# PEQUANNOCK RIVER BASIN REGIONAL SEWERAGE AUTHORITY

#### **Financial Statements**

Years Ended October 31, 2018 and 2017

(With Independent Auditors' Report Thereon)

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# PEQUANNOCK RIVER BASIN REGIONAL SEWERAGE AUTHORITY

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# Ferraioli, Wielkotz, Cerullo & Cuva, P.A.

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#### INDEPENDENT AUDITOR'S REPORT

Honorable Chairman and Members of the Pequannock River Basin Regional Sewerage Authority Butler, NJ 07405

## Report on the Financial Statements

We have audited the accompanying statements of net position of the Pequannock River Basin Regional Sewerage Authority, as of October 31, 2018 and 2017, and the related statements of revenues, expenses, and changes in net position and cash flows for the years then ended, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements as listed in the table of contents.

#### Management's Responsibility for the Financial Statements

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

#### Auditor's Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America, the 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. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement.



Honorable Chairperson and Members of the Pequannock River Basin Regional Sewerage Authority Page 2.

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

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

## **Opinion**

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the Pequannock River Basin Regional Sewerage Authority as of October 31, 2018 and 2017, and the respective changes in financial position and cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

#### Other Matters

#### Required Supplementary Information

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

#### Other Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the Pequannock River Basin Regional Sewerage Authority's financial statements. The supplemental schedules as listed in the table of contents are presented for purposes of additional analysis and are not a required part of the basic financial statements.



Honorable Chairperson and Members of the Pequannock River Basin Regional Sewerage Authority Page 3.

The other supplemental information listed in the table of contents is the responsibility of management and were derived from and relate directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the supplemental schedules are fairly stated, in all material respects, in relation to the basic 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 January 3, 2019 on our consideration of the Pequannock River Basin Regional Sewerage Authority's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with Government Auditing Standards in considering the Pequannock River Basin Regional Sewerage Authority's internal control over financial reporting and compliance.

Very truly yours,

Ferraioli, Wielkotz, Cerullo & Cuva, P.A.

FERRAIOLI, WIELKOTZ, CERULLO & CUVA, P.A. Certified Public Accountants
Pompton Lakes, New Jersey

January 3, 2019



**Required Supplementary Information** 

**Management Discussion and Analysis** 

As management of the Pequannock River Basin Regional Sewerage Authority, in connection with the Authority's Financial Statements we offer this narrative overview and analysis of the Authority's financial performance during the fiscal year ended October 31, 2018 and 2017. Please read this analysis in conjunction with the Authority's financial statements, which follow this section.

## Financial Highlights

- The Authority's assets exceeded its liabilities by \$13,841,598 (net position) for the fiscal year reported. This compares to the previous year when assets exceeded liabilities by \$12,898,448.
- Total net position are comprised of the following:
  - (1) Capital assets, net of related debt, of \$4,137,229 include plant and equipment, net of accumulated depreciation, and reduced for outstanding debt related to the purchase or construction of capital assets.
  - (2) Net position of \$1,612,942 are restricted by constraints imposed from outside the Authority such as debt covenants, grantors, laws, or regulations.
  - (3) Unrestricted net position of \$8,091,427 represent the portion available to maintain the Authority's continuing obligations to citizens and creditors.
- Total liabilities of the Authority decreased by \$796,126 to \$2,253,114 during the fiscal year.

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

This annual report includes this management discussion, the independent auditor's report and the basic financial statements of the Authority. The financial statements also include notes that explain in more detail some of the information in the financial statements.

## Required Financial Statements

The financial statements of the Authority report information of the Authority using accounting methods similar to those used by private sector companies. These statements offer short and long-term financial information about its activities. The *Statement of Net Position* includes all of the Authority's assets and liabilities and provides information about the nature and amounts of investments in resources (assets) and the obligations to Authority creditors (liabilities). It also provides the basis for evaluating the capital structure of the Authority and assessing the liquidity and financial flexibility of the Authority.

All of the current year's revenues and expenses are accounted for in the *Statement of Revenues*, *Expenses and Changes in Net Position*. This statement measures the results of the Authority operations over the past year as related to its operational stability and creditworthiness and can be used to determine whether the Authority has recovered all its costs through its user fees and other charges.

The final required financial statement is the *Statement of Cash Flows*. This statement reports cash receipts and cash payments, and net changes in cash resulting from operations, investing and financing activities and provides answers to such questions as what operational sources provided cash, what was the cash used for, and what was the change in cash balance during the reporting period?

#### Notes to the Financial Statements

The accompanying notes to the financial statements provide information essential to a full understanding of the financial statements. The notes to the financial statements begin immediately following the basic financial statements.

## Other Information

In addition to the basic financial statements and accompanying notes, this report presents certain required supplementary information. This supplementary information follows the notes to the financial statements.

#### Financial Analysis of the Authority

One of the most important questions asked about the Authority's finances is "Is the Authority as a whole better able to fulfill its mission as a result of this years activities?" The Statement of Net Position and the Statement of Revenues, Expenses and Changes in Net Position report information about the Authority's activities in a way that will help answer this question. These two statements report net position of the Authority and the changes in those assets. The reader can think of the Authority's net position – the difference between assets and liabilities – as one way to measure financial health or financial position. Over time, increases or decreases in the Authority's net position are one indicator of whether its financial health is improving or deteriorating. However, one will also need to consider the non-financial factors such as changes in economic conditions, population growth, development, and new or changed government regulation.

#### **Net Position**

As year-to-year financial information is accumulated on a consistent basis, changes in net position may be observed and used to discuss the changing financial position of the Authority as a whole.

The Authority's net position at fiscal year-end are \$13,841,598. This is a \$943,150 increase over the prior year's net position of \$12,898,448. A summary of the Authority's statement of net position is presented in the following table:

# Condensed Statement of Net Position (000's)

	FY 2018	<u>FY 2017</u>	Dollar <u>Change</u>	Percent <u>Change</u>	FY 2016
Current and Other Assets	9,767	9,546	221	2.32%	9,236
Capital Assets	6,182	6,196	(14)	(0.23)%	6,539
Deferred Outflow of Resources Total Assets and Deferred	<u> 260</u>	<u>347</u>	<u>(87)</u>	(25.07)%	434
Outflows	<u>16,209</u>	<u>16,089</u>	<u>120</u>		<u>16,209</u>
Liabilities	2,253	3,049	(796)	(26.11)%	3,838
Deferred Inflows of Resources	115	142	(27)	(19.01)%	<u>169</u>
Total Liabilities and Deferred Inflows	2,368	3,191	<u>(823)</u>		<u>4,007</u>
Invested in Capital Assets,					
Net of Related Debt	4,137	3,585	552	15.40%	3,282
Restricted	1,613	1,723	(110)	(6.38)%	2,020
Unrestricted	<u>8,091</u>	<u>7,590</u>	<u>501</u>	6.60%	<u>6,900</u>
Net Position	<u>13,841</u>	<u>12,898</u>	<u>943</u>	7.31%	<u>12,202</u>

While the Statement of Net Position shows the change in financial position of Net Position, the Statement of Revenues, Expenses and Changes in Net Position provides answers as to the nature and source of these changes. As can be seen in the following table, net position increased by \$943,150.

## **Net Position (Continued)**

# Condensed Statement of Revenues, Expenses and Changes in Net Position (000's)

	FY 2018	<u>FY 2017</u>	Dollar <u>Change</u>	Percent <u>Change</u>	<u>FY 2016</u>
Operating Revenues Non-Operating Revenues	5,300 159	5,244 83	56 _76	1.07% 91.57%	5,300 87
Total Revenues	<u>5,459</u>	5,327	<u>132</u>	•	5,387
Depreciation Expense	348	348	0	0.00%	299
Amortization	60	60	0	0.00%	60
Other Operating Expenses	2,997	3,080	(83)	(2.69)%	2,995
Other Non-Operating Expense	<u>1,111</u>	<u>1,143</u>	(32)	(2.80)%	<u>1,074</u>
Total Expenses	<u>4,516</u>	<u>4,631</u>	<u>(115)</u>		<u>4,428</u>
Change in Net Position	943	696	247	35.49%	959
Beginning Net Position	12,898	12,202	<u>696</u>	5.70%	11,243
Ending Net Position	<u>13,841</u>	<u>12,898</u>	<u>943</u>	7.31%	12,202

The Authority's Operating Revenues increased by \$55,615 to \$5,300,000 in 2018 from \$5,244,385 in 2017 due to the application of credits based on an amendment to the annual charge assessments during 2017. Nonoperating Revenues increased by \$76,072 to \$159,136 from \$83,064 mainly due to an increase in application fees and interest income.

# **Budgetary Highlights**

The Authority prepares and submits an annual budget to the State of New Jersey, Department of Community Affairs, Division of Local Government Services, which approves the budget for adoption by the Authority prior to the beginning of the fiscal year.

The following table provides a 2018 budget comparison:

## Budget vs. Actual FY 2018 (000's)

	Amended <u>Budget</u>	<u>Actual</u>	<u>Difference</u>
Revenues:			
Net Position Appropriated	162	162	0
Operating	5,315	5,300	(15)
Non-Operating		<u> 159</u>	<u> 159</u>
	<u>5,477</u>	<u>5,621</u>	<u>144</u>
Expenses:			
Operating	3,397	2,997	400
Capital Reserve	650	650	0
2012 Series N Reserve	30	30	0
Debt Service	<u>1,400</u>	<u>1,362</u>	<u>38</u>
	<u>5,477</u>	<u>5,039</u>	<u>438</u>
Income Before Depreciation			
and Amortization	0	<u>582</u>	<u>582</u>

In accordance with the terms of the service contracts with Bloomingdale, Butler, Kinnelon and Riverdale, the PRBRSA determines the sewer user charges (Annual Charges) based on three separate cost elements, namely, debt service (the Debt Service Annual Charge), operation and maintenance (the O&M Charge) and administrative (the Administrative Charge). A budget hearing is conducted annually in accordance with N.J.S.A. 40:14B.

The following charts summarize the distribution of the <u>budgeted</u> FY 2018 Annual Charges to the four towns served by the PRBRSA:

# PEQUANNOCK RIVER BASIN REGIONAL SEWERAGE AUTHORITY - DEBT SERVICE CHARGE

Gallons of Allocation	Percent of Allocation	Debt Service <u>Charge</u>	<u>Total</u>	Bloomingdale	Butler	<u>Kinnelon</u>	Riverdale
904,500	34.79%		\$723,600	\$723,600			
991,000	38.11%		792,700		\$792,700		
204,500	7.87%		163,700			\$163,700	
500,000	19.23%		400,000				\$400,000
2,600,000	100.00%	\$2,080,000	\$2,080,000	\$723,600	\$792,700	\$163,700	\$400,000

# PEQUANNOCK RIVER BASIN REGIONAL SEWERAGE AUTHORITY - $\mathbf{O\&M}$ CHARGE

Gallons of Consumption	Percent of Consumption	O&M <u>Charge</u>	<u>Total</u>	Bloomingdale	Butler	Kinnelon	<u>Riverdale</u>
720,000	34.62%		\$914,000	\$914,000			
950,000	45.67%		1,205,700		\$1,205,700		
100,000	4.81%		127,000			\$127,000	
310,000	14.90%		393,300				\$393,300
2,080,000	100.00%	\$2,640,000	\$2,640,000	\$914,000	\$1,205,700	\$127,000	\$393,300

# PEQUANNOCK RIVER BASIN REGIONAL SEWERAGE AUTHORITY - ADMINISTRATIVE CHARGE

Gallons of Consumption	Percent of Consumption	Administrative <u>Charge</u>	<u>Total</u>	Bloomingdale	Butler	<u>Kinnelon</u>	Riverdale
720,000	34.62%		\$200,800	\$200,800			
950,000	45.67%		264,900		\$264,900		
100,000	4.81%		27,900			\$27,900	
310,000	14.90%		86,400				\$86,400
2,080,000	100.00%	\$580,000	\$580,000	\$200,800	\$264,900	\$27,900	\$86,400

# PEQUANNOCK RIVER BASIN REGIONAL SEWERAGE AUTHORITY - TOTAL ANNUAL CHARGES

Total Annual <u>Charge</u>	<u>Total</u>	Bloomingdale	Butler	Kinnelon	Riverdale
	\$1,838,400 2,263,300 318,600 879,700	\$1,838,400	\$2,263,300	\$318,600	\$879,700
\$5,300,000	\$5,300,000	\$1,838,400	\$2,263,300	\$318,600	\$879,700

REVENUES Total Annual Charges Plus: Retained Earnings Investment Income Application Fees and Misc. Interest: State Loan Bonds TBSA Debt Service Credit	\$5,300,000  0 13,000 2,000 0 0	
TOTAL FY 2018 BUDGETED REVENUES		<u>\$5,315,000</u>
APPROPRIATIONS  Debt Service:  TBSA Contract Payments Direct PRBRSA Capital Reserve Fund 2012 Series N Reserve (BRR) Total  Administrative:	\$1,100,000 300,034 650,000 30,000 2,080,034	
TBSA Contract Payments	264,000	
Direct PRBRSA	<u>317,000</u>	
Total	581,000	
Operation and Maintenance:		
TBSA Contract Payments	2,321,000	
Direct PRBRSA	173,000	
System Improvements	153,000	
Operating Reserve	<u>6,966</u>	
Total	2,653,966	

\$5,315,000

TOTAL FY 2018 BUDGETED APPROPRIATIONS

# Second and Third Amendment to Debt Service Forward Delivery Agreements (Guaranteed Investment Contract)

Effective September 26, 2013, the Authority entered into the Third Amendment to the Debt Service Forward Delivery Agreement to amend the Guaranteed Investment Contracts between and among the Authority, Wells Fargo, NA and US Bank. The previously guaranteed interest rates were not amended. Both the Debt Service and the Debt Service Reserve Guaranteed Investment Contracts will continue to earn a net of 5.86% DSRF and 6.54% on the Bond Service Fund (DSF). The DSRF arbitrage yield was lowered to 1.656503% as a result of the refunding. Accordingly, income earned on the DSRF will be subject to substantially higher rebates due to the Internal Revenue Service in future years. Since the DSF cash flows are not subject to arbitrage/permitted yield limitations, no rebates will be due IRS on the DSF income.

The Authority has created a dedicated reserve, the "2012 Series N Arbitrage Rebate Reserve Fund" to accrue the arbitrage rebate due on the Bond Reserve Fund in 5 year cycles. The October 31, 2018 balance in the 2012 Series N Arbitrage Rebate Reserve Fund was \$43,073.

The Second Amendment to the Debt Service Reserve Fund Forward Delivery Agreement remains in effect.

# Capital Assets

At the end of 2018, the Authority had invested \$14,307,160 in capital assets. The Authority's net plant and equipment at fiscal year-end was \$6,181,846. This is a \$14,118 decrease under last year's net plant, property and equipment of \$6,195,964. A summary of the Authority's capital assets is presented in the following table:

<b>Capital Assets</b>
$(000^{t}s)$

	FY 2018	FY 2017	Dollar <u>Change</u>	FY 2016
Interceptor	<u>\$13,938</u>	<u>\$13,938</u>	<u>\$0</u>	<u>\$13,967</u>
Total Capital Assets	13,938	13,938	0	13,967
Less: Accumulated Depreciation	(8,125)	<u>(7,777)</u>	<u>(348)</u>	(7,428)
	5,813	6,161	(348)	6,539
Construction in Progress	369	35	_334	
Net Capital Assets	<u>\$6,182</u>	<u>\$6,196</u>	<u>(\$14)</u>	<u>\$6,539</u>

### **Debt Service Payable**

At October 31, 2018, the Authority had outstanding bonds and loans payable in the amount of \$2,145,152. The debt payments extend to December 1, 2034. Interest rates range from 0% to 5.00%.

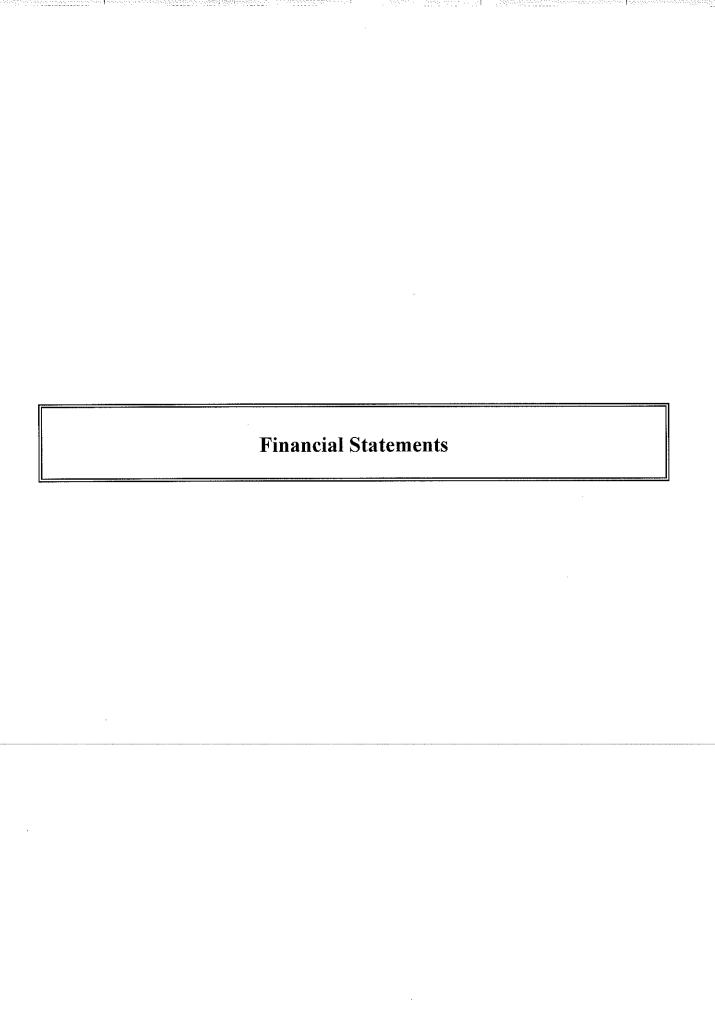
### Economic Factors, Future Years Budgets and Rates

The Authority's Board and management of the Authority consider a broad range of factors when preparing each year's budget and establishing the sewer user charges (i.e., the Annual Charges) to the towns. The principal factors include, for example, anticipated contractual charges from the Pequannock, Lincoln Park & Fairfield Sewerage Authority (i.e., the Two Bridges Sewerage Authority); the need for repairs/replacements of and/or capital improvements to the PRBRSA regional interceptor system; significant increases in the required service levels (i.e., the flow contributions from the four towns); anticipated investment yields on non-operating revenues; and any anticipated regulatory changes likely to impose additional direct expenses or indirect expenses, the latter primarily through increases in the Two Bridges Sewerage Authority charges.

To reduce the rate impacts of anticipated debt service increases resulting from the Two Bridges Sewerage Authority wastewater treatment plant capital improvement program, a Capital Reserve Fund was created in FY 2007. As of October 31, 2018, the Capital Reserve Fund balance was \$4,209,729.

## Contacting the Authority

This financial report is designed to provide the Authority's Participants and the Borough of Riverdale, as well as System users, the general public, investors and creditors, with a general overview of the Authority's finances and to demonstrate the Authority's accountability for the fees it receives. If you have any questions about this report or need additional information, it may be obtained from the Authority's website at PRBRSA.org or by contacting the Pequannock River Basin Regional Sewerage Authority, Municipal Building, One Ace Road, Butler, NJ 07405. (Authority @ prbrsa.org).



# PEQUANNOCK RIVER BASIN REGIONAL SEWERAGE AUTHORITY STATEMENT OF NET POSITION OCTOBER 31,

		2018	2017
CURRENT ASSETS:			
Cash and Cash equivalents	\$	7,824,094	7,068,138
Due From 2013 Project Fund			407,621
Prepaid Expenses	_	313,964	327,794
Total Current Assets	_	8,138,058	7,803,553
NON-CURRENT ASSETS:		•	
Restricted:			
Cash and Cash equivalents		1,312,226	1,426,975
Investments		307,400	301,215
Accrued Interest Receivable	_	9,629	14,774
		1,629,255	1,742,964
Capital Assets:			
Plant, Property and Equipment:			
Interceptor		13,937,885	13,937,709
Less: Accumulated Depreciation	_	(8,125,314)	(7,776,867)
			6,160,842
	_		35,122
Net Capital Assets	-	6,181,846	6,195,964
Total Non-current Assets	_	7,811,101	7,938,928
TOTAL ASSETS	_	15,949,159	15,742,481
DEFERRED OUTFLOWS OF RESOURCES:			
Unamortized Loss on Refunding of Debt	_	260,628	347,504
TOTAL DEFERRED OUTFLOWS OF RESOURCES	\$_	260,628	347,504
I YADIR ITTICC.			
Accounts Payable and Accrued Liabilities	\$ _	46,631	213,871
•		46,631	213,871
Construction in Progress Net Capital Assets  Total Non-current Assets  FOTAL ASSETS  DEFERRED OUTFLOWS OF RESOURCES: Unamortized Loss on Refunding of Debt  FOTAL DEFERRED OUTFLOWS OF RESOURCES  LIABILITIES: Current Liabilities: Payable from Unrestricted Assets:		5,812,571 369,275 6,181,846 7,811,101 15,949,159 260,628 260,628	6,160, 35, 6,195, 7,938, 15,742, 347, 347,

# PEQUANNOCK RIVER BASIN REGIONAL SEWERAGE AUTHORITY STATEMENT OF NET POSITION OCTOBER 31,

	2018	2017
LIABILITIES (cont.):		
Current Liabilities (cont.):		
Payable from Restricted Assets:		
Bonds Payable - Current Portion	255,634	250,634
Due to Unrestricted Funds		407,621
Accounts Payable	45,018	12,629
Accrued Interest Payable	16,313	19,333
	316,965	690,217
Total Current Liabilities	363,596	904,088
Non-Current Liabilities:		
Sewer Revenue Bonds Payable	1,889,518	2,145,152
Total Non-Current Liabilities	1,889,518	2,145,152
TOTAL LIABILITIES	2,253,114	3,049,240
DEFERRED INFLOWS OF RESOURCES:		
Unamortized Bond Premium	115,075	142,297
TOTAL DEFERRED INFLOWS OF RESOURCES	115,075	142,297
NET POSITION:		
Invested in Capital Assets, net of Related Debt	4,137,229	3,585,135
Restricted:		
Bond Reserve	208,000	208,000
Renewal and Replacement	50,000	50,000
Debt Service Reserve	160,417	155,833
Operating Requirement	1,083,741	1,061,250
Construction Funds	110,784	248,548
Unrestricted		
Designated	5,131,755	5,212,026
Undesignated	2,959,672	2,377,656
TOTAL NET POSITION	\$13,841,598	12,898,448

# PEQUANNOCK RIVER BASIN REGIONAL SEWERAGE AUTHORITY COMPARATIVE STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION FOR THE FISCAL YEAR ENDED OCTOBER 31,

		<del></del>	
		2018	2017
Operating Revenues:	•		,
Service Contracts with Municipalities	\$	5,300,000	5,244,385
Total Operating Revenues		5,300,000	5,244,385
Operating Expenses:			
Cost of Providing Services		2,506,758	2,584,139
Administrative and General		489,726	495,655
Depreciation		348,447	348,443
Total Operating Expenses		3,344,931	3,428,237
Operating Income/(Loss)		1,955,069	1,816,148
Non Operating Revenues (Expenses):			
Interest Earned on Investments		156,586	63,386
Income from NJ Wastewater Treatment Trust			456
Application Fees		2,550	700
Miscellaneous			5,449
Amortization of Bond Premiums		27,222	27,222
Cancellation of Prior Year Accrued Liability			13,073
Two Bridges Sewerage Authority Debt			
Service Charges		(1,065,070)	(1,088,014)
Interest Expense		(46,331)	(54,988)
Amortization of Loss on Advance			•
Refunding		(86,876)	(86,876)
Total Non-Operating Revenues (Expenses)		(1,011,919)	(1,119,592)
Change in Net Position		943,150	696,556
Net Position - Beginning	<del></del>	12,898,448	12,201,892
Net Position - Ending	\$	13,841,598	12,898,448

# PEQUANNOCK RIVER BASIN REGIONAL SEWERAGE AUTHORITY STATEMENT OF CASH FLOWS FOR THE FISCAL YEAR ENDED OCTOBER 31,

EXHIBIT C
Page 1 of 2

	<u></u>	2018	2017
CASH FLOWS FROM OPERATING ACTIVITIES:			
Cash Received from Customers	\$	5,300,000	5,244,385
Other Receipts		2,550	6,149
Cash Paid to Suppliers		(3,149,894)	(3,114,156)
Interest Received		161,731	83,478
Interest Paid	Bir sandradi (B <sup>erry</sup> )	(49,351)	(63,301)
Net Cash Provided (Used) by Operating Activities		2,265,036	2,156,555
CASH FLOWS FROM INVESTING ACTIVITIES:			
Sale/(Purchase) of Investments		(6,185)	569,700
Purchase of Property, Plant and Equipment	_	(301,940)	(46,222)
Net Cash Provided (Used) by Financing Activities		(308,125)	523,478
CASH FLOWS FROM FINANCING ACTIVITIES:			
Income from NJ Wastewater Treatment Trust			456
NJ Environmental Infrastructure Trust Loan Proceeds			66,005
Two Bridges Sewerage Authority Debt Service (net)		(1,065,070)	(1,088,014)
Bonds Retired	-	(250,634)	(730,634)
Net Cash Provided (Used) by Capital and Related			
Financing Activities		(1,315,704)	(1,752,187)
NET INCREASE / (DECREASE) IN CASH			
AND CASH EQUIVALENTS		641,207	927,846
CASH AND CASH EQUIVALENTS-		0.405.110	7.557.057
BEGINNING OF YEAR		8,495,113	7,567,267
CASH AND CASH EQUIVALENTS-		0.40 < 0.00	0.405.140
END OF YEAR	\$	9,136,320	8,495,113
Classified As:			
Unrestricted Assets	\$	7,824,094	7,068,138
Restricted Assets	<del> </del>	1,312,226	1,426,975
	\$	9,136,320	8,495,113

See accompanying Notes to the Financial Statements.

# PEQUANNOCK RIVER BASIN REGIONAL SEWERAGE AUTHORITY

# EXHIBIT C Page 2 of 2

# COMPARATIVE STATEMENT OF CASH FLOWS PROPRIETARY FUNDS

## FOR THE FISCAL YEAR ENDED OCTOBER 31,

		2018	2017	
OPERATING INCOME/(LOSS)	\$	1,955,069	1,816,148	
Adjustments to Reconcile Operating Income/(Loss) to				
Net Cash Provided by Operating Activities:				
Depreciation		348,447	348,443	
Interest Income		156,586	63,386	
Interest Expense		(46,331)	(54,988)	
Other Income		2,550	6,149	
(Increase)/Decrease in:				
Accrued Interest Receivable		5,145	20,092	
Prepaid Expenses		13,830	(38,237)	
(Decrease)/Increase in:				
Accrued Liabilities - Arbitrage Rebates			(56,216)	
Accounts Payable		(167,240)	60,091	
Accrued Interest Payable		(3,020)	(8,313)	
Total Adjustments		309,967	340,407	
NET CASH PROVIDED BY OPERATING ACTIVITIES	\$	2,265,036	2,156,555	

**Notes to Financial Statements** 

# NOTE 1. ORGANIZATION AND RELATIONSHIP WITH TWO BRIDGES AND OTHER PARTIES

The Pequannock River Basin Regional Sewerage Authority (the "Pequannock River Authority", the "Authority, or "PRBRSA") was created in May 1974 by parallel ordinances of its three member municipalities, Bloomingdale, Butler and Kinnelon for the purpose of acquiring, constructing, maintaining and operating sewerage facilities for the improvement of water quality in the Pequannock River Basin. In 1985, the Authority entered into a Participant service agreement with Bloomingdale and Butler which obligates each municipality to pay a proportionate share of the Authority's operating expenses, bond service and required reserve additions not met by other sources. In January 1987, the Authority entered into a customer service contract with the Borough of Riverdale, which obligates the Borough to pay for the cost of services rendered by the Authority. In December 1990, the Authority entered into a revised Participant service contract with Bloomingdale, Butler and Kinnelon, which also obligates Kinnelon to pay for the cost of services provided by the Authority.

On December 16, 1987, the Authority initiated regional operations by placing into operation the newly constructed regional sewer lines (the "interceptor facilities") interconnecting the PRBRSA service areas with the existing system of the Two Bridges Sewerage Authority. In conjunction with its regional wastewater management responsibilities, the Authority also assumed ownership of certain existing interceptor facilities as conveyed to PRBRSA by the Boroughs of Bloomingdale and Butler.

Under the terms of the December 20, 1985 agreement referred to above, the Pequannock River Authority is entitled to share in any refunding or crediting of the retained earnings of the Two Bridges Sewerage Authority generated subsequent to the date of conveyance by PRBRSA to Two Bridges of the New Interceptor - Southern Portion on that date.

On December 31, 2008, the Authority entered into four agreements collectively known as the "2008 Amendments" to the following agreements: (1) The December 20, 1985 Agreement with Two Bridges; (2) The 1990 Amendment to the 1985 Service Contract Between and Among the Boroughs of Bloomingdale, Butler and Kinnelon; (3) The 1987 Riverdale Service Contract; (4) a separate agreement between and among the Borough of Lincoln Park, the Authority and the Borough of Riverdale.

The 2008 Amendments increased the Authority's treatment capacity allocation in the Two Bridges system (from 2.50 mgd to 2.60 mgd) as well as the main sewer capacity (from 3.750 mgd to 3.925 mgd) and among other things, increased the Borough of Riverdale's reserve capacity allocation in the Authority's System from (0.309 mgd to 0.409 mgd) commensurately increasing the Authority's treatment plant and main sewer debt service obligations to Two Bridges.

# NOTE 1. ORGANIZATION AND RELATIONSHIP WITH TWO BRIDGES AND OTHER PARTIES, (continued)

On December 7, 2015, the Authority entered into two agreements collectively known as the "2015 Amendments" as follows: (1) "2015 Five Party Agreement Between and Among the Pequannock River Basin Regional Sewerage Authority and the Borough of Kinnelon and the Borough of Bloomingdale and the Borough of Butler and the Borough of Riverdale"; and (2) "2015 Amendment to the 1987 Service Contract between the Pequannock River Basin Regional Sewerage Authority and the Borough of Riverdale".

The 2015 Amendments decreased the Borough of Bloomingdale's capacity allocation from 0.9500 mgd to 0.9045 mgd, decreased the Borough of Kinnelon's 0.2500 mgd capacity allocation to 0.2045 mgd and increased Riverdale's capacity allocation from 0.409 mgd to 0.500 mgd.

The Authority's annual payment obligation to Two Bridges includes a portion of TBSA's treatment plant debt service and TBSA's main sewer debt service.

During the years ended October 31, 2018 and 2017, the charges between Two Bridges Sewerage Authority and the Pequannock River Authority for providing services were as follows:

	<u>2018</u>	<u>2017</u>
Operations and Maintenance	\$2,278,122	\$2,366,301
Administrative Expenses	226,507	251,136
Two Bridges Debt Service	1,065,070	1,088,014
	<u>\$3,569,699</u>	<u>\$3,705,451</u>

The Authority's financial statements include all the accounts of all the Authority's operations. The primary criterion for including activities within a reporting entity, as set forth in Section 2100 of the Governmental Accounting Standards Board ("GASB") Codification of Governmental Accounting and Financial Reporting Standards, is whether:

- the Organization is legally separate (can sue or be sued in their own name);
- the primary government holds the corporate powers of the organization;
- the primary government appoints a voting majority of the organization board;
- the primary government is able to impose its will on the organization;
- the organization has the potential to impose a financial benefit/burden on the primary government;
- there is a fiscal dependency by the organization on the primary government.

# NOTE 1. ORGANIZATION AND RELATIONSHIP WITH TWO BRIDGES AND OTHER PARTIES, (continued)

GASB Statement No. 14, The Financial Reporting Entity, as amended by GASB Statement No. 39, Determining Whether Certain Organizations are Component Units, and GASB Statement No. 61, The Financial Reporting Entity: Omnibus - an Amendment of GASB Statements No. 14 and 34, establish standards to determine whether a government component until should be included in the financial reporting entity. The basic criterion for inclusion or exclusion from the financial reporting entity is the exercise of oversight responsibility for agencies, boards and commissions by the primary government. The exercise of oversight responsibility includes financial interdependency, selection of governing authority, designation of management, ability to significantly influence operations and accountability for fiscal matters. The Authority has determined that there were no additional entities required to be included in the reporting entity under the criteria as described above, in the current or prior years.

### **Reporting Entity**

The Authority's financial statements include the operations of the wastewater collection for which the Board members of the Authority exercise financial accountability. The Board members are appointed to five-year terms by their respective municipalities. There are no additional entities required to be included in the reporting entity and the Authority is not included in any other reporting entity.

## NOTE 2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

#### A. Basis of Financial Statements:

The financial statements of the Pequannock River Basin Regional Sewerage Authority have been prepared on the accrual basis of accounting in conformity with accounting principles generally accepted in the United States of America (GAAP) as applied to governmental units. The Governmental Accounting Standards Board (GASB) is the accepted standard setting body for establishing governmental accounting and financial reporting principles.

#### B. Basis of Accounting:

The Pequannock River Basin Regional Sewerage Authority prepares its financial statements on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America. Under the accrual basis of accounting, revenues are recognized when they are earned and expenses are recognized when the liability is incurred.

# NOTE 2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, (continued)

## C. Restricted Accounts:

The 1986 Bond Resolution provides that all revenue received by the Authority be deposited with a Trustee in accounts with various restrictions in the priority of the order listed:

Reserve Fund	<u>Amount</u>	<u>Purpose</u>
Revenue (Revolving)	All revenue (as defined) received by the Authority.	Authorized operating expenses and transfers to the various accounts described below after three months operating expenses reserved.
Bond Service	Amount needed to meet the bond service requirements.	Principal and interest on bonds
Sinking Fund	Amount needed to increase the account to the amount of the aggregate of all sinking fund installments (if any) required to be paid on the next succeeding December 1.	Retirement of bonds for which such account is maintained.
Bond Reserve	Amount needed to equal the Bond Reserve Requirement (as defined).	Transfers to meet minimum levels required in the Bond Service Fund or the Sinking Fund. Any excess remaining is to be paid back to the Revenue Fund.
Renewal and Replacement	Amount needed to increase the balance to equal the System Reserve Requirement.	Transfers to meet the reasonable and necessary expenses for major repairs, renewals, replacements or maintenance items of a type not recurring annually or at short intervals. Any excess is to be paid back to the Revenue Fund.
General	Any balance in revenues after above withdrawals and required reserves.	Transfers to meet deficiencies in any fund or account, after which funds may be expended for any lawful corporate purpose of the Authority.
Construction	Proceeds of debt issued, grant proceeds and insurance proceeds relating to projects (other than use and occupancy insurance), or any amount upon Officer's Certificate.	Prior and future project construction costs.

## NOTE 2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, (continued)

### C. Restricted Accounts: (continued)

In addition to the foregoing, the Authority has established the following account:

## Operating Account - Unrestricted

The Operating account was established to carry on the operations of the Authority. Transfers are made from the Revenue Fund to the Operating Account to pay for the operating expenses for the current fiscal year. The Operating Account is a non-trustee controlled account under the direct control of the Authority.

### D. Cash and Cash Equivalents:

Cash and cash equivalents include demand deposits with original maturities of three months or less.

#### E. Investments:

U.S. Treasury and agency obligations and certificates of deposit with maturities of one year or less are stated at cost. All other investments are stated at fair value. Interest earned and not received is accrued. Interest earned on restricted assets is included in non-operating revenues, while interest earned on operating investments (unrestricted assets) is included in operating revenues. Investments are made in accordance with the 1986 Bond Resolution.

#### F. Debt Issue Expenses/Deferred Outflow of Resources:

Debt issue expenses are expensed in the period incurred. When outstanding debt is advance refunded resulting in defeasance of debt, the difference between the reacquisition price and the net carrying amount of the old debt is reported in the accompanying financial statements as a deferred outflow of resources and is being amortized over the life of the old debt or the life of the new debt, whichever is shorter.

#### G. Plant and Equipment:

Plant and equipment are stated at cost, which includes direct construction costs and other expenditures related to construction. Acquisitions that do not provide both current and future benefits are charged to current operating results.

# NOTE 2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, (continued)

### G. Plant and Equipment: (continued)

Depreciation is determined on a straight-line basis for all plant and equipment. Depreciation is provided for over the following estimated useful lives:

Interceptor

40 Years

Interest expense is capitalized on qualified projects, net of interest revenue earned on the proceeds, from the time of borrowing funds for the project until the completion of the project. Thus, during the construction of a qualified project, there would be no impact upon operating results for interest expense or income. Instead, the net interest cost would be added to the cost of the project.

### H. Income Taxes:

No provision has been made for income taxes, as the Authority is exempt from federal and state income taxes.

#### I. Concentration of Credit Risk:

The Authority's financial instruments that are exposed to credit risk consist primarily of cash, cash equivalents and receivables. The Authority places its cash and cash equivalents with financial institutions that are covered by the Federal Deposit Insurance Corporation (FDIC) up to \$250,000. Deposits above that amount are protected by the Governmental Unit Deposit Protection Act (GUDPA), and the Authority believes no significant concentration of credit risk exists with respect to its cash and cash equivalents. There is a significant concentration of credit risk with respect to the Authority's receivables which consist of amounts due from the four (4) municipalities serviced by the Authority. The Authority has entered into service contracts with each of these municipalities (see note 1) that require the municipalities to reimburse the Authority for the cost of services provided.

#### J. Use of Estimates:

The process of preparing financial statements in conformity with generally accepted accounting principles requires the use of estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the period. Estimates are used in budgeting to determine depreciation expense and may be used in the determination of certain claims and judgment liabilities, among other accounts. Actual results could differ from those estimates.

### NOTE 2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, (continued)

#### **K.** Budgetary Procedures:

The Authority follows these procedures in establishing the Operating Fund budget:

The annual budget for each fiscal year of the Authority is introduced by resolution passed by a majority of the full membership of the governing body. Two certified copies are submitted to the director of the Division of Local Government Services at least 60 days prior to the beginning of the Authority's fiscal year for approval prior to its adoption.

The budget must comply with the terms and provisions of any security agreements, and is to be in such form and detail as to items of revenue, expenses and other content as required by law or by rules and regulations of the Local Finance Board.

No Authority budget can be finally adopted until the Director has approved the budget.

A public hearing is conducted annually to obtain citizen comment on the proposed budget.

Appropriations lapse at the close of the fiscal year to the extent that they have not been expended.

The level at which expenditures cannot exceed the budget is at the total budget level.

The budget may be increased after adoption when an item of revenue has been made available after the adoption date (N.J.S.A. 5:31-2.8).

#### L. Recent Accounting Pronouncements

The Government Accounting Standards Board issued <u>GASB Statement No. 75</u>, Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions. This Statement applies to government employers who provided OPEB plans to their employees and basically parallels GASB Statement 68 and replaces GASB Statement 45. The Statement is effective for fiscal years beginning after June 15, 2017. As the Authority has no employees, this Statement is not anticipated to have any impact on the Authority's financial reporting.

The Government Accounting Standards Board issued <u>GASB Statement No. 76</u>, The Hierarchy of Generally Accepted Accounting Principles for State and Local Governments, which reduces the GAAP hierarchy to two categories of authoritative GAAP from the four categories under GASB Statement No. 55, The Hierarchy of Generally Accepted Accounting Principles for

## NOTE 2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, (continued)

## L. Recent Accounting Pronouncements, continued:

State and Local Governments. The first category of authoritative GAAP consists of GASB Statements of Governmental Accounting Standards. The second category comprises GASB Technical Bulletins and Implementation Guides, as well as guidance from the American Institute of Certified Public Accountants that is cleared by the GASB. The Authority is currently reviewing what effect, if any, this Statement might have on future financial statements.

The Government Accounting Standards Board issued GASB Statement No. 77, Tax Abatement Disclosures, which improve financial reporting by giving users of financial statements essential information that is not consistently or comprehensively reported to the public at present. Disclosure of information about the nature and magnitude of tax abatements will make these transactions more transparent to financial statement users. As a result, users will be better equipped to understand (1) how tax abatements affect a government's future ability to raise resources and meet its financial obligations and (2) the impact those abatements have on a government's financial position and economic condition. The Authority believes this Statement will have no impact on future financial statements.

The Government Accounting Standards Board issued GASB Statement No. 78, Pensions Provided through Certain Multiple-Employer Defined Benefit Pension Plans, which establishes the criteria for identifying the applicable pension plans and addresses measurement and recognition for pension liabilities, expense and expenditures; note disclosures of descriptive information about the plan, benefit terms, and contributions items; and required supplementary information presenting required contribution amounts for the past 10 fiscal years. As the Authority has no employees, this Statement is not anticipated to have any impact on the Authority's financial reporting.

The Government Accounting Standards Board issued <u>GASB Statement No. 79</u>, Certain External Investment Pools and Pool Participation, which permits qualifying external investment pools to measure pool investments at amortized cost for financial reporting purposes. The Authority is currently reviewing what effect this Statement might have on future financial statements.

The Government Accounting Standards Board issued <u>GASB Statement No. 80</u>, *Blending Requirements for Certain Component Units*, which provides clarity about how certain component units incorporated as not-for-profit corporations should be presented in the financial statements of the primary state or local government. The Authority does not believe this Statement will have any effect on future financial statements.

### NOTE 2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, (continued)

### L. Recent Accounting Pronouncements, continued:

In March 2016, the Government Accounting Standards Board issued <u>GASB Statement No. 81</u>, *Irrevocable Split-Interest Agreements*. The objective of this Statement is to improve accounting and financial reporting for irrevocable split-interest agreements by providing recognition and measurement guidance for situations in which a government is a beneficiary of the agreement. The Authority does not believe this Statement will have any effect on future financial statements.

In March 2016, the Government Accounting Standards Board issued GASB Statement No. 82, Pension Issues - an Amendment of GASB Statements No. 67, No. 68 and No. 73. The objective of this Statement is to address certain issues that have been raised with respect to Statement No. 67, Financial Reporting for Pension Plans, No. 68, Accounting and Financial Reporting for Pensions, and No. 73, Accounting and Financial Reporting for Pensions and Related Assets That Are Not Within the Scope of GASB Statement 68, and Amendments to Certain Provisions of GASB Statements 67 and 68. Specifically, this Statement addresses issues regarding (1) the presentation of payroll-related measures in required supplementary information, (2) the selection of assumptions and the treatment of deviations from the guidance in an Actuarial Standard of Practice for financial reporting purposes, and (3) the classification of payments made by employers to satisfy employee (plan member) contribution requirements. As the Authority does not have any employees, this Statement is not anticipated to have any impact on the Authority's financial reporting.

In November 2016, the Government Accounting Standards Board issued <u>GASB Statement No.</u> 83, Certain Asset Retirement Obligations. This Statement establishes criteria for determining the timing and pattern of recognition of a liability and a corresponding deferred outflows of resources for asset retirement obligations (AROs). The Authority does not believe this Statement will have any effect on future financial statements.

In January 2017, the Government Accounting Standards Board issued <u>GASB Statement No.</u> <u>84</u>, *Fiduciary Activities*. This Statement establishes criteria for identifying fiduciary activities of all state and local governments. The focus on the criteria generally is on (1) whether a government is controlling the assets of the fiduciary activity and (2) the beneficiaries with whom a fiduciary relationship exists. Separate criteria are included to identify component units and postemployment benefit arrangements that are fiduciary activities. The Authority is currently evaluating the effects, if any, this Statement may have on future financial statements.

# NOTE 2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, (continued)

## L. Recent Accounting Pronouncements, continued:

In March 2017, the Government Accounting Standards Board issued <u>GASB Statement No. 85</u>, *Omnibus 2017*, which addresses practice issues that have been identified during the implementation and application of certain GASB statements. This Statement addresses a variety of topics including issues relating to blending component units, goodwill, fair value measurement and application, and postemployment benefits. The Authority is currently reviewing what effect, if any, this Statement might have on future financial statements.

In May 2017, the Government Accounting Standards Board issued <u>GASB Statement No. 86</u>, Certain Debt Extinguishment Issues, which improves consistency in accounting and financial reporting for in-substance defeasance of debt by providing guidance for transactions in which cash and other monetary assets acquired with only existing resources—resources other than the proceeds of refunding debt—are placed in an irrevocable trust for the sole purpose of extinguishing debt. This Statement also improves accounting and financial reporting for prepaid insurance on debt that is extinguished and notes to financial statements for debt that is defeased in substance. The requirements of this Statement are effective for reporting periods beginning after June 15, 2017. The Authority is currently reviewing what effect, if any, this Statement might have on future financial statements.

In June 2017, the Government Accounting Standards Board issued <u>GASB Statement No. 87</u>, *Leases*, which improves accounting and financial reporting for leases by governments. This Statement requires recognition of certain lease assets and liabilities for leases that previously were classified as operating leases and recognized as inflows of resources or outflows of resources based on the payment provisions of the contract. It establishes a single model for lease accounting based on the fundamental principle that leases are financings of the right to use an underlying asset. The requirements of this Statement are effective for reporting periods beginning after December 15, 2019. The Authority is currently reviewing what effect, if any, this Statement may have on future financial statements.

The Government Accounting Standards Board issued GASB Statement No. 88, Certain Disclosures Related to Debt, Including Direct Borrowings and Direct Placement. The objective of this Statement is to improve consistency in the information that is disclosed in notes to government financial statements related to debt, including direct borrowings and direct placements, and to provide financial statement users with additional essential information about debt. This Statement is effective for reporting periods beginning after June 15, 2018. The Authority believes this may impact the disclosures relating to debt in the notes to the financial statements.

## NOTE 3. CASH AND CASH EQUIVALENTS

Cash and cash equivalents include petty cash, cash in banks and all highly liquid investments with a maturity of three months or less at the time of purchase and are stated at cost plus accrued interest. U.S. Treasury and agency obligations and certificates of deposit with maturities of one year or less when purchased are stated at cost. All other investments are stated at fair value.

N.J.S.A. 17:9-41 et. seq. establishes the requirements for the security of deposits of governmental units. The statute requires that no governmental unit shall deposit public funds in a public depository unless such funds are secured in accordance with the Act. Public depositories include Savings and Loan institutions, banks (both state and national banks) and savings banks the deposits of which are federally insured. All public depositories must pledge collateral, having a market value at least equal to five percent of the average daily balance of collected public funds, to secure the deposits of Governmental Units. If a public depository fails, the collateral it has pledged, plus the collateral of all other public depositories, is available to pay the full amount of their deposits to the Governmental Units.

#### **Custodial Credit Risk**

Custodial credit risk is the risk that, in the event of the failure of a depository financial institution, the Authority will not be able to recover its deposits. The Authority's policy is based on New Jersey Statutes requiring cash to be deposited only as described on the preceding page. As of October 31, 2018, \$-0- of the Authority's bank balance of \$10,026,287 was exposed to custodial credit risk.

As of October 31, 2018, the book or carrying amount of the Authority's cash and cash equivalents is summarized as follows:

	Money Market/ Checking	NJ Cash Management	
<u>Accounts</u>	<u>Accounts</u>	<u>Fund</u>	<u>Total</u>
Unrestricted:			
Operating Account	(878,681)		(\$878,681)
Trustee funds		\$8,702,774	8,702,774
Restricted:			
Trustee Funds	<u>25,263</u>	1,286,964	1,312,227
	<u>(\$853,418)</u>	<u>\$9,989,738</u>	<u>\$9,136,320</u>

#### NOTE 3. CASH AND CASH EQUIVALENTS, (continued)

#### **New Jersey Cash Management Fund**

All investments in the Fund are governed by the regulations of the Investment Council, which prescribe specific standards designed to insure the quality of investments and to minimize the risks related to investments. In all the years of the Division of Investment's existence, the Division has never suffered a default of principal or interest on any short-term security held by it due to the bankruptcy of a securities issuer; nevertheless, the possibility always exists, and for this reason a reserve is being accumulated as additional protection for the "Other-than-State" participants. In addition to the Council regulations, the Division sets further standards for specific investments and monitors the credit of all eligible securities issuers on a regular basis.

As of October 31, 2018, the Authority had \$9,989,738 on deposit with the New Jersey Cash Management Fund.

The carrying amount of the Authority's cash and cash equivalents at October 31, 2018 was \$9,136,320 and the bank balance was \$10,026,287. Of this amount, \$9,989,738 in the New Jersey Cash Management Fund is not covered by either the federal depository insurance or the collateral pool maintained by the banks as required by New Jersey Statutes.

#### NOTE 4. <u>INVESTMENTS</u>

The Authority's investment policy permits the investing of funds in the following types of investments:

- (a) Any direct and general obligations of the United States of America.
- (b) Negotiable or nonnegotiable certificates of deposit as defined under "Investment Obligations" of the General Bond Resolution.
- (c) Other investments, as defined in the Authority's Bond Resolution.

#### Credit Risk

Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. State law and the Authority's Bond Resolution limit the type of investments made by the Authority as described above.

#### NOTE 4. <u>INVESTMENTS</u>, (continued)

#### **Interest Rate Risk**

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. The Authority's investment policy permits the investing of funds in the types of investments described above as defined by the Authority's Bond Resolution.

As of October 31, 2018, the Authority had the following investments:

Investment	Average Credit/Quality	Face	Carrying	Invest	ment Maturities (in	Years)
Type	Ratings	Amount	Amount	<u>&lt;1</u>	<u>1-5</u>	<u>6-10</u>
FHLMC Discount Note US Treasury Note	N/A N/A	\$31,000 282,200	\$30,586 276,814	\$30,586 276,814	\$ -0- 0-	\$ -0- 0-
		\$313,200	<u>\$307,400</u>	<u>\$307,400</u>	<u>\$ -0-</u>	<u>\$ -0-</u>

#### NOTE 5. PLANT AND EQUIPMENT

Plant and equipment are depreciated using the straight-line method over estimated useful lives of 40 years for the interceptor. Activity for the Authority's plant and equipment is summarized below:

	Balance 10/31/17	Increases	Decreases	Balance 10/31/18
Capital Assets, Not Being Depreciated: Depreciated:				
Construction in Progress	\$35,122	\$334,329	<u>\$176</u>	\$369,275
Total Capital Assets, Not Being Depreciated	35,122	334,329	176	369,275
Capital Assets, Being Depreciated:				
Interceptor	<u>13,937,709</u>	<u> 176</u>		13,937,885
Total Capital Assets, Being Depreciated	<u>13,937,709</u>	176	<u> </u>	13,937,885
Less: Accumulated Depreciation:				
Interceptor	(7,776,867)	(348,447)		(8,125,314)
Total Accumulated Depreciation	(7,776,867)	(348,447)	<u>—</u>	(8,125,314)
Total Capital Assets, Being Depreciated,				
Net	6,160,842	(348,271)		5,812,571
Capital Assets, Net	<u>\$6,195,964</u>	(\$13,942)	<u>\$176</u>	<u>\$6,181,846</u>

#### NOTE 5. PLANT AND EQUIPMENT, (continued)

	Balance 10/31/16	Increases	Decreases	Balance 10/31/17
Capital Assets, Not Being Depreciated: Depreciated: Construction in Progress Total Capital Assets, Not Being Depreciated	\$ -0- -0-	\$35,122 _35,122	\$	\$35,122 35,122
Capital Assets, Being Depreciated: Interceptor Total Capital Assets, Being Depreciated	13,967,153 13,967,153		_29,444 _29,444	13,937,709 13,937,709
Less: Accumulated Depreciation: Interceptor Total Accumulated Depreciation	(7,428,425) (7,428,425)	(348,442) (348,442)		(7,776,867) (7,776,867)
Total Capital Assets, Being Depreciated, Net	6,538,728	(348,442)	_29,444	6,160,842
Capital Assets, Net	<u>\$6,538,728</u>	(\$313,320)	<u>\$29,444</u>	<u>\$6,195,964</u>

#### NOTE 6. PREMIUM ON BONDS PAYABLE

The Authority received premiums of \$225,574 in connection with the issuance of the Sewer Revenue Refunding Bonds (Series 2012 N) and \$49,656 in connection with the issuance of the Series 2015A-1 NJ Environmental Infrastructure Trust bonds. This premium is being amortized over the life of the bonds using the straight-line method. The unamortized balance of this premium is shown on the Statement of Net Position as a Deferred Inflow of Resources.

#### NOTE 7. BONDS PAYABLE

On September 6, 2012, the Authority issued \$4,195,000 of Sewer Revenue Refunding Bonds (2012 Series N). The Bonds bear interest from 3.00% to 4.00% depending upon their maturity and have a final maturity of December 1, 2021. The bonds yields range from 1.100% to 2.720% providing a net original issuance premium of \$225,574 over the \$4,195,000 par amount of the Bonds and an underwriter's discount of \$25,170 yielding net proceeds of \$4,395,404.

The proceeds of the 2012 Series N Bonds have been used to currently refund all of the \$475,000 aggregate outstanding principle amount of the Authority's Sewer Revenue Bonds (1996 Series L) and all of the \$4,020,000 aggregate principal amount of the Authority's callable Sewer Revenue Refunding Bonds (2002 Series M) and pay the costs and expenses in connection with the issuance of the Bonds. The refunding resulted in a deferred loss on the refunding (difference between the reacquisition price and the net carrying amount of the old debt) of \$796,364 including \$555,244 of unamortized difference related to the 2002 defeasance transaction described above. This difference, reported in the accompanying financial statements as a deferred outflow of resources, is being amortized over the life of the bonds using the straight-line method.

#### NOTE 7. BONDS PAYABLE, (continued)

On May 27, 2015, the Authority issued \$1,225,176 Subordinate Bonds Series 2015A-1 and \$390,000 Subordinate Bonds Series 2015B-1 to the State of New Jersey Environmental Infrastructure Trust. The Series 2015A-1 and 2015B-1 Bonds were issued to evidence a loan from the New Jersey Environmental Infrastructure Trust, and a 0% loan from the State of New Jersey. The bonds were issued to make various capital improvements to the Authority's wastewater system.

The following is a summary of the Authority's long-term debt transactions for the fiscal years ended October 31, 2018 and 2017:

					Principal
	Principal		Refunded/		Amount
	Balance	Issued	Retired	Balance	Due Within
	<u>10/31/17</u>	FY 2018	FY 2018	10/31/18	One Year
2012 Series N	\$920,000	\$	\$170,000	\$750,000	\$175,000
2015 Series A-1	1,115,786		65,634	1,050,152	65,634
2015 Series B-1	<u>360,000</u>		_15,000	<u>345,000</u>	<u> 15,000</u>
	<u>\$2,395,786</u>	<u>\$</u>	<u>\$250,634</u>	<u>\$2,145,152</u>	<u>\$255,634</u>
	×				Principal
	Principal		Refunded/		Amount
	Balance	Issued	Retired	Balance	Due Within
	<u>10/31/16</u>	FY 2017	<u>FY 2017</u>	<u>10/31/17</u>	One Year
2012 Series N	\$1,570,000	\$	\$650,000	\$920,000	\$170,000
2015 Series A-1	1,181,420		65,634	1,115,786	65,634
2015 Series B-1	375,000		<u> 15,000</u>	360,000	15,000
	<u>\$3,126,420</u>	<u>\$</u>	<u>\$730,634</u>	<u>\$2,395,786</u>	<u>\$250,634</u>

As of October 31, 2018 and 2017, the Authority had the following principal amounts of debt outstanding:

•	•		Original		
	Interest	Maturity	Issue		
	Rate	Date	<u>Amount</u>	<u>2018</u>	<u>2017</u>
2012 Series N	3.00%-4.00%	12/01/2021	\$4,195,000	\$750,000	\$920,000
2015 Series A-1	0%	08/01/2034	1,225,176	1,050,152	1,115,786
2015 Series B-1	4.00%-5.00%	08/01/2034	390,000	<u>345,000</u>	360,000
				<u>\$2,145,152</u>	<u>\$2,395,786</u>

#### NOTE 7. BONDS PAYABLE, (continued)

Net interest expense on bonds, including amortization of deferred losses on refundings, is comprised of the following:

	<u>2018</u>	<u>2017</u>
2012 Series N Bonds	\$30,567	\$38,425
2015 Series B-1 Bonds	<u>15,764</u>	16,563
	46,331	<u>54,988</u>
Amortization of Deferred Losses/Gains		
Resulting from Refunding Transactions:		
2012 Defeasance of Series 1996 L and 2002 M	86,876	86,876
Amortization of Bond Premium:		
2012 Series N	(24,608)	(24,608)
2015 Series A-1/B-1	(2,614)	(2,614)
Total Interest Expense (Net)	<u>\$105,985</u>	<u>\$114,642</u>

Aggregate debt service requirements to maturity, including interest expense, are as follows:

Year Ending			
October 31,	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2019	\$255,634	\$41,750	\$297,384
2020	265,635	33,800	299,435
2021	270,634	25,550	296,184
2022	285,635	17,000	302,635
2023	85,634	12,000	97,634
2024	85,634	11,000	96,634
2025	85,634	10,000	95,634
2026	<del>85,634</del>	9,000	94,634
2027	85,634	8,000	93,634
2028	90,635	7,200	97,835
2029	90,635	6,200	96,835
2030	90,635	5,200	95,835
2031	90,635	4,200	94,835
2032	90,635	3,200	93,835
2033	95,634	2,200	97,834
2034	90,635	1,000	91,635
	<u>\$2,145,152</u>	<u>\$197,300</u>	\$2,342,452

#### NOTE 8. NET ASSETS – RESTRICTED AND UNRESTRICTED

The Authority's net position include the following reserves, each of which is fully funded with the trustee, and unrestricted net position:

<u>2018</u>	<u>2017</u>
<u>\$4,137,229</u>	\$3,585,135
208,000	208,000
50,000	50,000
160,417	155,833
1,083,741	1,061,250
<u>110,784</u>	248,548
1,612,942	1,723,631
5,131,755	5,212,026
2,959,672	2,377,656
8,091,427	7,589,682
\$13,841,598	\$12,898,448
	\$4,137,229 208,000 50,000 160,417 1,083,741 110,784 1,612,942 5,131,755 2,959,672 8,091,427

#### NOTE 9. INVESTMENT IN FORWARD DELIVERY AGREEMENTS

On April 27, 2000, the Pequannock River Basin Regional Sewerage Authority entered into two investment agreements with First Union National Bank (currently, Wells Fargo) as "Provider" and with First Union National Bank (currently, US Bank) as "Trustee" for the "Debt Service Reserve Forward Delivery Agreement" and the "Debt Service Forward Delivery Agreement".

Under the Debt Service Reserve Forward Delivery Agreement, "DSRF Agreement", the Authority invested the proceeds of funds available within the Bond Reserve Fund (i.e. the annual Bond Reserve Requirement) in return for a \$75,000 lump sum payment and a net guaranteed investment return of 5.86% through the term of the agreement on December 1, 2021.

Under the Debt Service Forward Delivery Agreement, "DSF Agreement", the Authority invested dedicated cash flows for the principal and the interest payments on the 1992 Series F Sewer Revenue Refunding Bonds to the Provider in exchange for a guaranteed investment return of 6.54% through the maturity of the agreement on December 1, 2021.

All funds made available to the Provider are fully collateralized by U.S. Government Securities deposited with the Trustee.

#### NOTE 9. <u>INVESTMENT IN FORWARD DELIVERY AGREEMENTS, (continued)</u>

Effective December 2, 2002, the First Amendment to the Debt Service Reserve Forward Delivery Agreement and the First Amendment to the Debt Service Forward Delivery Agreement between the Authority and Wachovia Securities Group (the "Provider") (currently, Wells Fargo) modified the terms of the respective April 27, 2000 Agreements to reflect the modified debt service repayment schedule resulting from the December 2, 2002 issuance of the Sewer Revenue Refunding Bonds (2002 Series M).

Simultaneously with the issuance of the 2012 Series N Refunding Bonds, the Forward Delivery Agreements/Guaranteed Investment Contracts were amended through the Second Amendment to the Debt Service Reserve Forward Delivery Agreement and the Second Amendment to the Debt Service Forward Delivery Agreement between and among the Authority, Wells Fargo, NA and US Bank, NA. The previously guaranteed interest rates were not amended. The Guaranteed Investment Contracts will continue to earn a net of 5.86% on the DSRF and 6.54% on the Bond Service Fund (DSF). However, since the DSRF arbitrage yield was lowered to 1.656503% as a result of the refunding, the investment income earned on the DSRF balances will be subject to substantially higher rebates due to the Internal Revenue Service in future years. The DSF cash flows are not subject to rebate or yield restrictions.

Effective September 26, 2013, the Authority entered into the Third Amendment to the Debt Service Forward Delivery Agreement between and among Wells Fargo NA, US Bank NA and the Authority (the "Third Amendment").

The Third Amendment resolved an outstanding issue between the Authority and Wells Fargo on investments due under the Forward Delivery Agreement for the months of June, July, August and September of 2013, during which time the principal amounts residing within the Authority's Forward Delivery account remained uninvested. As of October 1, 2014, the principal amount of \$302,500 along with ongoing deposits of principal and interest were and will continue to be invested at the 6.54% guaranteed investment yield in accordance with the original Forward Delivery Agreement.

#### NOTE 10. SHARED SERVICES AGREEMENT – BOROUGH OF BUTLER

On December 6, 2017, by Resolution No. R-17-12-6, the Authority established the position of Authority Administrator. Concurrently, by Resolution No. R-17-12-7, the Kelly Engineering contract was amended to provide reimbursement to the Authority by Kelly Engineering for salary costs related to the Authority Administrator position.

#### NOTE 10. SHARED SERVICES AGREEMENT – BOROUGH OF BUTLER, (continued)

On January 17, 2018, by Resolution No. R-18-1-4, the Authority approved a Shared Services Agreement by and between the Borough of Butler and the Pequannock River Basin Regional Sewerage Authority (the "Agreement).

Under the Agreement dated January 18, 2018, the Borough of Butler consented to provide the services of a part time employee for Year 1 and Year 2 of the Agreement and a full time employee in Year 3 for a total 10 year term to serve as Authority Administrator.

The Agreement provides that the Borough of Butler will retain the Authority Administrator as an employee of the Borough. The Agreement further provides that the Authority will reimburse the Borough for all expenses incurred related to the Authority Administrator position.

#### NOTE 11. COMMITMENTS AND CONTINGENCIES

The Authority's management and attorney has informed us that they are unaware of any other commitments and contingencies that would have a material effect on the financial statements.

#### NOTE 12. DESIGNATION OF UNRESTRICTED NET POSITION

The Authority's Unrestricted Net Position – Designated at October 31, 2018 and 2017 includes the following amounts:

<u>Purpose</u>	<u>2018</u>	<u>2017</u>
Capital Reserve	\$4,209,729	\$4,290,000
Operating Reserve	550,245	550,245
Bond Service Reserve	211,000	211,000
Insurance Reserve	20,000	20,000
TBSA User Charge Reserve	97,708	97,708
Series 2012 N Arbitrage Rebate Reserve	43,073	43,073
	\$5,131,755	\$5,212,026

#### NOTE 13. DUE FROM PROJECT CONSTRUCTION FUND

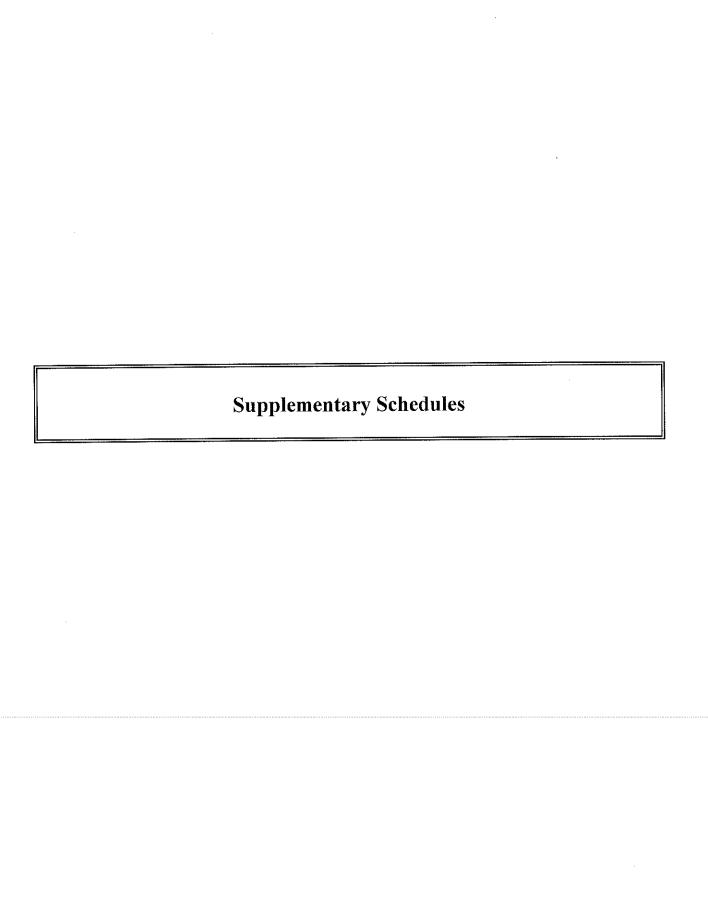
On April 23, 2014, in accordance with Authority Resolution No. R-14-4-2, \$240,000 was transferred from the Authority's Revenue Fund to the Project Construction Fund. This transfer was made as an advance to cover project expenses until the Authority closes on loans from the New Jersey Environmental Infrastructure Trust and the State of New Jersey. Additionally, a payment of \$7,621 was made out of the operating account for an expense relating to the Boonton Interceptor Project. On September 16, 2015, in accordance with Resolution No. R-15-4-2, an additional \$160,000 was transferred from the Revenue Fund to the Project Construction Fund for additional projected cash flow needs. During fiscal year 2018, these funds were repaid from funds remaining within the Authority's 2013 Project Construction Fund and from its Capital Reserve Fund.

#### NOTE 14. FEDERAL ARBITRAGE REGULATIONS

The Authority is subject to Section 148 of the Internal Revenue Code as it pertains to the arbitrage rebate on all tax-exempt obligations, both long and short-term debt. Under the 1986 Tax Reform Act, the Internal Revenue Service (IRS) required that all excess earnings from investment proceeds be rebated to the IRS. Arbitrage, for purposes of these regulations, is defined as the difference between the yield on the investment and the yield on the obligations issued. If there are excess earnings, this amount may be required to be rebated to the IRS. In fiscal year 2017, a payment of \$56,216 was made to the IRS for excess earnings on investment proceeds. At October 31, 2018, the Authority had net position of \$43,073 designated for estimated arbitrage earnings due to the IRS.

#### NOTE 15. SUBSEQUENT EVENTS

The Authority has evaluated subsequent events through January 3, 2019, the date which the financial statements were available to be issued and no additional items were noted for disclosure.



#### SCHEDULE 1

## PEQUANNOCK RIVER BASIN REGIONAL SEWERAGE AUTHORITY SCHEDULE OF CASH RECEIPTS, CASH DISBURSEMENTS AND CHANGES IN CASH AND CASH EQUIVALENTS UNRESTRICTED OPERATING ACCOUNT

CASH AND CASH EQUIVALENTS -				
NOVEMBER 1, 2017			\$	(879,610)
Cash Receipts:				
Interest on Investments	\$	70		
Transfer from:				
Revenue Account		4,215,832		
			_	4,215,902
TOTAL CASH AND CASH EQUIVALENTS AVAILABLE				3,336,292
Cash Disbursements:				
Operations	\$	4,001,102		
Accounts Payable		213,871		
·	<del>- 12 20</del>			4,214,973
CASH AND CASH EQUIVALENTS -				
OCTOBER 31, 2018			\$	(878,681)

## PEQUANNOCK RIVER BASIN REGIONAL SEWERAGE AUTHORITY SCHEDULE OF CASH RECEIPTS, CASH DISBURSEMENTS AND CHANGES IN CASH, CASH EQUIVALENTS AND INVESTMENTS TRUSTEE RESTRICTED AND UNRESTRICTED ACCOUNTS

	Revenue Fund	General Fund	Bond Service Fund	2012 Series N Interest
CASH, CASH EQUIVALENTS				
AND INVESTMENTS,	e 2.70€ 91€	\$ 5,265,030	\$ 208	\$ 8,677
NOVEMBER 1, 2017	\$ 3,786,816	\$ 5,265,030	\$ 208	3 6,077
CASH RECEIPTS:				
Interest on Investments	49,369	90,316	2	319
Service Contracts-Municipal	5,300,000			
Other	2,558			
Transfer From:				0.1.471
Revenue Fund				31,474
General Fund	374,872	1,054,872		
2013 Project Fund	88,966			
Bond Reserve Fund	13,194			
	5,828,959	1,145,188	2	31,793
CASH DISBURSEMENTS:				
Bond Principal				
Interest on Bonds				33,400
Project Expenses				
Transfers To:				
Operating Account	4,215,832			
Revenue Fund		374,872		
2013 Project Fund	250,000			
General Fund	1,054,872	0.5 440		
NJEIT Debt Service Fund		96,550		
Bond Reserve Fund	183			
Bond Service Fund (Principal)	170,865			
Bond Service Fund (Interest)	. 31,474	,		
	5,723,226	471,422	_	33,400
CASH, CASH EQUIVALENTS				
AND INVESTMENTS,				
OCTOBER 31, 2018	\$ 3,892,549	\$ 5,938,796	\$ 210	\$ 7,070
Analysis of Balance:				
Restricted	\$ 1,130,677	\$ -	\$ 210	\$ 7,070
Unrestricted	2,761,872	5,938,796	-	<u>-</u>
	\$ 3,892,549	\$ 5,938,796	\$ 210	\$ 7,070
Cash and Cash Equivalents	\$ 3,892,549	\$ 5,938,796	\$ 210	\$ 159
Investments		<u> </u>	wn .	6,911
	\$ 3,892,549	\$ 5,938,796	\$ 210	\$ 7,070

## PEQUANNOCK RIVER BASIN REGIONAL SEWERAGE AUTHORITY SCHEDULE OF CASH RECEIPTS, CASH DISBURSEMENTS AND CHANGES IN CASH, CASH EQUIVALENTS AND INVESTMENTS TRUSTEE RESTRICTED AND UNRESTRICTED ACCOUNTS

	2012 Series N Principal	Bond Reserve Fund	Bond Reserve Forward Delivery	Renewal and Replacement Fund
CASH, CASH EQUIVALENTS AND INVESTMENTS, NOVEMBER 1, 2017	\$ 100,948	\$ 590	\$ 208,001	\$ 50,670
CASH RECEIPTS: Interest on Investments Service Contracts-Municipal Other	3,863	9	13,011	837
Transfer From: Revenue Fund General Fund 2013 Project Fund Bond Reserve Fund	170,865		183	and the second s
	174,728	9	13,194	837
CASH DISBURSEMENTS: Bond Principal Interest on Bonds Project Expenses Transfers To:	170,000			
Operating Account Revenue Fund 2013 Project Fund General Fund NJEIT Debt Service Fund Bond Reserve Fund Bond Service Fund (Principal) Bond Service Fund (Interest)			13,194	
	170,000	<u>.                                    </u>	13,194	
CASH, CASH EQUIVALENTS AND INVESTMENTS, OCTOBER 31, 2018	\$ 105,676	\$ 599	\$ 208,001	\$ 51,507
Analysis of Balance: Restricted Unrestricted	\$ 105,676 	\$ - 599	\$ 208,000 1	\$ 50,000 1,507
	\$ 105,676	\$ 599	\$ 208,001	\$ 51,507
Cash and Cash Equivalents Investments	\$ 12,949 92,727	\$ 599 	\$ 239 207,762	\$ 51,507
	\$ 105,676	\$ 599	\$ 208,001	\$ 51,507

## PEQUANNOCK RIVER BASIN REGIONAL SEWERAGE AUTHORITY SCHEDULE OF CASH RECEIPTS, CASH DISBURSEMENTS AND CHANGES IN CASH, CASH EQUIVALENTS AND INVESTMENTS TRUSTEE RESTRICTED AND UNRESTRICTED ACCOUNTS

		nst. Fund 13 Project		IT Debt ervice	Total					
CASH, CASH EQUIVALENTS										
AND INVESTMENTS,	•	210.510	•	C 450	en en	A (75 00P				
NOVEMBER 1, 2017	\$	248,548	_\$	6,450	\$	9,675,938				
CASH RECEIPTS:										
Interest on Investments		3,141		795		161,662				
Service Contracts-Municipal						5,300,000				
Other						2,558				
Transfer From: Revenue Fund		250,000				452,522				
General Fund		250,000		96,550		1,526,294				
2013 Project Fund				,		88,966				
Bond Reserve Fund				<del></del>		13,194				
		253,141		97,345		7,545,196				
CASH DISBURSEMENTS:				80,634		250,634				
Bond Principal Interest on Bonds				15,952		49,352				
Project Expenses		301,939		15,500		301,939				
Transfers To:		501,505				,				
Operating Account						4,215,832				
Revenue Fund		88,966				477,032				
2013 Project Fund						250,000				
General Fund						1,054,872 96,550				
NJEIT Debt Service Fund						183				
Bond Reserve Fund  Bond Service Fund (Principal)						170,865				
Bond Service Fund (Interest)						31,474				
23,000		200.005		96,586		6,898,733				
		390,905		90,380		0,896,733				
CASH, CASH EQUIVALENTS										
AND INVESTMENTS,	Φ.	110 704	ø	7.200	¢	10 277 401				
OCTOBER 31, 2018	\$	110,784	<u>\$</u>	7,209	\$	10,322,401				
Analysis of Balance:										
Restricted	\$	110,784	\$	7,209	\$	1,619,626				
Unrestricted		-				8,702,775				
	\$	110,784	\$	7,209	\$	10,322,401				
		110,704	Ψ	7,207		10,522,101				
	•	110 504	dn.	7 000	ds.	10.015.001				
Cash and Cash Equivalents	\$	110,784	\$	7,209	\$	10,015,001 307,400				
Investments		-				307,400				
	\$	110,784	\$	7,209	\$	10,322,401				

## PEQUANNOCK RIVER BASIN REGIONAL SEWERAGE AUTHORITY SCHEDULE OF OPERATING REVENUES AND COSTS FUNDED BY OPERATING REVENUES COMPARED TO BUDGET YEAR ENDED OCTOBER 31, 2018 WITH COMPARATIVE ACTUAL AMOUNTS FOR THE YEAR ENDED OCTOBER 31, 2017

	2018 Budget	2018 Budget After Modifications		2018 Actual	_	2017 Actual
REVENUE:					_	
Net Position Appropriated \$		\$	\$		\$	150,000
Capital Reserve Appropriated		161,616		161,616		5.044.005
Service Contracts with Municipalities	5,300,000	5,300,000		5,300,000		5,244,385
Interest on Investments	13,000	13,000		156,586		63,386
Income from NJ Wastewater						456
Treatment Trust		2.000		2.550		700
Application Fees	2,000	2,000		2,550		5,449
Miscellaneous Income						3,449
TOTAL OPERATING REVENUES	5,315,000	5,476,616		5,620,752	-	5,464,376
EXPENSES:						
Operations and Maintenance Expenses:						
Professional Services	58,040	58,040		65,458		98,074
Contract Services	257,760	257,760		163,178		119,764
State and Federal Compliance	10,200	10,200		-		
Operating Reserve	6,966	6,966				
Two Bridges Sewerage Authority	2,321,000	2,482,616		2,278,122	-	2,366,301
Total Operating Expenses	2,653,966	2,815,582	. <u>-</u>	2,506,758		2,584,139
Administrative and General Expenses:						
Professional Services	242,760	242,760		214,172		200,862
Insurance	23,970	23,970		22,235		20,870
Office Expenses	12,120	12,120		13,016		10,533
Professional Expenses	10,200	10,200		4,500		4,500
Financial Services	27,950	27,950		9,296		7,754
Two Bridges Sewerage Authority	264,000	264,000		226,507	-	251,136
Total Administrative and General Expenses	581,000	581,000		489,726	_	495,655

#### PEQUANNOCK RIVER BASIN REGIONAL SEWERAGE AUTHORITY SCHEDULE OF OPERATING REVENUES AND COSTS FUNDED BY

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SCHEDULE 3
Page 2 of 2

#### OPERATING REVENUES COMPARED TO BUDGET

#### YEAR ENDED OCTOBER 31, 2018

#### WITH COMPARATIVE ACTUAL AMOUNTS FOR THE YEAR ENDED OCTOBER 31, 2017

	2018 Budget	2018 Budget After Modifications	2018 Actual	2017 Actual
Debt Service:				
Bond Principal	800,634	800,634	800,634	1,270,634
Interest on Bonds	599,400	599,400	561,401	603,002
Total Debt Service	1,400,034	1,400,034	1,362,035	1,873,636
Reserves:				
2012 Series N Reserve (BRR)	30,000	30,000	30,000	30,000
Capital Reserve Fund	650,000	650,000	650,000	390,000
Total Reserves	680,000	680,000	680,000	420,000
TOTAL COSTS FUNDED BY				
OPERATING REVENUE	5,315,000	5,476,616	5,038,519	5,373,430
EXCESS	\$	\$	\$ 582,233	\$ 90,946
Reconciliation of Budgetary Basis To Change in Net Position:				
Depreciation Expense			(348,447)	(348,443)
Amortization of Bond Premium  Amortization of Deferred Gain/Loss on			27,222	27,222
Early Extinguishment of Debt			(86,876)	(86,876)
Net Position Appropriated				(150,000)
Capital Reserve Appropriated			(161,616)	
Capital Reserve Fund Appropriation			650,000	390,000
2012 Series N Reserve Appropriation			30,000	30,000
Prior Year Accrued Liability Cancelled				13,073
TBSA Debt Service Principal			(550,000)	(540,000)
Bond Principal Payments			800,634	1,270,634
Total Adjustments			360,917	605,610
Change in Net Position			943,150	696,556

Page 1 of 3	v	Balance	Oct. 31, 2018		- transit	750,000																			
		Redeemed or	Retired			170,000																			
			Issued																						
PEQUANNOCK RIVER BASIN REGIONAL SEWERAGE AUTHORITY SCHEDULE OF BONDS PAYABLE OCTOBER 31, 2018		Balance	Nov. 1, 2017			920,000																			
	2018	rities	Amount	175,000 185,000 190,000 200,000					15,000	15,000	15,000	20,000	20,000	20,000	20,000	20,000	20,000	25,000	25,000	25,000	25,000	25,000	30,000	25,000	
	OCTOBER 31.	Maturities	<u>Date</u>	12/1/2018 12/1/2019 12/1/2020 12/1/2021					8/1/2019	8/1/2020	8/1/2021	8/1/2022	8/1/2023	8/1/2024	8/1/2025	8/1/2026	8/1/2027	8/1/2028	8/1/2029	8/1/2030	8/1/2031	8/1/2032	8/1/2033	8/1/2034	
EQUANNOCK RIVE		Interest	Rate	4.000% 4.000% 4.000% 4.000%					2.000%	2.000%	2.000%	2.000%	2,000%	2,000%	2.000%	2,000%	4.000%	4.000%	4.000%	4.000%	4.000%	4.000%	4.000%	4.000%	
Al			Amount	4,195,000					390,000																
		Original	7	<del>6</del> 4					<del>69</del>																
			<u>Date</u>	9/6/2012					5/28/2015																
			ž.	2012 Series N			New Tercey Environmental	Infrastructure Trust -	Series 2015A																

345,000

15,000

360,000

# PEQUANNOCK RIVER BASIN REGIONAL SEWERAGE AUTHORITY SCHEDULE OF BONDS PAYABLE OCTOBER 31, 2018

Balance	Oct. 31, 2018																					
Redeemed or	Retired																					
	Issued																		-			
Balance	Nov. 1, 2017																					
Maturities	Amount	21,878	43,756	21,879	43,756	21,879	43,756	21,879	43,756	21,878	43,756	21,879	43,756	21,878	43,756	21,879	43,756	21,878	43,756	21,879	43,756	21,878
Mat	<u>Date</u>	2/1/2019	8/1/2019	2/1/2020	8/1/2020	2/1/2021	8/1/2021	2/1/2022	8/1/2022	2/1/2023	8/1/2023	2/1/2024	8/1/2024	2/1/2025	8/1/2025	2/1/2026	8/1/2026	2/1/2027	8/1/2027	2/1/2028	8/1/2028	2/1/2029
Interest	Rate	%0000	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	%000.0	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
naľ	Amount	1.225.176																				
Original	<u>Date</u>	5/28/2015																				
		State of NJ - Fund Loan - Series 2015A																				

# PEQUANNOCK RIVER BASIN REGIONAL SEWERAGE AUTHORITY SCHEDULE OF BONDS PAYABLE OCTOBER 31, 2018

Balance Oct. 31, 2018											1,050,152	2,145,152	255 634	1,889,518
Redeemed or <u>Refired</u>											65,634	250,634	•	
<u>Issued</u>												1		
Balance Nov. 1, 2017											1,115,786	2,395,786	250 634	2,145,152
Maturities Amount		43,756 21,879	43,756	21,878 43,756	21,879	43,756	21,878	43,756	21,878	43,756				
Mati Date		8/1/2029 2/1/2030	8/1/2030	2/1/2031 8/1/2031	2/1/2032	8/1/2032	2/1/2033	8/1/2033	2/1/2034	8/1/2034				
Interest Rate		0.000%	%000.0	%000.0 0.000%	0.000%	%000.0	0.000%	0.000%	0.000%	%00000				
Amount		1,225,176									 			
Original Date		5/28/2015												
	State of Mi Eund	Loan - Series 2015A										GRAND TOTALS	Analysis of Balance:	Curtent Portion Long-Term Portion

2,145,152

2,395,786

#### **ROSTER OF OFFICIALS**

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

Robert Voorman

Chairman (1), (2)

Borough of Bloomingdale

Raymond Verdonik

Vice Chairman (1), (2)

Borough of Butler

Edwin Howard

Secretary (1)

Borough of Bloomingdale

James P. Lampmann

Treasurer/Asst. Secretary (1)

Borough of Butler

E. J. Gall

Commissioner (1)

Borough of Kinnelon

Paul Metcalfe

Commissioner (1)

Borough of Kinnelon

Kelly Engineering

Consulting Engineer

Maraziti & Falcon, LLP

General Counsel

Ferraioli, Wielkotz, Cerullo & Cuva, P.A.

Auditors

U.S. Bank

Trustee

Hawkins, Delafield & Wood

Bond Counsel

- (1) All Authority Commissioners are covered by an Employment Practices Liability Policy in the amount of \$1,000,000 per occurrence/\$3,000,000 aggregate issued by the Philadelphia Indemnity Insurance Company expiring June 23, 2019.
- (2) Also serves as PRBRSA Member on the Two Bridges Sewerage Authority.

#### Ferraioli, Wielkotz, Cerullo & Cuva, P.A.

Charles J. Ferraioli, Jr., MBA, CPA, RMA Steven D. Wielkotz, CPA, RMA James J. Cerullo, CPA, RMA Paul J. Cuva, CPA, RMA Thomas M. Ferry, CPA, RMA Certified Public Accountants 401 Wanaque Avenue Pompton Lakes, New Jersey 07442 973-835-7900 Fax 973-835-6631 Newton Office 100B Main Street Newton, N.J. 07860 973-579-3212 Fax 973-579-7128

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

The Honorable Chairman and Members of the Pequannock River Basin Regional Sewerage Authority Butler, NJ 07405

We have audited, in accordance with auditing standards generally accepted in the United States of America; audit requirements as prescribed by the Division of Local Government Services, Department of Community Affairs, State of New Jersey; and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, the financial statements of the Pequannock River Basin Regional Sewerage Authority, as of and for the year ended October 31, 2018, and the related notes to the financial statements, and have issued our report thereon dated January 3, 2019.

#### Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the Pequannock River Basin Regional Sewerage Authority'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 Pequannock River Basin Regional Sewerage Authority's internal control. Accordingly, we do not express an opinion on the effectiveness of the Pequannock River Basin Regional Sewerage Authority's internal control.

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



The Honorable Chairman and Members of the Pequannock River Basin Regional Sewerage Authority Page 2.

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

#### Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Pequannock River Basin Regional Sewerage Authority'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 results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Ferraiali, Wielkatz, Cerulla & Cuva, P.A.

FERRAIOLI, WIELKOTZ, CERULLO & CUVA, P.A. Certified Public Accountants Pompton Lakes, New Jersey

January 3, 2019



General Comments

#### PEQUANNOCK RIVER BASIN REGIONAL SEWERAGE AUTHORITY

#### GENERAL COMMENTS

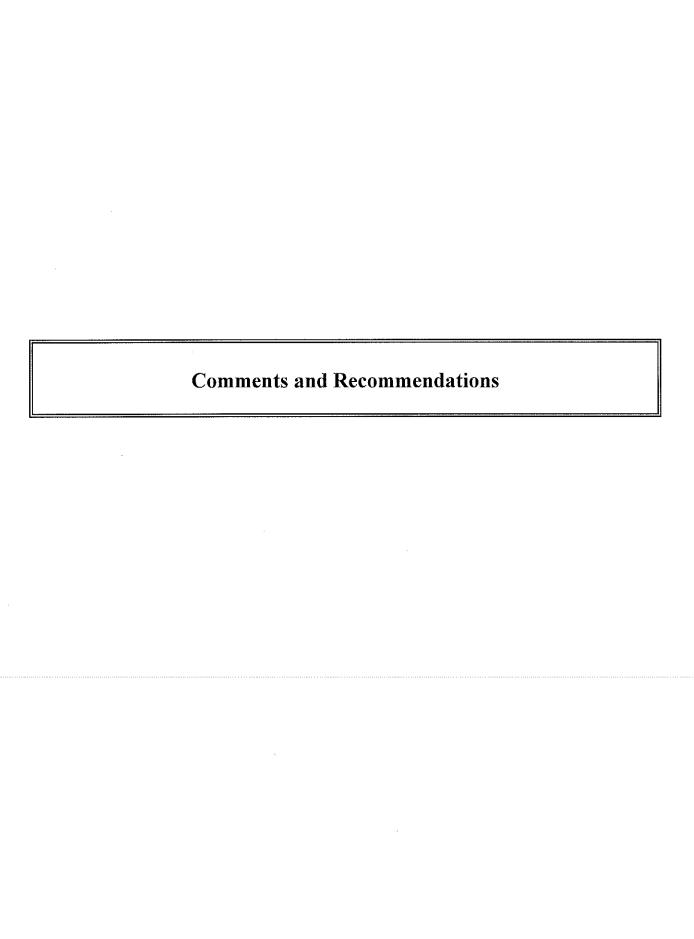
N.J.S.A. 40A:11-4 states "Every contract awarded by the contracting agent for the provision or performance of any goods or services, the cost of which in the aggregate exceeds the bid threshold, shall be awarded only by resolution of the governing body of the contracting unit to the lowest responsible bidder after public advertising for bids and bidding therefor, except as is provided otherwise in this act or specifically by any other law."

The governing body has the responsibility of determining whether the expenditures in any category will exceed the statutory thresholds within the contract year. Where question arises as to whether any contract or agreement might result in violation of the statute, the opinion of the Authority's attorney should be sought before a commitment is made.

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. No violations were discovered.

The results of our examination indicated that no individual payments, contracts, or agreements were made "for the performance of any work or the furnishing or hiring of any materials or supplies," in excess of the statutory thresholds where there had been no advertising for bids in accordance with the provision of N.J.S.A. 40A:11-4.

Resolutions were adopted authorizing the awarding of contract or agreements for "Professional Services" per N.J.S.A. 40A:11-5.



## PEQUANNOCK RIVER BASIN REGIONAL SEWERAGE AUTHORITY COMMENTS AND RECOMMENDATIONS YEAR ENDED OCTOBER 31, 2018

#### **COMMENTS**

There were no comments for the fiscal year ended October 31, 2018.

#### **RECOMMENDATIONS**

There were no recommendations for the fiscal year ended October 31, 2018.

We wish to thank Pequannock River Basin Regional Sewerage Authority for their cooperation during the performance of our audit.

Very truly yours,

Ferraiali, Wielkotz, Cerullo & Cuva, 9.0.

FERRAIOLI, WIELKOTZ, CERULLO & CUVA, P.A. Certified Public Accountants