

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**

**Financial Statements and Supplementary Information**

**For the years ended December 31, 2021 and 2020**

**(With Independent Auditor's Report thereon)**

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Financial Statements and Supplementary Information**  
**For the years ended December 31, 2021 and 2020**

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## INDEPENDENT AUDITOR'S REPORT

Honorable Chairman and Members  
of Berkeley Township Municipal Utilities Authority  
County of Ocean  
Berkeley Township, New Jersey

### Report on the Audit of the Financial Statements

#### *Opinion*

We have audited the accompanying financial statements of the business-type activities of the Berkeley Township Municipal Utilities Authority (hereafter referred to as the "Authority"), a component unit of the Township of Berkeley, County of Ocean, State of New Jersey, as of and for the year ended December 31, 2021, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements as listed in the table of contents.

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the business-type activities of the Authority, as of December 31, 2021, and the respective changes in financial position for the year then ended in accordance with accounting principles generally accepted in the United States of America.

#### *Basis for Opinion*

We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and in compliance with audit standards prescribed by the Local Finance Board and by the Division of Local Government Services, Department of Community Affairs, State of New Jersey. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Authority, and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

#### *Responsibilities of Management 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, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Authority's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

### ***Auditor's Responsibilities for the Audit of the Financial Statements***

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with generally accepted auditing standards, *Government Auditing Standards* and audit standards prescribed by the Local Finance Board and by the Division of Local Government Services, Department of Community Affairs, State of New Jersey will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with generally accepted auditing standards, *Government Auditing Standards* and audit standards prescribed by the Local Finance Board and by the Division of Local Government Services, Department of Community Affairs, State of New Jersey, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit 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 Authority's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Authority's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

### ***Required Supplementary Information***

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

### ***Supplementary Information***

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the Authority's basic financial statements. The accompanying other supplementary schedules as mentioned in the table of contents of the report (Schedules IV, V and VI) are 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. The 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 schedule of expenditures of state financial assistance 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 24, 2023 on our consideration of the 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 Commission's internal control over financial reporting and compliance.

**HOLMAN FRENIA ALLISON, P.C.**  
*Certified Public Accountants*

January 24, 2023  
Lakewood, New Jersey



**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**

Honorable Chairman and Members  
of Berkeley Township Municipal Utilities Authority  
County of Ocean  
Berkeley Township, New Jersey

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States and audit requirements as prescribed by Local Finance Board and by the Division of Local Government Services, Department of Community Affairs, State of New Jersey, the financial statements of the business-type activities of the Berkeley Township Municipal Utilities Authority, a component unit of the Township of Berkeley, County of Ocean, State of New Jersey (herein referred to as “the Authority”), as of and for the year ended December 31, 2021, and the related notes to the financial statements, which collectively comprise the Authority’s basic financial statements and have issued our report thereon dated January 24, 2023.

**Report on Internal Control over Financial Reporting**

In planning and performing our audit of the financial statements, we considered Authority’s internal control over financial reporting internal control as a basis for determining 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 Authority’s internal control. Accordingly, we do not express an opinion on the effectiveness of 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.

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 and therefore, material weaknesses or significant deficiencies may exist that were not identified. 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 or significant deficiencies may exist that were not identified.

## **Report on Compliance and Other Matters**

As part of obtaining reasonable assurance about whether 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* and audit requirements as prescribed by the Local Finance Board and by the Division of Local Government Services, Department of Community Affairs, State of New Jersey.

### **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 Authority's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Audit Standards* and audit requirements as prescribed by the Local Finance Board and by the Division of Local Government Services, Department of Community Affairs, State of New Jersey in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

**HOLMAN FRENIA ALLISON, P.C.**  
*Certified Public Accountants*

January 24, 2023  
Lakewood, New Jersey



## Berkeley Township MUNICIPAL UTILITIES AUTHORITY

42 Station Road  
Bayville, NJ 08721  
(732) 237-0100  
Fax (732) 237-0638

January 24, 2023

### MANAGEMENT'S DISCUSSION AND ANALYSIS

The Berkeley Township Municipal Utilities Authority ("Authority") is a self-supporting water treatment plant and distribution entity proudly serving 3,701 residents and businesses of a bayside community within Berkeley Township, NJ. The treatment plant consists of six rapid sand pressure filters with an automatic flow paced disinfection system. The treated water from three on-site wells is stored in two water storage tanks with a total capacity of 1.4MG. The Authority Board consists of seven residents (five members and two alternates) appointed by the Township who provide management oversight. Each Board Member is appointed to a five year term at staggered intervals. Eight employees service a distribution system of approximately 344,252 linear feet of 6" to 16" diameter mains.

The attached financial statements reflect the results of management's commitment to conservative fiscal planning and performance. We encourage you to visit our website at [www.Berkeleymua.org](http://www.Berkeleymua.org) to review the 2022 Budget which continues to affirm the Board's emphasis to control costs, secure conservative investment income and to designate funds toward water tower maintenance and asset preservation. The most recent Berkeley Township Municipal Utilities Authority Consumer Confidence Report of Water Quality issued during 2022 is also published on this site. We believe these documents honor our mission statement to provide safe, dependable and affordable water to our customers in a manner that protects the public health and environment of our community.

The Management's Discussion and Analysis (MD&A) provides an overview and analysis of the Authority's financial activities for the fiscal year ended December 31, 2021 as compared to the prior year. It should be read in conjunction with the accompanying financial statements.



## **Financial Statements**

The financial statements included in this report are the Statement of Net Position, Statements of Revenues, Expenses and Changes in Net Position, and Statements of Cash Flows as of and for the years ended December 31, 2021 and 2020.

The Statements of Net Position shows the financial position of the Authority at December 31<sup>st</sup> of each year. Assets and deferred outflow of resources are compared with liabilities and net position is the result.

The Statement of Revenues, Expenses and Changes in Net Position measure performance for each year and how this performance impacts the net position of the Authority.

Finally, the Statement of Cash Flows demonstrates why cash balances increased or decreased during the two years.

## **Financial Analysis**

At December 31, 2021, the Authority had total assets and deferred outflow of resources of \$27,250,188 compared to \$27,725,195 at December 31, 2020. The decrease of \$475,007 can be primarily attributed to the depreciation of capital assets during the year.

At December 31, 2021, the Authority had total liabilities and deferred inflow of resources of \$15,513,542 compared to \$16,097,766 at December 31, 2020. This decrease of \$584,224 is primarily due to the activity in deferred inflows, net pension liability and other postemployment benefits liability per the State's actuarial calculation for the year ended December 31, 2021 and the full repayment of the construction loan during the year ended December 31, 2021.

At December 31, 2021, the Authority had total net position of \$11,736,646 compared to \$11,627,429 at December 31, 2020. This increase of \$109,217 is a result of the Authority's operations for the year ended December 31, 2021.

## Condensed Financial Information

Key Authority financial information for the years ended December 31, 2021, 2020 and 2019 includes the following balances:

### Financial Position:

	<u>2021</u>	<u>2020</u>	<u>2019</u>
<b>ASSETS</b>			
Current Unrestricted Assets	\$ 4,714,364	\$ 4,785,141	\$ 4,726,028
Current Restricted Assets	1,598,663	1,512,236	1,451,189
Net Property, Plant and Equipment	<u>18,972,690</u>	<u>19,447,896</u>	<u>19,988,966</u>
Total Assets	<u>25,285,717</u>	<u>25,745,273</u>	<u>26,166,183</u>
<b>DEFERRED OUTFLOW OF RESOURCES</b>			
Deferred Outflows Related to Bond Refundings	50,992	52,881	54,769
Deferred Outflows Related to Other Postemployment Benefits	1,708,107	1,752,002	346,001
Deferred Outflows Related to Pensions	<u>205,372</u>	<u>175,039</u>	<u>269,280</u>
Total Deferred Outflow of Resources	<u>1,964,471</u>	<u>1,979,922</u>	<u>670,050</u>
Total Assets and Deferred Outflow of Resources	<u>\$ 27,250,188</u>	<u>\$ 27,725,195</u>	<u>\$ 26,836,233</u>
<b>LIABILITIES</b>			
Current Liabilities Payable from Unrestricted Assets	\$ 193,517	\$ 167,451	\$ 182,840
Current Liabilities Payable from Restricted Assets	<u>819,472</u>	<u>2,289,646</u>	<u>2,184,287</u>
Total Liabilities	<u>13,061,502</u>	<u>13,465,192</u>	<u>13,719,576</u>
<b>DEFERRED INFLOW OF RESOURCES</b>			
Deferred Inflows Related to Non-exchange Transactions	28,433	42,468	35,235
Deferred Inflows Related to Bond Refundings	99,000	114,000	129,000
Deferred Inflows Related to Other Postemployment Benefits	1,763,745	1,974,923	1,172,491
Deferred Inflows Related to Pensions	<u>560,862</u>	<u>501,183</u>	<u>421,803</u>
Total Deferred Inflow of Resources	<u>2,452,040</u>	<u>2,632,574</u>	<u>1,758,529</u>
<b>NET POSITION</b>			
Net Investment in Capital Assets	8,662,563	8,668,033	8,717,014
Restricted	1,088,827	1,067,920	1,049,773
Unrestricted	<u>1,985,256</u>	<u>1,891,476</u>	<u>1,591,341</u>
Total Net Position	<u>11,736,646</u>	<u>11,627,429</u>	<u>11,358,128</u>
Total Liabilities, Deferred Inflow of Resources, and Net Position	<u>\$ 27,250,188</u>	<u>\$ 27,725,195</u>	<u>\$ 26,836,233</u>

**Other Financial Information**

	<u>2021</u>	<u>2020</u>	<u>2019</u>
Total revenues	\$ 2,334,478	\$ 2,263,594	\$ 2,336,126
Total expenses	<u>2,225,261</u>	<u>1,994,293</u>	<u>2,208,537</u>
Change in net position	<u>\$ 109,217</u>	<u>\$ 269,301</u>	<u>\$ 127,589</u>
User charges	\$ 1,945,161	\$ 1,902,569	\$ 1,844,909
Bond & loan principal paid	\$ 550,356	\$ 541,918	\$ 519,233
Bond & loan payable	\$ 10,262,119	\$ 10,718,744	\$ 11,197,721

Authority operating revenues had a favorable variance of \$193,878 when compared to the budget for 2021 due primarily to user charges, interest income and water tower rental all being higher than what was actually expected during the current year.

Authority operating expenses had a favorable variance of \$470,464 when compared to the budget for 2021 primarily due to management's continuing efforts to contain costs whenever possible resulting in various expenses being under budget.

The Authority's financial report is designed to provide users of the financial statements with a general overview of the Authority's finances and to show the Authority's accountability for the money it receives. The financial statements of the Authority are a matter of public record and may be examined at 42 Station Road, Bayville, New Jersey during business hours or can be viewed at the Authority's website [www.Berkeleymua.org](http://www.Berkeleymua.org).

Respectfully submitted,

  
Michele Nugent  
Executive Director

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Statements of Net Position**  
**December 31, 2021 and 2020**

<b>ASSETS</b>	<b>2021</b>	<b>2020</b>
Current Assets:		
Unrestricted Assets:		
Cash & Cash Equivalents (Note 3)	\$ 1,095,992	\$ 1,486,079
Investments (Note 4)	3,000,000	2,750,000
User Fee Receivable	569,611	460,463
Miscellaneous Receivables	29,277	58,697
Accrued Interest Receivable	1,128	4,152
Connection Fee Receivables	2,030	10,225
Prepaid Expenses	16,326	15,525
Total Current Unrestricted Assets	4,714,364	4,785,141
Restricted Assets:		
Cash & Cash Equivalents (Note 3)	372,851	326,538
Investments (Note 4)	1,208,555	1,153,800
Accrued Interest Receivable	507	248
Due from NJIB	16,750	31,650
Total Current Restricted Assets	1,598,663	1,512,236
Total Current Assets	6,313,027	6,297,377
Noncurrent Assets (Note 6):		
Capital Assets	33,871,427	33,501,889
Less: Accumulated Depreciation	(14,898,737)	(14,053,993)
Capital Assets, Net	18,972,690	19,447,896
Total Noncurrent Assets	18,972,690	19,447,896
Total Assets	25,285,717	25,745,273
<b>DEFERRED OUTFLOW OF RESOURCES</b>		
Deferred Outflows Related to Bond Refundings	50,992	52,881
Deferred Outflows Related to Other Postemployment Benefits (Note 8)	1,708,107	1,752,002
Deferred Outflows Related to Pensions (Note 9)	205,372	175,039
Total Deferred Outflow of Resources	1,964,471	1,979,922
Total Assets and Deferred Outflow of Resources	\$ 27,250,188	\$ 27,725,195

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Statements of Net Position (continued)**  
**December 31, 2021 and 2020**

<b>LIABILITIES</b>	<b>2021</b>	<b>2020</b>
Current Liabilities Payable from Unrestricted Assets:		
Accounts Payable	\$ 97,902	\$ 89,812
Accounts Payable - Related to Pension (Note 9)	76,110	63,065
Accrued Expenses	9,367	6,064
Customer Overpayments	10,138	8,510
Total Current Liabilities Payable from Unrestricted Assets	193,517	167,451
Current Liabilities Payable from Restricted Assets:		
Developer Deposits	141,126	122,988
Construction Loan Payable (Note 7)	-	1,550,997
Accrued Interest Payable on Bonds/Loans	66,600	60,254
Loans Payable, Net (Note 7)	373,136	323,014
Revenue Bonds Payable, Net (Note 7)	238,610	232,393
Total Current Liabilities Payable from Restricted Assets	819,472	2,289,646
Total Current Liabilities	1,012,989	2,457,097
Noncurrent Liabilities:		
Compensated Absences	93,404	77,711
Long-Term Portion of Revenue Bonds Payable (Note 7)	5,317,457	5,556,076
Long-Term Portion of Loans Payable (Note 7)	4,332,916	3,056,264
Net Other Postemployment Benefits Liability (Note 8)	1,534,841	1,377,941
Net Pension Liability (Note 9)	769,895	940,103
Total Noncurrent Liabilities	12,048,513	11,008,095
Total Liabilities	13,061,502	13,465,192
<b>DEFERRED INFLOW OF RESOURCES</b>		
Deferred Inflows Related to Non-exchange Transactions	28,433	42,468
Deferred Inflows Related to Bond Refundings	99,000	114,000
Deferred Inflows Related to Other Postemployment Benefits (Note 8)	1,763,745	1,974,923
Deferred Inflows Related to Pensions (Note 9)	560,862	501,183
Total Deferred Inflow of Resources	2,452,040	2,632,574
<b>NET POSITION</b>		
Net Investment in Capital Assets	8,662,563	8,668,033
Restricted:		
Debt Service	215,271	214,364
Bond Reserve	413,556	413,556
Capital	460,000	440,000
Unrestricted:		
Reserved by Board Designation	990,000	890,000
Unreserved	995,256	1,001,476
Total Net Position	11,736,646	11,627,429
Total Liabilities, Deferred Inflow of Resources, and Net Position	\$ 27,250,188	\$ 27,725,195

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Statements of Revenues, Expenses and Changes in Net Position**  
**For the years ended December 31, 2021 and 2020**

	<u>2021</u>	<u>2020</u>
Operating Revenues:		
Water User Charges	\$ 1,945,161	\$ 1,902,569
Interest and Penalties on User Fees	33,744	11,902
Connection Fees	47,335	23,155
Application Fees and Permits	780	940
Other Operating Revenue	10,248	5,755
Total Operating Revenues	<u>2,037,268</u>	<u>1,944,321</u>
Operating Expenses:		
Cost of Providing Services	631,625	517,301
Administrative Expenses	477,700	420,052
Depreciation Expense	844,744	814,911
Total Operating Expenses	<u>1,954,069</u>	<u>1,752,264</u>
Operating Income	<u>83,199</u>	<u>192,057</u>
Non-Operating Revenues (Expenses):		
Water Tower Rental	284,470	274,675
Interest Income	12,740	44,598
Interest Expense	(244,208)	(242,029)
Debt Issuance Expense	(26,984)	-
Total Non-Operating Revenues (Expenses)	<u>26,018</u>	<u>77,244</u>
Net Income	109,217	269,301
Net Position, January 1	<u>11,627,429</u>	<u>11,358,128</u>
Net Position, December 31	<u>\$ 11,736,646</u>	<u>\$ 11,627,429</u>

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Statements of Cash Flows**  
**For the years ended December 31, 2021 and 2020**

	<b>2021</b>	<b>2020</b>
<b>Cash Flows from Operating Activities:</b>		
Cash Received from Service Users	\$ 1,976,118	\$ 1,711,802
Cash Paid to Suppliers and Employees	(1,221,240)	(1,139,905)
Cash Received from Others	10,248	5,755
Net Cash From Operating Activities	765,126	577,652
<b>Cash Flows from Capital and Related Financing Activities:</b>		
Principal Paid on Long-Term Debt Used for Capital Assets	(550,356)	(541,918)
Interest Paid on Long-Term Debt Used for Capital Assets	(260,362)	(265,120)
Proceeds from Issuance of Debt Used to Acquire Capital Assets	1,653,848	-
Bond Issuance Costs	(26,984)	-
Construction Loan Payable Proceeds/(Repayment)	(1,550,997)	70,034
Acquisition and Construction of Capital Assets	(369,269)	(273,841)
Net Cash From Capital and Related Financing Activities	(1,104,120)	(1,010,845)
<b>Cash Flows from Investing Activities:</b>		
Purchase of Investments	(4,208,555)	(7,769,000)
Maturity of Investments	3,903,800	7,899,000
Cash Received on Non-Operating Water Tower Rental	284,470	274,675
Interest on Investments and Deposits	15,505	75,412
Net Cash From Investing Activities	(4,780)	480,087
Net (Decrease)/Increase in Cash and Cash Equivalents	(343,774)	46,894
Cash and Cash Equivalents, January 1	1,812,617	1,765,723
Cash and Cash Equivalents, December 31	\$ 1,468,843	\$ 1,812,617
<b>Reconciliation to Statements of Net Position:</b>		
Current Unrestricted Assets:		
Cash and Cash Equivalents	\$ 1,095,992	\$ 1,486,079
Current Restricted Assets:		
Cash and Cash Equivalents	372,851	326,538
Cash and Cash Equivalents, December 31	\$ 1,468,843	\$ 1,812,617

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Statements of Cash Flows (continued)**  
**For the years ended December 31, 2021 and 2020**

	<b>2021</b>	<b>2020</b>
<b>Reconciliation of Operating Loss to Cash Flows from Operating Activities:</b>		
Operating Income	\$ 83,199	\$ 192,057
<b>Adjustments to Reconcile Operating Loss to Net Cash Provided by Operating Activities:</b>		
Items Which Did Not Use Cash:		
Depreciation Expense	844,744	814,911
Pension Liability Expense - GASB 68	(140,862)	(27,545)
OPEB Liability (Benefit)/Expense - GASB 75	(10,383)	(194,714)
Working Capital Changes which provided/(used) cash:		
Increase in Accounts Receivable	(109,148)	(226,929)
Decrease/(Increase) in Miscellaneous Receivables	29,420	(35,357)
Decrease in Connection Fee Receivables	8,195	11,070
(Increase)/Decrease in Prepaid Expenses	(801)	1,736
Decrease in Due from NJIB	14,900	15,400
Increase in Accounts Payable	21,135	4,960
Increase/(Decrease) in Accrued Expenses	3,303	(16,839)
(Decrease)/Increase in Deferred Inflows Related to Non-exchange Transac	(14,035)	7,233
Increase/(Decrease) in Customer Overpayments	1,628	(3,510)
Increase in Compensated Absences	15,693	3,380
Increase in Developer Deposits	18,138	31,799
Total Adjustments	681,927	385,595
Net Cash From Operating Activities	\$ 765,126	\$ 577,652

**Noncash Investing, Capital, and Financing Activities:**

During the years ended December 31, 2021 and 2020, noncash capital contributions received were \$2,535 and \$0 respectively.



**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements**

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

The financial statements of the Berkeley Township Municipal Utilities Authority (hereafter referred to as the “Authority”), a component unit of the Township of Berkeley (the “Township”), County of Ocean, State of New Jersey have been prepared to conform 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. The following is a summary of the more significant of these policies.

**Reporting Entity**

The Authority, a public body, corporate and politically organized and existing under the Municipal Utilities Authority Law, constituting Chapter 183 of the Pamphlet Laws of 1957, as amended and supplemented, was created by virtue of ordinance number 88-4-OAB of the Township in the County of Ocean, State of New Jersey, on January 18, 1988.

The Authority owns a water supply and distribution system which services portions of the Township within the franchise area as more fully set forth in the Water Supply Master Plan as adopted by the Authority.

The Authority’s basic financial statements include all accounts of the Authority’s operations. The Authority consists of five members and two alternates, who are appointed by resolution of the Township Committee for five-year staggered terms.

**Component Unit**

The Authority is considered to be a component unit of the Township under GAAP however, the Township does not follow GAAP for accounting and financial reporting purposes rather it follows a regulatory basis of accounting, utilizing accounting principles which differ, in some cases significantly, from GAAP. Of particular note is the exclusion from the Township’s financial statements of potential component units, based on the separate legal status of these units. Accordingly, the financial statements of the Township do not include the Authority as a component unit.

**Basis of Presentation**

The financial statements of the Authority have been prepared on the accrual basis of accounting and in accordance with GAAP applicable to enterprise funds of State and Local Governments on a going concern basis.

All activities of the Authority are accounted for within a single proprietary (enterprise) fund. Proprietary funds are used to account for operations (a) that are financed and operated in a manner similar to private business enterprises - where the intent of the governing body is that the costs (expenses, including depreciation) of providing services to the general public on a continuing basis be financed or recovered primarily through user charges; or (b) where the governing body has decided that periodic determination of revenues earned, expenses incurred, and/or net income is appropriate for capital maintenance, public policy, accountability or other purposes.

The accounting and financial reporting treatment applied to the Authority is determined by its measurement focus. The transactions of the Authority are accounted for on a flow of economic resources measurement focus. With this measurement focus, all assets, liabilities and deferred inflow or outflow of resources associated with the operations are included on the statement of net position. Net position (i.e., total assets net of total liabilities) are segregated into invested in capital assets, net of related debt, restricted and unrestricted components.

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**

**NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)**

**Basis of Accounting**

Basis of accounting determines when transactions are recorded in the financial records and reported on the financial statements. Enterprise funds are accounted for using the accrual basis of accounting.

**Revenues – Exchange and Non-Exchange Transactions** – Revenue resulting from exchange transactions in which each party gives and receives essentially equal value, is recorded on the accrual basis when the exchange takes place. Water service charges are recognized as revenue when services are provided. Connection fees are collected in advance and, accordingly, the Authority defers these revenues until the municipality issues a release for certificate of occupancy and determines that water distribution is being provided to the properties.

Non-exchange transactions, in which the Authority receives value without directly giving equal value in return, include grants, contributed capital, and donations. Revenue from grants, contributed capital, and donations are recognized in the fiscal year in which all eligibility requirements have been satisfied. Eligibility requirements include timing requirements, which specify the fiscal year when the resources are required to be used or the fiscal year when use is first permitted, matching requirements, in which the Authority must provide local resources to be used for a specified purpose, and expenditure requirements, in which the resources are provided to the Authority on a reimbursement basis.

**Expenses** – On the accrual basis of accounting, expenses are recognized at the time they are incurred.

**Budgets and Budgetary Accounting**

The Authority must adopt an annual budget in accordance with *N.J.A.C. 5:31-2*. *N.J.A.C. 5:31-2* requires the governing body to introduce the annual Authority budget at least 60 days prior to the end of the current fiscal year and to adopt no later than the beginning of the Authority's fiscal year. The governing body may amend the budget at any point during the year by resolution of the Board of Authorities. The budgetary basis of accounting is utilized to determine the Authority has sufficient cash to operate and pay debt service. As such, certain items such as bond payments are included in budgetary expenses while depreciation is not included.

The legal level of budgetary control is established at the detail shown on the comparative statements of revenues, expenses and changes in net position. All budget transfers and amendments to those accounts must be approved by resolution of the Authority as required by the Local Finance Board. Management may transfer among supplementary line items as long as the legal level line items are not affected. There are no statutory requirements that budgetary line items not be over-expended.

The Authority records encumbrances. An encumbrance represents a commitment related to unperformed contracts for goods or services. The issuance of a purchase order or the signing of a contract would create an encumbrance. The encumbrance does not represent an expenditure for the period, only a commitment to expend resources. At year-end, the accounting records are adjusted to record only expenses in accordance with generally accepted accounting principles.

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**

**NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)**

**Cash, Cash Equivalents and Investments**

Cash and cash equivalents include cash in banks and may include petty cash and change funds. It may also include 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. Such is the definition of cash and cash equivalents used in the statement of cash flows. 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.

New Jersey Authorities are required by *N.J.S.A. 40A:5-14* to deposit public funds into a bank or trust company having its place of business in the State of New Jersey and organized under the laws of the United States of America or State of New Jersey or the New Jersey Cash Management Fund. *N.J.S.A. 40A:5-15.1* provides a list of securities which may be purchased by New Jersey Authorities. The Authority is required by *N.J.S.A. 17:9-41* to deposit funds in public depositories protected from loss under the provisions of the Governmental Unit Deposit Protection Act (“GUDPA”). GUDPA was enacted in 1970 to protect governmental units from a loss of funds on deposit with a failed banking institution in New Jersey.

Additionally, the Authority has adopted a cash management plan which requires it to deposit public funds in public depositories protected from loss under the provisions of the GUDPA. In lieu of designating a depository, the cash management plan may provide that the local unit make deposits with the State of New Jersey Cash Management Fund.

**Prepaid Expenses**

Prepaid expenses recorded on the financial statements represent payments made to vendors for services that will benefit periods beyond the Authority’s fiscal year end.

**Capital Assets**

Capital assets primarily consist of expenditures to acquire, construct, place in operation and improve the facilities of the Authority. Assets purchased are stated at cost. Assets contributed by developer’s are valued at estimated fair market value as of the date of contribution. Costs incurred for construction projects are recorded as construction in progress. In the year that the project is completed, these costs are transferred to capital assets. The Authority has set capitalization thresholds for reporting capital assets of \$3,000.

Depreciation is determined on a straight-line basis for all capital assets. Depreciation was provided over the following estimated useful lives:

	<u>Years</u>
Water plant	40
Water system improvements	5-40
Furniture and fixtures	7
Machinery and equipment	3-10
Vehicles	5

**Deferred Outflows and Deferred Inflows of Resources**

In addition to assets, the statements of net position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, deferred outflows of resources, represents a consumption of net position that applies to a future period(s) and so will not be recognized as an outflow of resources (expense/expenditure) until then.

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**

**NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)**

**Deferred Outflows and Deferred Inflows of Resources (continued)**

In addition to liabilities, the statements of net position will sometimes report a separate section for deferred inflows of resources. This separate financial statement element, deferred inflows of resources, represents an acquisition of net position that applies to a future period(s) and so will not be recognized as an inflow of resources (revenue) until that time.

**Compensated Absences**

Compensated absences represent amounts to which employees are entitled to based on accumulated leave earned in accordance with the Authority's Personnel Policy. Employees may be compensated for accumulated sick and vacation leave in the event of retirement from service at the current salary. Compensated absences are included in the accrued expenses on the Statement of Net Position.

**Unearned Revenue**

Unearned revenue arises when assets are recognized before revenue recognition criteria have been satisfied and are recorded as a liability until the revenue is both measurable and the Authority is eligible to realize the revenue.

**Deferred Inflows Related to Non-exchange Transactions**

The Authority receives payments for connection fees when new users connect to the water system. Since the Authority does not supply the user with supplies or services to make the physical connection, this would be considered a nonexchange transaction and recorded as deferred inflow related to non-exchange transactions under deferred inflows of resources. The Authority recognizes the revenue in the period that the user exercises their right to connect to the system.

**Bond Discounts/Bond Premium**

Bond discounts and bond premiums are deferred and amortized over the term of the bonds. Bond discounts are presented as a reduction of the face amount of the revenue loan payable. Bond premium is presented as an addition to loan payable.

**Loan Discounts/Loan Premium**

Loan discounts and loan premiums are deferred and amortized over the term of the loans. Loans discounts are presented as a reduction of the face amount of the loans payable. Loan premiums are presented as an addition to loans payable.

**Pension & Other Post-Employment Benefits Section**

For purposes of measuring the net pension and other post-employment benefits liabilities, deferred outflows of resources and deferred inflows of resources related to pensions and other post-employment benefits, and pension and other post-employment benefits expenses, information about the fiduciary net position of the Public Employees' Retirement System ("PERS"), the Other Post-Employment Benefits ("OPEB") and additions to/deductions from the PERS's and OPEB's fiduciary net position have been determined on the same basis as they are reported by the plan. For these purposes, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**

**NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)**

**Net Position**

In accordance with the provisions of GASB Statement No. 34 *Basic Financial Statements – and Management’s Discussion and Analysis – for State and Local Governments*, the Authority has classified its net position into three components – net investment in capital assets; restricted; and unrestricted. These classifications are defined as follows:

Net Investment in Capital Assets – Consists of capital assets including restricted capital assets, net of accumulated depreciation and reduced by the outstanding balances of any bonds, mortgages, notes, or other borrowings that are attributable to the acquisition, construction or improvement of those assets. Deferred outflows of resources and deferred inflows of resources that are attributable to the acquisition, construction, or improvement of those assets or related debt also should be included in this component of net position.

Restricted Net Position – Consists of net position with constraints placed on the use either by (1) external groups such as creditors, grantors, contributors, laws or regulations of other governments; or (2) law through constitutional provisions or enabling legislation.

Unrestricted Net Position – All other net position that do not meet the definition of "restricted" or “net investment in capital assets”.

**Income Taxes**

The Authority operates as defined by Internal Revenue Code Section 115 and appropriately is exempt from income taxes under Section 115.

**Operating and Non-Operating Revenues and Expenses**

The Authority defines its operating revenues as income derived from charges to residents and others for services provided as well as government subsidies and grants used for operating purposes. Non-operating revenues primarily consist of water tower rental and interest income on investments of securities. Operating expenses are costs incurred in the operation of its program activities to provide services to residents and others. Non-operating expenses primarily include expenses attributable to the Authority’s interest on debt and sales of capital assets.

**Use of Estimates**

The process of preparing financial statements in conformity with GAAP requires the use of estimates and assumptions regarding certain types of assets, liabilities, revenues and expenses. Such estimates primarily relate to unsettled transactions and events as of the date of the financial statements. Accordingly, upon settlement, actual results may differ from estimated amount.

**Impact of Recently Issued Accounting Pronouncements**

*Recently Issued Accounting Pronouncements Not Yet Adopted*

The GASB has issued the following Statements which will become effective in future fiscal years as shown below:

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**

**NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)**

**Impact of Recently Issued Accounting Pronouncements (continued)**

Statement No. 87, *Leases*. Statement No. 87 establishes a single approach to accounting for and reporting leases by state and local governments. GASB based the new standard on the principle that leases are financing of the right to use an underlying asset. Statement No. 87 is effective for reporting periods beginning after June 15, 2021. Management has not yet determined the potential impact on the Authority's financial statements.

**Subsequent Events**

The Authority has evaluated subsequent events occurring after December 31, 2021 through January 24, 2023, which is the date the financial statements were available to be issued.

**NOTE 2: REQUIRED ACCOUNTS AND DEBT SERVICE COVERAGE**

The Authority is subject to the provisions and restrictions of the Bond Resolution adopted July 22, 1993 and supplemental resolutions thereto. A summary of the activities of each fund (account) created by the Bond Resolution is covered below.

Debt Service Fund – The balance on deposit must be sufficient to enable the Trustee to withdraw amounts equal to interest due on bonds, principal amounts of bonds maturing and sinking fund installments when such payments are required.

Bond Reserve Fund – The amount of funds on deposit must be maintained at a level equal to the maximum Debt Service to insure funds are available for payment of debt service.

Renewal and Replacement Fund (Capital) – These funds are maintained for reasonable and necessary expenses with respect to the system for major repairs, renewals, replacements or maintenance items of a type not recurring annually.

General Fund – All excess funds of the Authority are recorded in the General Account. If the Authority is not in default in the payment of the principal of, or interest on, or redemption price of bonds and all fund requirements are satisfied, funds in excess of the amounts reasonably required to be reserved for payment of bonds or necessary reconstruction of the system may be withdrawn by the Authority for any lawful purpose.

The Bond Resolution adopted July 22, 1993 and supplemental resolutions thereto require the establishment and funding of certain funds (accounts) as follows:

	<u>Amount Required</u>	<u>Balance at Year End</u>	<u>Excess or (Deficiency)</u>
Debt Resolution Reserves:			
Debt Service Fund	\$ 215,271	\$ 441,724	\$ 226,453
Bond Reserve Fund	\$ 413,555	\$ 413,555	\$ -
Capital Fund (R&R)	\$ 460,000	\$ 460,000	\$ -

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**

**NOTE 3: CASH AND CASH EQUIVALENTS**

The Authority is governed by the deposit and investment limitations of New Jersey state law. The deposits held at December 31, 2021 and 2020, and reported at fair value are as follows:

	<u>2021</u>	<u>2020</u>
<b>Deposits:</b>		
Demand Deposits	\$1,468,843	\$1,812,617
Total deposits	<u>\$1,468,843</u>	<u>\$1,812,617</u>
 <b>Reconciliation to Statements of Net Position:</b>		
Current unrestricted assets:		
Cash and cash equivalents	\$1,095,992	\$1,486,079
Current restricted assets:		
Cash and cash equivalents	<u>372,851</u>	<u>326,538</u>
Total deposits	<u>\$1,468,843</u>	<u>\$1,812,617</u>

**Custodial Credit Risk Related to Deposits**

Custodial credit risk is the risk that, in the event of a bank failure, the Authority's deposits might not be recovered. Although the Authority does not have a formal policy regarding custodial credit risk, *N.J.S.A. 17:9-41* et seq. requires that governmental units shall deposit public funds in public depositories protected from loss under the provisions of the GUDPA. Under the Act, the first \$250,000 of governmental deposits in each insured depository is protected by the Federal Deposit Insurance Corporation (FDIC). Public funds owned by the Authority in excess of FDIC insured amounts are protected by GUDPA. However, GUDPA does not protect intermingled trust funds such as salary withholdings or funds that may pass to the Authority relative to the happening of a future condition.

If the Authority had any such funds, they would be shown as Uninsured and Uncollateralized in the schedule below. As of December 31, 2021 and 2020, the Authority's bank balances were insured or exposed to credit risk as follows:

	<u>2021</u>	<u>2020</u>
Insured by FDIC	\$ 500,000	\$ 500,000
Uninsured and Collateralized with securities held by the pledging bank's trust department	511,486	392,838
Uninsured and Collateralized with securities held by the pledging banks' trust department but not in the Authority's name	<u>492,254</u>	<u>932,293</u>
Total	<u>\$1,503,740</u>	<u>\$1,825,131</u>

**NOTE 4: INVESTMENTS**

New Jersey authorities are limited as to the types of investments and types of financial institutions they may invest in. *N.J.S.A. 40A:5-15.1* provides a list of permissible investments that may be purchased by the State of New Jersey authorities. These permissible investments generally include bonds or other obligations of the United States of America or obligations guaranteed by the United States of America, government money market mutual funds, any obligation that a federal agency or a federal instrumentality has issued in accordance with an act of Congress, bonds or other obligations of the local unit or other obligations of the local unit or units within which the Authority is located, bonds or other obligations approved by the Division of Investment in the Department of Treasury for investment by authorities, local government investment

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**

**NOTE 4: INVESTMENTS (continued)**

pools, deposits with the State of New Jersey Cash Management Fund, and agreements for the purchase of fully collateralized securities with certain provisions. The Authority has no investment policy that would further limit its investment choices.

**Custodial Credit Risk**

For an investment, custodial credit risk is the risk that, in the event of the failure of the counterparty, the Authority will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party. The Authority has several certificates of deposits (CD's) that have FDIC insurance. The Authority has FDIC insured investments of \$250,000 and \$250,000 as of December 31, 2021 and 2020, respectively. Additionally, the Authority has several certificates of deposits (CD's) that are covered under GUDPA insurance. The Authority has GUDPA insured investments of \$3,958,555 and \$3,653,800 as of December 31, 2021 and 2020, respectively. All investments are held in the name of the Authority. As of December 31, 2021 and 2020, the Authority had the following investments and maturities:

<u>Investment</u>	<u>Credit Rating</u>	<u>Maturities</u>	<u>Fair Value Hierarchy Level</u>	<u>Fair Value December 31, 2021</u>	<u>Fair Value December 31, 2020</u>
Berkshire Bank CD	NR	Varies	Level I	\$ -	\$ 250,000
TD Bank CD	NR	Varies	Level I	<u>250,000</u>	<u>-</u>
		FDIC Insured Investments		<u>250,000</u>	<u>750,000</u>

<u>Investment</u>	<u>Credit Rating</u>	<u>Maturities</u>	<u>Fair Value Hierarchy Level</u>	<u>Fair Value December 31, 2021</u>	<u>Fair Value December 31, 2020</u>
Berkshire Bank CD	NR	Varies	Level I	-	3,653,800
TD Bank CD	NR	Varies	Level I	<u>3,958,555</u>	<u>-</u>
		GUDPA Insured Investments		<u>3,958,555</u>	<u>3,283,800</u>
			Total	<u>\$ 4,208,555</u>	<u>\$ 4,033,800</u>

**Interest Rate Risk**

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. Other than the rules and regulations promulgated by *N.J.S.A. 40A:5-15.1*, the Authority does not have a formal investment policy that limits investment maturities as a means of managing its exposure; however, investments are matched with anticipated cash flows to minimize interest rate risk.

**Concentration of Credit Risk**

Concentration of credit risk is the risk of loss attributed to the magnitude of a government's investment in a single issuer. Other than the rules and regulations promulgated by *N.J.S.A. 40A:5-15.1*, the Authority's investment policies place no limit on the amount the Authority may invest in any one issuer.

**Credit Risk**

Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. As stated in note 1, investments are purchased in accordance with *N.J.S.A. 40A:5-15.1*. Other than the rules and regulations promulgated by *N.J.S.A. 40A:5-15.1*, the Authority has no investment policy that would further limit its exposure to credit risk.



**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**

**NOTE 5: ACCOUNTS RECEIVABLE**

Accounts receivable at December 31, 2021 and 2020 consisted of the following:

	<u>2021</u>	<u>2020</u>
Accounts receivable – billed	\$ 569,611	\$ 460,463
Accounts receivable – connection fees	2,030	10,225
Accounts receivable – interest	1,635	4,400
Accounts receivable – NJEIT interest credits*	6,750	11,650
Accounts receivable – NJEIT principal credits*	10,000	20,000
Accounts receivable – other	<u>29,277</u>	<u>58,697</u>
	<u>\$ 619,303</u>	<u>\$ 565,435</u>

The Authority believes that all receivables are collectible and has not established an allowance for doubtful accounts.

\*During the year ended December 31, 2014, New Jersey Environmental Infrastructure Trust (NJEIT) granted loans to the Authority in excess of the project costs. The \$10,000 of the excess funding will be de-obligated in the coming years by reducing the principal payments and \$6,750 will be de-obligated by reducing the loan interest payments in future years as follows:

Fiscal Year(s) Ending December 31,	Principal <u>Credits</u>	Interest <u>Credits</u>
2022	10,000	4,400
2023	<u>-</u>	<u>2,350</u>
Total	<u>\$ 10,000</u>	<u>\$ 6,750</u>

**NOTE 6: CAPITAL ASSETS, NET**

The activity in capital assets for the year ended December 31, 2021 is as followed:

	Balance December 31, <u>2020</u>	<u>Additions</u>	Retirements <u>and</u> <u>Transfers</u>	Balance December 31, <u>2021</u>
Capital assets:				
Capital assets not being depreciated:				
Land	\$ 195,351	\$ -	\$ -	\$ 195,351
Construction in progress	<u>2,462,037</u>	<u>312,256</u>	<u>(2,275,679)</u>	<u>498,614</u>
Total capital assets not being depreciated	<u>2,657,388</u>	<u>312,256</u>	<u>(2,275,679)</u>	<u>693,965</u>
Capital assets being depreciated:				
Improvements other than building	25,677,514	2,278,214	-	27,955,727
Machinery and equipment	183,956	-	-	183,956
Furniture and fixtures	52,876	-	-	52,876
Water plant	4,653,053	-	-	4,653,053
Vehicles	<u>277,102</u>	<u>54,478</u>	<u>-</u>	<u>331,850</u>
Total capital assets being depreciated	<u>30,844,501</u>	<u>2,332,962</u>	<u>-</u>	<u>33,177,462</u>

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**

**NOTE 6: CAPITAL ASSETS, NET (continued)**

	<b>Balance December 31, 2020</b>	<b>Additions</b>	<b>Retirements and Transfers</b>	<b>Balance December 31, 2021</b>
Total capital assets	33,501,889	2,645,218	-	33,871,427
Less: accumulated depreciation:	<u>(14,053,993)</u>	<u>(844,744)</u>	-	<u>(14,898,737)</u>
Total capital assets being depreciated, net of accumulated depreciation	16,790,508	1,488,215	-	18,278,723
Total capital assets, net	<u>\$ 19,447,896</u>	<u>\$ 1,800,473</u>	<u>\$ (2,275,679)</u>	<u>\$ 18,972,690</u>

The activity in capital assets for the year ended December 31, 2020 is as followed:

	<b>Balance December 31, 2019</b>	<b>Additions</b>	<b>Retirements and Transfers</b>	<b>Balance December 31, 2020</b>
Capital assets:				
Capital assets not being depreciated:				
Land	\$ 195,351	\$ -	\$ -	\$ 195,351
Construction in progress	<u>2,197,106</u>	<u>264,931</u>	-	<u>2,462,037</u>
Total capital assets not being depreciated	<u>2,392,457</u>	<u>264,931</u>	-	<u>2,657,388</u>
Capital assets being depreciated:				
Improvements other than building	25,675,354	2,160	-	25,677,514
Machinery and equipment	182,516	6,750	(5,310)	183,956
Furniture and fixtures	61,302	-	(8,426)	52,876
Water plant	4,653,053	-	-	4,653,053
Vehicles	<u>318,704</u>	<u>-</u>	<u>(41,602)</u>	<u>277,102</u>
Total capital assets being depreciated	<u>30,890,929</u>	<u>8,910</u>	<u>(55,338)</u>	<u>30,844,501</u>
Total capital assets	<u>33,283,386</u>	<u>273,841</u>	<u>(55,338)</u>	<u>33,501,889</u>
Less: accumulated depreciation:	<u>(13,294,420)</u>	<u>(814,911)</u>	<u>55,338</u>	<u>(14,053,993)</u>
Total capital assets being depreciated, net of accumulated depreciation	17,596,509	(806,001)	-	16,790,508
Total capital assets, net	<u>\$ 19,988,966</u>	<u>\$ (541,070)</u>	<u>\$ -</u>	<u>\$ 19,447,896</u>

**NOTE 7: LONG-TERM LIABILITIES**

During the years ended December 31, 2021 and 2020, the following changes occurred in long-term obligations:

	<b>Balance December 31, 2020</b>	<b>Accrued/ Increases</b>	<b>Retired/ Decreases</b>	<b>Balance December 31, 2021</b>	<b>Due within One Year</b>
Revenue bonds payable:					
Revenue bonds payable	\$ 5,641,553	\$ -	\$ 227,154	\$ 5,414,399	\$ 233,362
Unamortized bond premium	<u>146,916</u>	<u>-</u>	<u>5,248</u>	<u>141,668</u>	<u>5,248</u>
Revenue bonds payable, net	<u>5,788,469</u>	<u>-</u>	<u>232,402</u>	<u>5,556,067</u>	<u>238,610</u>

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**

**NOTE 7: LONG-TERM LIABILITIES (continued)**

	<b>Balance</b>			<b>Balance</b>	
	<b>December 31,</b>	<b>Accrued/</b>	<b>Retired/</b>	<b>December 31,</b>	<b>Due within</b>
	<b>2020</b>	<b>Increases</b>	<b>Decreases</b>	<b>2021</b>	<b>One Year</b>
Loans payable:					
Loans payable	3,372,906	1,536,343	323,202	4,586,047	367,688
Unamortized loans payable	<u>6,372</u>	<u>117,505</u>	<u>3,872</u>	<u>120,005</u>	<u>5,447</u>
Loans payable, net	<u>3,379,278</u>	<u>1,653,848</u>	<u>327,074</u>	<u>4,706,052</u>	<u>373,135</u>
Compensated absences	77,711	15,693	-	93,404	-
Net other postemployment benefits liability	1,377,941	156,900	-	1,534,841	-
Net pension liability	940,103	-	170,208	769,895	-
Construction loans	<u>1,550,997</u>	<u>75,867</u>	<u>1,626,864</u>	<u>-</u>	<u>-</u>
Total	<u>\$ 13,114,499</u>	<u>\$ 1,902,308</u>	<u>\$ 2,356,548</u>	<u>\$ 12,660,259</u>	<u>\$ 611,745</u>

	<b>Balance</b>			<b>Balance</b>	
	<b>December 31,</b>	<b>Accrued/</b>	<b>Retired/</b>	<b>December 31,</b>	<b>Due within</b>
	<b>2019</b>	<b>Increases</b>	<b>Decreases</b>	<b>2020</b>	<b>One Year</b>
Revenue bonds payable:					
Revenue bonds payable	\$ 5,867,520	\$ -	\$ 225,967	\$ 5,641,553	\$ 227,145
Unamortized bond premium	<u>152,164</u>	<u>-</u>	<u>5,248</u>	<u>146,916</u>	<u>5,248</u>
Revenue bonds payable, net	<u>6,019,700</u>	<u>-</u>	<u>231,215</u>	<u>5,788,469</u>	<u>232,393</u>
Loans payable:					
Loans payable	3,688,840	-	315,934	3,372,906	321,375
Unamortized loans payable	<u>8,218</u>	<u>-</u>	<u>1,846</u>	<u>6,372</u>	<u>1,639</u>
Loans payable, net	<u>3,697,058</u>	<u>-</u>	<u>317,780</u>	<u>3,379,278</u>	<u>323,014</u>
Compensated absences	74,331	3,380	-	77,711	-
Net other postemployment pension liability	969,086	408,855	-	1,377,941	-
Net pension liability	1,141,269	-	201,166	940,103	-
Construction loans	<u>1,480,963</u>	<u>70,034</u>	<u>-</u>	<u>1,550,997</u>	<u>1,550,997</u>
Total	<u>\$ 13,382,407</u>	<u>\$ 482,269</u>	<u>\$ 750,177</u>	<u>\$ 13,114,499</u>	<u>\$ 2,106,404</u>

**Net Other Postemployment Benefits Liability and Net Pension Liability**

For details on the net other postemployment benefits liability and net pension liability see the Other Postemployment Benefits and Pension Obligations in Note 8 and Note 9, respectively. The Authority's annual required contribution to the Other Postemployment Benefits and Public Employees' Retirement System is budgeted and paid on an annual basis.

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**

**NOTE 7: LONG-TERM LIABILITIES (continued)**

**Compensated Absences**

For the years ended December 31, 2021 and 2020, the Authority accrued compensated absences in the amount of \$93,404 and \$77,711, respectively.

**Construction Loans Payable**

In order to finance the Well No. 4 Phase II construction, the Authority drew down on a construction loan granted by NJEIT in 2017 to be utilized as work progresses through the completion of such construction. As of December 31, 2021 and 2020, the amount of construction loans outstanding was \$-0- and \$1,550,997, respectively. As of December 31, 2021, the construction loan was drawn to a close and was converted into a loan payable through NJIB and reflected as long-term debt. As of December 31, 2020, the entire construction loan payable was reflected as a current liability.

**Loans Payable**

	<u>2021</u>	<u>2020</u>
The 2007A NJEIT Trust fund loans are due in semi-annual principal installments of \$40,953 to \$105,347 through August 1, 2026, at zero percent interest.	\$ 455,977	\$ 561,323
The 2015A-R1 refunding loan is due in annual principal installments of \$86,000 to \$138,000 through August 1, 2027 at interest rates ranging from 2.28% to	736,000	841,000
The 2014A NJEIT Trust loans are due in annual principal installments of \$5,000 to \$15,000 through August 1, 2033, at interest rates ranging from 3.0% to 5.0%.	125,000	135,000
The 2014A NANO NJEIT Trust loans are due in annual principal installments of \$11,409 to \$16,414 through August 1, 2033, at interest rates ranging from 0.2% to 3.35%.	168,636	180,636
The 2014A NANO NJEIT Trust fund loans are due in semi-annual principal installments of \$4,237 to \$8,475 through August 1, 2033, at zero percent interest.	152,543	165,254
The 2014A NJEIT Trust fund loans are due in semi-annual principal installments of \$9,107 to \$18,215 through August 1, 2033, at zero percent interest.	54,712	82,034

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**

**NOTE 7: LONG-TERM LIABILITIES (continued)**

**Loans Payable (continued)**

<p>The 2017A NANO NJEIT Trust loans are due in annual principal installments of \$5,000 to \$15,000 through September 1, 2046, at interest rates ranging from 3.0% to 5.0%.</p>	230,000	235,000
<p>The 2017A NANO NJEIT Trust fund loans are due in semi-annual principal installments of \$2,809 to \$5,618 through August 1, 2046, at zero percent interest.</p>	210,674	219,101
<p>The 2017A NJEIT Trust loans are due in annual principal installments of \$5,000 to \$10,000 through September 1, 2046, at interest rates ranging from 3.0% to 5.0%.</p>	185,000	190,000
<p>The 2017A NJEIT Trust fund loans are due in semi-annual principal installments of \$6,756 to \$13,512 through August 1, 2046, at zero percent interest.</p>	506,704	526,972
<p>The 2018A NANO NJEIT Trust fund loans are due in semi-annual principal installments of \$1,766 to \$3,533 through August 1, 2042, at zero percent interest</p>	111,286	116,586
<p>The 2018A NANO NJEIT Trust loans are due in semi-annual principal installments of \$5,000 to \$10,000 through August 1, 2042, at interest rates ranging from 3.0% to 5.0%.</p>	115,000	120,000
<p>The 2021A NJEIT Trust loans are due in semi-annual principal installments of \$900 to \$1,800 through August 1, 2049, at zero percent interest.</p>	79,515	-
<p>The 2021A NJEIT Trust loans are due in semi-annual principal installments of \$5,000 to \$10,000 through August 1, 2042, at interest rates ranging from 3.0% to 5.0%.</p>	<u>1,455,000</u>	<u>-</u>
<p>Subtotal</p>	4,586,047	3,372,906
<p>Less: current portion including current portion of unamortized bond premium</p>	(373,136)	(323,014)
<p>Add: total unamortized bond premium</p>	<u>120,005</u>	<u>6,372</u>
<p>Loans payable – long-term portion</p>	<u>\$ 4,332,916</u>	<u>\$ 3,056,264</u>

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**

**NOTE 7: LONG-TERM LIABILITIES (continued)**

**NJEIT Trust Series 2007A, 2014A, 2015A-R1, 2017A, 2018A, and 2021A Loans Payable**

On November 8, 2007, the Authority borrowed \$3,910,813 through the New Jersey Environmental Infrastructure Trust. The “Fund” (Federal Funds) portion of the 2007A Issue, \$1,865,813, was issued with no interest rate. The loans mature semi-annually from August 1, 2008 through August 1, 2026 at maturities ranging from \$40,953 to \$105,347.

The “Trust” (State Funds) portion of the 2007A Issue, \$2,045,000, mature annually from August 1, 2008 through 2027 at annual maturities ranging from \$76,323 to \$155,000 and bear interest at rates ranging from 4.00% to 5.00%. The trust portion of the 2007 issue was refunded during the year ended December 31, 2015 to the 2015A-R1 refunding loan.

On May 22, 2014, the Authority borrowed \$1,680,007 through the New Jersey Environmental Infrastructure Trust. The “Fund” (Federal Funds) portion of the 2014A Issue, \$510,007, was issued with no interest rate. The “Fund” (Federal Funds) portion of the 2014A NANO Issue, \$250,000, was issued with no interest rate. The principal forgiveness portion of the 2014A NANO Issue, \$500,000 was issued with no interest rate. The entire \$500,000 was recognized as NJEIT debt forgiveness revenue as of December 31, 2014 since revenue is realized in the year allowable costs have been approved. The remaining loans mature semi-annually from August 1, 2014 through August 1, 2033 at maturities ranging from \$4,237 to \$18,215.

The “Trust” (State Funds) portion of the 2014A Issue, \$170,000, mature annually from August 1, 2014 through 2033 at annual maturities ranging from \$5,000 to \$15,000 and bear interest at rates ranging from 3.00% to 5.00%. The “Trust” (State Funds) portion of the 2014A NANO Issue, \$250,000, mature annually from August 1, 2014 through 2033 at annual maturities ranging from \$11,409 to \$16,407 and bear interest at rates ranging from 0.2% to 3.35%.

In 2015, the 2007A “Trust” loans were refunded to the 2015A-R1 Issue, \$1,306,000, mature annually from August 1, 2016 through 2027 at annual maturities ranging from \$86,000 to \$138,000 and bear interest rates ranging from 2.28% to 3.32%.

On November 10, 2015, the Authority issued Series 2015A-R1 NJEIT Refunding Bonds in the amount of \$1,306,000. The proceeds of this issuance were utilized to refund the 2007 NJEIT trust loan outstanding. The Refunding Bonds issued resulted in a net gain on refunding of \$160,000 in the current year and the refunding is expected to produce a net savings of approximately \$197,046 over the life of the new bond series. The \$160,000 gain on refunding is recognized as a deferred inflow of resources and will be amortized over the life of the loan.

On May 25, 2017, the Authority borrowed \$1,806,289 through the New Jersey Environmental Infrastructure Trust. The “Fund” portion of the 2017A Issue, \$601,289, was issued with no interest rate. The “Fund” portion of the 2017A NANO Issue, \$250,000, was issued with no interest rate. The principal forgiveness portion of the 2017A NANO Issue, \$500,000 was issued with no interest rate.

The entire \$500,000 was recognized as NJEIT debt forgiveness revenue as of December 31, 2017 since revenue is realized in the year allowable costs have been approved. The remaining “Trust” portions of the 2017A and 2017A Nano Issue, \$455,000 mature semi-annually from September 1, 2018 through September 1, 2046 at maturities ranging from \$5,000 to \$15,000.

On May 22, 2018, the Authority borrowed \$522,151 through the New Jersey Environmental Infrastructure Trust. The “Fund” Portion of the 2018A Issue, \$392,151, was issued with no interest rate. The principal forgiveness portion of the 2018A “Fund,” \$261,434 was recognized issued with no interest rate.

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**

**NOTE 7: LONG-TERM LIABILITIES (continued)**

**NJEIT Series 2007A, 2014A, 2015A-R1, 2017A, 2018A, and 2021A Loans Payable (continued)**

The entire \$261,464 was recognized as NJEIT debt forgiveness revenue as of December 31, 2018 since revenue is realized in the year allowable costs have been approved. The remaining “Trust” Portion of the 2018A Issue, \$130,000 mature annually from August 1, 2018 through August 1, 2042, at maturities ranging from \$5,000 to \$15,000.

On June 10, 2021, the Authority issued Revenue Bonds, Series 2021 A-1 trust loan and fund loan to the New Jersey Infrastructure Bank, in the amount of \$1,455,000 and \$81,343, respectively. The amounts deposited with the trustee include \$117,505 of a bond premium. Interest rates range from 5.00% to 2.00% for the trust loan bonds and 0% for the fund loan bonds. The trust loan and fund loan bonds mature on August 1, 2050 at maturities ranging from \$2,739 to \$60,000. The bonds were issued for the construction of Well No. 4, Phase II.

Schedule of annual debt service for principal and interest for loans payable, over the next five years and five year increments thereafter are as follows:

<b>Fiscal Year(s) Ending December 31,</b>	<b><u>Principal</u></b>	<b><u>Interest</u></b>	<b><u>Total</u></b>
2022	\$ 367,688	\$ 108,736	\$ 476,425
2023	371,127	99,790	470,917
2024	349,804	90,622	440,426
2025	354,335	81,128	435,463
2026	301,743	71,560	373,303
2027-2031	822,818	246,425	1,069,243
2032-2036	621,394	164,818	786,212
2037-2041	583,685	108,809	691,774
2042-2046	562,488	56,450	618,938
2047-2050	250,965	13,500	264,465
Total	<u>\$ 4,586,047</u>	<u>\$ 1,041,118</u>	<u>\$ 5,627,165</u>

**Revenue Bonds Payable**

Revenue bonds payable at December 31, 2021 and 2020 consist of the following:

	<b><u>2021</u></b>	<b><u>2020</u></b>
\$1,650,000 Water Revenue Bonds (Series 2003) are due in semi-annual installments of \$38,031 including interest through May 1, 2043, at an interest rate of 3.25%	\$ 1,169,399	\$ 1,206,553
\$6,020,000 Water Revenue Refunding Bonds (Series 2012) are due in semi-annual installments of \$38,031 including interest through November 1, 2048, at interest rates of 2.0% to 4.0%.	<u>4,245,000</u>	<u>4,435,000</u>
Subtotal	5,414,399	5,641,553
Less: current portion including current portion of unamortized bond premium	(238,610)	(232,393)
Add: total unamortized bond premium	<u>141,668</u>	<u>146,916</u>
Loans payable – long-term portion	<u>\$ 5,317,457</u>	<u>\$ 5,556,076</u>

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**

**NOTE 7: LONG-TERM LIABILITIES (continued)**

Revenue bonds outstanding as of December 31, 2021 are shown as followed:

<b>Fiscal Year(s) Ending December 31,</b>	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
2022	\$ 233,362	\$ 177,844	\$ 411,206
2023	239,619	170,737	410,356
2024	245,917	163,439	409,356
2025	257,258	155,948	413,206
2026	263,642	148,114	411,756
2027-2031	1,440,620	612,810	2,053,430
2032-2036	1,477,709	338,221	1,815,930
2037-2041	877,158	136,138	1,013,296
2042-2046	289,114	38,283	327,397
2047-2048	90,000	4,556	94,556
Total	<u>\$ 5,414,399</u>	<u>\$ 1,946,090</u>	<u>\$ 7,360,489</u>

On December 11, 2012, the Authority refunded debt with an issuance of \$6,020,000. Series 1995A, Series 1995B, Series 1999, Series 2000, Series 2009A and Series 2009B were refunded. Series 1993 was advanced refunded as well with redemption in January of 2013. The refunding will produce a net savings of approximately \$1,548,000 for the Authority over the life of the new bond series.

**NOTE 8: OTHER POSTEMPLOYMENT BENEFITS**

**General Information about the OPEB Plan**

The State Health Benefit Local Government Retired Employees Plan (the Plan) is a cost-sharing multiple-employer defined benefit other postemployment benefit (OPEB) plan with a special funding situation. It covers employees of local government employers that have adopted a resolution to participate in the Plan. For additional information about the Plan, please refer to the State of New Jersey (the State), Division of Pensions and Benefits' (the Division) annual financial statements, which can be found at <https://www.state.nj.us/treasury/pensions/financial-reports.shtml>.

The Plan provides medical and prescription drug to retirees and their covered dependents of the participating employers. Under the provisions of Chapter 88, P.L 1974 and Chapter 48, P.L. 1999, local government employers electing to provide postretirement medical coverage to their employees must file a resolution with the Division. Under Chapter 88, local employers elect to provide benefit coverage based on the eligibility rules and regulations promulgated by the State Health Benefits Commission. Chapter 48 allows local employers to establish their own age and service eligibility for employer paid health benefits coverage for retired employees. Under Chapter 48, the employer may assume the cost of postretirement medical coverage for employees and their dependents who: 1) retired on a disability pension; or 2) retired with 25 or more years of service credit in a State or locally administered retirement system and a period of service of up to 25 years with the employer at the time of retirement as established by the employer; or 3) retired and reached the age of 65 with 25 or more years of service credit in a State or locally administered retirement system and a period of service of up to 25 years with the employer at the time of retirement as established by the employer; or 4) retired and reached age 62 with at least 15 years of service with the employer. Further, the law provides that the employer paid obligations for retiree coverage may be determined by means of a collective negotiations agreement.



**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**

**NOTE 8: OTHER POSTEMPLOYMENT BENEFITS (continued)**

**General Information about the OPEB Plan (continued)**

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

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

**Basis of Presentation**

The schedule of employer and nonemployer allocations and the schedule of OPEB amounts by employer and nonemployer (collectively, the Schedules) present amounts that are considered elements of the financial statements of its participating employers or the State as a nonemployer contributing entity. Accordingly, they do not purport to be a complete presentation of the financial position or changes in financial position of the participating employers or the State. The accompanying Schedules were prepared in accordance with U.S. generally accepted accounting principles. Such preparation requires management of the Plan to make a number of estimates and assumptions relating to the reported amounts. Due to the inherent nature of these estimates, actual results could differ from those estimates.

**Allocation Methodology**

GASB Statement No. 75 requires participating employers in the Plan to recognize their proportionate share of the collective net OPEB liability, collective deferred outflows of resources, collective deferred inflows of resources, and collective OPEB expense (benefit). The special funding situation's and nonspecial funding situation's net OPEB liability, deferred outflows of resources, deferred inflows of resources, and OPEB (benefit) expense are based on separately calculated total OPEB liabilities. For the special funding situation and the nonspecial funding situation, the total OPEB liabilities for the year ended June 30, 2021 were \$3,872,142,278 and \$14,177,910,609, respectively. The nonspecial funding situation's net OPEB liability, deferred outflows of resources, deferred inflows of resources, and OPEB (benefit) expense are further allocated to employers based on the ratio of the plan members of an individual employer to the total members of the Plan's nonspecial funding situation during the measurement period July 1, 2020 through June 30, 2021. Employer and nonemployer allocation percentages have been rounded for presentation purposes; therefore, amounts presented in the schedule of OPEB amounts by employer and nonemployer may result in immaterial differences.

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**

**NOTE 8: OTHER POSTEMPLOYMENT BENEFITS (continued)**

**Net OPEB Liability**

The components of the collective net OPEB liability of the plan as of June 30, 2021 is as follows:

Total OPEB Liability	\$ 18,050,052,887
Plan's fiduciary net position	<u>50,271,652</u>
Net OPEB Liability	<u>\$ 17,999,781,235</u>

The total OPEB liability as of June 30, 2021 was determined by an actuarial valuation as of June 30, 2020, which was rolled forward to June 30, 2021. The actuarial assumptions vary for each plan member depending on the pension plan the member is enrolled in. This actuarial valuation used the following actuarial assumptions, applied to all periods in the measurement:

Inflation:	2.50%
Salary Increases*:	
Public Employees' Retirement System (PERS):	
Rate through 2026	2.00% to 6.00%
Rate thereafter	3.00% to 7.00%
Police and Firemen's' Retirement System (PFRS):	
Rate for all future periods	3.25% to 15.25%
Mortality Rate Table:	
PERS:	Pub-2010 General classification headcount weighted mortality with fully generational mortality improvement projections from the central year using Scale MP-2021
PFRS:	Pub-2010 Safety classification headcount weighted mortality with fully generational mortality improvement projections from the central year using Scale MP-2021

\* Salary increases are based on years of service within the respective plan

Actuarial assumptions used in the July 1, 2020 valuation were based on the results of the PFRS and PERS experience studies prepared for July 1, 2013 to June 30, 2018 and July 1, 2014 to June 30, 2018, respectively.

100% of active members are considered to participate in the Plan upon retirement.

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**

**NOTE 8: OTHER POSTEMPLOYMENT BENEFITS (continued)**

**OPEB Obligation and OPEB (Benefit) Expense**

The Authority's proportionate share of the total Other Post-Employment Benefits Obligations was \$1,534,841. The OPEB Obligation was measured as of June 30, 2021, and the total OPEB Obligation used to calculate the OPEB Obligation was determined by an actuarial valuation as of July 1, 2020, which was rolled forward to June 30, 2021. The State's proportionate share of the OPEB Obligation associated with the Authority was based on projection of the State's long-term contributions to the OPEB plan associated with the Authority relative to the projected contributions by the State associated with all participating entities, actuarially determined. At June 30, 2021, the State proportionate share of the OPEB Obligation attributable to the Authority was 0.008527%, which was an increase of 0.000849% from its proportion measured as of June 30, 2020. For the fiscal year ended June 30, 2021, the State of New Jersey recognized an OPEB (benefit) expense in the amount of \$20,561 for the State's proportionate share of the OPEB (benefit) expense attributable to the Authority. This OPEB (benefit) expense was based on the OPEB plans June 30, 2021 measurement date.

**Health Care Trend Assumptions**

For pre-Medicare medical benefits, the trend rate is initially 5.6% and decreases to a 4.5% long-term trend rate after seven years. For post-65 medical benefits, the actual fully-insured Medicare Advantage trend rates for fiscal year 2021 through 2022 are reflected. The rates used for 2023 and 2024 are 21.83% and 18.53%, respectively, trending to 4.5% for all future years. For prescription drug benefits, the initial trend rate is 7% decreasing to a 4.5% long-term trend rate after seven years.

**Discount Rate**

The discount rate for June 30, 2021 was 2.16%. This represents the municipal bond return rate as chosen by the State. The source is the Bond Buyer Go 20-Bond Municipal Bond Index, which includes tax exempt general obligation municipal bonds with an average rating of AA/Aa or higher. As the long-term rate of return is less than the municipal bond rate, it is not considered in the calculation of the discount rate, rather the discount rate is set at the municipal bond rate.

**Sensitivity of Net OPEB Liability to Changes in the Discount Rate**

The following presents the collective net OPEB liability of the participating employers as of June 30, 2021, calculated using the discount rate as disclosed above as well as what the collective net OPEB liability would be if it was calculated using a discount rate that is 1-percentage point lower or 1-percentage-point higher than the current rate:

	<b>At 1 % Decrease</b> <b><u>(1.16%)</u></b>	<b>At Discount</b> <b><u>Rate (2.16%)</u></b>	<b>At 1% Increase</b> <b><u>(3.16%)</u></b>
State of New Jersey's proportionate share of total OPEB obligation associated with the Authority	\$ 1,806,214	\$ 1,534,841	\$ 1,319,773
State of New Jersey's total nonemployer OPEB Liability	\$ 21,182,289,882	\$ 17,999,781,235	\$ 15,477,574,697

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**

**NOTE 8: OTHER POSTEMPLOYMENT BENEFITS (continued)**

**Sensitivity of Net OPEB Liability to Changes in the Healthcare Trend Rate**

The following presents the net OPEB liability as of June 30, 2021, calculated using the healthcare trend rate as disclosed above as well as what the net OPEB liability would be if it was calculated using a healthcare trend rate that is 1-percentage point lower or 1-percentage point higher than the current rate:

	<u>1 % Decrease</u>	<u>Healthcare Cost Trend Rate</u>	<u>1% Increase</u>
State of New Jersey's proportionate share of total OPEB obligation associated with the Authority	\$ 1,280,575	\$ 1,534,841	\$ 1,866,628
State of New Jersey's total nonemployer OPEB Liability	\$ 15,017,879,689	\$ 17,999,781,235	\$ 21,890,793,528

**Additional Information**

The following is a summary of the deferred outflows of resources, deferred inflows of resources, and net OPEB liability balances as of June 30, 2021:

**Balances at December 31, 2021 and December 31, 2020**

	<u>12/31/2021</u>	<u>12/31/2020</u>
	June 30, 2021	June 30, 2020
Actuarial valuation date (including roll forward)		
Deferred Outflows of Resources	\$ 1,708,107	\$ 1,752,002
Deferred Inflows of Resources	1,763,745	1,974,923
Net OPEB Liability	1,534,841	1,377,941
Authority's portion of the plan's total OPEB Liability	0.00853%	0.00768%

**OPEB Deferred Outflows/Inflows of Resources**

At December 31, 2021, the Authority's proportionate share of the OPEB outflows and inflows, calculated by the plan as of the June 30, 2021 measurement date is \$1,708,107 and \$1,763,745, respectively. At December 31, 2021, the Authority reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

	<u>Deferred Outflows of Resources</u>	<u>Deferred Inflows of Resources</u>
Differences between expected and actual experience	\$ 34,440	\$ 321,111
Changes of assumptions	220,792	271,301
Net difference between projected and actual earnings on OPEB plan investments	734	-
Changes in proportion and differences between the Authority's contributions and proportion share of contributions	1,452,141	1,171,333
	<u>\$ 1,708,107</u>	<u>\$ 1,763,745</u>

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**

**NOTE 8: OTHER POSTEMPLOYMENT BENEFITS (continued)**

**OPEB Deferred Outflows/Inflows of Resources (continued)**

The following is a summary of the deferred outflows of resources and deferred inflows of resources related to OPEB that will be recognized in future periods:

<b>Fiscal Year(s) Ending</b>	<b>Amount</b>
<b>December 31,</b>	
2022	\$ (44,962)
2023	(45,141)
2024	(45,232)
2025	(21,748)
2026	41,031
Thereafter	<u>60,414</u>
Total	<u>\$ (55,638)</u>

**Changes in Proportion**

The previous amounts do not include employer specific deferred outflows of resources and deferred inflow of resources related to the changes in proportion. These amounts should be recognized (amortized) by each employer over the average remaining service lives of all plan members, which is 7.82, 7.87, 8.05, 8.14 and 8.04 years for the 2021, 2020, 2019, 2018 and 2017 amounts, respectively.

**Plan Membership**

At June 30, 2020, the Program membership consisted of the following:

Active plan members	64,243
Retirees current receiving benefits	<u>32,624</u>
Total plan members	<u>96,867</u>

**Changes in the Total OPEB Liability**

The change in the State's Total OPEB liability for the fiscal year ended June 30, 2021 (measurement date June 30, 2020) is as follows:

Service costs	\$ 846,075,674
Interest on the total OPEB Liability	413,837,061
Change of benefit terms	2,029,119
Differences between expected and actual experience	(1,196,197,410)
Changes of assumptions	339,165,715
Contributions from the employer	(325,097,477)
Contributions from nonemployer contributing entities	(37,777,433)
Net investment income	(201,343)
Administrative expenses	<u>11,334,383</u>
Net change in total OPEB Liability	53,168,289
Total OPEB Liability (beginning)	<u>17,946,612,946</u>
Total OPEB Liability (ending)	<u>\$ 17,999,781,235</u>

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**

**NOTE 9: PENSION OBLIGATIONS**

**Public Employees' Retirement System (PERS)**

The State of New Jersey, Public Employees' Retirement System (PERS) is a cost-sharing multiple-employer defined benefit pension plan administered by the State of New Jersey, Division of Pensions and Benefits (the Division). For additional information about PERS, please refer to Division's Annual Comprehensive Financial Report (ACFR) which can be found at <http://www.state.nj.us/treasury/pensions/annual-reports.shtml>. The vesting and benefit provisions are set by *N.J.S.A. 43:15A*. PERS provides retirement, death and disability benefits. All benefits vest after ten years of service. The following represents the membership tiers for PERS:

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

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

**Basis of Presentation**

The schedules of employer and nonemployer allocations and the schedules of pension amounts by employer and nonemployer (collectively, the Schedules) present amounts that are considered elements of the financial statements of PERS or its participating employers. Accordingly, they do not purport to be a complete presentation of the financial position or changes in financial position of PERS or the participating employers. The accompanying Schedules were prepared in accordance with U.S. generally accepted accounting principles. Such preparation requires management of PERS to make a number of estimates and assumptions relating to the reported amounts. Due to the inherent nature of these estimates, actual results could differ from those estimates.

**Contributions**

The contribution policy for PERS is set by *N.J.S.A. 43:15A* and requires contributions by active members and contributing employers. State legislation has modified the amount that is contributed by the State. The State's pension contribution is based on an actuarially determined amount, which includes the employer portion of the normal cost and an amortization of the unfunded accrued liability. Funding for noncontributory group insurance benefits is based on actual claims paid. For the fiscal year 2021, the State's pension contribution was less than the actuarial determined amount.

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**

**NOTE 9: PENSION OBLIGATIONS (continued)**

**Contributions (continued)**

The local employers' contribution amounts are based on an actuarially determined rate, which includes the normal cost and unfunded accrued liability. Chapter 19, P.L. 2009 provided an option for local employers of PERS to contribute 50% of the normal and accrued liability contribution amounts certified for payments due in State fiscal year 2009. Such employers will be credited with the full payment and any such amounts will not be included in their unfunded liability. The actuaries will determine the unfunded liability of those retirement systems, by employer, for the reduced normal and accrued liability contributions provided under this law. This unfunded liability will be paid by the employer in level annual payments over a period of 15 years beginning with the payments due in the fiscal year ended June 30, 2012 and will be adjusted by the rate of return on the actuarial value of assets. For the year ended December 31, 2021, the Authority's contractually required contribution to PERS plan was \$76,110.

**Components of Net Pension Liability**

At December 31, 2021, the Authority's proportionate share of the PERS net pension liability was \$769,895. The net pension liability was measured as of June 30, 2021. The total pension liability used to calculate the net pension liability was determined using update procedures to roll forward the total pension liability from an actuarial valuation as of July 1, 2020, which was rolled forward to June 30, 2021. The Authority's proportion of the net pension liability was based on the Authority's actual contributions to the plan relative to the total of all participating employers' contributions for the year ended June 30, 2020. The Authority's proportion measured as of June 30, 2021, was 0.00650% which was an increase of 0.00073% from its proportion measured as of June 30, 2020.

**Balances at December 31, 2021 and December 31, 2020**

	<b><u>12/31/2021</u></b>	<b><u>12/31/2020</u></b>
	June 30, 2021	June 30, 2020
Actuarial valuation date (including roll forward)		
Deferred Outflows of Resources	\$ 205,372	\$ 175,039
Deferred Inflows of Resources	560,862	501,183
Net Pension Liability	769,895	940,103
Authority's portion of the plan's total Net Pension Liability	0.00650%	0.00576%

**Pension (Benefit) Expense and Deferred Outflows/Inflows of Resources**

At December 31, 2021, the Authority's proportionate share of the PERS expense (benefit), calculated by the plan as of the June 30, 2021 measurement date is \$(64,751) At December 31, 2021, the Authority reported deferred outflows of resources and deferred inflows of resources related to PERS from the following sources:

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**

**NOTE 9: PENSION OBLIGATIONS (continued)**

**Pension (Benefit) Expense and Deferred Outflows/Inflows of Resources (continued)**

	<u>Deferred Outflows of Resources</u>		<u>Deferred Inflows of Resources</u>
Differences between expected and actual experience	\$ 12,142	\$	5,512
Changes of Assumptions	4,010		274,088
Net difference between projected and actual earnings on pension plan investments	-		202,811
Changes in proportion and differences between the Authority's contributions and proportion share of contributions	<u>189,220</u>		<u>78,451</u>
	<u>\$ 205,372</u>	\$	<u>560,862</u>

The Authority will amortize the above sources of deferred outflows and inflows related to PERS over the following number of years:

	<u>Deferred Outflow of Resources</u>	<u>Deferred Inflow of Resources</u>
Differences between expected and actual experience		
Year of pension plan deferral:		
June 30, 2014	-	-
June 30, 2015	5.72	-
June 30, 2016	5.57	-
June 30, 2017	5.48	-
June 30, 2018	5.63	-
June 30, 2019	5.21	-
June 30, 2020	5.16	-
June 30, 2021	5.13	-
Changes in assumptions		
Year of pension plan deferral:		
June 30, 2014	6.44	-
June 30, 2015	5.72	-
June 30, 2016	5.57	-
June 30, 2017	-	5.48
June 30, 2018	-	5.63
June 30, 2019	-	5.21
June 30, 2020	-	5.16
June 30, 2021	-	5.13



**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**

**NOTE 9: PENSION OBLIGATIONS (continued)**

**Pension (Benefit) Expense and Deferred Outflows/Inflows of Resources (continued)**

Net difference between projected and actual earnings on pension plan investments

Year of pension plan deferral:

June 30, 2014	-	5.00
June 30, 2015	-	5.00
June 30, 2016	5.00	-
June 30, 2017	5.00	-
June 30, 2018	5.00	-
June 30, 2019	5.00	-
June 30, 2020	5.00	-
June 30, 2021	5.00	-

Changes in proportion and differences between The Authority's contributions and proportionate share of contributions

Year of Pension Plan Deferral:

June 30, 2014	6.44	6.44
June 30, 2015	5.72	5.72
June 30, 2016	5.57	5.57
June 30, 2017	5.48	5.48
June 30, 2018	5.63	5.63
June 30, 2019	5.21	5.21
June 30, 2020	5.16	5.16
June 30, 2021	5.13	5.13

The following is a summary of the deferred outflows of resources and deferred inflows of resources related to PERS that will be recognized in future periods:

<b>Fiscal Year(s) Ending</b>	<b>Amount</b>
<b>December 31,</b>	
2021	\$ (127,549)
2022	(88,489)
2023	(72,253)
2024	(61,711)
2025	<u>(5,488)</u>
Total	<u>\$ (355,490)</u>

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**

**NOTE 9: PENSION OBLIGATIONS (continued)**

**Actuarial Assumptions**

The total pension asset/(liability) as of the measurement date was determined by using an actuarial valuation as noted in the table below, with update procedures used to roll forward the total pension liability to the measurement date. The actuarial valuations used the following actuarial assumptions:

Inflation:		
Price		2.75%
Wage		3.25%
Salary Increases:		
Through 2026		2.00% - 6.00% Based on Age
Thereafter		3.00% - 7.00% Based on Age
Investment Rate of Return		7.00%
Mortality Rate Table	Pub-2010 General Below – Median Income Employee Mortality table fully generational mortality improvement projections from the central year using Scale MP-2021	
Period of Actuarial Experience Study upon which Actuarial Assumptions were Based		June 30, 2014 - June 30, 2018

Pre-retirement mortality rates were based on the Pub-2010 General Below-Median Income Employee Mortality Table with an 82.2% adjustment for males and 101.4% adjustment for females, and with future improvement from the base year of 2010 on a generational basis. Post-retirement mortality rates were based on the Pub-2010 General Below-Median Income Healthy Retiree mortality table with a 91.4% adjustment for males and 99.7% adjustment for females, and with future improvement from the base year of 2010 on a generational basis. Disability retirement rates used to value disabled retirees were based on the Pub-2010 Non-Safety Disabled Retiree mortality table with a 127.7% adjustment for males and 117.2% adjustment for females, and with future improvement from the base year of 2010 on a generational basis. Mortality improvement is based on Scale MP-2021. The actuarial assumptions used in the July 1, 2020 valuation were based on the results of an actuarial experience study for the period July 1, 2014 to June 30, 2018.

**Long-Term Expected Rate of Return**

In accordance with State statute, the long-term expected rate of return on plan investments (7.00% at June 30, 2021) is determined by the State Treasurer, after consultation with the Directors of the Division of Investments and Division of Pensions and Benefits, the board of trustees and the actuaries. The long-term expected rate of return was determined using a building block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. Best estimates of arithmetic rates of return for each major asset class included in PERS's target asset allocation as of June 30, 2021 are summarized in the following table:

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**

**NOTE 9: PENSION OBLIGATIONS (continued)**

**Long-Term Expected Rate of Return (continued)**

<u>Asset Class</u>	<u>Target Allocation</u>	<u>Long –Term Expected Real Rate of Return</u>
U.S. Equity	27.00%	8.09%
Non-U.S. Developed Markets Equity	13.50%	8.71%
Emerging Markets Equity	5.50%	10.96%
Private Credit	13.00%	11.30%
Real Estate	8.00%	9.15%
Real Assets	3.00%	7.40%
High Yield	2.00%	3.75%
Private Credit	8.00%	7.60%
Investment Grade Credit	8.00%	1.68%
Cash Equivalents	4.00%	0.50%
U.S. Treasuries	5.00%	0.95%
Risk Mitigation Strategies	3.00%	3.35%

**Discount Rate**

The discount rate used to measure the total pension liability was 7.00% as of June 30, 2020. The projection of cash flows used to determine the discount rate assumed that contributions from plan members will be made at the current member contribution rates and that contributions from employers and the nonemployer contributing entity will be based on 78% of the actuarially determined contributions for the State employer and 100% of actuarially determined contributions for the local employers. Based on those assumptions, the plan’s fiduciary net position was projected to be available to make projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on plan investments was applied to all projected benefit payments to determine the total pension liability.

**Sensitivity of the Authority’s proportionate share of the Net Pension Liability to Changes in the Discount Rate**

The following presents the Authority’s proportionate share of the net pension liability calculated using the discount rate as disclosed above, as well as what the Authority’s proportionate share of the net pension liability would be if it were calculated using a discount rate that is 1-percentage-point lower (6.00%) or 1-percentage-point higher (8.00%) than the current rate:

	<b>1 % Decrease</b> <b><u>(6.00%)</u></b>	<b>Current</b> <b>Discount Rate</b> <b><u>(7.00%)</u></b>	<b>1% Increase</b> <b><u>(8.00%)</u></b>
Authority’s proportionate share of the Net Pension Liability	\$ <u>1,059,618</u>	\$ <u>769,895</u>	\$ <u>539,197</u>

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Notes to Financial Statements (continued)**

**NOTE 10: RISK MANAGEMENT**

The Authority is exposed to various risk of loss related to torts, theft of, damage to and destruction of assets; errors and omissions; injuries to employees; and natural disaster. The Authority is a member of the New Jersey Utilities Authorities Joint Insurance Fund (JIF). The joint insurance pool is both an insured and self-administered group of 80 authorities established for the purpose of insuring against property damage, general liability, motor vehicles and equipment liability and workmen's compensation. The JIF will be self-sustaining through member premiums. The JIF participates in the Municipal Excess Liability Insurance program which has a contract for excess insurance. There were no settlements in excess of insurance coverage for 2014-2021.

**NOTE 11: DONATED PROPERTY**

In 2021, three property owners constructed and donated water mains to the Authority. The total value of the dedicated water mains is \$2,535. Ownership was assumed, recorded and acceptance of the maintenance bond was authorized at the completion of each project.

In 2020 the Authority did not assume, record or accept donation of any water mains.

All of these donated properties were treated as non-operating revenue in the statement of revenues, expenses and changes in net position and capitalized on the Authority's statement of net position for the years ended December 31, 2021 and 2020.

**NOTE 12: LEASES**

The Authority derives a substantial portion of its revenues from non-cancelable leases with wireless communication carriers from water tower lease agreements. Future minimum rentals to be received under these leases as of December 31, 2021 are as follows:

<b>Fiscal Year(s) Ending</b>	
<b>December 31,</b>	<b><u>Amount</u></b>
2022	\$ 262,479
2023	273,449
2024	198,768
2025	127,933
2026	102,163
Thereafter	<u>135,753</u>
Total	<u>\$ 1,100,545</u>

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
 (A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)  
 Schedule of the Authority's Proportionate Share of the Net Pension Liability  
 Public Employees' Retirement System  
 Last Nine Fiscal Years \*

	Measurement Date Ended June 30,								
	2021	2020	2019	2018	2017	2016	2015	2014	2013
Authority's proportion of the net pension liability	0.00650%	0.00576%	0.00633%	0.00585%	0.00569%	0.00550%	0.00555%	0.00545%	0.00528%
Authority's proportionate share of the net pension liability	\$ 769,895	\$ 940,103	\$ 1,141,269	\$ 1,151,943	\$ 1,325,527	\$ 1,629,302	\$ 1,245,391	\$ 1,020,389	\$ 1,009,145
Authority's covered-employee payroll	\$ 454,020	\$ 450,671	\$ 450,671	\$ 409,809	\$ 393,181	\$ 379,990	\$ 368,749	\$ 377,777	\$ 372,464
Authority's proportionate share of the net pension liability as a percentage of its covered-employee payroll	169.57%	208.60%	253.24%	281.09%	337.13%	428.77%	337.73%	270.10%	270.94%
Plan fiduciary net position as a percentage of the total pension liability	70.33%	58.32%	56.27%	53.60%	48.10%	40.14%	47.93%	52.08%	48.72%

\* This schedule is presented to illustrate the requirement to show information for 10 years. However, until a full 10-year trend is compiled, governments should present information for those years for which information is available.

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
 (A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)  
 Schedule of Authority Contributions  
 Public Employees' Retirement System  
 Last Nine Fiscal Years \*

	For the Year Ended, December 31,								
	2021	2020	2019	2018	2017	2016	2015	2014	2013
Authority's contractually required contribution	\$ 76,110	\$ 63,065	\$ 61,610	\$ 58,194	\$ 52,751	\$ 48,872	\$ 47,697	\$ 44,929	\$ 39,785
Contributions in relation to the contractually required contribution	(76,110)	(63,065)	(61,610)	(58,194)	(52,751)	(48,872)	(47,697)	(44,929)	(39,785)
Contribution deficiency (excess)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Authority's covered payroll	\$ 518,710	\$ 476,935	\$ 454,020	\$ 450,671	\$ 409,809	\$ 393,181	\$ 379,990	\$ 368,749	\$ 377,777
Contributions as a percentage of covered payroll	14.67%	13.22%	13.57%	12.91%	12.87%	12.43%	12.55%	12.18%	10.53%

\* This schedule is presented to illustrate the requirement to show information for 10 years. However, until a full 10-year trend is compiled, governments should present information for those years for which information is available.

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**Schedule of the Authority's Proportionate Share of the Net Other Post-employment Benefit Liability**  
**Local Government Retired Employees Plan**  
**Last Six Fiscal Years \***

	Measurement Date Ended June 30,					
	2021	2020	2019	2018	2017	2016
Authority's proportion of the other postemployment benefit liability (asset)	0.00853%	0.00768%	0.00715%	0.00773%	0.00763%	0.00843%
Authority's proportionate share of the net other postemployment benefit liability (asset)	\$ 1,534,841	\$ 1,377,941	\$ 969,086	\$ 1,210,246	\$ 1,556,704	\$ 1,829,914
Authority's covered-employee payroll	\$ 454,020	\$ 450,671	\$ 450,671	\$ 409,809	\$ 393,181	\$ 379,990
Authority's proportionate share of the net other postemployment benefit liability (asset) as a percentage of its covered-employee payroll	338.06%	305.75%	215.03%	295.32%	395.93%	481.57%
Plan fiduciary net position as a percentage of the total other postemployment benefit liability	0.28%	0.91%	1.98%	1.97%	1.03%	0.69%

\* This schedule is presented to illustrate the requirement to show information for 10 years. However, until a full 10-year trend is compiled, governments should present information for those years for which information is available.

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Notes to the Required Supplementary Information**

**Public Employees' Retirement System (PERS)**

*Changes of Benefit Terms*

The June 30, 2021 measurement date includes one change in plan provisions as Chapter 140, P.L. 2021 reopened the Worker's Compensation Judges (WCJ) Part of PERS and transferred WCJs from the Defined Contribution Retirement Program (DCRP) and regular part of PERS into the WCJ Part of PERS.

*Changes of Assumptions*

The discount rate used as of June 30, measurement date is as follows:

<u>Year</u>	<u>Rate</u>	<u>Year</u>	<u>Rate</u>	<u>Year</u>	<u>Rate</u>
2021	7.00%	2018	5.66%	2015	4.90%
2020	7.00%	2017	5.00%	2014	5.39%
2019	6.28%	2016	3.98%		

The long-term expected rate of return used as of June 30, measurement date is as follows:

<u>Year</u>	<u>Rate</u>	<u>Year</u>	<u>Rate</u>	<u>Year</u>	<u>Rate</u>
2021	7.00%	2018	7.00%	2015	7.90%
2020	7.00%	2017	7.00%	2014	7.90%
2019	7.00%	2016	7.65%		

The mortality assumption was updated upon the direction from the Division of Pensions and Benefits.

**Other Post-Employment Benefits (OPEB)**

*Changes of Benefit Terms*

The increase in benefit terms from June 30, 2020 to June 30, 2021 was a result of employers adopting and or changing Chapter 48 provisions which provide different levels of subsidy than in the prior year.

*Differences Between Expected and Actual Experiences*

The increase in differences between expected and actual experiences from June 30, 2020 to June 30, 2021 was a result of changes to the census, claims and premiums experience.

*Changes of Assumptions*

The increase in changes in assumptions from June 30, 2020 to June 30, 2021 is a result of a change in the discount rate, trend update and the mortality projection scale update.

The discount rate used as of June 30, measurement date is as follows:

<u>Year</u>	<u>Rate</u>	<u>Year</u>	<u>Rate</u>
2021	2.16%	2018	3.87%
2020	2.21%	2017	3.58%
2019	3.50%	2016	2.85%



**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)  
Schedules of Revenues and Expenses - Budget to Actual  
For the years ended December 31, 2021 and 2020

	For the year ended December 31, 2021				For the year ended December 31, 2020			
	Original Budget	Final Budget	Actual	Favorable (Unfavorable)	Original Budget	Final Budget	Actual	Favorable (Unfavorable)
<b>REVENUES:</b>								
User Charges and Fees	\$ 1,815,000	\$ 1,815,000	\$ 1,945,161	\$ 130,161	\$ 1,780,000	\$ 1,780,000	\$ 1,902,569	\$ 122,569
Interest and Penalties on User Fees	10,000	10,000	33,744	23,744	10,000	10,000	11,902	1,902
Connection Fees	16,500	16,500	47,335	30,835	22,000	22,000	23,155	1,155
Interest Earned on Connection Fees	-	-	780	780	-	-	940	940
Interest Income	50,000	50,000	12,740	(37,260)	40,000	40,000	44,598	4,598
Water Tower Rental	249,100	249,100	284,470	35,370	235,000	235,000	274,675	39,675
Other Revenue	-	-	10,248	10,248	-	-	5,755	5,755
<b>Total Revenues</b>	<b>2,140,600</b>	<b>2,140,600</b>	<b>2,334,478</b>	<b>193,878</b>	<b>2,087,000</b>	<b>2,087,000</b>	<b>2,263,594</b>	<b>176,594</b>
<b>EXPENSES:</b>								
Operating Appropriations:								
Cost of Providing Services:								
Salaries and Wages	384,000	384,000	339,801	44,199	382,000	382,000	297,191	84,809
Payroll Taxes and Fringe Benefits	169,725	169,725	129,423	40,302	173,120	173,120	118,775	54,345
Utilities and Natural Gas	75,000	75,000	74,931	69	75,000	75,000	68,268	6,732
Plant and System Expense	131,000	131,000	117,952	13,048	128,000	128,000	99,480	28,520
Permits and Fees	19,000	19,000	14,290	4,710	17,500	17,500	15,175	2,325
Uniforms	4,000	4,000	2,328	1,672	4,000	4,000	3,931	69
Vehicle Expense	17,000	17,000	7,655	9,345	17,000	17,000	4,862	12,138
Insurance	26,000	26,700	26,140	560	25,000	25,000	25,236	(236)
<b>Total Cost of Providing Services</b>	<b>825,725</b>	<b>826,425</b>	<b>712,520</b>	<b>113,905</b>	<b>821,620</b>	<b>821,620</b>	<b>632,918</b>	<b>188,702</b>
Administrative Expenses:								
Salaries and Wages	297,000	297,000	295,506	1,494	291,000	291,000	274,121	16,879
Payroll Taxes and Fringe Benefits	133,275	133,275	112,552	20,723	133,880	133,880	111,011	22,869
Legal Expense	35,000	35,000	10,554	24,446	35,000	35,000	9,653	25,347
Audit and Consulting	44,000	44,000	22,969	21,031	42,000	42,000	36,210	5,790
Advertising and Printing	2,500	1,800	597	1,203	2,500	2,500	920	1,580
Office Expenses and Supplies	65,500	65,500	49,645	15,855	65,000	65,000	43,320	21,680
Trustee Fees	19,000	19,000	14,250	4,750	18,000	18,000	13,650	4,350
Engineering Fees	215,000	215,000	29,095	185,905	315,000	315,000	17,286	297,714
Postage	12,500	9,000	5,087	3,913	9,000	9,000	8,560	440
Telephone	832,775	832,075	548,050	284,025	923,380	923,380	526,694	396,686
<b>Total Administrative Expenses</b>	<b>1,658,500</b>	<b>1,658,500</b>	<b>1,260,570</b>	<b>397,930</b>	<b>1,745,000</b>	<b>1,745,000</b>	<b>1,159,612</b>	<b>585,388</b>
<b>Total Operating Appropriations</b>	<b>259,512</b>	<b>259,512</b>	<b>260,093</b>	<b>(581)</b>	<b>264,924</b>	<b>264,924</b>	<b>265,120</b>	<b>(196)</b>
Interest Expense								
<b>OTHER COSTS FUNDED BY REVENUES:</b>								
Principal Maturity	578,522	578,522	555,407	23,115	561,902	561,902	541,322	20,580
Operations and Maintenance Reserve	50,000	50,000	-	50,000	50,000	50,000	-	50,000
Capital Outlay	20,000	20,000	20,000	-	20,000	20,000	20,000	-
Total Other Costs Funded by Revenues	648,522	648,522	575,407	73,115	631,902	631,902	561,322	70,580
Total expenses	2,566,534	2,566,534	2,096,070	470,464	2,641,826	2,641,826	1,986,054	655,772
Budgetary Revenues over Expense	(425,934)	(425,934)	238,408	664,342	(554,826)	(554,826)	277,540	832,366

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)  
Schedules of Revenues and Expenses - Budget to Actual (continued)  
For the years ended December 31, 2021 and 2020

	2021 Actual	2020 Actual
<b>Reconciliation of Budgetary Basis to Net Income:</b>		
Budgetary Revenues Over Expenses	\$ 238,408	\$ 277,540
Adjustments to Budgetary Basis:		
Depreciation Expense	(844,744)	(814,911)
Adjustment for Interest Accrual	(6,346)	2,886
Pension Liability Benefit/(Expense) - GASB 68	140,862	27,545
OPEB Liability Benefit/(Expense) - GASB 75	10,383	194,714
Principal Maturity	555,407	541,322
Capital Outlay Expenditures	20,000	20,000
Debt Issuance Expense	(26,984)	-
Amortization of Bond Premiums	22,231	20,205
Total Adjustments	(129,191)	(8,239)
Net Income	\$ 109,217	\$ 269,301

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Schedule of Bond Service Requirements by Years**  
**December 31, 2021**

Fiscal Year Ending December 31,	2003 Bonds		
	Principal	Interest	Total
2022	\$ 38,362	\$ 37,700	\$ 76,062
2023	39,619	36,443	76,062
2024	40,917	35,145	76,062
2025	42,258	33,804	76,062
2026	43,642	32,420	76,062
2027	45,072	30,990	76,062
2028	46,549	29,513	76,062
2029	48,074	27,988	76,062
2030	49,649	26,413	76,062
2031	51,276	24,786	76,062
2032	52,956	23,106	76,062
2033	54,691	21,371	76,062
2034	56,483	19,579	76,062
2035	58,334	17,728	76,062
2036	60,245	15,817	76,062
2037	62,219	13,843	76,062
2038	64,257	11,805	76,062
2039	66,363	9,699	76,062
2040	68,537	7,525	76,062
2041	70,782	5,280	76,062
2042	73,102	2,961	76,063
2043	36,012	587	36,599
Total	\$ 1,169,399	\$ 464,503	\$ 1,633,902

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Schedule of Bond Service Requirements by Years**  
**December 31, 2021**

Fiscal Year Ending December 31,	2012 Bonds		
	Principal	Interest	Total
2022	\$ 195,000	\$ 140,144	\$ 335,144
2023	200,000	134,294	334,294
2024	205,000	128,294	333,294
2025	215,000	122,144	337,144
2026	220,000	115,694	335,694
2027	225,000	109,094	334,094
2028	235,000	102,344	337,344
2029	240,000	95,294	335,294
2030	245,000	88,094	333,094
2031	255,000	78,294	333,294
2032	265,000	68,094	333,094
2033	280,000	57,494	337,494
2034	290,000	46,294	336,294
2035	215,000	37,594	252,594
2036	145,000	31,144	176,144
2037	150,000	26,612	176,612
2038	155,000	21,925	176,925
2039	125,000	16,887	141,887
2040	95,000	12,825	107,825
2041	20,000	9,737	29,737
2042	20,000	9,087	29,087
2043	40,000	8,437	48,437
2044	40,000	7,087	47,087
2045	40,000	5,737	45,737
2046	40,000	4,387	44,387
2047	45,000	3,037	48,037
2048	45,000	1,519	46,519
Total	<u>\$ 4,245,000</u>	<u>\$ 1,481,587</u>	<u>\$ 5,726,587</u>

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Schedule of Debt Service Requirements by Years**  
**December 31, 2021**

<b>Fiscal Year</b> <b>Ending December 31,</b>	<b>NJEIT 2007A Loans Payable</b>		
	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
2022	\$ 104,702	\$ -	\$ 104,702
2023	103,897	-	103,897
2024	103,559	-	103,559
2025	102,865	-	102,865
2026	40,954	-	40,954
Total	\$ 455,977	\$ -	\$ 455,977

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Schedule of Debt Service Requirements by Years**  
**December 31, 2021**

<b>Fiscal Year</b> <b>Ending December 31,</b>	<b>NJEIT 2015-A-R1 Loans Payable</b>		
	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
2022	\$ 109,000	\$ 36,800	\$ 145,800
2023	113,000	31,350	144,350
2024	119,000	25,700	144,700
2025	124,000	19,750	143,750
2026	133,000	13,550	146,550
2027	138,000	6,900	144,900
<b>Total</b>	<b>\$ 736,000</b>	<b>\$ 134,050</b>	<b>\$ 870,050</b>

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Schedule of Debt Service Requirements by Years**  
**December 31, 2021**

Fiscal Year Ending December 31,	NJEIT 2014A Loans Payable - Trust		
	Principal	Interest	Total
2022	\$ 10,000	\$ 4,400	\$ 14,400
2023	10,000	3,900	13,900
2024	10,000	3,400	13,400
2025	10,000	2,900	12,900
2026	10,000	2,600	12,600
2027	10,000	2,300	12,300
2028	10,000	2,000	12,000
2029	10,000	1,700	11,700
2030	10,000	1,400	11,400
2031	10,000	1,100	11,100
2032	10,000	800	10,800
2033	15,000	488	15,488
Total	\$ 125,000	\$ 26,988	\$ 151,988

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Schedule of Debt Service Requirements by Years**  
**December 31, 2021**

<b>NJEIT 2014A Loans Payable - Fund</b>			
<b>Fiscal Year Ending December 31,</b>	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
2022	\$ 27,322	\$ -	\$ 27,322
2023	27,322	-	27,322
2024	68	-	68
Total	\$ 54,712	\$ -	\$ 54,712



**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Schedule of Debt Service Requirements by Years**  
**December 31, 2021**

Fiscal Year Ending December 31,	NJEIT 2014A NANO Loans Payable - Trust		
	Principal	Interest	Total
2022	\$ 12,216	\$ 4,742	\$ 16,958
2023	12,460	4,497	16,957
2024	12,729	4,228	16,957
2025	13,022	3,935	16,957
2026	13,341	3,616	16,957
2027	13,695	3,263	16,958
2028	14,078	2,879	16,957
2029	14,486	2,471	16,957
2030	14,928	2,029	16,957
2031	15,391	1,566	16,957
2032	15,883	1,074	16,957
2033	16,407	550	16,957
Total	<u>\$ 168,636</u>	<u>\$ 34,850</u>	<u>\$ 203,486</u>

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Schedule of Debt Service Requirements by Years**  
**December 31, 2021**

Fiscal Year Ending December 31,	NJEIT 2014A NANO Loans Payable - Fund		
	Principal	Interest	Total
2022	\$ 12,712	\$ -	\$ 12,712
2023	12,712	-	12,712
2024	12,712	-	12,712
2025	12,712	-	12,712
2026	12,712	-	12,712
2027	12,712	-	12,712
2028	12,712	-	12,712
2029	12,712	-	12,712
2030	12,712	-	12,712
2031	12,712	-	12,712
2032	12,712	-	12,712
2033	12,711	-	12,711
Total	<u>\$ 152,543</u>	<u>\$ -</u>	<u>\$ 152,543</u>

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Schedule of Debt Service Requirements by Years**  
**December 31, 2021**

NJEIT 2017A NANO Loans Payable - Trust						
Fiscal Year Ending December 31,	Principal		Interest		Total	
2022	\$	5,000	\$	7,925	\$	12,925
2023		5,000		7,675		12,675
2024		5,000		7,425		12,425
2025		5,000		7,175		12,175
2026		5,000		6,925		11,925
2027		5,000		6,775		11,775
2028		5,000		6,625		11,625
2029		10,000		6,475		16,475
2030		10,000		6,175		16,175
2031		10,000		5,875		15,875
2032		10,000		5,575		15,575
2033		10,000		5,275		15,275
2034		10,000		4,963		14,963
2035		10,000		4,638		14,638
2036		10,000		4,313		14,313
2037		10,000		3,975		13,975
2038		10,000		3,638		13,638
2039		10,000		3,300		13,300
2040		10,000		2,963		12,963
2041		10,000		2,625		12,625
2042		10,000		2,275		12,275
2043		10,000		1,925		11,925
2044		15,000		1,575		16,575
2045		15,000		1,050		16,050
2046		15,000		525		15,525
Total	\$	230,000	\$	117,663	\$	347,663
		230,000		117,663		347,663

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Schedule of Debt Service Requirements by Years**  
**December 31, 2021**

Fiscal Year Ending December 31,	NJEIT 2017A NANO Loans Payable - Fund		
	Principal	Interest	Total
2022	\$ 8,427	\$ -	\$ 8,427
2023	8,427	-	8,427
2024	8,427	-	8,427
2025	8,427	-	8,427
2026	8,427	-	8,427
2027	8,427	-	8,427
2028	8,427	-	8,427
2029	8,427	-	8,427
2030	8,427	-	8,427
2031	8,427	-	8,427
2032	8,427	-	8,427
2033	8,427	-	8,427
2034	8,427	-	8,427
2035	8,427	-	8,427
2036	8,427	-	8,427
2037	8,427	-	8,427
2038	8,427	-	8,427
2039	8,427	-	8,427
2040	8,427	-	8,427
2041	8,427	-	8,427
2042	8,427	-	8,427
2043	8,427	-	8,427
2044	8,427	-	8,427
2045	8,427	-	8,427
2046	8,426	-	8,426
Total	<u>\$ 210,674</u>	<u>\$ -</u>	<u>\$ 210,674</u>

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Schedule of Debt Service Requirements by Years**  
**December 31, 2021**

Fiscal Year Ending December 31,	NJEIT 2017A-1 Loans Payable - Trust		
	Principal	Interest	Total
2022	\$ 5,000	\$ 6,481	\$ 11,481
2023	5,000	6,231	11,231
2024	5,000	5,981	10,981
2025	5,000	5,731	10,731
2026	5,000	5,481	10,481
2027	5,000	5,331	10,331
2028	5,000	5,181	10,181
2029	5,000	5,031	10,031
2030	5,000	4,881	9,881
2031	5,000	4,731	9,731
2032	5,000	4,581	9,581
2033	5,000	4,431	9,431
2034	5,000	4,275	9,275
2035	10,000	4,113	14,113
2036	10,000	3,787	13,787
2037	10,000	3,450	13,450
2038	10,000	3,113	13,113
2039	10,000	2,775	12,775
2040	10,000	2,438	12,438
2041	10,000	2,100	12,100
2042	10,000	1,750	11,750
2043	10,000	1,400	11,400
2044	10,000	1,050	11,050
2045	10,000	700	10,700
2046	10,000	350	10,350
Total	\$ 185,000	\$ 95,373	\$ 280,373

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Schedule of Debt Service Requirements by Years**  
**December 31, 2021**

Fiscal Year Ending December 31,	NJEIT 2017A-1 Loans Payable - Fund		
	Principal	Interest	Total
2022	\$ 20,268	\$ -	\$ 20,268
2023	20,268	-	20,268
2024	20,268	-	20,268
2025	20,268	-	20,268
2026	20,268	-	20,268
2027	20,268	-	20,268
2028	20,268	-	20,268
2029	20,268	-	20,268
2030	20,268	-	20,268
2031	20,268	-	20,268
2032	20,268	-	20,268
2033	20,268	-	20,268
2034	20,268	-	20,268
2035	20,268	-	20,268
2036	20,268	-	20,268
2037	20,268	-	20,268
2038	20,268	-	20,268
2039	20,268	-	20,268
2040	20,268	-	20,268
2041	20,268	-	20,268
2042	20,268	-	20,268
2043	20,269	-	20,269
2044	20,269	-	20,269
2045	20,269	-	20,269
2046	20,269	-	20,269
<b>Total</b>	<b>\$ 506,704</b>	<b>\$ -</b>	<b>\$ 506,704</b>

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Schedule of Debt Service Requirements by Years**  
**December 31, 2021**

Fiscal Year Ending December 31,	NJEIT 2018A-1 Loans Payable - Fund		
	Principal	Interest	Total
2022	\$ 5,299	\$ -	\$ 5,299
2023	5,299	-	5,299
2024	5,299	-	5,299
2025	5,299	-	5,299
2026	5,299	-	5,299
2027	5,299	-	5,299
2028	5,299	-	5,299
2029	5,299	-	5,299
2030	5,299	-	5,299
2031	5,299	-	5,299
2032	5,299	-	5,299
2033	5,299	-	5,299
2034	5,299	-	5,299
2035	5,299	-	5,299
2036	5,300	-	5,300
2037	5,300	-	5,300
2038	5,300	-	5,300
2039	5,300	-	5,300
2040	5,300	-	5,300
2041	5,300	-	5,300
2042	5,300	-	5,300
Total	\$ 111,286	\$ -	\$ 111,286

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Schedule of Debt Service Requirements by Years**  
**December 31, 2021**

Fiscal Year Ending December 31,	NJEIT 2018A-1 Loans Payable - Trust		
	Principal	Interest	Total
2022	\$ 5,000	\$ 4,288	\$ 9,288
2023	5,000	4,037	9,037
2024	5,000	3,788	8,788
2025	5,000	3,537	8,537
2026	5,000	3,288	8,288
2027	5,000	3,037	8,037
2028	5,000	2,788	7,788
2029	5,000	2,637	7,637
2030	5,000	2,488	7,488
2031	5,000	2,337	7,337
2032	5,000	2,188	7,188
2033	5,000	2,031	7,031
2034	5,000	1,875	6,875
2035	5,000	1,713	6,713
2036	5,000	1,550	6,550
2037	5,000	1,381	6,381
2038	5,000	1,213	6,213
2039	5,000	1,044	6,044
2040	5,000	875	5,875
2041	10,000	700	10,700
2042	10,000	350	10,350
Total	\$ 115,000	\$ 47,145	\$ 162,145



**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Schedule of Debt Service Requirements by Years**  
**December 31, 2021**

Fiscal Year Ending December 31,	NJEIT 2021A-1 Loans Payable - Fund		
	Principal	Interest	Total
2022	\$ 2,742	\$ -	\$ 2,742
2023	2,742	-	2,742
2024	2,742	-	2,742
2025	2,742	-	2,742
2026	2,742	-	2,742
2027	2,742	-	2,742
2028	2,742	-	2,742
2029	2,742	-	2,742
2030	2,742	-	2,742
2031	2,742	-	2,742
2032	2,742	-	2,742
2033	2,742	-	2,742
2034	2,742	-	2,742
2035	2,742	-	2,742
2036	2,742	-	2,742
2037	2,742	-	2,742
2038	2,742	-	2,742
2039	2,742	-	2,742
2040	2,742	-	2,742
2041	2,742	-	2,742
2042	2,742	-	2,742
2043	2,742	-	2,742
2044	2,742	-	2,742
2045	2,742	-	2,742
2046	2,742	-	2,742
2047	2,742	-	2,742
2048	2,742	-	2,742
2049	2,742	-	2,742
2050	2,739	-	2,739
Total	\$ 79,515	\$ -	\$ 79,515

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Schedule of Debt Service Requirements by Years**  
**December 31, 2021**

Fiscal Year Ending December 31,	NJEIT 2021A-1 Loans Payable - Trust		
	Principal	Interest	Total
2022	\$ 40,000	\$ 23,255	\$ 63,255
2023	40,000	22,131	62,131
2024	40,000	22,338	62,338
2025	40,000	20,432	60,432
2026	40,000	18,572	58,572
2027	45,000	16,751	61,751
2028	45,000	14,773	59,773
2029	45,000	12,852	57,852
2030	45,000	10,976	55,976
2031	45,000	9,583	54,583
2032	45,000	8,717	53,717
2033	50,000	7,925	57,925
2034	50,000	7,045	57,045
2035	50,000	6,216	56,216
2036	50,000	5,426	55,426
2037	50,000	5,100	55,100
2038	55,000	4,650	59,650
2039	55,000	4,200	59,200
2040	55,000	3,900	58,900
2041	55,000	3,600	58,600
2042	55,000	3,300	58,300
2043	55,000	3,000	58,000
2044	55,000	2,700	57,700
2045	55,000	2,400	57,400
2046	55,000	2,100	57,100
2047	60,000	1,800	61,800
2048	60,000	1,350	61,350
2049	60,000	900	60,900
2050	60,000	450	60,450
Total	\$ 1,455,000	\$ 246,441	\$ 1,701,441

**BERKELEY TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**  
**(A Component Unit of the Township of Berkeley, County of Ocean, State of New Jersey)**  
**Board of Commissioners and Management**

	<u><b>Position</b></u>
Michael W. Hale.....	Chairman
Jerome F. Bollettieri .....	Vice Chairman
Edward F. Cammarato .....	Secretary
Samuel J. Cammarato .....	Treasurer
Richard W. Elliott, Jr. ....	Commissioner
William McGrath .....	Alternate No. 1
Frederick S. Bekiarian.....	Alternate No. 2
Michele Nugent .....	Executive Director
Brian P. Blair .....	Chief of Operations

Honorable Chairman and Members  
of the Berkeley Township Municipal Utilities Authority  
County of Ocean  
Bayville, New Jersey

We have audited the financial accounts and transactions of the Berkeley Township Municipal Utilities Authority (hereafter referred to as the Authority), a component unit of the Township of Berkeley, County of Ocean, State of New Jersey for the year ended December 31, 2021. In accordance with requirements prescribed by the Division of Local Government Services, Department of Community Affairs, State of New Jersey, the following are the *General Comments* and *Recommendations* for the year then ended.

### GENERAL COMMENTS AND RECOMMENDATIONS

#### **Contracts and Agreements Required to be Advertised by (N.J.S.A.40A:11-4)**

*N.J.S.A.40A:11-4* - Every contract or agreement, for the performance of any work or furnishing or hiring of any materials or supplies, the cost or the contract price whereof is to be paid with or out of public funds not included within the terms of Section 3 of this act, shall be made or awarded only by the governing body of the contracting unit after public advertising for bids and bidding therefore, except as is provided otherwise in this act or specifically by any other Law. No work, materials or supplies shall be undertaken, acquired or furnished for a sum exceeding in the aggregate \$44,000, except by contract or agreement.

The Authority has a qualified purchasing agent on staff and therefore may award contracts up to \$44,000 without competitive bids.

It is pointed out that the Members of the Authority have the responsibility of determining whether the expenditures in any category will exceed the statutory minimum within the fiscal year. Where question arises as to whether any contract or agreement might result in violation of the statute, the solicitor's opinion should be sought before a commitment is made.

The minutes indicate that bids were requested by public advertising and awarded by resolution.

The minutes indicate that resolutions were adopted authorizing the awarding of contracts or agreements for "Professional Services," per *N.J.S.A.40A:11-5*.

Inasmuch as the system of records did not provide for an accumulation of payments for categories for the performance of any work or the furnishing or hiring of any materials or supplies, the results of such an accumulation could not reasonably be ascertained. Disbursements were reviewed, however, to determine whether any clear-cut violations existed. The results of our examination did not disclose any discrepancies.

## **Contracts and Agreements Required to be Advertised by (N.J.S.A.40A:11-4) (continued)**

The examination of expenditures revealed individual payments, contracts or agreements in excess of \$6,600 "for the performance of any work or the furnishing or hiring of any materials or supplies", other than those where bids had been previously sought by public advertisement or where a resolution had been previously adopted under the provision of (N.J.S.A.40A:11-6.1).

The supporting documentation indicated that quotes were requested for all items that required them.

### **Examination of Cash Receipts**

A test check of cash receipts was made. The results of the examination did not disclose any discrepancies with respect to cash receipts.

### **Examination of Bills**

A test check of paid bills was made and each bill, upon proper approval, was considered as a separate and individual contract unless the records disclosed it to be a part payment or estimate. The results of the examination did not disclose any discrepancies with respect to signatures, certification or supporting documentation.

### **Examination of Payroll**

The examination of the payroll account included the detailed computation of various deductions or other credits from the payroll of the Authority employees and we ascertained that the accumulated withholdings were disbursed to the proper agencies.

### **Property, Plant & Equipment**

The property, plant and equipment subsidiary ledger was maintained properly and a reconciliation between the physical and perpetual inventory records was performed at year-end.

### **Budget Adoption**

The State of New Jersey requires that the Authority's operating and capital budgets be approved and adopted for each fiscal year. The Authority approved its operating budget on October 22, 2020 and adopted its operating budget on December 17, 2020.

### **Current Year Findings**

There were no current year findings.

### **Follow-Up of Prior Years' Findings**

In accordance with *Government Auditing Standards* and audit requirements prescribed by the Local Finance Board and by the Division of Local Government Services, Department of Community Affairs, State of New Jersey, our procedures included a review of all prior year findings. There were no prior year findings.

## **Acknowledgment**

We received the complete cooperation of all the staff of the Authority and we greatly appreciate the courtesies extended to the members of the audit team. During our audit, we did not note any problems or weaknesses significant enough that would affect our ability to express an opinion on the financial statements taken as a whole.

Should you have any questions concerning our comments or recommendations, or should you desire any assistance in implementing our recommendations, please call us.

**HOLMAN FRENIA ALLISON, P.C.**  
*Certified Public Accountants*

January 24, 2023  
Lakewood, New Jersey