

**Delaware County Solid Waste Authority**

**December 31, 2020**

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## Independent Auditor's Report

Board of Directors  
Delaware County Solid Waste Authority

We have audited the accompanying financial statements of Delaware County Solid Waste Authority, a component unit of the County of Delaware, as of and for the year ended December 31, 2020, and the related notes to the financial statements, which collectively comprise the basic financial statements as listed in the table of contents.

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

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

### **Auditor's Responsibility**

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

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

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

## **Opinion**

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of Delaware County Solid Waste Authority a component unit of the County of Delaware, as of December 31, 2020, and the respective changes in financial position and cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

## **Other Matters**

### *Required Supplementary Information*

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis and the 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.

*Barsz Gowie Amon & Fultz, LLC*

Media, Pennsylvania  
May 14, 2021

**DELAWARE COUNTY SOLID WASTE AUTHORITY  
MANAGEMENT'S DISCUSSION AND ANALYSIS  
FOR THE YEAR ENDED DECEMBER 31, 2020  
(UNAUDITED)**

This section presents management's discussion and analysis of the Authority's financial performance during the fiscal year ended on December 31, 2020. This information should be read in conjunction with the Authority's financial statements and accompanying notes.

**FINANCIAL HIGHLIGHTS**

Management believes the Authority's financial condition to continue to be strong and is continuing efforts to improve financial and operational performance and increase revenue streams. Operations exceeded budgetary and other expectations. The Authority in 2009 became financially independent of the County of Delaware and no longer accepted an operating subsidy and enhanced revenues through the institution of municipal user fees. In addition, the Authority embarked on a multiyear capital project and construction plan for which it incurred long term debt accordingly. Following are key financial highlights of the Authority this period:

- The Authority processed 650,617 tons of ash and solid waste at the landfill site during the period—comparable to prior year. As sources of outside waste change from year to year, management continues to proactively seek additional revenue streams and vendors.
- Beginning in January 2019, the Authority increased fees for municipal solid waste, the first increase in several years. Rates were again increased modestly in 2021. Such periodic increases continue to allow the Authority to continue to support necessary capital improvements and consistently provide continuing environmentally positive services to its consumers.
- Total assets at year-end were \$45,119,476 and exceeded liabilities in the amount of \$4,439,007 (i.e.net position). The restricted portion of net position represents that amount required to secure a letter of credit as collateral for a surety bond to be maintained in place for requisite anticipated post closure costs.
- Total net position decreased from 2019 to 2020 in the amount of \$1,445,195, which includes such non-cash items such as depreciation, depletion, and post closure costs of \$5,625,733. Actual operational costs, without regard to the above, resulted in a operational surplus of approximately \$4,184,752.
- The Authority's operating revenue increased during the period approximately \$970,528 primarily in the area of municipal waste disposal fees (including ash). Management is continuing to reach out to other resources for additional revenue sources. Operating expenses (without regard to depreciation, depletion or post closure costs) decreased by \$334,578 to \$38,136,749, or less than 1 percent. While many operating costs were somewhat consistent with prior years, Covanta costs were increased as a result of contractual provisions. Contract hauling fees remained consistent as the agreements with Waste Management continues under the current 2018 contractual hauling agreements. Host fees were reduced proportionately to the slightly lower tonnage received.

**DELAWARE COUNTY SOLID WASTE AUTHORITY  
MANAGEMENT'S DISCUSSION AND ANALYSIS  
FOR THE YEAR ENDED DECEMBER 31, 2020  
(UNAUDITED)**

- The Authority continues its program of capital improvement consistent with its capital project and construction plan and has incurred specific debt to further those goals along with establishing a reserve from the increased fees beginning in 2019.
- The Authority provides a pension plan for its employees, The Plan is well funded and is in excess of its actuarial obligations shown on these statements as a "prepaid" pension in the amount of \$720,854.
- The Authority is applying for an expansion permit at the landfill site. Such expansion, when completed, is expected to increase the landfill life expectancy by at least ten years. The approval from the Commonwealth Department of Environmental protection although not received at the date of this report is anticipated within the coming months.

**OVERVIEW OF THE FINANCIAL STATEMENTS**

The Authority is a single enterprise fund and is component unit of the County of Delaware with the purpose of acquiring, holding, improving, maintaining, operating and owning solid waste disposal facilities and to enter into waste disposal agreements. This financial report consists of three parts: Management's Discussion and Analysis (MD&A), the basic financial statements, and supplemental information. This MD&A represents management's analysis of the Authority's financial condition and performance. Summary financial statement data and other management tools were utilized for analysis. These financial statements report information about the Authority using the full accrual accounting methods as utilized by similar businesses in the private sector. These statements offer short and long-term financial information about its activities. Detailed sub-fund information is not presented in the basic financial statements, however separate accounts are maintained for each program to control and manage revenue and expenses for particular purposes such as landfill operations, solid waste management, and capital projects. Budget to actual expense comparatives are presented as supplementary information.

The *Statement of Net Position* includes all of the Authority's assets and liabilities and provides information about the nature and amounts of investments in resources (assets) and the liabilities to Authority creditors at year-end. It provides the financial position on a full accrual historical cost basis.

All of the current year revenue and expenses are accounted for in the *Statement of Revenue, Expenses, and Changes in Net Position*. This statement presents the result of the business activities over the course of the fiscal year and how financial position has changed during that year.

The *Statement of Cash Flows* is prepared on the direct method and is designed to provide information about the Authority's cash receipts and cash disbursements during the period.

The notes to the financial statements provide required disclosures and other information essential to a full understanding of the material data provided in the financial statements. The notes present information about the Authority's accounting policies, significant accounts and activities, obligations, commitments and subsequent events, if any. As noted above, supplementary information is provided comparing budget to actual expenses for each of the sub funds.

**DELAWARE COUNTY SOLID WASTE AUTHORITY  
MANAGEMENT'S DISCUSSION AND ANALYSIS  
FOR THE YEAR ENDED DECEMBER 31, 2020  
(UNAUDITED)**

**SUMMARY OF ORGANIZATION AND BUSINESS**

The Authority was created pursuant to an ordinance of the County of Delaware and incorporated in 1954 in accordance with the Municipal Authorities Act of 1945, as amended. The Authority is empowered to acquire, hold, improve, maintain operate and own solid waste disposal facilities and to enter into waste disposal agreements. The Authority, in concurrence with service agreements with the County of Delaware, is responsible for the operation and maintenance of the Delaware County owned transfer stations for the purpose of facilitating solid waste disposal in the County.

The Authority does not have taxing power. Operations are funded from revenues derived by the Authority functions including the disposal of solid waste and recycling projects. The Acquisition and construction of capital assets were funded in the past by capital contributions received from the County of Delaware. The Authority has not received capital project funding from the County for the past eleven years. The Authority, through current operating revenues, has developed a capital project fund and periodically transfers surplus funds to the capital projects fund to be available for continuing capital improvements, potential expansion costs, and cell and pad construction. Long-term revenue notes have been incurred as necessary to fulfill the capital needs of the Authority.

**FINANCIAL ANALYSIS OF THE AUTHORITY**

The following comparative condensed financial data serve as indicators of the Authority's financial health or financial position. The Authority's net position, as shown below, decreased by \$1,445,195 (2019 fund balance and non-current assets restated for land not previously recorded). Table 1 below shows a comparative of the Authority's Net Position for the two-year period. The component change in net assets is shown below in Table 2 as a condensed *Statement of Revenue, Expenses and Changes in Net Assets*. Table 3 provides a comparative of the components of the capital assets from 2019 to 2020.

**TABLE 1  
NET POSITION  
December 31,**

	<b>2020</b>	<b>Restated 2019</b>	<b>% increase/ (decrease)</b>
Current assets	\$ 18,424,138	\$ 10,216,538	80.34%
Noncurrent assets	26,613,964	33,415,644	-20.35%
Total assets	<u>45,038,102</u>	<u>43,632,182</u>	3.22%
Current liabilities	7,045,330	4,252,174	65.69%
Noncurrent liabilities	33,635,139	33,495,806	0.42%
Total liabilities	<u>40,680,469</u>	<u>37,747,980</u>	7.77%
Net investment in capital assets	18,169,453	19,647,889	-7.52%
Restricted	1,250,000	5,750,000	-78.26%
Unrestricted	(15,061,820)	(19,513,687)	-22.81%
Total net position	<u>\$ 4,357,633</u>	<u>\$ 5,884,202</u>	

**DELAWARE COUNTY SOLID WASTE AUTHORITY  
MANAGEMENT'S DISCUSSION AND ANALYSIS  
FOR THE YEAR ENDED DECEMBER 31, 2020  
(UNAUDITED)**

**TABLE 2**

**CONDENSED STATEMENT OF REVENUES, EXPENSES  
AND CHANGES IN FUND NET POSITION**

**December 31,**

	<b>2020</b>	<b>2019</b>	<b>% increase (decrease)</b>
Operating revenues			
Hauler and tipping fees	\$ 34,164,938	\$ 33,990,946	0.51%
Covanta	7,270,239	7,102,055	2.37%
Investment income	186,085	82,377	125.89%
Other revenues	886,334	257,982	243.56%
Total operating revenues	42,507,596	41,433,360	2.59%
Operating expenses			
Cost of operations	26,475,796	27,878,198	-5.03%
Covanta	16,585,673	15,334,317	8.16%
Post closure costs	701,013	601,667	16.51%
Debt service	190,309	228,415	-16.68%
Total operating expenses	43,952,791	44,042,597	-0.20%
Operating income	(1,445,195)	(2,609,237)	-44.61%
Gain on sale of assets	-	(47,877)	-100.00%
Unrealized gain (loss) on investment	-	-	
	-	(47,877)	
<b>Change in net position</b>	<b>\$ (1,445,195)</b>	<b>\$ (2,657,114)</b>	-45.61%

**TABLE 3  
CAPITAL ASSETS**

**December 31,**

	<b>2020</b>	<b>Restated 2019</b>	<b>% increase (decrease)</b>
Land, private road	\$ 7,000,000	\$ 7,000,000	0.00%
Landfill site	51,135,989	51,135,989	0.00%
Equipment	102,574,279	101,213,229	1.34%
Construction in Progress	974,042	-	
Total	161,684,310	159,349,218	1.47%
Less: Accumulated depreciation and depletion	(136,676,857)	(132,225,701)	3.37%
Net property and equipment	\$ 25,007,453	\$ 27,123,517	-7.80%



**DELAWARE COUNTY SOLID WASTE AUTHORITY  
MANAGEMENT'S DISCUSSION AND ANALYSIS  
FOR THE YEAR ENDED DECEMBER 31, 2020  
(UNAUDITED)**

**TO CONTACT AUTHORITY MANAGEMENT AND REQUESTS FOR INFORMATION**

The Authority's financial report is intended to provide readers with a general overview of the Authority's financial operations as well as to demonstrate the Authority's accountability for its County appropriations or subsidies and grants. Questions concerning any of the information provided in this report or additional requests for financial information should be addressed to Executive Director, Delaware County Solid Waste Authority, Rose Tree Hunt Club, Media, Pennsylvania, 19063.

**Delaware County Solid Waste Authority**  
**Statement of Net Position**  
**December 31, 2020**

Assets and Deferred Outflows of Resources

Current Assets

Cash and cash equivalents	\$ 11,140,539
Accounts receivable - haulers - net of allowance	3,660,727
Accounts receivable - others	751,646
Berks County escrow, restricted	1,882,129
Inventory	101,488
Prepaid expenses	166,755
Net pension asset	720,854
Total current assets	<u>18,424,138</u>

Non-Current Assets

Restricted cash and investments	
Collateral deposit - surety bond	1,250,000
Environmental restricted cash account	346,011
Investments	10,500
Capital assets:	
Land, private road	7,000,000
Landfill site, net of depletion	1,489,861
Buildings, improvements and equipment, net of depreciation	15,543,550
Construction in Progress	974,042
Total noncurrent assets	<u>26,613,964</u>

Deferred Outflows of Resources

Changes in pension investment returns and actuarial assumptions	<u>81,374</u>
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<u>Total Assets and Deferred Outflows of Resources</u>	<u><u>\$ 45,119,476</u></u>
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See accompanying notes to financial statements.

Liabilities, Deferred Inflows of Resources and Net Position

Current Liabilities

Accounts payable	\$ 3,949,833
Accrued expenses	662,368
Berks County escrow	1,882,129
Revenue notes payable, current maturities	551,000
Total current liabilities	<u>7,045,330</u>

Noncurrent Liabilities

Accrued closure costs	19,117,481
Revenue notes payable, long-term maturities	6,287,000
Due to County of Delaware	7,475,000
Total noncurrent liabilities	<u>32,879,481</u>

Deferred Inflows of Resources

Differences in pension experience	<u>755,658</u>
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Net Position

Net investment in capital assets	18,169,453
Restricted	1,250,000
Unrestricted	(14,980,446)
Total net position	<u>4,439,007</u>

<u>Total Liabilities, Deferred Inflows of Resources and Net Position</u>	<u>\$ 45,119,476</u>
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**Delaware County Solid Waste Authority**  
**Statement of Revenues, Expenses and Changes in Net Position**  
**For the Year Ended December 31, 2020**

<u>Operating Revenues</u>	
Hauler fees	\$ 23,442,161
Covanta	7,270,239
Municipal waste disposal fee	10,722,777
Recycling and other grant revenue	103,207
Other revenues	783,127
Total operating revenues	<u>42,321,511</u>
<u>Operating Expenses</u>	
Salaries, wages and employee benefits	2,519,004
Contractual services, maintenance, supplies	3,731,663
Contract hauling fees	8,938,158
Host fees and fines	6,362,251
Covanta	16,585,673
Depreciation and depletion	4,924,720
Post-closure costs	701,013
Total operating expenses	<u>43,762,482</u>
<u>Operating Loss</u>	<u>(1,440,971)</u>
<u>Non-Operating Revenues (Expenses)</u>	
Investment income	186,085
Debt service payment	(190,309)
Total non-operating revenues (expenses)	<u>(4,224)</u>
<u>Change in Net Position</u>	<u>(1,445,195)</u>
<u>Net Position - beginning, as previously reported</u>	5,780,574
<u>Cumulative effect of prior period accounting misclassification</u>	<u>103,628</u>
<u>Net Position - beginning, restated</u>	<u>5,884,202</u>
<u>Net Position - ending</u>	<u>\$ 4,439,007</u>

See accompanying notes to financial statements.

**Delaware County Solid Waste Authority**  
**Statement of Cash Flows**  
**For the Year Ended December 31, 2020**

<u>Cash Flows from Operating Activities</u>	
Receipts from customers	\$ 41,754,796
Other operating cash receipts	886,334
Payments to suppliers	(33,164,869)
Payments to employees	(2,513,613)
Net cash flows provided by operating activities	<u>6,962,648</u>
<u>Cash Flows from Capital and Related Financing Activities</u>	
Purchases and construction of capital assets	(2,808,655)
Interest paid on revenue notes payable	(190,309)
Principal payments of note payable	(534,000)
Net cash flows used in capital and related financing activities	<u>(3,532,964)</u>
<u>Cash Flows from Investing Activities</u>	
Investment income	186,085
Increase in restricted cash and investments	4,500,000
Net cash flows provided by investing activities	<u>4,686,085</u>
<u>Net Increase in Cash and Cash Equivalents</u>	8,115,769
<u>Cash and Cash Equivalents - beginning</u>	<u>5,252,910</u>
<u>Cash and Cash Equivalents - ending</u>	<u>\$ 13,368,679</u>

See accompanying notes to financial statements.

Reconciliation of operating loss to net cash  
provided by operating activities:

Operating Loss	<u>\$ (1,440,971)</u>
Adjustments to reconcile net income to net cash provided by (used in) operating activities	
Depreciation and depletion	4,924,720
Post closure costs	455,051
Increase in allowance for doubtful accounts	(4,593)
Change in assets and liabilities:	
Accounts receivable - haulers	396,669
Accounts receivable - others	(77,050)
Inventory	8,064
Prepaid expenses	145,434
Accounts payable	1,570,945
Accrued expenses and payroll taxes	24,182
Berks County escrow	1,882,129
Net pension changes	(921,932)
Total adjustments	<u>8,403,619</u>
Net cash flows provided by operating activities	<u><u>\$ 6,962,648</u></u>

**Delaware County Solid Waste Authority**  
**Statement of Fiduciary Net Position**  
**Pension Trust Fund**  
**December 31, 2020**

Assets

Cash and cash equivalents	\$ 200,812
Investments, at fair value:	
Fixed income funds	2,460,216
Equity funds	2,845,627
International funds	<u>1,582,023</u>
 Total Assets	 <u>7,088,678</u>

Liabilities

Benefits payable	<u>-</u>
 Total Liabilities	 <u>-</u>

Net Position - Held in trust and restricted for:

Pension benefits and other purposes	<u><u>\$ 7,088,678</u></u>
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See accompanying notes to financial statements.

**Delaware County Solid Waste Authority**  
**Statement of Changes in Fiduciary Net Position**  
**Pension Trust Fund**  
**Year Ended December 31, 2020**

Additions

Contributions:

Participant	\$ 95,381	
Employer	115,500	
Total contributions		\$ 210,881

Net investment income:

Net increase in fair value of investments	802,181	
Interest and dividends	135,773	
Investment expenses	(30,248)	
Total net investment income		907,706
Total additions		1,118,587

Deductions

Benefits paid and withdrawals	316,566	
Total deductions		316,566

Change in Net Position 802,021

Net Position - beginning 6,286,657

Net Position - ending \$ 7,088,678

See accompanying notes to financial statements.



**Delaware County Solid Waste Authority**  
**Notes to Financial Statements**  
**December 31, 2020**

Note 1 The Financial Reporting Entity

The Delaware County Solid Waste Authority (the “Authority”) was created pursuant to an ordinance of the Board of Commissioners (currently “County Council”) of the County of Delaware, Pennsylvania (the “County”) and incorporated on April 22, 1954, in accordance with the Municipal Authorities Act of 1945, as amended (the “Act”). The Authority, under the terms of the Act as amended March 8, 1985, has a term of existence to January 1, 2034. The Act empowers the Authority to acquire, hold, improve, maintain, operate and own solid waste disposal facilities and to enter into waste disposal agreements. The Authority is not directly subject to federal and state income taxes.

The Authority, on March 27, 1985, acquired the stock in a corporation that owned and operated a sanitary landfill in Berks County, Pennsylvania, at an acquisition price of \$36,000,000. The acquisition was originally financed by the assignment of a portion of a General Obligation Bond, Series of 1985, of the County of Delaware. The Authority concluded its payments on the bonds to the County in 1992. However, the County, from time-to-time, has made additional advances to the Authority, which were repaid from income derived from fees charged to the County and others for disposal of waste.

The Authority, pursuant to service agreements with the County, assumes the complete operation and maintenance of the County-owned transfer stations for the purpose of facilitating solid waste disposal in the County. Certain personnel remain under the general supervision of County Council but are assigned to perform services for the Authority. The Authority repays salaries and related benefits for these personnel to the County.

Separate financial statements are provided for proprietary and fiduciary funds.

COVID-19

The Authority was deemed an essential business at the start of the pandemic when non-essential businesses were government mandated to close. This allowed the Authority to continue with its day-to-day operations with minimal effect on its operations.

Note 2 Summary of Significant Accounting Policies

The financial statements of the Authority have been prepared in conformity with generally accepted accounting principles (“GAAP”) as applied to government units. The Governmental Accounting Standards Board (“GASB”) is accepted as the standard body for establishing governmental accounting and financial reporting principles. The significant accounting principles and policies established in GAAP and utilized by the Authority are described below:

Measurement Focus, Basis of Accounting, and Financial Statement Presentation

The measurement focus is on the flow of economic resources and the accrual basis of accounting; whereby, revenues are recognized when earned and expenses are recorded when incurred. Proprietary and fiduciary fund financial statements are reported using the economic resources measurement focus and the accrual basis of accounting.

**Delaware County Solid Waste Authority**  
**Notes to Financial Statements**  
**December 31, 2020**

Note 2      Summary of Significant Accounting Policies (Continued)

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

The Authority is a component unit of the County and is included in its financial statements. County Council appoints the Authority's governing board. The Authority is considered a component unit because of the significance of its operational and financial relationship with the County.

Cash and Cash Equivalents

For purposes of the statement of cash flows and presentation within the statement of net position, the Authority considers all unrestricted highly liquid investments with an original maturity of three months or less to be cash equivalents.

Inventory

The Authority maintains an inventory of purchased goods used in construction and capping activities, which are stated at cost.

Prepaid Items

Payments made to vendors that will benefit periods beyond the end of the current calendar year are recorded as prepaid items.

Investments

Investments are reported at their fair values in the statements of net position. Unrealized gains and losses are included in the change in net position.

Net Position

The Authority's net position represents the excess of assets over liabilities and is categorized as follows:

*Net Investment in Capital Assets* - Net investment consists of unrestricted capital assets, net of accumulated depreciation and reduced by the outstanding balances of any bonds, mortgages, notes, or other borrowings that are attributed to the acquisition, construction, or improvement of those assets.

*Restricted* - Net positions restricted are representative of the collateral related to the letter of credit obtained for the surety bond. When an expense is incurred for restricted purposes for which both restricted and unrestricted net position are available, restricted resources are applied first.

*Unrestricted net position* - Unrestricted net position is the remaining portion of net position and is categorized as designated or undesignated. Designated assets are committed for specific purposes pursuant to Authority policy and/or Board directives.

**Delaware County Solid Waste Authority**  
**Notes to Financial Statements**  
**December 31, 2020**

Note 2     Summary of Significant Accounting Policies (Continued)

Landfill Site Depletion

The estimated value of the landfill at acquisition and additional purchases for expanding capacity is being depleted over the projected life of the landfill. Depletion is charged annually against income in a manner consistent with the physical usage of the site based upon the site's estimated capacity. The estimated remaining landfill life is approximately ten years.

Capital Assets

Capital Assets are recorded at historical cost. A full fixed asset inventory was conducted this period. Estimates were used as original cost for those items where actual cost records were unavailable. Assets not previously accounted for at that time were shown at their net transferable value with accumulated depreciation charged accordingly. For those assets considered by management to be obsolete, a change in accounting estimate was made to reflect proper depreciation amounts.

Depreciation is recorded on a straight-line basis over the estimated useful lives of the assets, which range from two to thirty-seven years. Assets exclusively related to the landfill are depreciated over the lesser of their estimated useful life or the anticipated life of the landfill.

The Authority capitalizes assets in excess of \$2,000.

Compensated Absences

Salaried employees are entitled to be paid for sick time. Hourly employees do not receive any sick time benefits. Sick pay is differentiated between one or two consecutive sick days and Serious Illness Leave, which is three or more consecutive sick days. Full time salaried employees can earn one Serious Illness Leave day for each month of service, up to a maximum of 30 days. An employee must be out sick for three or more consecutive days and have a doctor's note before they are eligible to use Serious Illness Leave.

All sick days unused at separation are lost and not paid to the employee.

All vacation days are on a use or lose anniversary date basis.

Operating Revenue and Expenses

Operating revenues are defined as all revenue received and related to charges for solid waste disposal onto Authority property.

Operating expenses are defined as all expenses paid and related to Authority solid waste disposal functions.

**Delaware County Solid Waste Authority**  
**Notes to Financial Statements**  
**December 31, 2020**

Note 2      Summary of Significant Accounting Policies (Continued)

Use of Estimates

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

Concentrations

Credit Risk

Financial instruments that potentially subject the Authority to concentrations of credit risk consist principally of cash and accounts receivables. The Authority maintains cash in bank accounts which, at times, may exceed the FDIC insurance coverage of \$250,000. The Authority primarily maintains deposits either with financial institutions which, pursuant to Act No. 72 of Pennsylvania, pool assets required to be pledged to secure public deposits, the total value of the pool to equal not less than the sum of all the pledges required for each separate deposit, or in the amounts insured by the FDIC. Deposits for all funds are either fully insured or collateralized pursuant with the Commonwealth of Pennsylvania statutes. For investment securities, custodial 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 investment or collateral securities that are in the possession of an outside party.

The Authority's investments in certificates of deposit were not exposed to credit risk since they are all held by the custodian and are registered in the name of the Authority.

*Interest Rate Risk* – Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of an investment or a deposit. As of December 31, 2020, the Authority's investment was held in certificates of deposit which reduce the exposure to interest rate risks as the rate is fixed through the duration of the investment period.

*Revenue Concentrations* - The Authority derived 19% and 17% of its operating revenue from Berks County and Covanta.

Deferred Inflows of Resources

Deferred inflows of resources consist of the unamortized balance of differences in expected and actual experience related to the net pension liability.

Deferred Outflows of Resources

Deferred outflows of resources represent future cash outlays that are incorporated as part of the net pension liability on the current period's financial statements.

**Delaware County Solid Waste Authority**  
**Notes to Financial Statements**  
**December 31, 2020**

Note 3     Accounts Receivable – Haulers

The Authority manages the County-owned transfer stations and is responsible for the receipt and transfer of solid waste materials as provided by commercial or private haulers. Beginning in January 1995, it was determined by agreement between the Authority and the County, that the fees and permits collected from commercial or private haulers would remain with the Authority and represent income. Fees that were due relative to the receipt of solid waste at December 31, 2020 are represented by receivables in the amount of \$2,449,773 (net of an allowance for doubtful accounts of \$122,814).

Commercial and private haulers that deposit waste at the Landfill are charged hauling fees that are reflected in the Authority's income. Receivables representing hauler fees at December 31, 2020 totaled \$1,210,954 (net of an allowance for doubtful accounts of \$109,525.)

Note 4     Berks County Escrow

In 2020, the Authority chose to escrow host fees normally paid to Berks County (where the landfill is located) based on an ongoing legal dispute regarding the Authority's application to expand the landfill. The Authority and Berks County settled the dispute in 2021 at which time the payments escrowed through the settlement date were paid (see Note 17).

Note 5     Restricted Cash and Investments

The Authority holds a surety bond, as described in Note 10. The bond requires a letter of credit of \$2,500,000 as of December 31, 2020. The terms of the letter of credit agreement require the Authority to maintain \$1,250,000 in collateral cash. Total restricted cash related to the letter of credit at December 31, 2020 was \$1,250,000. Per the terms of the surety bond, the collateral deposit is protected from custodial credit risk.

Additionally, the Authority has environmental restricted cash account totaling \$346,011 at December 31, 2020 related to a settlement with the Department of Environmental Protection ("DEP") as described in Note 11.

Note 6     Investments and Fair Value Measurements

The Authority measures and records its investments using fair value measurement guidelines established by generally accepted accounting principles. These guidelines recognize a three-tiered fair value hierarchy, as follows:

- Level 1: Quoted prices for identical investments in active markets;
- Level 2: Observable inputs other than quoted market prices; and,
- Level 3: Unobservable inputs.

At December 31, 2020, the Authority's investments consists solely of certificates of deposits totaling \$10,500, which were all deemed to be Level 1 investments. The certificates of deposits were valued based on the stated value of the certificates plus accrued interest which was calculated based on stated interest rates and dates of maturity.

**Delaware County Solid Waste Authority**  
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Note 7 Capital Assets

Landfill - Depletion

The capacity of the Landfill is 22,289,000 cubic yards. 19,056,600 cubic yards of capacity has been utilized through December 31, 2020. Approximately 85% of the existing landfill capacity has been utilized to date.

	<u>Cost</u>	<u>Accumulated Depletion</u>	<u>Net Basis</u>
Land	<u>\$51,135,989</u>	<u>\$49,646,128</u>	<u>\$1,489,861</u>

For the year ended December 31, 2020, depletion expense amounted to \$292,277.

	<u>Balance</u>	<u>Increases</u>	<u>Balance</u>
Non-Depreciable Assets:			
Land, private road	<u>\$7,000,000</u>	<u>\$ -</u>	<u>\$7,000,000</u>

Property, Plant and Equipment

Major classes of property, plant and equipment, useful lives and accumulated depreciation are as follows:

	<u>Estimated Useful Lives</u>	<u>Cost</u>	<u>Accumulated Depreciation</u>	<u>Net Basis</u>
Machinery & Equipment	2-8 years	\$ 10,940,992	\$ 7,836,810	\$ 3,104,182
Buildings & Structures	4-25 years	16,357,481	13,483,163	2,874,318
Pad Construction	5-37 years	<u>75,275,804</u>	<u>65,710,754</u>	<u>9,565,050</u>
		<u>\$ 102,574,277</u>	<u>\$ 87,030,729</u>	<u>\$ 15,543,550</u>

For the year ended December 31, 2020, depreciation expense amounted to \$4,632,443.

A summary of changes in property, plant and equipment, during 2020 is as follows:

Balance – January 1, 2020	\$ 101,109,600
Additions	1,938,244
Dispositions	<u>(473,567)</u>
Balance – December 31, 2020	<u>\$102,574,277</u>

Construction in Progress

Amounts recorded as construction in progress represents costs incurred for the southern area expansion which totaled \$974,042 through December 31, 2020.

**Delaware County Solid Waste Authority**  
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Note 8      Notes Payable

Revenue Notes Payable

On March 25, 2009, the Authority authorized the issuance of Guaranteed Revenue Notes, 2009 Series (the “2009 Notes”) totaling \$7,200,000. The 2009 Notes were used for certain capital projects consisting of a) the construction of leachate collection and treatment facilities, b) the acquisition of vehicles and equipment, c) the construction of and improvements to the Rolling Hills Landfill, d) the rehabilitation of wells, and e) the payment of the costs of issuance of the 2009 Notes. The 2009 Notes were issued over a two-year period.

On March 25, 2009, the Delaware Valley Regional Finance Authority issued on behalf of the Authority, Guaranteed Revenue Notes, 2009 A Series (the “2009 A Notes”) in the amount of \$2,400,000, 2009 B Series (the “2009 B Notes”) in the amount of \$2,400,000, and 2009 C Series (the “2009 C Notes”) in the amount of \$2,400,000. Principal is payable annually on March 25 and interest is payable monthly at a rate of 3.38% for Series A, 3.23% for Series B and 3.39% for Series C as per the Notice of Fixed Rate Conversion.

On March 26, 2012, the Authority authorized the issuance of Guaranteed Revenue Notes, 2012 Series (the “2012 Notes”) totaling \$4,000,000. The 2012 Notes were used for certain capital projects consisting of a) the construction of leachate collection and treatment facilities, b) the acquisition of vehicles and equipment, c) the construction of and improvements to the Rolling Hills Landfill, d) the rehabilitation of wells, and e) the payment of the costs of issuance of the Notes. On March 26, 2012, the Delaware Valley Regional Finance Authority issued on behalf of the Authority, Guaranteed Revenue Notes, 2012 A Series (the “2012 A Notes”) in the amount of \$4,000,000. Principal is payable annually on June 25 beginning June 25, 2013. Interest is payable monthly at a rate of 2.485% as per the Notice of Fixed Rate Conversion.

The Authority has an unused line of credit in the amount of \$2,000,000.

The Authority’s outstanding notes from direct borrowings related to business-type activities that contain various provisions regarding events of default, termination events, and accelerated payment clauses that allow the lender to modify the repayment terms and accelerate payment of the entire principal amount to become immediately due if the lender determines that a material adverse change occurs. As of the date of these financials there were no adverse changes which caused the acceleration of principle due by the Authority for outstanding notes.

**Delaware County Solid Waste Authority**  
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Note 8 Notes Payable (Continued)

The aggregate annual principal payments for each of the following years ending December 31 are as follows:

	<u>Principal</u>	<u>Interest</u>	
2021	\$ 551,000	\$ 196,632	
2022	568,000	179,586	
2023	585,000	161,991	
2024	603,000	143,864	
2025	623,000	125,152	
2026-2032	<u>3,908,000</u>	<u>347,187</u>	
	<u>\$ 6,838,000</u>	<u>\$ 1,154,412</u>	

For the year ended December 31, 2020, interest expense amounted to \$190,309.

Note 9 Changes in Long-Term Liabilities

	<u>01/01/20</u> <u>Balance</u>	<u>Decreases</u>	<u>12/31/20</u> <u>Balance</u>	<u>Due Within</u> <u>One Year</u>
Revenue Notes				
2009 A	\$1,404,000	\$(120,000)	\$1,284,000	\$124,000
Revenue Notes				
2009 B & C	3,152,000	(228,000)	2,924,000	236,000
Revenue Notes				
2012	2,816,000	(186,000)	2,630,000	191,000

Note 10 Closure and Post Closure Costs

Municipal landfill owners and operators are required to incur costs to provide for protection of the environment both during the period of the landfill operation and during the post closure period. These costs are estimated annually, and current cost is adjusted for changes in landfill capacity, operating conditions and increases or decreases in estimated costs. Closure and post closure costs include equipment installed and facilities constructed near or after the date of acceptance of solid waste, cost of the final capping, and the cost of monitoring and maintaining the area during the post closure period. The Authority has established an account to accumulate the anticipated cost of closure and post closure based on usage of the landfill. An amount is charged annually to operations to recognize the current cost and resultant liability based on landfill capacity used to date.

The estimates of closure and post closure costs were determined taking into account capping, revegetation, maintenance, leachate treatment, water quality monitoring, and gas control.



**Delaware County Solid Waste Authority**  
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Note 10 Closure and Post Closure Costs (Continued)

In determining the closure and post closure costs, an inflation rate was utilized at the rate of 4.967%, plus administrative fees of 10% and \$1,369,361 contingency charge that would anticipate covering unexpected changes in technology, inflation or applicable laws and regulations.

Pursuant to the Municipal Waste Planning, Recycling, and Waste Reduction Act of the Commonwealth of Pennsylvania, Act No. 101 of July 28, 1988, P.L. 556, the Authority is required to pay to a trust on a quarterly basis \$.25 per ton of weighed waste to be used for remedial measures and emergency actions necessary to prevent or abate adverse effects on the environment subsequent to landfill closure. Any funds remaining in the trust subsequent to the final closure are divided between the host county and host municipality.

On October 5, 2020, the Authority obtained a new surety bond amounting to \$22,360,208 to cover post closure costs. The surety bond requires that the Authority maintain \$2,500,000 in cash collateral. To satisfy the cash collateral requirements, the Authority has obtained a letter of credit in the amount of \$2,500,000. As a part of the letter of credit agreement the Authority is required to maintain \$1,250,000 as cash collateral which is reflected as restricted cash on the statement of net position as of December 31, 2020.

Accrued closure and post closure costs, as reflected on the statement of net position, totaled \$19,117,481 as of December 31, 2020. \$701,013 was charged against income in 2020. The estimated closure and post closure costs total \$22,360,208, comprised of \$4,869,201 of closure costs and \$17,491,007 of post-closure costs. At December 31, 2020, there remains \$5,391,367 in closure and post closure costs to be recognized in excess of the Act 101 requirements previously mentioned.

Note 11 Environmental Liability – Department of Environmental Protection

In 2013, the Authority entered into a consent agreement with the Department of Environmental Protection (“DEP”) whereby the Authority agreed to update the leachate treatment facility to accommodate the treatment of the leachate. As a part of their settlement with DEP regarding the treatment of the leachate the Authority established a reserve totaling \$500,000 as ordered by DEP to be used to pay for future environmental projects in their neighborhood. Interest earned on the account has been included in the total reserved balance. In 2020, the Authority paid out costs totaling \$74,566 to one ongoing local environmental projects. The total liability at December 31, 2020 was \$346,011, which was included in accrued expenses on the Statement of Financial Position.

Note 12 Due to County of Delaware

This indebtedness represents funds advanced to the Authority, which were used as a security deposit with the DEP relative to post-closure bonding. The advance is non-interest bearing and there is no formal schedule for repayment. The balance totaled \$7,475,000 at December 31, 2020 and is not expected to be repaid in 2021.

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Note 13 Covanta Delaware Valley, LP – Revenue and Expense

As of May 15, 2017, the Authority signed an amended and restated service agreement with Covanta Delaware Valley, LP (“Covanta”). The County, through the Authority, is obligated to deliver County waste to the Covanta facility and Covanta is required, in turn, to pay to the Authority, landfill host community fees for process residue. Further, Covanta pays to the Authority disposal fees for non-County waste. Unless otherwise agreed in writing, the Authority shall not deliver greater than 370,000 tons of acceptable waste, 37,000 tons in each billing period or 2,500 tons each day. The company has no obligation to accept any excess waste of the maximums noted. If the Company accepts excess waste, then existing additional fees shall apply. For cash management purposes the two parties have agreed that the party owing the net balance shall pay to the order of the other party the statement balance within 30 days. During 2020, the Authority paid to Covanta \$16,585,673 for its County waste deliveries. Covanta paid to the Authority \$7,994,216 in residue charges.

Note 14 Pension Plan

Plan Description

The Authority established, effective September 1, 1994, a defined benefit pension plan on behalf of the Authority employees, known as the Delaware County Solid Waste Authority Pension Plan (the “Plan”). This single employer plan is a tax-deferred plan with compulsory membership and a mandatory seven-percent employee contribution. Benefits provided by the Plan agreement include provisions for normal retirement, early retirement, disability, vesting and death benefits. Vesting occurs after eight years of service. Current employees received credit for their time employed prior to the commencement of the Plan. Contributions are provided by the Authority and/or employee contributions. The Plan is subject to the authority of Pennsylvania Act 205 and the Plan agreement.

Under the provisions of the Plan, the retirement date is the first day of the month following the attainment of age 60, or the attainment of age 55 with completion of 20 years of service. The benefit is equal to 2.0% of the final three-year average compensation for each year of credited service. Death benefit is equal to the present value of the member’s accrued benefit at the date of death. Trustees for the Plan have established an investment account for Plan assets. The Authority has selected a retirement committee as administrator for the Plan, although the Authority maintains fiduciary responsibility for Plan assets. Employees’ contributions to the Plan and the deferred compensation amount are not available for withdrawal by the employees until termination, retirement, or death. There are no provisions in the Plan that allows partial refunds or loans.

Funding Policy and Status

Active plan members are required to contribute 7.0% of their annual covered salary. In addition, the Authority is required to make contributions at an actuarially determined rate in accordance with Pennsylvania Act 205 governing municipal pension plans. The Minimum Municipal Obligation under Pennsylvania Act 205 for the plan year ended December 31, 2020 plan provides that ten percent of the excess assets over the accrued liability are used to reduce required contribution. The minimum municipal obligation for 2021 is expected to be \$75,099.

**Delaware County Solid Waste Authority**  
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Note 14 Pension Plan (Continued)

Actuarially Determined Contributions Required and Contributions Made

Total contribution to the plan for the year ended December 31, 2020 were \$210,881, including \$95,381 in employee contributions and \$115,500 in employer contributions. The required contribution for the year was determined using the entry-age normal actuarial cost method. The actuarial assumptions included (a) 7.75% investment rate of return and (b) projected annual salary increases of 5.0%, compounded annually. Both (a) and (b) included an inflation component. 10% of the excess assets over the accrued liability are used to reduce the required contribution.

Note 15 Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions

For the year ended December 31, 2020, the Authority reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	<u>Deferred Outflows of Resources</u>	<u>Deferred Inflows of Resources</u>
Differences between expected and actual experience	\$ -	\$ (283,976)
Net difference between projected and actual earnings on pension plan investments	-	(471,682)
Changes in assumptions	<u>81,374</u>	<u>-</u>
Total	<u>\$ 81,374</u>	<u>\$ (755,658)</u>

The amounts of deferred outflows of resources and deferred inflows of resources related to the above items reported as of December 31, 2020 that will be recognized in pension expense in future periods are as follows:

Year Ended December 31:

2021	\$ (165,653)
2022	(100,513)
2023	(250,378)
2024	(131,578)
2025	(26,162)
Thereafter	-

**Delaware County Solid Waste Authority**  
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Note 16     Correction of Misclassification

The Authority noted that a parcel of land that was purchased and paid for in 2014 was mistakenly expensed in the year purchased. The amount was not deemed material but due to the nature of the purchase the prior period beginning net assets were restated to correct the misclassification and record the capital asset. The financial statements and disclosures have been modified to reflect the correction of the accounting error.

Note 17     Subsequent Events

An ongoing worldwide pandemic of coronavirus disease 2019 (“COVID-19”) has continued to have an effect on the United States since March 2020. As of the report date, the Authority continues to evaluate the ongoing effects of this pandemic on its current and future 2020 operations.

The Authority has submitted an application to the DEP to expand the existing landfill, and expects to receive the authorization to expand shortly after the issuance of these financial statements. There has been no debt applied for or incurred as of the date of the financial statements relating to the expansion project.

The Delaware County Solid Waste Authority has evaluated subsequent events through May 14, 2021, the date which the financial statements were available to be issued.

**Delaware County Solid Waste Authority**  
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**Schedule of Changes in Municipality's Net Pension Liability and Related Ratios (\*) - Unaudited**

	<u>2020</u>	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>
Total Pension Liability							
Service Cost	\$ 161,428	\$ 153,741	\$ 185,275	\$ 176,452	\$ 151,239	\$ 144,037	\$ 128,743
Interest	469,396	443,352	437,526	404,976	383,615	355,173	327,941
Changes of Benefit Terms	-	-	-	-	-	-	23,975
Differences Between Expected and Actual Experience	-	(306,458)	-	(122,856)	-	(81,860)	-
Changes of Assumptions	-	-	-	143,965	-	87,241	-
Benefit Payments, Including Refunds of Member Contributions	<u>(316,566)</u>	<u>(220,895)</u>	<u>(198,366)</u>	<u>(142,129)</u>	<u>(159,621)</u>	<u>(142,129)</u>	<u>(131,811)</u>
Net Change in Total Pension Liability	314,258	69,740	424,435	460,408	375,233	362,462	348,848
Total Pension Liability - Beginning	<u>6,053,581</u>	<u>5,983,841</u>	<u>5,559,406</u>	<u>5,098,998</u>	<u>4,723,765</u>	<u>4,361,303</u>	<u>4,012,455</u>
Total Pension Liability - Ending	<u>\$ 6,367,839</u>	<u>\$ 6,053,581</u>	<u>\$ 5,983,841</u>	<u>\$ 5,559,406</u>	<u>\$ 5,098,998</u>	<u>\$ 4,723,765</u>	<u>\$ 4,361,303</u>
Plan Fiduciary Net Position							
Contributions - Employer	\$ 115,500	\$ 115,500	\$ 115,500	\$ 105,000	\$ 95,000	\$ 90,000	\$ 90,000
Contributions - Member	95,381	96,285	90,502	95,108	100,035	95,787	89,455
Net Investment Income	907,706	1,013,027	(316,071)	704,734	333,462	(45,264)	293,218
Benefit Payments, Including Refunds of Member Contributions	<u>(316,566)</u>	<u>(220,895)</u>	<u>(198,366)</u>	<u>(217,702)</u>	<u>(159,621)</u>	<u>(142,129)</u>	<u>(131,811)</u>
Net Change in Plan Fiduciary Net Position	802,021	1,003,917	(308,435)	687,140	368,876	(1,606)	340,862
Plan Net Position - Beginning	<u>6,286,657</u>	<u>5,282,740</u>	<u>5,591,175</u>	<u>4,904,035</u>	<u>4,535,159</u>	<u>4,536,765</u>	<u>4,195,903</u>
Plan Net Position - Ending	<u>\$ 7,088,678</u>	<u>\$ 6,286,657</u>	<u>\$ 5,282,740</u>	<u>\$ 5,591,175</u>	<u>\$ 4,904,035</u>	<u>\$ 4,535,159</u>	<u>\$ 4,536,765</u>
Municipality's Net Pension Liability	<u>\$ (720,839)</u>	<u>\$ (233,076)</u>	<u>\$ 701,101</u>	<u>\$ (31,769)</u>	<u>\$ 194,963</u>	<u>\$ 188,606</u>	<u>\$ (175,462)</u>
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	<u>111.3%</u>	<u>103.9%</u>	<u>88.3%</u>	<u>100.6%</u>	<u>96.2%</u>	<u>96.0%</u>	<u>104.0%</u>
Covered Employee Payroll	<u>\$ 1,304,450</u>	<u>\$ 1,291,424</u>	<u>\$ 1,292,216</u>	<u>\$ 1,378,635</u>	<u>\$ 1,449,664</u>	<u>\$ 1,278,718</u>	<u>\$ 1,073,521</u>
Municipality's Net Pension Liability as a Percentage of Covered Employee Payroll	<u>-55.3%</u>	<u>-18.0%</u>	<u>54.3%</u>	<u>-2.3%</u>	<u>13.4%</u>	<u>14.7%</u>	<u>(16.3)%</u>

\* GASB Statement No. 68 requires this information to be reported for 10 years. Additional years will be displayed as the information is available.

See accompanying notes to required supplementary information.

**Delaware County Solid Waste Authority**  
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**Schedule of Employer Contributions - Unaudited**

	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Actuarially Determined Contribution	\$ 67,776	\$ 44,877	\$ 43,609	\$ 86,241	\$ 55,970	\$ 74,957	\$ 71,030	\$ 88,171	\$ 88,118
Contributions in Relation to the Actuarially determined Contribution	<u>90,000</u>	<u>90,000</u>	<u>90,000</u>	<u>90,000</u>	<u>90,000</u>	<u>95,000</u>	<u>105,000</u>	<u>115,500</u>	<u>115,500</u>
Contribution Deficiency (Excess)	<u>\$ (22,224)</u>	<u>\$ (45,123)</u>	<u>\$ (46,391)</u>	<u>\$ (3,759)</u>	<u>\$ (34,030)</u>	<u>\$ (20,043)</u>	<u>\$ (33,970)</u>	<u>\$ (27,329)</u>	<u>\$ (27,382)</u>
Covered Employee Payroll	<u>\$ 1,352,572</u>	<u>\$ 1,307,643</u>	<u>\$ 1,167,677</u>	<u>\$ 1,073,521</u>	<u>\$ 1,278,718</u>	<u>\$ 1,449,664</u>	<u>\$ 1,378,635</u>	<u>\$ 1,292,216</u>	<u>\$ 1,291,424</u>
Contributions as a Percentage of Covered Employee Payroll	<u>6.7%</u>	<u>6.9%</u>	<u>7.7%</u>	<u>8.4%</u>	<u>7.0%</u>	<u>6.6%</u>	<u>7.6%</u>	<u>8.9%</u>	<u>8.9%</u>

**Notes to schedules:**

Benefit Changes - In 2013 and 2014 a cost of living increase was granted to the current retired members

Assumption Changes - In 2015, the mortality assumption was changed from RP-2000 Table projected to 2015 using Scale AA. In 2017, the mortality assumption was changed from RP-2000 Table projected to 2015 using Scale AA to the RP-2000 Table projected to 2017 using Scale AA, and the interest rate was lowered from 8.0% to 7.75% per anum.

**Delaware County Solid Waste Authority**  
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**December 31, 2020**

**Schedule of Money-Weighted Rate of Returns (\*) - Unaudited**

	<u>2020</u>	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>
Annual Money-Weighted Rate of Return, Net of Investment Expenses	<u>14.56%</u>	<u>19.19%</u>	<u>-5.65%</u>	<u>14.40%</u>	<u>7.34%</u>	<u>(0.99)%</u>	<u>7.47%</u>

\* GASB Statement No. 68 requires this information to be reported for 10 years. Additional years will be displayed as the information is available.

**Delaware County Solid Waste Authority**  
**Notes to Required Supplementary Information**  
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Note 1 Summary of Significant Accounting Policies

Investment Policy

The pension plan's policy regarding the allocation of invested assets is established and may be amended by the Pension Board. The investment policy of the Plan is to maximize the total rate of return over the long term, subject to preservation of capital, by diversifying the allocation of capital among various investments in domestic equity securities, international equity securities, domestic fixed income instruments and other asset classes as may be deemed prudent.

The plan's investment policy establishes that the portfolio may be invested in the following asset classes with the following target asset allocation:

<u>Asset Class</u>	<u>Target</u>
Domestic Equity	
Large Cap	29%
Mid Cap	5%
Small Cap	5%
International Equity	22%
Fixed Income	35%
Cash	3%

Rate of Return

For the year ended December 31, 2020, the annual money weighted rate of return on pension plan investments, net of pension plan investment expense, was 14.56% percent. The money weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts invested.

Deferred Retirement Option Program (DROP)

The plan does not provide a Deferred Retirement Option Program.

Net Pension Liability

The components of the net pension liability of the municipality as of December 31, 2020 were as follows:

Total Pension Liability (TPL)	\$ 6,367,839
Plan Fiduciary Net Position	7,088,678
Net Pension Liability (NPL)	(720,839)
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	111.3%



**Delaware County Solid Waste Authority**  
**Notes to Required Supplementary Information**  
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Note 1 Summary of Significant Accounting Policies (Continued)

Actuarial Assumptions

An actuarial valuation of the total pension liability is performed biennially. The total pension liability was determined as part of an actuarial valuation at January 1, 2019. Update procedures were used to roll forward to the plan's fiscal plan year ending December 31, 2020. This report was based upon the plan's actuarial assumptions, asset valuation method, and cost method.

Long-Term Expected Rate of Return

The long-term expected rate of return on pension plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation 2.25%) 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 allocation percentage and by adding expected inflation. Best estimates of arithmetic real rates of return for each major asset class included in the pension plan's target asset allocation as of December 31, 2020 are summarized in the following table:

<u>Asset Class</u>	<u>Long-Term Expected Real Rate of Return</u>	<u>Asset Class</u>	<u>Long-Term Expected Real Rate of Return</u>
Domestic Equity		International Equity	8.04%
Large Cap	6.19%	Fixed Income	2.77%
Mid Cap	7.37%	Cash	0.11%
Small Cap	7.37%		

Discount Rate

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

**Delaware County Solid Waste Authority**  
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Note 1 Summary of Significant Accounting Policies (Continued)

Net Pension Liability Sensitivity

The following is a sensitivity analysis of the net pension liability to changes in the discount rate. The table below presents the net pension liability calculated using the discount rate 7.75% as well as what the net pension liability would be if it were calculated using a discount rate that is 1 percentage point lower (6.75%) or 1 percentage point higher (8.75%) than the current rate:

	1% Decrease <u>6.75%</u>	Current Discount Rate <u>7.75%</u>	1% Increase <u>8.75%</u>
Net Pension Liability	<u>\$(78,360)</u>	<u>\$(720,839)</u>	<u>\$(1,271,400)</u>

Pension Expense for the Year Ended December 31, 2020

Service Cost	\$ 161,428
Interest on Total Pension Liability	469,396
Differences Between Expected and Actual Experience	(74,722)
Changes of Assumptions	31,665
Employee Contributions	(95,381)
Projected Earnings on Pension Plan Assets	(480,883)
Differences Between Projected and Actual Earnings on Investments	<u>(116,819)</u>
Total pension expense	<u>\$ (105,316)</u>

**Delaware County Solid Waste Authority**  
**Required Supplementary Information**  
**Schedule of Expenses - Budget to Actual - Unaudited**  
**Year Ended December 31, 2020**

	<b>Landfill Operating Fund</b>		<b>Rose Tree Fund</b>		<b>Total Funds</b>	
	<b>Budget</b>	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Budget</b>	<b>Actual</b>
<b>Operating Expenses</b>						
Payroll	\$ 1,592,000	\$ 1,628,318	\$ 230,000	\$ 252,277	\$ 1,822,000	\$ 1,880,595
Payroll - fringe benefits, taxes and pension	872,000	638,694	-	-	872,000	638,694
Administrative and office expense	60,000	71,445	40,000	47,783	100,000	119,228
Utilities	80,000	75,194	48,000	51,208	128,000	126,402
Fuels and oil	230,000	237,246	-	-	230,000	237,246
Recycling	-	-	75,000	90,959	75,000	90,959
Equipment, maintenance and repairs	215,000	270,269	70,000	28,111	285,000	298,380
Rental equipment	5,000	35,270	-	-	5,000	35,270
Stone supplies	235,000	323,908	-	-	235,000	323,908
LTP Operations	-	-	-	-	-	-
Leachate treatment and cleanout	832,000	604,099	-	-	832,000	604,099
Lab testing	90,000	101,500	-	-	90,000	101,500
Hydroseeding	40,000	8,345	-	-	40,000	8,345
Site supplies	72,000	89,413	70,000	99,942	142,000	189,355
Engineering	210,000	100,429	20,000	1,070	230,000	101,499
Host fees, inspection fees, closure	4,363,500	4,434,095	-	-	4,363,500	4,434,095
Insurance	410,000	509,830	-	29,589	410,000	539,419
Professional services	245,000	621,171	100,000	154,400	345,000	775,571
Public Relations	24,000	24,000	-	-	24,000	24,000
Covanta	-	-	15,078,000	16,585,673	15,078,000	16,585,673
Leaf composting	-	-	-	-	-	-
Facility maintenance	35,000	63,414	-	-	35,000	63,414
Contract hauling fees	2,300,000	1,599,832	10,050,000	9,266,482	12,350,000	10,866,314
Post closure expense	-	701,013	-	-	-	701,013
Community environmental projects	-	-	-	-	-	-
<b>Total Operating Expenses</b>	<b>11,910,500</b>	<b>12,137,485</b>	<b>25,781,000</b>	<b>26,607,494</b>	<b>37,691,500</b>	<b>38,744,979</b>
<b>Non-Operating Revenues (Expenses)</b>						
Income on investments	-	186,062	-	23	-	186,085
Debt service	-	-	(747,154)	(190,309)	(747,154)	(190,309)
<b>Total Expenses</b>	<b>11,910,500</b>	<b>11,951,423</b>	<b>26,528,154</b>	<b>26,797,780</b>	<b>38,438,654</b>	<b>38,749,203</b>
<b>Amounts reflected in the Statement of Net Position</b>						
Shenkel Road Settlement	-	-	-	-	-	-
	<b>\$ 11,910,500</b>	<b>\$ 11,951,423</b>	<b>\$ 26,528,154</b>	<b>\$ 26,797,780</b>	<b>\$ 38,438,654</b>	<b>\$ 38,749,203</b>

**Delaware County Solid Waste Authority**  
**Required Supplementary Information**  
**Capital Projects Fund**  
**Budget to Actual - Unaudited**  
**Year Ended December 31, 2020**

	<u>Budget</u>	<u>Expenditures</u>
Vehicles	\$ 58,100	\$ -
Construction Equipment	589,800	-
Equipment Capital Repairs	218,000	48,450
Truck Scales - Landfill	50,000	3,233
Transfer Station Upgrades	275,000	13,404
Landfill Gas Upgrade	300,000	33,245
Southern Area Expansion	<u>2,000,000</u>	<u>974,042</u>
Subtotal Budget to Actual	3,490,900	1,072,374
Depreciation Expense	-	4,632,443
Depletion Expense	-	292,277
Capping		(5,553)
	<u>                    </u>	<u>                    </u>
Total Capital Projects Fund	<u><u>\$ 3,490,900</u></u>	<u><u>\$ 5,991,541</u></u>