARSIPPANY-TROY HILLS
CURRENT FUND
SCHEDULE OF 2017 APPROPRIATION RESERVES
YEAR ENDED DECEMBER 31, 2018

	Balance Dec 31, 2017	Balance After Modi- fication	Paid or Charged	Balance Lapsed
Public Safety:				
Police Department:				
Salaries and Wages	\$ 1,054.42			
Other Expenses	246,361.80	\$ 246,361.80	\$ 186,334.23	\$ 60,027.57
Office of Emergency Management:				
Salaries and Wages	12,032.00			
Other Expenses	12,057.20	12,057.20	11,455.68	601.52
Fire Prevention Bureau:				
Salaries and Wages	11,278.34			
Other Expenses	26,221.10	26,221.10	8,258.80	17,962.30
Municipal Court:				
Salaries and Wages	20,438.65			
Other Expenses	12,564.29	12,564.29	10,764.06	1,800.23
Prosecutor:				
Other Expenses	17,558.33	17,558.33	15,067.34	2,490.99
Public Works:				
Street and Road Maintenance:				
Salaries and Wages	99,854.31			
Other Expenses	320,293.88	320,293.88	265,018.01	55,275.87
Garbage and Trash Removal:				
Salaries and Wages	87,974.56			
Other Expenses	223,358.50	223,358.50	103,257.80	120,100.70
Buildings and Grounds:				
Salaries and Wages	203.05			
Other Expenses	44,155.86	44,155.86	26,882.81	17,273.05
Vehicle Maintenance:				
Other Expenses	166,296.63	166,296.63	138,731.50	27,565.13
Condominium Cost	270,000.00	270,000.00	219,400.41	50,599.59
Health and Human Services:				
Public Health Services:				
Salaries and Wages	27,147.47			
Other Expenses	14,663.28	14,663.28	4,199.39	10,463.89
Senior Citizen Center:				
Other Expenses	4,261.56	4,261.56	2,692.79	1,568.77
Ambulance Services:				
Salaries and Wages	30,000.00	30,000.00		30,000.00
Other Expenses	132,589.93	132,589.93	119,431.30	13,158.63

TOWNSHIP OF PARSIPPANY-TROY HILLS
CURRENT FUND
SCHEDULE OF 2017 APPROPRIATION RESERVES
YEAR ENDED DECEMBER 31, 2018

	Balance Dec 31, 2017	Balance After Modi- fication	Paid or Charged	Balance Lapsed
Recreation and Education:				
Recreation Services:				
Salaries and Wages	\$ 41,718.59			
Other Expenses	18,029.05	\$ 18,029.05	\$ 10,619.80	\$ 7,409.25
Maintenance of Parks:				
Salaries and Wages	151,982.13			
Other Expenses	86,959.14	86,959.14	78,192.99	8,766.15
Utilities:				
Utilities and Gasoline	422,117.86	397,117.86	176,806.65	220,311.21
Solid Waste Disposal Costs	246,403.22	271,403.22	268,955.35	2,447.87
Uniform Construction Code:				
Department of Buildings and Inspections:				
Salaries and Wages	16,050.50			
Other Expenses	34,916.84	34,916.84	8,491.37	26,425.47
Salary Adjustment	126,581.35	126,581.35		126,581.35
Contingent	7,070.53	7,070.53	7,070.53	
Contribution to :				
Public Employees' Retirement System	14,903.54	14,903.54	14,903.54	
Social Security System (O.A.S.I)	42,335.07	42,335.07	12,546.06	29,789.01
DCRP Pension	1,289.25	1,289.25	1,289.25	
Police and Firemen's Retirement System of NJ	2.45	2.45		2.45
Contribution to LOSAP	75,000.00	75,000.00	74,200.00	800.00
Maintenance of Free Public Library	27,000.08	27,000.08	27,000.00	0.08
Shared Service Agreements:				
Health Office	0.36	0.36		0.36
	<u>\$ 4,196,347.38</u>	<u>\$ 4,196,347.38</u>	<u>\$ 2,993,277.07</u>	<u>\$ 1,203,070.31</u>

Analysis of Balance December 31, 2017

	<u>Ref.</u>				
Encumbered	A	\$ 1,453,202.96			
Unencumbered	A	2,743,144.42			
		<u>\$ 4,196,347.38</u>			

Analysis of Paid or Charged

Cash Disbursed			\$ 2,992,862.12
Accounts Payable			1,491.02
			2,994,353.14
Less: Refunds			1,076.07
			\$ 2,993,277.07

TOWNSHIP OF PARSIPPANY-TROY HILLS
CURRENT FUND
SCHEDULE OF LOCAL SCHOOL DISTRICT TAXES PAYABLE

	<u>Ref.</u>		
Balance December 31, 2017	A	\$	4.00
Increased by:			
Levy - Calendar Year 2018			136,901,256.00
			<u>136,901,260.00</u>
Decreased by:			
Payments to Local School District			136,901,258.00
			<u>136,901,258.00</u>
Balance December 31, 2018	A	\$	<u><u>2.00</u></u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
CURRENT FUND
SCHEDULE OF SPECIAL EMERGENCY NOTES PAYABLE

Date Authorized	Purpose	Date of		Interest Rate	Balance Dec. 31, 2017	Issued	Matured	Balance Dec. 31, 2018
		Issue	Maturity					
Various	Accrued Vacation and Sick Time Liabilities	12/21/2017	12/20/2018	1.9998%	\$ 1,606,000.00	\$ 1,883,000.00	\$ 1,606,000.00	\$ 1,883,000.00
		12/28/2018	12/27/2019	3.14159%		\$ 1,883,000.00	\$ 1,606,000.00	\$ 1,883,000.00
					\$ 1,606,000.00	\$ 1,883,000.00	\$ 1,606,000.00	\$ 1,883,000.00
				<u>Ref.</u>	A			A
				New Issue		\$ 1,883,000.00		
				Retired			\$ 1,606,000.00	
						\$ 1,883,000.00	\$ 1,606,000.00	\$ 1,883,000.00

TOWNSHIP OF PARSIPPANY-TROY HILLS
FEDERAL AND STATE GRANT FUND
SCHEDULE OF FEDERAL AND STATE GRANTS RECEIVABLE

Grant	Balance Dec 31, 2017	2018 Revenue Realized	Received in Current Fund	Transfer from Unappropriated Reserves	Canceled	Balance Dec 31, 2018
Clean Communities Program		\$ 103,698.19	\$ 103,698.19			
Recycling Tonnage Grant	\$ 8,000.00	158,289.38		\$ 158,289.38	\$ 8,000.00	
State of NJ Pedestrian Grant FY 2011	9,900.00				9,900.00	
State of NJ Pedestrian Grant FY 2013	889.62				889.62	
Municipal Alliance Grant 2014/2015	13,737.27				13,737.27	
Municipal Alliance Grant 2015 Extension	3,300.00				3,300.00	
Municipal Alliance Grant 2016	2,088.26				2,088.26	
Municipal Alliance Grant 2016/2017	23,143.00					\$ 23,143.00
Municipal Alliance Grant 2017/2018		28,143.00				28,143.00
Municipal Alliance Grant 2018/2019		2,000.00	2,000.00			
Municipal Alliance Grant 2017/2018 Extension		5,500.00	5,500.00			
Click It or Ticket						
Highlands Initial Assessment	24,057.67					24,057.67
Drive Sober or Get Pulled Over 2016	5,000.00					
Drive Sober or Get Pulled Over 2017	5,500.00				5,000.00	
Alcohol Education, Rehabilitation and Enforcement Fund		3,588.39	3,588.39	1,672.84		
Alcohol Education, Rehabilitation and Enforcement Fund		1,672.84			2,275.44	
ROID Grant	2,275.44				330.00	
Distracted Driving Crackdown 2017						
Distracted Driving Crackdown 2018			6,600.00			
Smith-Baldwin House Renovation	222,449.00					222,449.00
Highway Safety - Safe Corridors		1,861.70	1,861.70			
Waste Water Homeland Security Grant		150,000.00	150,000.00			
Emergency Management Performance Grant		9,400.00	9,400.00			
Donation - New Store Grant Community Relations		3,000.00	3,000.00			
Traffic Safety Mimi Grant		500.00	500.00			
	<u>\$ 320,670.26</u>	<u>\$ 474,253.50</u>	<u>\$ 286,148.28</u>	<u>\$ 159,962.22</u>	<u>\$ 45,520.59</u>	<u>\$ 303,292.67</u>

Ref.

Original Budget
 Added by NJSA 40A:4-87

A

TOWNSHIP OF PARSIPPANY-TROY HILLS
FEDERAL AND STATE GRANT FUND
SCHEDULE OF UNAPPROPRIATED RESERVES

Grant	Balance Dec 31, 2017	Received in Current Fund	Budget Revenue Realized	Balance Dec 31, 2018
Recycling Tonnage Grant	\$ 158,289.38		\$ 158,289.38	
Alcohol Education, Rehabilitation and Enforcement Fund	1,672.84		1,672.84	
Drunk Driving Enforcement Fund		\$ 2,117.50		\$ 2,117.50
Fire Prevention Donation		2,000.00		2,000.00
National Priority Safety Program Grant / Pedestrian Safety Grant		12,210.00		12,210.00
Community Relations Grant		1,172.00		1,172.00
ROID Grant		2,275.44		2,275.44
	<u>\$ 159,962.22</u>	<u>\$ 19,774.94</u>	<u>\$ 159,962.22</u>	<u>\$ 19,774.94</u>

Ref.

A

A

TOWNSHIP OF PARSIPPANY-TROY HILLS
FEDERAL AND STATE GRANT FUND
SCHEDULE OF APPROPRIATED RESERVES

Grant	Balance Dec 31, 2017		Transfer from 2018 Budget Appropriations		Due to Current Fund Paid or Charged		Canceled	Balance Dec 31, 2018
Drunk Driving Enforcement Fund - FY 2015	\$	3,111.68						\$ 3,111.68
Drunk Driving Enforcement Fund - FY 2016		8,098.96						8,098.96
Drunk Driving Enforcement Fund - FY 2017		9,660.07						9,660.07
Clean Communities Program - FY 2018			\$	103,698.19	\$	74,208.27		29,489.92
Clean Communities Program - FY 2017		31,248.57				30,048.57		1,200.00
Pedestrian Safety Grant - FY 2013		10,800.00					\$ 10,800.00	
Highway Safety - Aggressive Driving Grant - 2015		647.41					647.41	
Highway Safety - Aggressive Driving Grant - 2016		1,020.77					1,020.77	
Highway Safety - Aggressive Driving Grant - 2017		4,600.00					4,600.00	
Highway Safety - Safe Corridors FY17				1,861.70				1,861.70
Highway Safety - Safe Corridors FY16		3,099.91					3,099.91	
Rutgers Watershed		1,400.19						1,400.19
Body Armor Replacement Fund - FY 2016		3,213.77				3,213.77		
Body Armor Replacement Fund - FY 2017		8,695.20				2,776.64		5,918.56
No Net Loss Grant - PF14-07		16,046.68				13,545.25		2,501.43
Recycling Tonnage Grant - FY 2018				158,289.38		50,405.69		107,883.69
Recycling Tonnage Grant - FY 2017		6,700.36				6,700.36		
Hazardous Discharge Site Remediation		3,940.00						3,940.00
Emergency Assistance FY 2012		527.85						527.85
Emergency Assistance FY 2014		5,000.00						5,000.00
Civil Defense Donation - Radiation Detection		1,401.62						1,401.62
Waste Water Homeland Security Grant				150,000.00		150,000.00		

TOWNSHIP OF PARSIPPANY-TROY HILLS
FEDERAL AND STATE GRANT FUND
SCHEDULE OF APPROPRIATED RESERVES
(Continued)

Grant	Balance Dec 31, 2017	Transfer from 2018 Budget Appropriations	Due to Current Fund		Canceled	Balance Dec 31, 2018
			Paid or Charged			
Municipal Alliance 2014/2015	\$ 13,556.72				\$ 13,556.72	
Municipal Alliance Match	1,928.50					\$ 1,928.50
Municipal Alliance 2015/16	11,739.67				11,739.67	
Municipal Alliance Match	8,184.14					8,184.14
Municipal Alliance 2017/18	28,143.00		\$ 28,143.00			
Municipal Alliance Match 2017/18	7,036.00		7,036.00			
Municipal Alliance Extension		\$ 2,000.00				2,000.00
Municipal Alliance Extension Match		1,000.00				1,000.00
Municipal Alliance 2018/19		28,143.00				28,143.00
Municipal Alliance Match 2018/19		7,036.00				7,036.00
Alcohol Education, Rehabilitation and Enforcement Fund - 2013	2,638.73					2,638.73
Alcohol Education, Rehabilitation and Enforcement Fund - 2014	413.56					413.56
Alcohol Education, Rehabilitation and Enforcement Fund - 2018	25,258.57	5,261.23				5,261.23
Highlands Initial Assessment Grant	10,310.00					25,258.57
Storm Regulation	200.00					10,310.00
Drive Sober or Get Pulled Over 2016	4,050.00				200.00	
Drive Sober or Get Pulled Over 2017	70.06					
Donation - Community Partnership	1,000.00			4,050.00		
Donation - Senior Activities FY 2013	1,500.00			70.06		
Donation - Volunteer Ambulance	600.00					1,000.00
Click It or Ticket 2013 Seat Belt Mobilization	4,600.00					1,500.00
Click It or Ticket 2017					600.00	
Click It or Ticket 2018		5,500.00			4,600.00	

TOWNSHIP OF PARSIPPANY-TROY HILLS
FEDERAL AND STATE GRANT FUND
SCHEDULE OF APPROPRIATED RESERVES

(Continued)

Grant	Balance Dec 31, 2017	Transfer from 2018 Budget Appropriations	Due to Current Fund		Canceled	Balance Dec 31, 2018
			Paid or Charged			
ROID Grant 2016-2017	\$ 20,000.00		\$ 17,724.56		\$ 2,275.44	
ROID Grant 2016-2017 Match	4,000.00		4,000.00			
Stream Cleaning and Desnagging	300,000.00					\$ 300,000.00
Federal Emergency Management Agency:						
Emergency Management Performance Guarantee	7,000.00	\$ 9,400.00				16,400.00
Distracted Driving Crackdown 2018		6,600.00	6,367.50			232.50
Distracted Driving Crackdown 2017	330.00				330.00	
Smith-Baldwin House Renovation:						
Grant Funds	222,449.00					222,449.00
Matching Funds	55,612.00					55,612.00
Donation - New Store Grant Community Relations		3,000.00				3,000.00
Traffic Safety Mini Grant		500.00	490.78			9.22
Senior Citizen of the Year Award - Charitable Trust Donation	6,000.00					6,000.00
	<u>\$ 855,832.99</u>	<u>\$ 482,289.50</u>	<u>\$ 404,280.45</u>		<u>\$ 53,469.92</u>	<u>\$ 880,372.12</u>
	Ref.	A				A
Grant Funds:						
Original Budget	\$ 322,391.80					
Added by NISA 40A:4-87	151,861.70					
	<u>474,253.50</u>					
Matching Share	8,036.00					
	<u>\$ 482,289.50</u>					

TOWNSHIP OF PARSIPPANY-TROY HILLS
COUNTY OF MORRIS
2018
TRUST FUNDS

TOWNSHIP OF PARSIPPANY-TROY HILLS
TRUST FUNDS
SCHEDULE OF CASH - TREASURER

	<u>Ref.</u>	<u>Animal Control Fund</u>	<u>Other Trust Funds</u>
Balance December 31, 2017	B	\$ 107,982.52	\$ 19,811,502.92
Increased by Receipts:			
Animal Control Fees		\$ 28,773.00	
Due to State of New Jersey		3,111.00	
Miscellaneous		17,001.75	
Reserve for Donations		3,218.60	
Due from Current Fund - Budget Appropriation		170,000.00	
Special Deposits			\$ 4,670,449.55
Police Explorer Program			3,661.65
Premiums on Tax Sale			680,521.42
Security Deposits			28.59
Off Duty Police Deposits			1,267,155.86
LOSAP			791,664.93
Employee Health Benefit Self Insurance Fund - Municipal			12,286,112.19
Open Space Trust Fund Deposits and Interest			1,570,004.64
Worker's Compensation			1,160,631.71
Unemployment Insurance Trust Fund Deposits			260,777.03
Employee Health Benefit Self Insurance Fund - Contractor			12,390,784.76
Federal Grants Receivable			310,960.20
Community Block Grant Reimbursements			23,173.93
Due from General Capital Fund			235,000.00
Due from Municipal Court			2,302.00
Due to Current Fund			331,596.22
		<u>222,104.35</u>	<u>35,984,824.68</u>
		330,086.87	55,796,327.60
Decreased by Disbursements:			
Due to State of New Jersey		2,965.60	
Expenditures Under R.S. 4:19-15.11		226,250.07	
Paid to Current Fund		25,754.54	
Due to Federal and State Grant Fund			55,612.00
Due to Golf and Recreation Utility Operating Fund			31,784.18
Off Duty Police			1,166,102.09
Special Deposits			3,101,889.97
Police Explorer Program			11,086.90
Employee Health Benefit Self Insurance Fund - Municipal			12,076,417.37
Employee Health Benefit Self Insurance Fund - Contractor			12,774,803.46
Reserve for LOSAP			634,726.13
Premiums on Tax Sale			760,145.42
Municipal Open Space Preservation Trust Fund			1,376,135.68
Worker's Compensation			1,406,124.87
Unemployment Insurance Trust Fund Expenditures			41,967.35
Federal Grant Fund Expenditures			310,960.20
		<u>254,970.21</u>	<u>33,747,755.62</u>
Balance December 31, 2018	B	<u>\$ 75,116.66</u>	<u>\$ 22,048,571.98</u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
ANIMAL CONTROL FUND
SCHEDULE OF RESERVE FOR ANIMAL CONTROL FUND EXPENDITURES

	<u>Ref.</u>		
Balance December 31, 2017	B		\$ 58,851.40
Increased by:			
Animal License Fees Collected		\$ 28,773.00	
Late Fees		1,325.00	
Miscellaneous Fees		15,676.75	
Budget Appropriation		<u>170,000.00</u>	
			<u>215,774.75</u>
			274,626.15
Decreased by:			
Animal Control Fund Expenditures Under R.S. 4:19-15.11			<u>226,250.07</u>
Balance December 31, 2018	B		<u><u>\$ 48,376.08</u></u>

License Fees Collected

<u>Year</u>	<u>Amount</u>
2016	\$ 27,641.00
2017	<u>30,084.00</u>
Maximum Allowable Reserve	<u><u>\$ 57,725.00</u></u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
COUNTY OF MORRIS
2018
GENERAL CAPITAL FUND

TOWNSHIP OF PARSIPPANY-TROY HILLS
GENERAL CAPITAL FUND
SCHEDULE OF CASH

	<u>Ref.</u>	
Balance December 31, 2017	C	\$ 671,612.05
Increased by Receipts:		
Current Fund Budget Appropriation:		
Capital Improvement Fund	\$ 626,153.00	
Grants Receivable:		
Federal Emergency Management Agency	1,086,841.18	
Reserve for Payment of Debt Service:		
Premium on Note Sale	348,005.00	
Bond Anticipation Notes Issued	23,500,000.00	
Improvement Authorization Refunds	31,892.73	
		25,592,891.91
		26,264,503.96
Decreased by Disbursements:		
Improvement Authorization Expenditures	13,712,898.71	
Due to Current Fund as Anticipated Revenue:		
Reserve for Payment of Debt Service	500,000.00	
Fund Balance	100,000.00	
Due to/from Current Fund - Interfund Advanced	35,725.00	
		14,348,623.71
Balance December 31, 2018	C	\$ 11,915,880.25

TOWNSHIP OF PARSIPPANY-TROY HILLS
GENERAL CAPITAL FUND
ANALYSIS OF CASH

Ord. No.	Improvement Description	Receipts			Disbursements			Balance (Deficit) Dec. 31, 2018
		Other	Budget Appropriation	Bonds Anticipation Notes	Improvement Authorizations	Other	Transfers From To	
	Fund Balance							
	Capital Improvement Fund							
	Due from Current Fund		\$ 626,153.00				\$ 584,003.00	\$ 315,631.64
	Due from Other Trust Funds - Open Space						245,000.00	73,158.00
	Deposit For Regional Contribution Agreement						235,000.00	(280,725.00)
	Federal Emergency Management Agency Grant Receivable	\$ 1,086,841.18						(235,000.00)
	New Jersey Department of Transportation Grant Receivable							261,420.19
	County of Morris Open Space Grant Receivable							(2,123,079.60)
	Reserve for Developer Contributions - Road Improvement							(247,176.35)
	Reserve for Emergency Preparedness							79,652.68
	Reserve to Pay Debt Service	348,005.00				500,000.00		122,442.50
								1,423,598.62
								(2,176.35)
								79,652.68
								122,442.50
								1,423,598.62
								(3,408.32)
								5,611.36
								89,042.65
								16,514.00
								111,425.00
								146,675.32
								125,970.55
								(59,234.02)
								85,306.78
								(1,886,295.53)
								549,514.45
								1,821.28
								21,778.27
								2,718,640.26
								8,636,240.02
								148,437.62
								(550,161.72)
								3,764,105.93
								3,764,105.93
								635,725.00
								13,712,898.71
								23,500,000.00
								626,153.00
								1,466,738.91
								671,612.05
								11,915,880.25

TOWNSHIP OF PARSIPPANY-TROY HILLS
GENERAL CAPITAL FUND
CAPITAL IMPROVEMENT FUND

	<u>Ref.</u>	
Balance December 31, 2017	C	\$ 31,008.00
Increased by:		
Budget Appropriations		<u>626,153.00</u>
		657,161.00
Decreased by:		
Appropriated to Finance Improvement Authorizations		<u>584,003.00</u>
Balance December 31, 2018	C	<u><u>\$ 73,158.00</u></u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
GENERAL CAPITAL FUND
SCHEDULE OF BOND ANTICIPATION NOTES
YEAR ENDED DECEMBER 31, 2018

Ord. No.	Improvement Description	Date of		Interest Rate	Issued	Balance Dec. 31, 2018
		Original Issue	Issue			
13-14	Various Capital Improvements	11/15/18	11/15/18	11/15/19	\$ 400,000.00	\$ 400,000.00
17-09	Acquisition by Purchase of Properties	11/15/18	11/15/18	11/15/19	1,700,000.00	1,700,000.00
17-11	Various Capital Improvements	11/15/18	11/15/18	11/15/19	9,000,000.00	9,000,000.00
17-24	Acquisition and Installation of 700/800 MHz Emergency Services Digital Radio System	11/15/18	11/15/18	11/15/19	9,880,000.00	9,880,000.00
18-05	Various Road and Sidewalk Improvements	11/15/18	11/15/18	11/15/19	2,520,000.00	2,520,000.00
					<u>\$ 23,500,000.00</u>	<u>\$ 23,500,000.00</u>

Ref.

C

TOWNSHIP OF PARSIPPANY-TROY HILLS
GENERAL CAPITAL FUND
SCHEDULE OF SERIAL BONDS PAYABLE

Purpose	Date of Issue	Original Issue	Maturities of Bonds		Interest Rate	Balance Dec. 31, 2017	Matured	Balance Dec. 31, 2018
			Outstanding Date	Amount Dec. 31, 2018				
General Improvements	07/01/2008	\$ 17,000,000.00	7/1/2019	\$ 2,000,000.00	4.00%	\$ 4,000,000.00	\$ 2,000,000.00	\$ 2,000,000.00
General Improvements	10/26/2010	14,425,000.00	11/1/2019	1,150,000.00	2.75%	6,900,000.00	1,150,000.00	5,750,000.00
			11/1/2020-23	1,150,000.00	3.00%			
General Improvements	09/07/2017	43,827,000.00	9/15/2019	2,450,000.00	2.00%	43,827,000.00	2,367,000.00	41,460,000.00
			9/15/2020-23	3,000,000.00	2.00%			
			9/15/2024-25	4,000,000.00	2.50%			
			9/15/2026-28	4,000,000.00	3.00%			
			9/15/2029	3,500,000.00	3.00%			
			9/15/2030	3,510,000.00	2.50%			
						\$ 54,727,000.00	\$ 5,517,000.00	\$ 49,210,000.00

Ref.

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C

TOWNSHIP OF PARSIPPANY-TROY HILLS
GENERAL CAPITAL FUND
SCHEDULE OF REFUNDING BONDS

Purpose	Date of Issue	Original Issue	Maturities of Bonds		Interest Rate	Balance Dec. 31, 2017	Matured	Balance Dec. 31, 2018
			Outstanding Dec. 31, 2018	Amount				
Refunding Bonds	5/15/2012	\$ 15,190,000.00	7/15/2019	\$ 180,000.00	4.00%			
			7/15/2019	1,035,000.00	5.00%			
			7/15/2020	1,270,000.00	4.00%			
			7/15/2021	1,300,000.00	4.00%			
			7/15/2022	1,340,000.00	5.00%			
			7/15/2023	1,460,000.00	5.00%			
			7/15/2024	1,470,000.00	4.00%			
			7/15/2025	1,465,000.00	4.00%			
						\$ 10,705,000.00	\$ 1,185,000.00	\$ 9,520,000.00
						\$ 10,705,000.00	\$ 1,185,000.00	\$ 9,520,000.00

Ref.

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C

TOWNSHIP OF PARSIPPANY-TROY HILLS
GENERAL CAPITAL FUND
SCHEDULE OF GREEN ACRES TRUST ACQUISITION LOAN PAYABLE
YEAR ENDED DECEMBER 31, 2018

NOT APPLICABLE

TOWNSHIP OF PARSIPPANY-TROY HILLS
GENERAL CAPITAL FUND
SCHEDULE OF BONDS AND NOTES AUTHORIZED BUT NOT ISSUED

Ord. No.	Improvement Description	Balance	2018	Bonds	Balance
		Dec. 31, 2017	Improvement Authorizations	Anticipation Notes	Dec. 31, 2018
91-27	Regional Contribution Agreement - City of Newark	\$ 453,643.69			\$ 453,643.69
06-08	Various Capital Improvements	3,408.32			3,408.32
13-14	Various Capital Improvements	999,875.63	\$	400,000.00	599,875.63
14-27	Various Capital Improvements	999,891.06			999,891.06
15-22	Various Capital Improvements	2,496,205.75			2,496,205.75
16-16	Various Capital Improvements	2,999,928.24			2,999,928.24
17-09	Acquisition by Purchase of Properties	1,757,500.00		1,700,000.00	57,500.00
17-11	Various Capital Improvements	9,654,568.00		9,000,000.00	654,568.00
17-24	Acquisition and Installation of 700/800 MHz Emergency Services Digital Radio System	9,880,000.00		9,880,000.00	
18-05	Various Road and Sidewalk Improvements		\$ 2,869,000.00	2,520,000.00	349,000.00
18-17	Various Capital Improvements		12,692,064.00		12,692,064.00
		<u>\$ 29,245,020.69</u>	<u>\$ 15,561,064.00</u>	<u>\$ 23,500,000.00</u>	<u>\$ 21,306,084.69</u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
COUNTY OF MORRIS
2018
WATER UTILITY FUND

TOWNSHIP OF PARSIPPANY-TROY HILLS
WATER UTILITY FUND
SCHEDULE OF CASH-TREASURER

	<u>Ref.</u>	<u>Operating</u>	<u>Capital</u>
Balance December 31, 2017	D	\$ 6,752,863.43	\$ 3,213,648.32
Increased by Receipts:			
Consumer Accounts Receivable	\$	7,983,096.25	
Water Rent Overpayments		31,856.34	
Interest on Investments		40,897.34	
Miscellaneous Revenue		62,981.64	
Due to/from Current Fund		2,798.06	
Due from Water Utility Capital Fund - Interfund Returned		12,867.51	
Received from Water Utility Operating Fund Budget Appropriation:			
Capital Improvement Fund		6,939.17	265,000.00
Appropriation Refunds			
Bond Anticipation Notes Issued		8,141,436.31	2,765,000.00
		<u>14,894,299.74</u>	<u>5,978,648.32</u>
Decreased by Disbursements:			
2018 Appropriation Expenditures		8,038,096.34	
2017 Appropriation Reserves		308,174.70	
Accrued Interest on Bonds		174,987.56	
Accrued Interest on Loans		2,028.70	
Water Rent Overpayments		4,222.18	
Reserve for Preliminary Expense			34,235.83
Due to Current Fund:			
Fund Balance Utilized as Anticipated Revenue		655,000.00	12,867.51
Due to Water Utility Operating Fund - Interfund Returned			1,095,567.63
Improvement Authorizations		9,182,509.48	1,142,670.97
Balance December 31, 2018	D	<u>\$ 5,711,790.26</u>	<u>\$ 4,835,977.35</u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
WATER UTILITY OPERATING FUND
SCHEDULE OF CONSUMER ACCOUNTS RECEIVABLE

	<u>Ref.</u>	
Balance December 31, 2017	D	\$ 199,377.62
Increased by:		
Water Rents Levied		8,019,431.52
		<u>8,218,809.14</u>
Decreased by:		
Collections:		
Water Collections	\$ 7,983,096.25	
Overpayments Applied	<u>23,947.45</u>	
		<u>8,007,043.70</u>
Balance December 31, 2018	D	<u><u>\$ 211,765.44</u></u>

WATER UTILITY OPERATING FUND
SCHEDULE OF WATER UTILITY LIENS RECEIVABLE

	<u>Ref.</u>	
Balance December 31, 2017	D	<u>\$ 252.57</u>
Balance December 31, 2018	D	<u><u>\$ 252.57</u></u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
WATER UTILITY OPERATING FUND
SCHEDULE OF INVENTORY

	<u>Ref.</u>	
Balance December 31, 2017	D	\$ 144,435.00
Add: Net Inventory Increase		<u>21,870.00</u>
Balance December 31, 2018	D	<u>\$ 166,305.00</u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
WATER UTILITY CAPITAL FUND
SCHEDULE OF FIXED CAPITAL

	Balance Dec. 31, 2017	Balance Dec. 31, 2018
Organization	\$ 1,769.20	\$ 1,769.20
Reservation Land	2,653.66	2,653.66
Other Sources - Supply Land	109.76	109.76
Pumping System Land	54,322.42	54,322.42
Storage Reservoir Land	717.00	717.00
Other Distribution System Land	1,720.00	1,720.00
Miscellaneous Land	1,590.00	1,590.00
Wells	908,299.00	908,299.00
Pumping Station Structures	343,457.98	343,457.98
Electric Pumping Equipment	47,817.03	47,817.03
Diesel Power Pumping Equipment	13,263.45	13,263.45
Transmission Mains	75,935.26	75,935.26
Storage Reservoirs	557,680.19	557,680.19
Distribution Mains	737,619.75	737,619.75
Service Pipes	21,814.48	21,814.48
Meters	567,817.53	567,817.53
Fire Hydrants	116,661.59	116,661.59
General Equipment	1,581,670.19	1,581,670.19
Engineering and Superintendence	47,248.53	47,248.53
Legal Expenditures During Construction	8,054.14	8,054.14
Damage During Construction	15,000.00	15,000.00
Interest During Construction	13,971.95	13,971.95
Ditching and Grading Machines	47,482.90	47,482.90
Burroughs Bookkeeping Machine	3,735.67	3,735.67
Grawdall Shovel	30,795.00	30,795.00
Backhoe and Shovel	39,863.00	39,863.00
Office Equipment	16,358.00	16,358.00
Miscellaneous Equipment	466,632.09	466,632.09
Trucks and Automobiles	418,570.65	418,570.65
Vehicles and Equipment	678,000.00	678,000.00
Main Extensions	958,249.07	958,249.07
Communication Equipment	52,089.00	52,089.00
Compressors	5,400.00	5,400.00
Tractor Mower	1,759.00	1,759.00
Phillips Bookkeeping Machine and Related Costs	60,498.45	60,498.45
Improvement of Water Supply and Distribution System	25,441,177.16	25,441,177.16
Meter Reader System	2,606,000.00	2,606,000.00
Issuance Costs - Various	572,645.00	572,645.00
Various Major Information Technology and Telecommunications Equipment	60,000.00	60,000.00
	<u>\$ 36,578,448.10</u>	<u>\$ 36,578,448.10</u>
	D	D

TOWNSHIP OF PARSIPPANY-TROY HILLS
WATER UTILITY CAPITAL FUND
SCHEDULE OF FIXED CAPITAL AUTHORIZED AND UNCOMPLETED

Improvement Description	Ord. No.	Balance Dec.31, 2017	2018 Authorizations	Balance Dec.31, 2018
<u>General Improvements:</u>				
Improvements to Water Utility System	12-25	\$ 725,000.00		\$ 725,000.00
Improvements to Water Utility System	13-11	1,600,000.00		1,600,000.00
Improvements to Water Utility System	14-25	880,000.00		880,000.00
Improvements to Water Utility System	15-21	2,120,000.00		2,120,000.00
Improvements to Water Utility System	16-18	170,000.00		170,000.00
Improvements to Water Utility System	17-13	1,075,000.00		1,075,000.00
Improvements to Water Utility System	18-18		\$ 2,925,000.00	2,925,000.00
		<u>\$ 6,570,000.00</u>	<u>\$ 2,925,000.00</u>	<u>\$ 9,495,000.00</u>

Ref.

D

D

TOWNSHIP OF PARSIPPANY-TROY HILLS
WATER UTILITY OPERATING FUND
SCHEDULE OF 2017 APPROPRIATION RESERVES
YEAR ENDED DECEMBER 31, 2018

	<u>Balance</u> <u>Dec. 31, 2017</u>	<u>Balance After</u> <u>Modification</u>	<u>Paid or</u> <u>Charged</u>	<u>Balance</u> <u>Lapsed</u>
Operating:				
Salaries and Wages	\$ 19,080.36	\$ 19,080.36		\$ 19,080.36
Other Expenses	348,539.26	348,539.26	\$ 308,174.70	40,364.56
Statutory Expenditures:				
Contribution to:				
Public Employees' Retirement System	0.45	0.45		0.45
Social Security (O.A.S.I.)	26.23	26.23		26.23
	<u>\$ 367,646.30</u>	<u>\$ 367,646.30</u>	<u>\$ 308,174.70</u>	<u>\$ 59,471.60</u>

Analysis of Balance December 31, 2017

	<u>Ref.</u>	
Encumbered	D	\$ 168,132.76
Unencumbered	D	<u>199,513.54</u>
		<u>\$ 367,646.30</u>

TOWNSHIP OF PARSPAPPY-TROY HILLS
 WATER UTILITY CAPITAL FUND
 SCHEDULE OF IMPROVEMENT AUTHORIZATIONS

Ord. No.	Improvement Description	Ordinance Date	Amount	Balance Dec. 31, 2017		Capital Improvement Fund	2018 Authorizations		Balance Dec. 31, 2018	
				Funded	Unfunded		Deferred Charges to Future Revenue	Paid or Charged	Funded	Unfunded
General Improvements:										
12-25	Improvements to Water Utility System	06/19/12	725,000.00	\$ 29,456.02	\$ 61.00			\$ 29,517.02		
13-11	Improvements to Water Utility System	06/19/13	1,600,000.00	31,881.55				31,881.55		
14-25	Improvements to Water Utility System	08/21/14	880,000.00	706,401.28				373,090.00	\$ 333,311.28	
15-21	Improvements to Water Utility System	09/15/15	2,120,000.00	734,898.67				83,540.74	651,357.93	
16-18	Improvements to Water Utility System	07/19/16	170,000.00	41,550.20				1,550.20	40,000.00	
17-13	Improvements to Water Utility System	07/11/17	1,075,000.00	1,060,063.89				573,408.12	486,655.77	
18-18	Improvements to Water Utility System	09/11/18	2,925,000.00			\$ 200,000.00	\$ 2,725,000.00	2,580.00	197,420.00	\$ 2,725,000.00
				\$ 2,604,251.61	\$ 61.00	\$ 200,000.00	\$ 2,725,000.00	\$ 1,095,567.63	\$ 1,708,744.98	\$ 2,725,000.00

Ref. D D D D D

TOWNSHIP OF PARSIPPANY-TROY HILLS
WATER UTILITY CAPITAL FUND
SCHEDULE OF CAPITAL IMPROVEMENT FUND

	<u>Ref.</u>	
Balance December 31, 2017	D	\$ 314,498.22
Increased by:		
Received by 2018 Appropriation		265,000.00
		<u>579,498.22</u>
Decreased by:		
Preliminary Expenses - Rehabilitating Well #20	\$ 65,000.00	
Appropriated to Finance Improvement Authorizations	<u>200,000.00</u>	
		<u>265,000.00</u>
Balance December 31, 2018	D	<u><u>\$ 314,498.22</u></u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
WATER UTILITY CAPITAL FUND
SCHEDULE OF RESERVE FOR AMORTIZATION

	<u>Ref.</u>	
Balance December 31, 2017	D	\$ 34,392,819.80
Increased by:		
Water Utility Operating Budget:		
Serial Bonds		\$ 714,000.00
Infrastructure Loans		26,853.22
Transfer from Deferred Reserve for Amortization		785,740.00
		<u>1,526,593.22</u>
Balance December 31, 2018	D	<u><u>\$ 35,919,413.02</u></u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
WATER UTILITY CAPITAL FUND
SCHEDULE OF DEFERRED RESERVE FOR AMORTIZATION

Ord. No.	Improvement Description	Date of Ordinance	Balance Dec. 31, 2017	2018 Authorizations	To	
					Reserve for Amortization Fixed Capital	Balance Dec. 31, 2018
<u>General Improvements:</u>						
12-25	Improvements to Water Utility System	06/19/12	\$ 73,609.00		\$ 73,609.00	
13-11	Improvements to Water Utility System	06/19/13	712,131.00		712,131.00	
14-25	Improvements to Water Utility System	08/21/14	880,000.00			\$ 880,000.00
15-21	Improvements to Water Utility System	09/15/15	125,000.00			125,000.00
16-18	Improvements to Water Utility System	07/19/16	170,000.00			170,000.00
18-18	Improvements to Water Utility System	09/11/18		\$ 200,000.00		200,000.00
			<u>\$ 1,960,740.00</u>	<u>\$ 200,000.00</u>	<u>\$ 785,740.00</u>	<u>\$ 1,375,000.00</u>
		<u>Ref.</u>				<u>D</u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
WATER UTILITY CAPITAL FUND
SCHEDULE OF BOND ANTICIPATION NOTES PAYABLE
YEAR ENDED DECEMBER 31, 2018

Ord. No.	Improvement Description	Date of			Interest Rate	Issued	Balance Dec. 31, 2018
		Original Issue	Issue	Maturity			
18-18	Improvements to Water Utility System	11/15/2018	11/15/2018	11/15/2019	3.25%	\$ 2,500,000.00	\$ 2,500,000.00

Ref. D

TOWNSHIP OF PARSIPPANY-TROY HILLS
WATER UTILITY CAPITAL FUND
SCHEDULE OF REFUNDING BONDS PAYABLE

Purpose	Date of Issue	Original Issue	Maturities of Bonds Outstanding		Interest Rate	Balance Dec. 31, 2017	Matured	Balance Dec. 31, 2018
			Date	Amount				
Water Improvements	5/15/2012	\$ 245,000.00	7/15/2019	\$ 35,000.00	5.00%	\$ 105,000.00	\$ 35,000.00	\$ 70,000.00
			7/15/2020	35,000.00	4.00%			

Ref.

D

D

TOWNSHIP OF PARSIPPANY-TROY HILLS
WATER UTILITY CAPITAL FUND
SCHEDULE OF NJ ENVIRONMENTAL INFRASTRUCTURE LOANS PAYABLE

	<u>Ref.</u>	
Balance December 31, 2017	D	\$ 120,827.30
Less: 2018 Payment of Principal		<u>26,853.22</u>
Balance December 31, 2018	D	<u>\$ 93,974.08</u>

Schedule of Principal and Interest Payments Outstanding December 31, 2018

2001 Issue

<u>Due Date</u>	<u>Trust Loan</u>		<u>Fund Loan</u>	<u>Balance of</u>
	<u>Interest</u>	<u>Principal</u>	<u>Principal</u>	<u>Loans</u>
				\$ 93,974.08
2/1/2019	\$ 1,325.00		\$ 853.56	93,120.52
8/1/2019	1,325.00	\$ 15,000.00	10,516.51	67,604.01
2/1/2020	950.00		611.98	66,992.03
8/1/2020	950.00	20,000.00	13,495.93	33,496.10
2/1/2021	475.00		305.99	33,190.11
8/1/2021	475.00	20,000.00	13,190.11	
	<u>\$ 5,500.00</u>	<u>\$ 55,000.00</u>	<u>\$ 38,974.08</u>	

TOWNSHIP OF PARSIPPANY-TROY HILLS
WATER UTILITY CAPITAL FUND
SCHEDULE OF BONDS AND NOTES AUTHORIZED BUT NOT ISSUED

<u>Ord. No.</u>	<u>Improvement Description</u>	<u>Balance Dec.31, 2017</u>	<u>2018 Authorizations</u>	<u>Bond Anticipation Notes Issued</u>	<u>Balance Dec.31, 2018</u>
<u>General Improvements:</u>					
12-25	Improvements to Water Utility System	\$ 61.00			\$ 61.00
18-18	Improvements to Water Utility System		\$ 2,725,000.00	\$ 2,500,000.00	225,000.00
		<u>\$ 61.00</u>	<u>\$ 2,725,000.00</u>	<u>\$ 2,500,000.00</u>	<u>\$ 225,061.00</u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
COUNTY OF MORRIS
2018
SEWER UTILITY FUND

TOWNSHIP OF PARSIPPANY-TROY HILLS
SEWER UTILITY FUND
SCHEDULE OF CASH AND INVESTMENTS - TREASURER

	Ref.	Operating	Capital
Balance December 31, 2017	E	\$ 10,911,055.77	\$ 10,965,855.63
Increased by Receipts:			
Sewer Rents and Septage Removal Receivable		\$ 15,233,198.96	
Miscellaneous Revenue		739,177.00	
Interest Earned on Investments		124,220.78	
Prepaid Sewer Rents		28,934.89	
Sewer Rent Overpayments		35,807.04	
Due to/from Current Fund:			
Interfund Advanced/Returned		6,010.14	
Due to/from Sewer Utility Operating Fund:			
Interfund Returned			\$ 300,000.00
Due to Sewer Utility Operating Fund - Interest Earned		86,727.67	86,727.67
Due from Sewer Utility Capital Fund - Interest Earned			
Due from Sewer Utility Capital Fund:			
Capital Fund Balance Utilized as Anticipated Revenue		300,000.00	
Received from Sewer Utility Operating Fund Budget Appropriation:			4,500,000.00
Bond Anticipation Notes Payable			515,000.00
Capital Improvement Fund			
Appropriation Refunds		4,093.45	
		16,558,169.93	5,401,727.67
		27,469,225.70	16,367,583.30
Decreased by Disbursements:			
2018 Appropriation Expenditures		13,848,521.50	
2017 Appropriation Reserves		485,400.62	
Interest on Bonds		259,936.66	
Interest on Loans		180,621.96	
Due to Current Fund:			
Fund Balance Utilized as Anticipated Revenue		2,300,000.00	
Due to Sewer Utility Operating Fund:			
Interest Earned			86,727.67
Capital Fund Balance Utilized as Anticipated Revenue			300,000.00
Due to/from Sewer Utility Capital Fund:			
Interfund Returned		300,000.00	
Sewer Rent Overpayments		4,069.75	
Refund of Miscellaneous Revenue		2,910.58	
Improvement Authorization Expenditures			4,740,135.26
		17,381,461.07	5,126,862.93
Balance December 31, 2018	E	\$ 10,087,764.63	\$ 11,240,720.37

TOWNSHIP OF PARSIPPANY-TROY HILLS
SEWER UTILITY CAPITAL FUND
ANALYSIS OF SEWER CAPITAL CASH

	Balance/ (Deficit) Dec. 31, 2017	Receipts			Disbursements			Balance/ (Deficit) Dec. 31, 2018
		Miscellaneous	Budget Appropriation	Bond Anticipation Notes	Improvement Authorizations	Miscellaneous	Transfers From To	
Sewer Capital Fund Balance	\$ 362,235.89							\$ 62,235.89
Due Sewer Utility Operating Fund	(300,000.00)	\$ 386,727.67	\$ 515,000.00		\$ 300,000.00			466,000.00
Capital Improvement Fund	466,000.00				86,727.67			
Improvement Authorizations:								
General Improvements:								
Ord. No.								
07-20	Various Major Information Technology and Telecommunications Equipment				\$ 2,424.80			21,181.96
08-15a	Various Sewer Utility Improvements and Equipment Acquisitions	438,137.04			118,685.87			319,451.17
09-28	Township's Waste Water Treatment Plant Improvements and Upgrades to the	1,683,345.98			1,984,029.97			(300,683.99)
10-15	Various Sewer Utility Improvements	(548.81)						(548.81)
12-26	Various Sewer Utility Improvements	1,980,120.81			193,858.74			1,786,262.07
13-24	Various Sewer Utility Improvements	2,003,331.09			157,302.70			1,846,028.39
14-24	Various Sewer Utility Improvements	1,428,953.12			959,168.26			469,784.86
15-23	Various Sewer Utility Improvements	571,901.40			42,401.40			529,500.00
16-17	Various Sewer Utility Improvements	1,047,507.00			298.58			1,047,208.42
16-27	Troy Meadows Interceptor Repairs	1,277,380.35			209,350.14			1,068,030.21
17-12	Various Sewer Utility Improvements	(16,115.00)			934,814.80			(950,929.80)
18-04	Upgrade and Replacement of Generators			\$ 4,000,000.00	137,800.00			3,862,200.00
18-20	Acquisition of a Sewer Jet Vacuum Truck			500,000.00				500,000.00
18-21	Acquisition of Vehicles and Replacement Water Meters						\$ 515,000.00	515,000.00
		\$ 10,965,855.63	\$ 386,727.67	\$ 515,000.00	\$ 4,740,135.26	\$ 386,727.67	\$ 515,000.00	\$ 11,240,720.37

TOWNSHIP OF PARSIPPANY-TROY HILLS
SEWER UTILITY OPERATING FUND
SCHEDULE OF CONSUMER ACCOUNTS RECEIVABLE

	Balance	2018 Billings		Cash Receipts	Applied		Balance
	Dec.31, 2017	2018	2018		Prepays	Overpayments	Dec.31, 2018
Sewer Rents:							
Residential and Industrial	\$ 225,934.32	\$ 10,601,869.69	\$ 10,082,679.92	\$	0.02	\$ 34,979.40	\$ 710,144.67
Municipalities:							
Township of East Hanover	736,484.21	1,527,276.46	1,813,470.36				450,290.31
Township of Montville	112,334.61	2,144,564.06	2,256,898.67				81,959.50
Borough of Mountain Lakes	37,522.68	411,539.82	367,103.00				33,526.79
Township of Denville	1,112,275.82	70,647.71	34,940.40		2,180.52		1,275,921.27
Septage Removal	264,275.02	14,755,897.74	14,555,092.35		2,180.54	34,979.40	353,738.30
	<u>\$ 1,376,550.84</u>	<u>\$ 15,523,467.63</u>	<u>\$ 15,233,198.96</u>	<u>\$</u>	<u>2,180.54</u>	<u>\$ 34,979.40</u>	<u>\$ 1,629,659.57</u>

Ref. E

Realized Sewer Rents Revenue

Cash Collections	\$ 14,555,092.35
Prepays Applied	2,180.54
Overpayments Applied	34,979.40
	<u>\$ 14,592,252.29</u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
SEWER UTILITY OPERATING FUND
SCHEDULE OF SEWER UTILITY LIENS RECEIVABLE

	<u>Ref.</u>	
Balance December 31, 2017	E	\$ <u>721.81</u>
Balance December 31, 2018	E	\$ <u><u>721.81</u></u>

SEWER UTILITY OPERATING FUND
SCHEDULE OF INVENTORY

	<u>Ref.</u>	
Balance December 31, 2017	E	\$ 77,549.00
Add: Net Inventory Increase		<u>4,282.00</u>
Balance December 31, 2018	E	\$ <u><u>81,831.00</u></u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
SEWER UTILITY CAPITAL FUND
SCHEDULE OF FIXED CAPITAL

	Balance Dec.31, 2017	Balance Dec.31, 2018
Sanitary Sewer Facilities	\$ 136,740,520.66	\$ 136,740,520.66
Equipment	1,100,405.00	1,100,405.00
Moving Equipment	208,719.84	208,719.84
Office Equipment	2,784.12	2,784.12
Maintenance Equipment	28,361.31	28,361.31
Communication Equipment	156,798.58	156,798.58
Automotive Equipment	50,539.44	50,539.44
Vehicles	140,000.00	140,000.00
Outflow Line	19,462.30	19,462.30
Issuance Costs - Various	1,892,465.00	1,892,465.00
	<u>\$ 140,340,056.25</u>	<u>\$ 140,340,056.25</u>
<u>Ref.</u>	E	E

TOWNSHIP OF PARSIPPANY-TROY HILLS
SEWER UTILITY OPERATING FUND
SCHEDULE OF 2017 APPROPRIATION RESERVES
YEAR ENDED DECEMBER 31, 2018

	<u>Balance</u> <u>Dec. 31, 2017</u>	<u>Balance After</u> <u>Modification</u>	<u>Paid or</u> <u>Charged</u>	<u>Balance</u> <u>Lapsed</u>
Operating:				
Salaries and Wages	\$ 142,579.58	\$ 142,579.58		\$ 142,579.58
Other Expenses	1,109,854.19	1,109,854.19	\$ 485,400.62	624,453.57
Statutory Expenditures:				
Contribution to:				
Social Security System (O.A.S.I.)	297.96	297.96		297.96
	<u>\$ 1,252,731.73</u>	<u>\$ 1,252,731.73</u>	<u>\$ 485,400.62</u>	<u>\$ 767,331.11</u>

Analysis of Balance December 31, 2017

	<u>Ref.</u>	
Encumbered	E	\$ 191,146.10
Unencumbered	E	1,061,585.63
		<u>\$ 1,252,731.73</u>

TOWNSHIP OF PARSHIPPANY-TROY HILLS
SEWER UTILITY CAPITAL FUND
SCHEDULE OF IMPROVEMENT AUTHORIZATIONS

Ord. No.	Improvement Description	Date	Ordinance Amount	Balance December 31, 2017		Capital Improvement Fund	Deferred Charges to Future Revenue	Paid or Charged	Balance December 31, 2018	
				Funded	Unfunded				Funded	Unfunded
2018 Authorizations										
07-20	Various Major Information Technology and Telecommunications Equipment	07/24/07	\$ 50,000.00	\$ 23,606.76				\$ 2,424.80	\$ 21,181.96	
08-15a	Various Sewer Utility Improvements and Equipment Acquisitions	05/13/08	3,130,000.00	438,137.04				118,685.87	319,451.17	
09-28	Improvements and Upgrades to the Township's Waste Water Treatment Plant	06/16/09	33,200,000.00	1,683,345.98	\$ 2,469,699.00			1,984,029.97		\$ 2,169,015.01
12-26	Various Sewer Utility Improvements	06/19/12	6,635,000.00	1,980,120.81				193,858.74	1,786,262.07	
13-24	Various Sewer Utility Improvements	09/18/13	4,400,000.00	2,003,331.09				157,302.70	1,846,028.39	
14-24	Various Sewer Utility Improvements	08/21/14	3,152,653.00	1,428,953.12	1,152,653.00			959,168.26	469,784.86	1,152,653.00
15-23	Various Sewer Utility Improvements	09/15/15	580,000.00	571,901.40				42,401.40	529,500.00	
16-17	Various Sewer Utility Improvements	07/19/16	1,087,000.00	1,047,507.00				298.58	1,047,208.42	
16-27	Troy Meadows Interceptor Repairs	11/22/16	1,500,000.00	1,277,380.35				209,350.14	1,068,030.21	
17-12	Troy Meadows Interceptor Repairs	07/11/17	2,475,000.00		2,458,885.00			934,814.80		1,524,070.20
18-04	Upgrade and Replacement of Generators	04/17/18	4,000,000.00				\$ 4,000,000.00	137,800.00		3,862,200.00
18-20	Acquisition of a Sewer Jet Vacuum Truck	09/11/18	500,000.00			\$ 515,000.00	500,000.00			500,000.00
18-21	Acquisition of Vehicles and Replacement Water Meters	09/11/18	515,000.00			\$ 515,000.00			515,000.00	
				\$ 10,454,283.55	\$ 6,081,237.00	\$ 515,000.00	\$ 4,500,000.00	\$ 4,740,135.26	\$ 7,602,447.08	\$ 9,207,938.21
				Ref.	E				E	E

TOWNSHIP OF PARSIPPANY-TROY HILLS
SEWER UTILITY CAPITAL FUND
SCHEDULE OF CAPITAL IMPROVEMENT FUND

	<u>Ref.</u>	
Balance December 31, 2017	E	\$ 466,000.00
Increased by:		
Sewer Operating Fund Budget Appropriation		<u>515,000.00</u>
		981,000.00
Decreased by:		
Appropriated to Finance Improvement Authorizations		<u>515,000.00</u>
Balance December 31, 2018	E	<u><u>\$ 466,000.00</u></u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
SEWER UTILITY CAPITAL FUND
SCHEDULE OF RESERVE FOR AMORTIZATION

	<u>Ref.</u>	
Balance December 31, 2017	E	\$ 137,963,916.94
Increased by:		
Sewer Utility Operating Budget:		
Serial Bonds		<u>922,000.00</u>
Balance December 31, 2018	E	<u>\$ 138,885,916.94</u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
SEWER UTILITY CAPITAL FUND
SCHEDULE OF DEFERRED RESERVE FOR AMORTIZATION

Ord. No.	Improvement Description	Date of Ordinance	2017		2018		NJFIT Loan Paydowns/ Savings Credits/ Decreases	Balance Dec. 31, 2018
			Balance Dec. 31, 2017	Authorizations	Authorizations	Balance Dec. 31, 2018		
<u>General Improvements:</u>								
07-20	Various Major Information Technology and Telecommunications Equipment	07/24/17	\$ 2,385.00			\$	2,385.00	
08-15a	Various Sewer Utility Improvements and Equipment Acquisitions	05/13/08	672,013.55			\$ 8,754.25	680,767.80	
09-28	Improvements and Upgrades to the Township's Waste Water Treatment Plant	06/16/19	12,320,780.52			1,007,281.85	13,328,062.37	
12-26	Various Sewer Utility Improvements	06/19/12	840,785.50				840,785.50	
13-24	Various Sewer Utility Improvements	09/18/13	1,121,237.50				1,121,237.50	
14-24	Various Sewer Utility Improvements	08/21/14	2,000,000.00				2,000,000.00	
15-23	Various Sewer Utility Improvements	09/15/15	580,000.00				580,000.00	
16-17	Various Sewer Utility Improvements	07/19/16	1,087,000.00				1,087,000.00	
16-27	Troy Meadows Interceptor Repairs	11/22/16	1,500,000.00				1,500,000.00	
18-21	Acquisition of Vehicles and Replacement Water Meters	09/11/18		\$ 515,000.00			515,000.00	
			\$ 20,124,202.07	\$ 515,000.00		\$ 1,016,036.10	\$ 21,655,238.17	

Ref. E

E

TOWNSHIP OF PARSIPPANY-TROY HILLS
SEWER UTILITY CAPITAL FUND
SCHEDULE OF BOND ANTICIPATION NOTES PAYABLE

Ord. No.	Improvement Description	Date of			Interest Rate	Issued	Balance Dec. 31, 2018
		Original Issue	Issue	Maturity			
18-4	Upgrade and Replacement of Generators	11/15/18	11/15/18	11/15/19	3.25%	\$ 4,000,000.00	\$ 4,000,000.00
18-20	Acquisition of a Sewer Jet Vacuum Truck	11/15/18	11/15/18	11/15/19	3.25%	500,000.00	500,000.00
						<u>\$ 4,500,000.00</u>	<u>\$ 4,500,000.00</u>

Ref. E

TOWNSHIP OF PARSIPPANY-TROY HILLS
SEWER UTILITY CAPITAL FUND
SCHEDULE OF SERIAL BONDS PAYABLE

Purpose	Date of Issue	Original Issue	Maturities of Bonds					Balance Dec. 31, 2018
			Outstanding		Interest Rate	Matured	Balance Dec. 31, 2017	
			Date	December 31, 2018 Amount				
Sewer Improvements	7/1/2008	\$ 800,000.00	7/1/2019	\$ 100,000.00	4.00%	\$ 100,000.00	\$ 100,000.00	
Sewer Improvements	10/26/2010	4,003,300.00	11/1/2019	350,000.00	2.75%	325,000.00	1,810,000.00	
			11/1/2020	350,000.00	3.00%			
			11/1/2021	370,000.00	3.00%			
			11/1/2022	370,000.00	3.00%			
			11/1/2023	370,000.00	3.00%			
Sewer Improvements	9/7/2017	7,197,000.00	9/15/2019	400,000.00	2.00%	397,000.00	6,800,000.00	
			9/15/2020	425,000.00	2.00%			
			9/15/2021-23	450,000.00	2.00%			
			9/15/2024-25	650,000.00	2.50%			
			9/15/2026-27	650,000.00	3.00%			
			9/15/2028	660,000.00	3.00%			
	9/15/2029	675,000.00	3.00%					
	9/15/2030	690,000.00	2.50%					
						7,197,000.00	6,800,000.00	
						\$ 9,532,000.00	\$ 8,710,000.00	

Ref.

E

E

TOWNSHIP OF PARSIPPANY-TROY HILLS
SEWER UTILITY CAPITAL FUND
SCHEDULE OF REFUNDING BONDS PAYABLE

Purpose	Date of Issue	Original Issue	Maturities of Bonds Outstanding		Interest Rate	Balance Dec. 31, 2017	Matured	Balance Dec. 31, 2018
			Date	Amount				
Sewer Improvements	5/15/2012	\$ 680,000.00	7/15/2019	\$ 105,000.00	5.00%	\$ 315,000.00	\$ 100,000.00	\$ 215,000.00
			7/15/2020	110,000.00	4.00%			
						<u>\$ 315,000.00</u>	<u>\$ 100,000.00</u>	<u>\$ 215,000.00</u>

Ref.

E

E

TOWNSHIP OF PARSIPPANY-TROY HILLS
SEWER UTILITY CAPITAL FUND
SCHEDULE OF NJ ENVIRONMENTAL INFRASTRUCTURE TRUST LOANS PAYABLE #1

	<u>Ref.</u>	
Balance December 31, 2017	E	\$ 110,305.95
Less: 2018 Payment of Principal		8,754.25
Balance December 31, 2018	E	\$ 101,551.70

Schedule of Principal and Interest Payments Outstanding December 31, 2018
February 2010 Issue

Due Date	Trust Loan		Fund Loan	Balance of
	Interest	Principal	Principal	Loans
				\$ 101,551.70
2/1/2019	\$ 531.41		\$ 2,201.28	99,350.42
8/1/2019	531.41	\$ 2,209.54	4,402.57	92,738.31
2/1/2020	498.82		2,201.28	90,537.03
8/1/2020	498.82	2,274.72	4,402.57	83,859.74
2/1/2021	463.11		2,201.28	81,658.46
8/1/2021	463.11	2,346.14	4,402.57	74,909.75
2/1/2022	424.75		2,201.28	72,708.47
8/1/2022	424.75	2,422.86	4,402.57	65,883.04
2/1/2023	382.84		2,201.28	63,681.76
8/1/2023	382.84	2,506.69	4,402.57	56,772.50
2/1/2024	337.72		2,201.28	54,571.22
8/1/2024	337.72	2,596.93	4,402.57	47,571.72
2/1/2025	289.80		2,201.28	45,370.44
8/1/2025	289.80	2,692.76	4,402.57	38,275.11
2/1/2026	238.77		2,201.28	36,073.83
8/1/2026	238.77	2,794.82	4,402.57	28,876.44
2/1/2027	184.42		2,201.28	26,675.16
8/1/2027	184.42	2,903.54	4,402.57	19,369.05
2/1/2028	126.63		2,201.28	17,167.77
8/1/2028	126.63	3,019.10	4,402.57	9,746.10
2/1/2029	65.20		2,201.28	7,544.82
8/1/2029	65.20	3,141.97	4,402.85	
	\$ 7,086.94	\$ 28,909.07	\$ 72,642.63	

TOWNSHIP OF PARSIPPANY-TROY HILLS
SEWER UTILITY CAPITAL FUND
SCHEDULE OF NJ ENVIRONMENTAL INFRASTRUCTURE TRUST LOANS PAYABLE #2

	<u>Ref.</u>	
Balance December 31, 2017	E	\$ 12,397,730.48
Less:		
2018 Payment of Principal		1,007,281.85
Balance December 31, 2018	E	\$ 11,390,448.63

Schedule of Principal and Interest Payments Outstanding December 31, 2018
March 2010 Issue

<u>Due Date</u>	<u>Trust Loan</u>		<u>Fund Loan</u>	<u>Balance of</u>
	<u>Interest</u>	<u>Principal</u>	<u>Principal</u>	<u>Loans</u>
				\$ 11,390,448.63
2/1/2019	\$ 79,160.00		\$ 237,427.28	11,153,021.35
8/1/2019	79,160.00	\$ 294,000.00	474,854.57	10,384,166.78
2/1/2020	73,280.00		237,427.28	10,146,739.50
8/1/2020	73,280.00	303,000.00	474,854.57	9,368,884.93
2/1/2021	67,220.00		237,427.28	9,131,457.65
8/1/2021	67,220.00	319,000.00	474,854.57	8,337,603.08
2/1/2022	60,840.00		237,427.28	8,100,175.80
8/1/2022	60,840.00	332,000.00	474,854.57	7,293,321.23
2/1/2023	54,200.00		237,427.28	7,055,893.95
8/1/2023	54,200.00	346,000.00	474,854.57	6,235,039.38
2/1/2024	47,280.00		237,427.28	5,997,612.10
8/1/2024	47,280.00	355,000.00	474,854.57	5,167,757.53
2/1/2025	40,180.00		237,427.28	4,930,330.25
8/1/2025	40,180.00	369,000.00	474,854.57	4,086,475.68
2/1/2026	32,800.00		237,427.28	3,849,048.40
8/1/2026	32,800.00	388,000.00	474,854.57	2,986,193.83
2/1/2027	25,040.00		237,427.28	2,748,766.55
8/1/2027	25,040.00	400,000.00	474,854.57	1,873,911.98
2/1/2028	17,040.00		237,427.28	1,636,484.70
8/1/2028	17,040.00	419,000.00	474,854.57	742,630.13
2/1/2029	8,660.00		237,427.28	505,202.85
8/1/2029	8,660.00	433,000.00	72,202.85	
	\$ 1,011,400.00	\$ 3,958,000.00	\$ 7,432,448.63	

TOWNSHIP OF PARSIPPANY-TROY HILLS
SEWER UTILITY CAPITAL FUND
SCHEDULE OF BONDS AND NOTES AUTHORIZED BUT NOT ISSUED

Ord. No.	Improvement Description	Balance Dec.31, 2017	2018 Authorizations	Bond Anticipation Notes Issued	Balance Dec.31, 2018
<u>General Improvements:</u>					
09-28	Improvements to the Township's Waste Water Treatment Plant	\$ 2,469,699.00			\$ 2,469,699.00
10-15	Various Sewer Utility Improvements	548.81			548.81
14-24	Various Sewer Utility Improvements	1,152,653.00			1,152,653.00
17-12	Various Sewer Utility Improvements	2,475,000.00			2,475,000.00
18-04	Upgrade and Replacement of Generators		\$ 4,000,000.00	\$ 4,000,000.00	
18-20	Acquisition of a Sewer Jet Vacuum Truck		500,000.00	500,000.00	
		\$ 6,097,900.81	\$ 4,500,000.00	\$ 4,500,000.00	\$ 6,097,900.81

TOWNSHIP OF PARSIPPANY-TROY HILLS
COUNTY OF MORRIS
2018
GOLF AND RECREATION UTILITY FUND

TOWNSHIP OF PARSIPPANY-TROY HILLS
 GOLF AND RECREATION UTILITY FUND
SCHEDULE OF CASH -TREASURER

	<u>Ref.</u>	<u>Operating</u>	<u>Capital</u>
Balance December 31, 2017	F	\$ 1,781,396.47	\$ 5,647,216.73
Increased by Receipts:			
Consumer Accounts Receivable		\$ 2,721,108.52	
Concession Fees		360,000.00	
Interest on Investments		48,818.42	
Prepaid Revenue		5,000.00	
Miscellaneous Revenue		27,016.08	
Due from Other Trust Funds - Open Space		31,784.18	
Sales Tax Payable		26,208.03	
		<u>3,219,935.23</u>	
		5,001,331.70	<u>5,647,216.73</u>
Decreased by Disbursements:			
2018 Appropriation Expenditures		2,923,077.90	
2017 Appropriation Reserves		67,655.37	
Security Deposit - Clubhouse Operations Payroll Agreement		50,000.00	
Sales Tax Payable		26,157.99	
Improvement Authorizations			\$ 336,067.35
		<u>3,066,891.26</u>	<u>336,067.35</u>
Balance December 31, 2018	F	<u>\$ 1,934,440.44</u>	<u>\$ 5,311,149.38</u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
GOLF AND RECREATION UTILITY CAPITAL FUND
ANALYSIS OF GOLF AND RECREATION CAPITAL CASH

	Disbursements		Transfers		Balance Dec. 31, 2018
	Balance Dec. 31, 2017	Improvement Authorizations	From	To	
Fund Balance	\$ 45,070.70				\$ 45,070.70
Capital Improvement Fund	161,593.05				161,593.05
Preliminary Expenses - Miniature Golf Recreation Facility	12,000.00				12,000.00
Reserve for Payment of Debt Service			\$ 2,400,000.00		2,400,000.00
<hr/>					
	<u>Improvement Authorizations</u>				
<u>General Improvements:</u>					
Ord. No.					
10-16	Various Improvements and Equipment	30,000.00			30,000.00
11-10	Golf Course and Recreation Utility Improvements	24,515.03	\$ 22,250.00		2,265.03
12-27	Golf Course and Recreation Utility Improvements	67,155.30	9,800.00		57,355.30
13-12	Golf Course and Recreation Utility Improvements	248,148.50			248,148.50
15-20	Golf Course and Recreation Utility Improvements	2,341,915.93	87,822.00		2,254,093.93
16-19	Golf Course and Recreation Utility Improvements	27,592.02			27,592.02
17-14	Golf Course and Recreation Utility Improvements	2,689,226.20	38,550.00	\$ 2,400,000.00	250,676.20
18-19	Golf Course and Recreation Utility Improvements		177,645.35		(177,645.35)
		\$ 5,647,216.73	\$ 336,067.35	\$ 2,400,000.00	\$ 5,311,149.38

TOWNSHIP OF PARSIPPANY-TROY HILLS
GOLF AND RECREATION UTILITY OPERATING FUND
SCHEDULE OF CONSUMER ACCOUNTS RECEIVABLE

	<u>Ref.</u>	
Balance December 31, 2017	F	\$ 56,370.18
Increased by:		
Billings:		
Membership and Other Fees and Rentals		<u>2,721,639.49</u>
		<u>2,778,009.67</u>
Decreased by:		
Collections:		
Collections		\$ 2,721,108.52
Overpayments Applied		<u>4,985.27</u>
		<u>2,726,093.79</u>
Balance December 31, 2018	F	<u><u>\$ 51,915.88</u></u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
GOLF AND RECREATION UTILITY OPERATING FUND
SCHEDULE OF INVENTORY

	<u>Ref.</u>	
Balance December 31, 2017	F	\$ 48,465.22
Add: Net Inventory Increase		<u>11,799.98</u>
Balance December 31, 2018	F	<u>\$ 60,265.20</u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
GOLF AND RECREATION UTILITY CAPITAL FUND
SCHEDULE OF FIXED CAPITAL

	Balance Dec. 31, 2017	Balance Dec. 31, 2018
Building Renovations	\$ 687,336.18	\$ 687,336.18
Improvement of the Property of the ParsIPPany-Troy Hills		
Golf and Recreation Utility	1,512,536.41	1,512,536.41
Improvement of the Knoll Country Club	2,154,800.00	2,154,800.00
Various Capital Improvements	3,773,760.66	3,773,760.66
Reconstruction of the Knoll Country Club West	2,465,000.00	2,465,000.00
Construction of the West Tee House	210,000.00	210,000.00
Acquisition of Furniture and Equipment	152,638.16	152,638.16
Acquisition of Vehicles	95,450.00	95,450.00
Acquisition of Equipment	941,867.00	941,867.00
Acquisition of Various Vehicles and Equipment	655,936.70	655,936.70
Supplemental Appropriation for the Construction of the Tee House	26,500.00	26,500.00
Acquisition of Property Known as Knoll Country Club	5,000,000.00	5,000,000.00
Reconstruction of the West Course Main Building	7,150,000.00	7,150,000.00
Installation of Sewer Lines to all Knoll Buildings	401,000.00	401,000.00
Issuance Cost	186,451.50	186,451.50
	<u>\$ 25,413,276.61</u>	<u>\$ 25,413,276.61</u>
	F	F

TOWNSHIP OF PARSIPPANY-TROY HILLS
GOLF AND RECREATION UTILITY CAPITAL FUND
SCHEDULE OF FIXED CAPITAL AUTHORIZED AND UNCOMPLETED

<u>Improvement Description</u>	<u>Ord. No.</u>	<u>Balance Dec. 31, 2017</u>	<u>2018 Authorizations</u>	<u>Balance Dec. 31, 2018</u>
<u>General Improvements:</u>				
Various Improvements and Equipment	10-16	\$ 300,000.00		\$ 300,000.00
Golf Course and Recreation Utility Improvements	11-10	202,677.00		202,677.00
Golf Course and Recreation Utility Improvements	12-27	135,000.00		135,000.00
Golf Course and Recreation Utility Improvements	13-12	250,000.00		250,000.00
Golf Course and Recreation Utility Improvements	15-20	3,006,403.00		3,006,403.00
Golf Course and Recreation Utility Improvements	16-19	119,177.00		119,177.00
Golf Course and Recreation Utility Improvements	17-14	2,865,180.00		2,865,180.00
Golf Course and Recreation Utility Improvements	18-19		\$ 253,000.00	253,000.00
		<u>\$ 6,878,437.00</u>	<u>\$ 253,000.00</u>	<u>\$ 7,131,437.00</u>
	<u>Ref.</u>	F		F

TOWNSHIP OF PARSIPPANY-TROY HILLS
GOLF AND RECREATION UTILITY OPERATING FUND
SCHEDULE OF 2017 APPROPRIATION RESERVES
YEAR ENDED DECEMBER 31, 2018

	Balance Dec. 31, 2017	Balance After Modification	Paid or Charged	Balance Lapsed
Operating:				
Salaries and Wages	\$ 58,644.54	\$ 58,644.54		\$ 58,644.54
Other Expenses	111,185.11	111,185.11	\$ 67,655.37	43,529.74
Statutory Expenditures:				
Contribution to:				
Public Employees' Retirement System	0.15	0.15		0.15
Social Security (O.A.S.I.)	23,721.17	23,721.17		23,721.17
	\$ 193,550.97	\$ 193,550.97	\$ 67,655.37	\$ 125,895.60

Analysis of Balance December 31, 2017

	<u>Ref.</u>		
Encumbered	F	\$	22,169.82
Unencumbered	F		171,381.15
		\$	193,550.97

TOWNSHIP OF PARSIPPANY-TROY HILLS
GOLF AND RECREATION UTILITY CAPITAL FUND
SCHEDULE OF IMPROVEMENT AUTHORIZATIONS

Ord. No.	Improvement Description	Date	Ordinance	Balance Dec. 31, 2017		2018 Improvement Authorizations Deferred Charges to Future Revenue	Paid or Charged	Authorizations Canceled	Balance Dec. 31, 2018	
				Amount	Funded				Unfunded	Funded
10-16	Various Improvements and Equipment	07/20/10	\$ 300,000.00	\$ 30,000.00		\$ 30,000.00			\$ 30,000.00	
11-10	Golf Course and Recreation Utility Improvements	06/21/11	202,677.00	24,515.03		\$ 22,250.00			2,265.03	
12-27	Golf Course and Recreation Utility Improvements	06/19/12	135,000.00	67,155.30		9,800.00			57,355.30	
13-12	Golf Course and Recreation Utility Improvements	06/19/13	250,000.00	248,148.50					248,148.50	
15-20	Golf Course and Recreation Utility Improvements	09/15/15	3,006,403.00	2,341,915.93		87,822.00			2,254,093.93	
16-19	Golf Course and Recreation Utility Improvements	07/19/16	119,177.00	27,592.02					27,592.02	
17-14	Golf Course and Recreation Utility Improvements	07/11/17	2,865,180.00	2,689,226.20	\$ 593.00	38,550.00	\$ 2,400,000.00		250,676.20	\$ 593.00
18-19	Golf Course and Recreation Utility Improvements	09/11/18	253,000.00			177,645.35				75,354.65
				\$ 5,428,552.98	\$ 593.00	\$ 253,000.00	\$ 336,067.35	\$ 2,400,000.00	\$ 2,870,130.98	\$ 75,947.65
				Ref.	F	F	F	F	F	F

TOWNSHIP OF PARSIPPANY-TROY HILLS
GOLF AND RECREATION UTILITY CAPITAL FUND
SCHEDULE OF CAPITAL IMPROVEMENT FUND

	<u>Ref.</u>	
Balance December 31, 2017	F	<u>\$ 161,593.05</u>
Balance December 31, 2018	F	<u><u>\$ 161,593.05</u></u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
GOLF AND RECREATION UTILITY CAPITAL FUND
SCHEDULE OF RESERVE FOR AMORTIZATION

	<u>Ref.</u>	
Balance December 31, 2017	F	\$ 24,574,351.61
Increased by:		
Open Space Trust Budget:		
Serial Bonds		<u>633,000.00</u>
Balance December 31, 2018	F	<u>\$ 25,207,351.61</u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
GOLF AND RECREATION UTILITY CAPITAL FUND
SCHEDULE OF DEFERRED RESERVE FOR AMORTIZATION

Ord. No.	Improvement Description	Date of Ordinance	Balance Dec. 31, 2017	Balance Dec. 31, 2018
<u>General Improvements:</u>				
10-16	Various Improvements and Equipment	07/20/10	\$ 31,820.00	\$ 31,820.00
11-10	Golf Course and Recreation Utility Improvements	06/21/11	34,152.00	34,152.00
12-27	Golf Course and Recreation Utility Improvements	06/19/12	15,828.00	15,828.00
13-12	Golf Course and Recreation Utility Improvements	06/19/13	20,690.00	20,690.00
15-20	Golf Course and Recreation Utility Improvements	09/15/15	150,320.00	150,320.00
16-19	Golf Course and Recreation Utility Improvements	07/19/16	5,959.00	5,959.00
			<u>\$ 258,769.00</u>	<u>\$ 258,769.00</u>
	<u>Ref.</u>		F	F

TOWNSHIP OF PARSIPPANY-TROY HILLS
GOLF AND RECREATION UTILITY CAPITAL FUND
SCHEDULE OF BOND ANTICIPATION NOTES PAYABLE
YEAR ENDED DECEMBER 31, 2018

NOT APPLICABLE

TOWNSHIP OF PARSIPPANY-TROY HILLS
 GOLF AND RECREATION UTILITY CAPITAL FUND
SCHEDULE OF SERIAL BONDS PAYABLE

Purpose	Date of Issue	Original Issue	Maturities of Bonds Outstanding		Interest Rate	Balance		Matured	Balance Dec. 31, 2018
			Date	Amount		Dec. 31, 2017	Dec. 31, 2018		
General Improvement	7/1/2008	\$ 1,500,000.00	7/1/2019	\$ 170,000.00	4.00%	\$ 340,000.00	\$ 170,000.00	\$ 170,000.00	
General Improvement	10/26/2010	758,700.00	11/1/2019	60,000.00	2.75%	435,000.00	60,000.00	375,000.00	
			11/1/2020	75,000.00	3.00%				
			11/1/2021-23	80,000.00	3.00%				
General Improvement	9/7/2017	6,683,000.00	9/15/2019	405,000.00	2.00%	6,683,000.00	403,000.00	6,280,000.00	
			9/15/2020	450,000.00	2.00%				
			9/15/2021	475,000.00	2.00%				
			9/15/2022-23	500,000.00	2.00%				
			9/15/2024-25	600,000.00	2.50%				
			9/15/2026-29	550,000.00	3.00%				
9/15/2030	550,000.00	2.50%							
						\$ 7,458,000.00	\$ 633,000.00	\$ 6,825,000.00	
						Ref.	F	F	
						Paid by Open Space Trust Budget			
						\$ 633,000.00			

TOWNSHIP OF PARSIPPANY-TROY HILLS
GOLF AND RECREATION UTILITY CAPITAL FUND
SCHEDULE OF BONDS AND NOTES AUTHORIZED BUT NOT ISSUED

Ord. No.	Improvement Description	Balance Dec.31, 2017	2018 Authorizations	Balance Dec.31, 2018
<u>General Improvements:</u>				
17-14	Golf Course and Recreation Utility Improvements	\$ 593.00		\$ 593.00
18-19	Golf Course and Recreation Utility Improvements		\$ 253,000.00	253,000.00
		<u>\$ 593.00</u>	<u>\$ 253,000.00</u>	<u>\$ 253,593.00</u>

TOWNSHIP OF PARSIPPANY-TROY HILLS
COUNTY OF MORRIS
2018
PUBLIC ASSISTANCE FUND

TOWNSHIP OF PARSIPPANY-TROY HILLS
PUBLIC ASSISTANCE FUND
SCHEDULE OF CASH - TREASURER

	<u>Ref.</u>	
Balance December 31, 2017	G	\$ 84,246.04
Increased by Receipts:		
Donations		\$ 8,030.47
Interest on Investments		682.59
		<u>8,713.06</u>
		92,959.10
Decreased by Disbursements:		
Reserve for Public Assistance Trust Fund Expenditures		<u>3,800.00</u>
Balance December 31, 2018	G	<u>\$ 89,159.10</u>

TOWNSHIP OF PARSIPPANY-TROY HILLS

PART II

SINGLE AUDIT

YEAR ENDED DECEMBER 31, 2018

TOWNSHIP OF PARSIPPANY-TROY HILLS
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
YEAR ENDED DECEMBER 31, 2018

Name of Federal Agency or Department, Pass Through Grantor, and Cluster Title	C.F.D.A. Account Number	Project Number or State Account Number	Grant Period		Grant Award Amount	Amount Received	Amount of Expenditures	Cumulative Expenditures	Amount Provided to Subrecipients
			From	To					
U.S. Department of Housing and Urban Development CDBG - Entitlement Grants Cluster (Passed through Morris County Office of Community Development)	14.218	B14-MC34-0113	07/01/14	06/30/19	\$ 227,120.00	\$ 17,581.00	\$ 17,581.00	\$ 146,855.55	
	14.218	B15-MC34-0113	07/01/15	06/30/19	216,560.00	24,414.54	24,414.54	134,675.11	
	14.218	B16-MC34-0113	07/01/16	06/30/19	193,838.00	25,579.59	25,579.59	184,913.54	
	14.218	B17-MC34-0113	07/01/17	06/30/19	216,411.00	196,435.07	196,435.07	196,435.07	
	14.218	B18-MC34-0114	07/01/18	06/30/19	241,311.00	46,950.00	46,950.00	46,950.00	
Total U.S. Department of Housing and Urban Development/ CDBG Entitlement Grants Cluster									
U.S. Department of Homeland Security (Passed through New Jersey Department of Transportation)	97.042	100-066-1200-726	01/01/18	12/31/19	9,400.00	9,400.00			
	97.067	N/A	01/01/18	12/31/18	150,000.00	150,000.00	150,000.00	150,000.00	
F.E.M.A. Hazard Mitigation Grant (Ordinance #13-31)									
	97.039	N/A	01/01/12	12/31/19	7,220,206.00	1,086,841.18	1,898.94	6,277,976.50	
Total U.S. Department of Homeland Security									
U.S. Department of Transportation Highway Safety Cluster (Passed through New Jersey Department of Law and Public Safety)	20.601	N/A	01/01/17	12/31/18	5,500.00		4,050.00	5,500.00	
	20.616	100-066-1160-155	01/01/18	12/31/18	5,500.00	5,500.00	5,500.00	5,500.00	
	20.616	100-066-1160-157	01/01/18	12/31/19	6,600.00	6,600.00	6,367.50	6,367.50	
	20.616	N/A	01/01/18	12/31/18	12,210.00	12,210.00			
Total Highway Safety Cluster/U.S. Department of Transportation									
Highway Planning and Construction Cluster: (Passed through New Jersey Department of Transportation)	20.205	078-6320-480-XXX	01/01/18	12/31/18	245,000.00	245,000.00	245,000.00	245,000.00	
	Total Highway Planning and Construction Cluster								
Total U.S. Department of Transportation									
TOTAL FEDERAL AWARDS						\$ 1,826,511.38	\$ 723,776.64	\$ 7,400,173.27	\$ -0-

N/A - Not Applicable/Available

TOWNSHIP OF PARSHIPPANY-TROY HILLS
SCHEDULE OF EXPENDITURES OF STATE AWARDS
YEAR ENDED DECEMBER 31, 2018

Name of State Agency or Department	Name of Program	Name of Project	Grant I.D. No.	Grant Period		Grant Award Amount	Amount Received	Amount of Expenditures	Cumulative Expenditures
				From	To				
Department of Health & Municipal Alliance	Passed- Through County of Morris: Municipal Alliance	Municipal Alliance Program	100-082-001-044	07/01/17	06/30/18	\$ 28,143.00	\$ 2,000.00	\$ 28,143.00	\$ 28,143.00
				07/01/17	06/30/19	2,000.00	2,000.00	28,143.00	
Department of Law and Public Safety	Alcohol Education, Rehabilitation and Enforcement Fund Total Department of Health & Senior Services	Alcohol Education, Rehabilitation and Enforcement Fund	N/A	01/01/18	12/31/19	3,588.39	3,588.39	28,143.00	28,143.00
				01/01/18	12/31/19	2,117.50	2,117.50	11,376.70	
Department of Transportation	Drunk Driving Enforcement Fund	Drunk Driving Enforcement Fund	100-078-6400-260-YYYY	01/01/15	12/31/18	8,600.06	3,213.77	8,600.06	8,600.06
				01/01/17	12/31/19	8,695.20	2,776.64	2,776.64	
Department of Community Affairs	Body Armor Replacement Program Total Department of Law and Public Safety	Body Armor Replacement Program	066-1020-718-001	01/01/18	12/31/19	1,861.70	1,861.70	1,861.70	1,861.70
				01/01/18	12/31/19	1,861.70	1,861.70	1,861.70	
Department of Environmental Protection	Safe Corridors Grant Total Department of Community Affairs	Safe Corridors Grant	100-078-6100-051	01/01/17	12/31/18	17,724.56	2,275.44	17,724.56	17,724.56
				01/01/18	12/31/19	2,275.44	2,275.44	17,724.56	
Department of Environmental Protection	Handicapped Person's Recreational Opportunities Act Total Department of Community Affairs	Recreation Opportunities for Individuals with Disabilities	2017-05157-0353-00	01/01/17	12/31/18	108,396.98	103,698.19	30,048.57	107,196.98
				01/01/18	12/31/19	103,698.19	103,698.19	74,208.27	74,208.27
Department of Environmental Protection	Clean Communities Program Total Department of Community Affairs	Clean Communities Program	765-042-4900-004-V42Y-6020	01/01/17	12/31/18	97,883.00	50,405.69	6,700.36	97,883.00
				01/01/18	12/31/19	158,289.38	57,106.05	50,405.69	50,405.69
Department of Environmental Protection	Recycling Tonnage Grant Total Department of Environmental Protection	Recycling Tonnage Grant	752-042-4900-001-V42Y-6020	01/01/17	12/31/18	54,000.00	13,545.25	13,545.25	51,498.57
				01/01/18	12/31/19	54,000.00	103,698.19	174,908.14	381,192.51
TOTAL STATE AWARDS	Community Forestry Total Department of Environmental Protection	No Net Loss	N/A	01/01/15	12/31/19	54,000.00	103,698.19	174,908.14	381,192.51
				01/01/15	12/31/19	54,000.00	\$ 115,541.22	\$ 226,766.11	\$ 438,436.77

N/A - Not Applicable/Available

SEE ACCOMPANYING NOTES TO SCHEDULES OF EXPENDITURES OF FEDERAL AND STATE AWARDS

TOWNSHIP OF PARSIPPANY-TROY HILLS
NOTES TO SCHEDULES OF EXPENDITURES OF FEDERAL AND STATE AWARDS
YEAR ENDED DECEMBER 31, 2018

Note A. BASIS OF PRESENTATION

The accompanying schedules of expenditures of federal and state awards (the "Schedules") includes the federal and state grant activity of the Township of Parsippany-Troy Hills under programs of the federal and state governments for the year ended December 31, 2018. The information in these schedules is presented in accordance with the requirements of the Title 2 U.S. Code of Federal Regulations Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* ("Uniform Guidance") and New Jersey's OMB Circular 15-08, *Single Audit Policy for Recipients of Federal Grants, State Grants and State Aid*. Because the schedules present only a selected portion of the operations of the Township, they are not intended to and do not present the financial position, changes in fund balance or cash flows of the Township.

Note B. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Expenditures reported on the accompanying schedules of expenditures of federal and state awards are reported on the modified accrual basis of accounting. Such expenditures are recognized following the cost principles contained in the Uniform Guidance, wherein certain types of expenditures are not allowable or are limited as to reimbursement. Negative amounts, if any, shown on the Schedules represent adjustments or credits made in the normal course of business to amounts reported as expenditures in prior years. Pass-through identifying numbers are presented where available. The Township has elected not to use the 10 percent de minimis indirect cost rate as allowed under the Uniform Guidance.

Note C. RELATIONSHIP TO FEDERAL AND STATE FINANCIAL REPORTS

Amounts reported in the accompanying schedules agree with the amounts reported in the related federal and state financial reports.

Note D. STATE LOANS OUTSTANDING

The Township of Parsippany-Troy Hills has the following loans outstanding as of December 31, 2018:

NJ Environmental Infrastructure	
Loan Payable:	
Water Utility Capital Fund	\$ 93,974
Sewer Utility Capital Fund	11,492,000
	\$ 11,585,974

The projects which relate to the above loans are complete and there were no current year receipts or expenditures on these loans.



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 200 Valley Road, Suite 300
 Mt. Arlington, NJ 07856
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Report on Internal Control Over Financial Reporting
 and on Compliance and Other Matters Based on an Audit of Financial Statements
 Performed in Accordance with *Government Auditing Standards*

Independent Auditors' Report

The Honorable Mayor and Members
 of the Township Council
 Township of Parsippany-Troy Hills
 Parsippany, New Jersey

We have audited in accordance with auditing standards generally accepted in the United States of America, audit requirements prescribed by the Division of Local Government Services, Department of Community Affairs, State of New Jersey (the "Division"), and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements - *regulatory basis* - of the various funds of the Township of Parsippany-Troy Hills, in the County of Morris (the "Township") as of and for the years ended December 31, 2018 and 2017, and the related notes to the financial statements and have issued our report thereon dated May 31, 2019. These financial statements have been prepared in accordance with accounting practices prescribed or permitted by the Division to demonstrate compliance with the Division's regulatory basis of accounting, and the budget laws of New Jersey, which is a basis of accounting other than accounting principles generally accepted in the United States of America.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the Township'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 Township's internal control. Accordingly, we do not express an opinion on the effectiveness of the Township'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 Township'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 the 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.

The Honorable Mayor and Members
of the Township Council
Township of Parsippany-Troy Hills
Page 2

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Township's financial statements are free of 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 result of that testing, and not to provide an opinion on the effectiveness of the Township'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 Township's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Mt Arlington, NJ
May 31, 2019

NISIVOCCIA LLP



Raymond G. Sarinelli
Certified Public Accountant
Registered Municipal Accountant No. 383

TOWNSHIP OF PARSIPPANY-TROY HILLS
SCHEDULE OF FINDINGS AND RESPONSES
YEAR ENDED DECEMBER 31, 2018

Summary of Auditors' Results:

- The Independent Auditors' Report expresses an unmodified opinion on the financial statements of the Township prepared in accordance with accounting practices prescribed or permitted by the Division of Local Government Services, Department of Community Affairs, State of New Jersey to demonstrate compliance with the Division's regulatory basis of accounting and the budget laws of New Jersey.
- There were no material weaknesses or significant deficiencies disclosed during the audit of the financial statements as reported in the *Independent Auditors' 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*.
- No instances of noncompliance material to the financial statements of the Township which would be required to be reported in accordance with *Government Auditing Standards*, were disclosed during the audit.
- The Township was not subject to the single audit provisions of the Uniform Guidance and New Jersey's OMB Circular 15-08 for the year ended December 31, 2018 as both state and federal grant expenditures were less than the single audit thresholds of \$750,000 identified in the Uniform Guidance and NJOMB 15-08.

Findings Relating to the Financial Statements which are required to be Reported in Accordance with Generally Accepted Government Auditing Standards:

- The audit did not disclose any findings required to be reported under Generally Accepted Government Auditing Standards.

Findings and Questioned Costs for Federal Awards:

- Not applicable since federal expenditures were below the single audit threshold.

Findings and Questioned Costs for State Awards:

- Not applicable since State expenditures were below the single audit threshold.

TOWNSHIP OF PARSIPPANY-TROY HILLS
SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS
FOR THE YEAR ENDED DECEMBER 31, 2018

Status of Prior Year Findings:

There were no findings in the prior year audit report.

TOWNSHIP OF PARSIPPANY-TROY HILLS

PART III

COMMENTS AND RECOMMENDATIONS

YEAR ENDED DECEMBER 31, 2018

TOWNSHIP OF PARSIPPANY-TROY HILLS
COMMENTS AND RECOMMENDATIONS

Contracts and Agreements Required to be Advertised for N.J.S.A. 40A:11-4

N.J.S. 40A:11-3 states:

a. " When the cost or price of any contract awarded by the contracting agent in the aggregate does not exceed in a contract year the total sum of \$17,500, the contract may be awarded by a purchasing agent when so authorized by ordinance or resolution, as appropriate to the contracting unit, of the governing body of the contracting unit without public advertising for bids, except that the governing body of any contracting unit may adopt an ordinance or resolution to set a lower threshold for the receipt of public bids or the solicitation of competitive quotations. If the purchasing agent is qualified pursuant to subsection b. of section 9 of P.L. 1971, c.198 (C.40A:11-9), the governing body of the contracting unit may establish that the bid threshold may be up to \$25,000. Such authorization may be granted for each contract or by a general delegation of the power to negotiate and award such contracts pursuant to this section.

b. Any contract made pursuant to this section may be awarded for a period of 24 consecutive months, except that contracts for professional services pursuant to subparagraph (i) of paragraph (a) of subsection (1) of section 5 of P.L. 1971, c.198 (C.40A: 11-5) may be awarded for a period not exceeding 12 consecutive months. The Division of Local Government Services shall adopt and promulgate rules and regulations concerning the methods of accounting for all contracts that do not coincide with the contracting unit's fiscal year.

c. The Governor, in consultation with the Department of the Treasury, shall, no later than March 1 of every fifth year beginning in the fifth year after the year in which P.L.1999, c.440 takes effect, adjust the threshold amount and the higher threshold amount which the governing body is permitted to establish, as set forth in subsection a. of this section, or the threshold amount resulting from any adjustment under this subsection, in direct proportion to the rise or fall of the index rate as that term is defined in section 2 of P.L.1971, c.198 (C.40A11-2), and shall round the adjustment to the nearest \$1,000. The Governor shall, no later than June 1 of every fifth year, notify each governing body of the adjustment. The adjustment shall become effective on July 1 of the year in which it is made."

N.J.S. 40A: 11-4 states: "Every contract awarded by the contracting agent for the provision or performance of any goods or services, the cost of which in the aggregate exceeds the bid threshold, shall be awarded only by resolution of the governing body of the contracting unit to the lowest responsible bidder after public advertising for bids and bidding therefore, except as is provided otherwise in this act or specifically by any other law. The governing body of a contracting unit may, by resolution approved by a majority of the governing body and subject to subsections b. and c. of this section, disqualify a bidder who would otherwise be determined to be the lowest responsible bidder, if the governing body finds that it has had prior negative experience with the bidder."

Effective July 1, 2015 and thereafter, the bid thresholds in accordance with N.J.S.A. 40A:11-3 and 40A:11-4 (as amended) are \$17,500 for a contracting unit without a qualified purchasing agent and \$40,000 for a contracting unit with a qualified purchasing agent.

The governing body of the Township of Parsippany-Troy Hills has the responsibility of determining whether the expenditures in any category will exceed the bid threshold within the year and where question arises as to whether any contract or agreement might result in violation of the statute, the Township Attorney's opinion should be sought before a commitment is made.

TOWNSHIP OF PARSIPPANY-TROY HILLS
COMMENTS AND RECOMMENDATIONS
(Continued)

Contracts and Agreements Required to be Advertised for N.J.S.A. 40A:11-4 (Cont'd)

The minutes indicated that bids were requested by public advertising per N.J.S. 40A:11-4. The minutes also indicated that resolutions were adopted authorizing the awarding of contracts or agreements for "Professional Services" in accordance with N.J.S. 40A:11-5.

Inasmuch as the system of records did not provide for an accumulation of payments for categories for the performance of any work or the furnishing or hiring of any materials or supplies, the results of such an accumulation could not reasonably be ascertained. Disbursements were reviewed, however, to determine whether any clear-cut violations existed. None were noted.

Collection of Interest on Delinquent Taxes, Utility Charges and Assessments

The statute provides the method for authorizing interest and the maximum rate to be charged for the nonpayment of taxes, utility charges or assessments on or before the date when they would become delinquent.

On January 1, 2018, the governing body adopted the following resolution authorizing interest to be charged on delinquent tax, assessment and utility charges:

BE IT RESOLVED by the Township Council of the Township of Parsippany-Troy Hills, Morris County, New Jersey, that, in accordance with R.S. 54:4-67 as amended, the rate of interest to be charged for the nonpayment of taxes, utilities or assessments on or before the date when they would become delinquent be and the same is hereby fixed as follows:

1. No interest shall be charged if payment of tax, utility or assessment installment, as the case may be, is made within ten (10) days after the date upon which the same became payable.
2. The rate of interest to be charged for the nonpayment of taxes, utilities or assessment installments on or before the date when they become delinquent shall be eight percent (8%) per annum on the first \$1,500 of the delinquency and eighteen percent (18%) on any delinquency over \$1,500, to be calculated from the date the tax was payable until the date of actual payment. The interest to be charged a delinquent taxpayer for nonpayment of real property taxes shall be an additional penalty of 6% if the amount of delinquency is in excess of \$10,000 at the end of the calendar year.

It appears from an examination of the Collector's records that interest was generally collected in accordance with the foregoing resolution.

TOWNSHIP OF PARSIPPANY-TROY HILLS
COMMENTS AND RECOMMENDATIONS
(Continued)

Delinquent Taxes and Tax Title Liens

The last tax sale was held on June 14, 2018.

The following comparison is made of the number of tax title liens receivable on December 31, of the last three years:

<u>Year</u>	<u>Tax Title Liens</u>
2018	24
2017	18
2016	10

It is essential to good management that all means provided by statute be utilized to liquidate tax title liens in order to get such properties back on a taxpaying basis.

Verification of Delinquent Taxes and Other Charges

A test verification of delinquent charges and current payments was made in accordance with the regulations of the Division of Local Government Services, consisting of verification notices as follows:

<u>Type</u>	<u>Number Mailed</u>
Payment of 2018 Taxes	20
Payment of 2019 Taxes	20
Delinquent Taxes	15
Tax Title Liens	2
Payment of 2018 and 2019 Water/Sewer Utility Charges	20
Delinquent Sewer Utility Charges	10
Delinquent Water Utility Charges	10
Delinquent Sludge Charges	7

Accounting Requirements under New Jersey Administrative Code

The Division of Local Government Services has established three (3) accounting requirements which are prescribed in the New Jersey Administrative Code. They are as follows:

1. Maintenance of an encumbrance accounting system.
2. Fixed asset accounting and reporting system.
3. General ledger accounting system.

The Township is in compliance with these accounting requirements.

TOWNSHIP OF PARSIPPANY-TROY HILLS
COMMENTS AND RECOMMENDATIONS
(Continued)

Municipal Court

The report of the Municipal Court has been forwarded to the Division of Local Government Services and the Township's Magistrate under separate cover. Reflected below is a summary of receipts and disbursements for the year ended December 31, 2018.

RECEIPTS AND DISBURSEMENTS FOR THE YEAR ENDED DECEMBER 31, 2018

	Balance Dec. 31, 2017	Receipts	Disbursements	Balance Dec. 31, 2018
Municipal Treasurer:				
Fines and Costs	\$ 48,353.25	\$ 596,639.66	\$ 602,857.44	\$ 42,135.47
Animal		250.00	250.00	
Restitution		1,900.00	1,900.00	
POAA FTA	56.00	430.00	462.00	24.00
Public Defender	2,246.00	17,469.50	18,186.00	1,529.50
Weights and Measures	7,500.00	75,300.00	78,850.00	3,950.00
County:				
Fines	17,071.50	214,214.91	215,149.66	16,136.75
State:				
Fines and Costs	61,675.25	712,732.08	715,431.05	58,976.28
Conditional Discharge	113.00	2,898.00	2,753.00	258.00
Conditional Dismissal		825.00	750.00	75.00
Collections	489.72	4,319.68	4,309.78	499.62
Bail	14,809.00	106,876.50	113,002.00	8,683.50
TOTAL	<u>\$ 152,313.72</u>	<u>\$ 1,733,855.33</u>	<u>\$ 1,753,900.93</u>	<u>\$ 132,268.12</u>

Inherent internal control problems exist throughout the State for the municipal court system. Throughout the State there is the possibility that court employees can recall warrants, postpone court cases, set bail and lift suspensions of licenses. However, our review of the records of the Municipal Court did not appear to reveal any internal control deficiencies.

Police Outside Services

During our review of the Other Trust Funds, we noted there were old receivable and reserve balances in the police outside service records which should be reviewed for continued recognition or cancellation.

It is recommended that a review of old receivable and reserve balances for the police outside services be performed for continued recognition or cancellation.

Management's Response

The Township has contracted with a third-party administrator for the Police outside services and the old receivable and reserve balances will be reviewed for continued recognition or cancellation.

TOWNSHIP OF PARSIPPANY-TROY HILLS
COMMENTS AND RECOMMENDATIONS
(Continued)

Transfers

During the course of our audit we noted that transfers were not being made in a timely manner.

It is recommended that budget appropriations be periodically reviewed and transfers be made on a timely basis.

Management's Response

The Township will make every effort to make transfers on a timely basis.

Confirming Orders

During our review of purchase orders, there were a few instances where purchases were made prior to the preparation and approval of purchase orders.

It is recommended that purchase orders are prepared and approved prior to the purchase of goods or services to ensure availability of funds.

Management's Response

Management will ensure that all purchase orders will be prepared and approved prior to the purchase of goods or services to ensure availability of funds.

Golf and Recreation Utility Fund

During our review of the Golf and Recreation Utility Fund, it was noted that fees collected were not always in accordance with the fee schedule and supporting documentation was not always maintained. Additionally, it was also noted that the management company is not providing financial reporting to the Township for review on a timely basis.

It is recommended that fees be collected in accordance with the fee schedule, supporting documentation be available for audit inspection and the management company at the Knoll County Club provide financial reports to the Township for review in a timely manner.

Management's Response

A continued effort will be made to collect fees in accordance with the fee schedule, all supporting documentation will be made available for audit inspection and that financial reports from the Knoll management company be obtained in a timely manner.

TOWNSHIP OF PARSIPPANY-TROY HILLS
COMMENTS AND RECOMMENDATIONS
(Continued)

Finance

There was an interfund receivable due from Other Trust Funds of 667,988.03 on the Current Fund balance sheet at December 31, 2018. This interfund receivable places a restriction on the cash flow and places a restriction on fund balance of the Current Fund.

It is recommended that all interfund balances be liquidated on a timely basis and that every effort be made to limit interfund activity in the future.

Management's Response

The Township will liquidate the interfund receivables and make every effort to ensure that, in the future, interfund activity is limited and interfund balances are liquidated on a timely basis.

Status of Prior Year Recommendations

The Township initiated a corrective action plan to resolve the comments and recommendations from the 2017 audit report. Recommendations regarding that Grant receivable and appropriated reserve balances continue to be reviewed for disposition and that the Township maintain a complete, analysis of balance, in the payroll account have been resolved. Also, recommendations 3A and 3B regarding the Township maintain all unissued dog license tags for audit inspection and dog license fee monthly state reports be reconciled to cash prior to submission have been resolved. However, recommendations 1, and 5 regarding the accounting records of the police outside services being reviewed, and budget appropriations be periodically reviewed and transfers be made on a timely basis still remain and the Township is in the process of implementing procedures to resolve the remaining comments from the 2017 audit report, where possible.

TOWNSHIP OF PARSIPPANY-TROY HILLS
SUMMARY OF RECOMMENDATIONS

It is recommended that:

1. A review of old receivable and reserve balances for the police outside services be performed for continued recognition or cancellation.
2. Budget appropriations be periodically reviewed, and transfers be made on a timely basis.
3. Purchase orders are prepared and approved prior to the purchase of goods or services to ensure availability of funds.
4. Fees be collected in accordance with the fee schedule, supporting documentation be available for audit inspection and the management company at the Knoll County Club provide financial reports to the Township for review in a timely manner.
5. All interfund balances be liquidated on a timely basis and that every effort be made to limit interfund activity in the future.

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