Contents

ATA Group, LLP
CPAs and Advisors
"Accounting, Tax, Assurance"

Independent Auditor's Report

Board of Trustees
Northwest Mosquito Abatement District
Wheeling, Illinois

Opinions

We have audited the accompanying financial statements of the governmental activities and each major fund of Northwest Mosquito Abatement District as of and for the year ended April 30, 2023, and the related notes to the financial statements, which collectively comprise the District'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 governmental activities and each major fund of the Northwest Mosquito Abatement District, as of April 30, 2023, and the respective changes in financial position thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinions

We conducted our audit in accordance with auditing standards generally accepted in the United States of America. 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 Northwest Mosquito Abatement District 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 the 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 Northwest Mosquito Abatement District'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 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 judgement made by a reasonable user based on the financial statements.

In performing an audit in accordance with generally accepted auditing standards, we:

- Exercise professional judgement 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 Northwest Mosquito Abatement District'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 judgement, there are conditions or events, considered in the aggregate, that raise substantial doubt about Northwest Mosquito Abatement District'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 on pages 3 through 6 and 24 through 33 be presented to supplement the basic financial statements. Such information is the responsibility of management and, 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.

ATA GROUP, LLP

August 16, 2023

Management's Discussion and Analysis

As management of Northwest Mosquito Abatement District, this narrative overview and analysis is provided of the District's financial activities for the fiscal year ending April 30, 2023. It is recommended that readers consider this information in conjunction with the financial statements as a whole.

Overview of the Financial Highlights

Management's discussion and analysis serves as an introduction to the District's financial statements. The statements presented include a Governmental Fund Balance Sheet and Statement of Net Position, a Statement of Governmental Fund Revenues, Expenditures, and Changes in Fund Balances and Statement of Activities, and notes to the financial statements. The District qualifies as a special-purpose government engaged in only one governmental type activity allowing it to combine the fund and government-wide financial statements. This is done through the use of an adjustment column, on the face of the statements, which reconciles the fund based financial statements to the government-wide statements.

Financial Highlights

The District's total net position as of April 30, 2023 and 2022, was $5,772,506 and $4,958,690, respectively. For the years ended April 30, 2023 and 2022, net position increased by $813,816 and $968,658, respectively, as revenue exceeded expenses in both years. The term "net position" represents the difference between total assets and deferred outflows of resources and total liabilities and deferred inflows of resources.

Financial Statements

The financial statements of the District are intended to provide the reader with an understanding of the financial position of the District as of the close of the fiscal year and the results of activities for the year then ended. The fund financial statements focus on current financial resources while government-wide financial statements are similar to a private-sector business.

The Governmental Fund Balance Sheet and Statement of Net Position provides information on the District's assets/deferred outflows of resources, and liabilities/deferred inflows of resources. The difference between assets/deferred outflows of resources and liabilities/deferred inflows of resources represents the governmental fund balance for the current financial resources reporting and net position for the government-wide reporting.

The Statement of Governmental Fund Revenues, Expenditures, and Changes in Fund Balances and Statement of Activities reflects the results of the District's revenues, expenditures/expenses and activities during the year and the corresponding effect on fund and net position balances. This statement shows the source of District revenues and how those revenues were used to provide services.

Notes to the financial statements provide additional information that is essential for a full understanding of the information provided in the basic financial statements. Required Supplementary Information consists of a more detailed comparison of estimated revenues and appropriation to actual revenues and expenditures, more information on the pension (asset) liability and the OPEB liability and on employer contributions to the pension and OPEB liabilities.

Condensed Statement of Net Position

	April 30, 2023	April 30, 2022
Current Assets	$ 7,247,884	$ 6,369,738
Net Pension Asset	-	904,263
Capital Assets, net of accumulated depreciation	1,382,449	1,362,664
Total Assets	8,630,333	8,636,665
Deferred Outflows of Resources	744,918	441,783
Current Liabilities	27,818	26,845
Non-Current Liabilities	937,864	149,559
Total Liabilities	965,682	176,404
Deferred Inflows of Resources	2,637,063	3,943,354
Net Position		
Net Investment in Capital Assets	1,382,449	1,362,664
Unrestricted	4,390,057	3,596,026
Total Net Position	$ 5,772,506	$ 4,958,690

Condensed Statement of Changes in Net Position

	For Years Ended April 30, 2023	For Years Ended April 30, 2022
Revenues		
Taxes	$ 3,153,561	$ 3,083,491
Interest	98,577	1,419
Gain From Sale of Capital Assets	15,967	-
Miscellaneous	-	3,201
Total Revenues	3,268,105	3,088,111
Expenses		
Personal Services	1,625,062	951,046
Contractual Services	688,296	632,300
Travel	-	(193)
Commodities	239,324	315,246
Equipment	10,127	12,455
Contingencies	11,721	9,599
Education	(17,638)	18,617
Capital Improvements	-	550
Depreciation	171,543	179,833
Total Expenses	2,728,435	2,119,453
Extraordinary Items	274,146	-
Change in Net Position	813,816	968,658
Net Position, Beginning of Year	4,958,690	3,990,032
End of Year	$ 5,772,506	$ 4,958,690

Financial Analysis

Net position may serve, over time, as a useful indicator of a government's financial position. The District's assets/deferred outflows exceeded liabilities/deferred inflows of resources by $5,772,506 as of the close of the year. Of the net position balance, $4,390,057 is unrestricted and $1,382,449 is net investment in capital assets.

The District's Funds

As the District completed the year, its governmental funds reported a combined fund balance of $3,803,527. The fund balance in the general fund and the capital projects fund increased this year by $339,351 and $609,187, respectively. The net change in the general fund was better than appropriated primarily due to lower expenditures. There was also a $602,500 transfer to the capital projects fund.

Significant Events

The ongoing presence of the mosquito transmitted West Nile Virus (WNV) continues to tax financial reserves of the District. Early season cooler temperatures assisted the District in completion of catch basin treatments earlier than that of a spring with more normal seasonal temperatures. Mosquito transmitted diseases remain unpredictable and highly dependent on weather conditions as well as vector mosquito populations.

Budgetary Highlights

The District amended the budget appropriation at the end of the fiscal year to account for unexpected changes in expenses. See pages 24 through 26 for the original and final budget appropriations. The District's general fund expended $3,039,296, which was $507,132 less than the appropriation of $3,546,428. The budgetary savings was spread throughout the expenditure categories.

Future approved capital asset purchases include truck purchases, fuel tank replacement and the construction of a new building at the District's Wheeling facility. They will be financed with accumulated fund balances, future tax revenues from the general and capital improvement funds and new debt proceeds.

Capital Assets

The District's investment in capital assets amounts to $1,382,449, net of accumulated depreciation, as of April 30, 2023. Capital asset acquisitions during the current fiscal year included a new furnace and freezer at the Wheeling location and building improvements, new alarms and a water storage tank at the Bartlett location as a result of the fire.

	April 30,	
	2023	2022
Land	$ 408,795	$ 175,743
Improvements	922,124	979,542
Buildings	557,008	586,810
Equipment	2,515,228	2,881,219
Cost of Capital Assets	4,403,155	4,623,314
Less Accumulated Depreciation	(3,020,706)	(3,260,650)
Net Investment in Capital Assets	$ 1,382,449	$ 1,362,664

See Note 4 on page 14 of the financial statements for more detailed information about District capital assets.

Economic Factors

Currently, management is not aware of any changes in conditions that could have a significant effect on the financial position or results of activities of the District in the near future.

Requests for Information

This financial report is designed to provide a general overview of the District's finances for all those with an interest in its finances. Questions concerning any of the information provided in this report or requests for additional financial information should be addressed to the Director, Northwest Mosquito Abatement District, 147 W. Hintz Road, Wheeling, Illinois 60090.

NORTHWEST MOSQUITO ABATEMENT DISTRICT

GOVERNMENTAL FUNDS BALANCE SHEET
AND STATEMENT OF NET POSITION

APRIL 30, 2023

	General Fund	Capital Projects Fund	Total	Adjustments (Note 13)	Statement of Net Position
ASSETS					
Cash and Cash Equivalents	$ 347,213	$ 102,570	$ 449,783	$ -	$ 449,783
Investments	3,466,536	1,311,053	4,777,589	-	4,777,589
Property Tax Receivable	1,094,266	-	1,094,266	-	1,094,266
Other Receivable	95,801	7,603	103,404	-	103,404
Inventory	-	-	-	822,842	822,842
Capital Assets, net of accumulated depreciation	-	-	-	1,382,449	1,382,449
Total Assets	5,003,816	1,421,226	6,425,042	2,205,291	8,630,333
DEFERRED OUTFLOWS OF RESOURCES					
Deferred Outflows Related to Pension (IMRF)	-	-	-	744,918	744,918
Total Assets and Deferred Outflows of Resources	$ 5,003,816	$ 1,421,226	$ 6,425,042	$ 2,950,209	$ 9,375,251
LIABILITIES					
Accounts Payable and Payroll Withholding	$ 8,656	$ -	$ 8,656	$ -	$ 8,656
Accrued Payroll	19,162	-	19,162	-	19,162
Accrued Compensated Absences, Long-term	-	-	-	74,739	74,739
Net OPEB Liability, Long-term	-	-	-	81,175	81,175
Net Pension Obligation, Long-term	-	-	-	781,950	781,950
Total Liabilities	27,818	-	27,818	937,864	965,682
DEFERRED INFLOWS OF RESOURCES					
Deferred Inflows Related to Pension (IMRF)	-	-	-	43,366	43,366
Deferred Property Taxes	2,593,697	-	2,593,697	-	2,593,697
Total Deferred Inflows of Resources	2,593,697	-	2,593,697	43,366	2,637,063
Total Liabilities and Deferred Inflows of Resources	2,621,515	-	2,621,515	981,230	3,602,745
FUND BALANCES/NET POSITION					
Fund Balances					
Committed for Capital Improvement	-	1,421,226	1,421,226	(1,421,226)	-
Unassigned	2,382,301	-	2,382,301	(2,382,301)	-
Total Fund Balances	2,382,301	1,421,226	3,803,527	(3,803,527)	-
Total Liabilities and Fund Balances	$ 5,003,816	$ 1,421,226	$ 6,425,042		
Net Position					
Net Investment in Capital Assets				1,382,449	1,382,449
Unrestricted				4,390,057	4,390,057
Total Net Position				$ 5,772,506	$ 5,772,506

The accompanying notes are an integral part of these financial statements.

NORTHWEST MOSQUITO ABATEMENT DISTRICT

GOVERNMENTAL FUNDS STATEMENT OF REVENUES, EXPENDITURES, AND CHANGES IN FUND BALANCES AND STATEMENT OF ACTIVITIES

YEAR ENDED APRIL 30, 2023

	General Fund	Capital Projects Fund	Total	Adjust-ments (Note 13)	Statement of Activities
REVENUES					
Property Taxes	$ 2,763,852	$ -	$ 2,763,852	$ -	$ 2,763,852
Personal Property Replacement Taxes	389,709	-	389,709	-	389,709
Interest	78,226	20,351	98,577	-	98,577
Proceeds/Gain From Sale of Capital Assets	21,100	-	21,100	(5,133)	15,967
	3,252,887	20,351	3,273,238	(5,133)	3,268,105
EXPENDITURES/EXPENSES					
Personal Services	1,389,161	-	1,389,161	235,901	1,625,062
Contractual Services	708,481	-	708,481	(20,185)	688,296
Commodities	320,718	-	320,718	(81,394)	239,324
Equipment	24,353	-	24,353	(14,226)	10,127
Contingencies	11,721	-	11,721	-	11,721
Education	(17,638)	-	(17,638)	-	(17,638)
Capital Improvements	-	13,664	13,664	(13,664)	-
Depreciation	-	-	-	171,543	171,543
	2,436,796	13,664	2,450,460	277,975	2,728,435
Excess (Deficiency) of Revenues Over (Under) Expenditures	816,091	6,687	822,778	(283,108)	-
OTHER FINANCING SOURCES (USES)					
Operating Transfer	(602,500)	602,500	-	-	-
Insurance Proceeds	448,952	-	448,952	(448,952)	-
EXTRAORDINARY ITEMS					
Insurance Proceeds, net of Impairment Costs				394,990	394,990
Fire Restoration Expense	(323,192)	-	(323,192)	202,348	(120,844)
Net Change in Fund Balances	339,351	609,187	948,538	(948,538)	-
Change in Net Position				813,816	813,816
FUND BALANCES/NET POSITION					
Beginning of Year	2,042,950	812,039	2,854,989	2,103,701	4,958,690
End of Year	$ 2,382,301	$ 1,421,226	$ 3,803,527	$ 1,968,979	$ 5,772,506

The accompanying notes are an integral part of these financial statements.

Note 1: Summary of Significant Accounting Policies

Northwest Mosquito Abatement District (District) was organized under the "Mosquito Abatement District Act" and is governed by a five-member Board of Trustees appointed by the Cook County Board of Commissioners. It is the purpose of the District to reduce the number of both nuisance type mosquitoes and those capable of transmitting disease through a program integrating larval control, source reduction and adult control. The District services the northwest portion of Cook County.

The financial statements of Northwest Mosquito Abatement District have been prepared in conformity with U.S. generally accepted accounting principles (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 more significant of the District's accounting policies are described below.

A. Reporting Entity

The District is a special-purpose district and the reporting entity includes all entities for which the District exercised oversight responsibility as defined by the GASB.

The District has developed criteria to determine whether outside agencies should be included within its financial reporting entity. The criteria include, but are not limited to, whether the District (1) selects the governing authority or management, (2) has the ability to significantly influence operations, or (3) has accountability for fiscal matters (e.g., final budget approval, responsibility for funding deficits, management of assets, etc.). Using these criteria, the District has not included in its financial statements the activities of any other entity.

B. Basis of Presentation

The government-wide and fund financial statements are combined, with a reconciliation shown between them.

The Governmental Funds Balance Sheet and Statement of Net Position and Governmental Funds Statement of Revenues, Expenditures and Changes in Fund Balances and Statement of Activities combines information about the reporting government as a whole and funds statements to report its financial position and the results of its operations. Fund accounting is designed to demonstrate legal compliance and to aid financial management by segregating transactions related to certain District functions or activities.

The General Fund, which is the primary operating fund of the District, is used to account for all financial resources except those required to be accounted for in another fund. The Capital Projects Fund is used to account for financial resources to be used for specific capital improvements, repairs or replacements of District equipment or other real or personal property. The General Fund and the Capital Projects Fund are both major funds.

C. Basis of Accounting

The government-wide statements, the Statement of Net Position and the Statement of Activities, are prepared using the economic resources measurement focus and the accrual

Note 1: Summary of Significant Accounting Policies (Continued)

basis of accounting. Generally, revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. Fund financial statements, the Governmental Funds Balance Sheet and Governmental Funds Statement of Revenues, Expenditures, and Changes in Fund Balances, are prepared using the current financial resources measurement focus and are accounted for using the modified accrual basis of accounting. Under this basis, revenues are generally recognized in the accounting period in which they become measurable and available. Expenditures are recognized in the accounting period in which the liability is incurred, if measurable.

In applying the susceptible to accrual concept under the modified accrual basis, the District considers property taxes as available if they are collected within 60 days after year-end. A one year availability period is used for all other governmental fund revenues.

The District recognizes property taxes receivable during the fiscal year in which the taxes are levied and become a legal claim of the District; however, property taxes are not recognized as revenue until the subsequent fiscal year when the property taxes are extended by Cook County and remitted to the District. Accordingly, the property tax levy for the 2022 tax year is recognized as deferred inflows of resources in the accompanying balance sheet.

D. Cash and Investments

Cash and cash equivalents represent amounts in demand deposit accounts and a NOW account. Investments are amounts invested in U.S. Treasury obligations. Investments are stated at cost, which approximates market value.

Illinois Revised Statutes authorize the District to invest in securities guaranteed by the full faith and credit of the United States of America, interest bearing savings accounts, certificates of deposit or any other investments constituting direct obligations of any bank as defined by the Illinois Banking Act, the State Treasurer's investment pool, and other permitted investments under paragraph 902, chapter 85 of the Statutes as amended by Public Act 86-426. Investments may only be made in banks which are insured by the Federal Deposit Insurance Corporation.

E. Capital Assets

The accounting treatment over property, plant, and equipment (capital assets) depends on whether the assets are reported in the government-wide or fund financial statements.

Government-wide Statements

In the government-wide financial statements capital assets are valued at historical cost or estimated historical cost if actual is unavailable, except for donated capital assets, which are recorded at their estimated fair value at the date of donation.

Depreciation of all exhaustible capital assets is recorded as an allocated expense in the Statement of Activities, with accumulated depreciation reflected in the Statement of Net Position. Depreciation is provided over the assets’ estimated useful lives using the

Note 1: Summary of Significant Accounting Policies (Continued)

straight-line method of depreciation. The range of estimated useful lives by type of asset is as follows:

- Buildings	40 years
- Improvements	20 years
- Equipment	5 – 15 years

The minimum amount at which assets are capitalized is $2,000.

Fund Financial Statements

In the fund financial statements, capital assets used in governmental fund operations are accounted for as capital outlay expenditures of the governmental fund upon acquisition.

F. Inventory

Inventory is valued at cost, which approximates market, using the first-in/first-out (FIFO) method, on the government-wide financial statements. Inventories are expended at the time of purchase (purchase method) on the fund financial statements. Inventories consist of chemicals and fuel.

G. Compensated Absences

Vacation pay is vested as it is earned. A percentage of accumulated sick leave, depending on years of service, is vested up to a maximum of 48 days. In the governmental-wide financial statements, vacation leave and sick days are accrued as earned.

H. Deferred Outflows and Inflows of Resources

Deferred outflows of resources related to pension expense represent amounts related to the difference between expected and actual experience, changes in assumptions and the net difference between projected and actual earnings on pension plan investments. In addition, it represents post measurement date payments, i.e., IMRF payments made January through April 2023. See Note 6 for additional information on the deferred outflows.

Deferred inflows of resources consists of two items. Deferred inflows relating to property taxes do not fit the definition of a liability, that is, the use of resources to satisfy an obligation. Rather deferred property taxes represent a future recognition of revenue, therefore are classified as deferred inflows of resources. Deferred inflows related to pensions, similar to deferred outflows related to pensions, represent amounts related to the difference between expected and actual experience, changes in assumptions and the net difference between projected and actual earnings on pension plan investments.

I. Interfund Transactions

All interfund transactions, except quasi-external transactions and reimbursements, are reported as transfers. An operating transfer of $602,500 was made for the year ending April 30, 2023 for the purpose of funding future capital improvements.

Note 1: Summary of Significant Accounting Policies (Continued)

J. Fund Equity

The District has implemented GASB statement 54 "Fund Balance Reporting and Governmental Fund Type Definitions." This Statement provides more clearly defined fund balance categories to make the nature and extent of the constraints placed on a government's fund balance more transparent. The following classifications describe the relative strength of the spending constraints placed on the purposes for which resources can be used:

- Non-spendable fund balance – amounts that are not in a spendable form (such as inventory) or are required to be maintained intact;
- Restricted fund balance – amounts constrained to specific purposes by their providers (such as grantors, bondholders, and higher levels of government), through constitutional provisions or by enabling legislation;
- Committed fund balance – amounts constrained to specific purposes by a government itself, using its highest level of decision-making authority; to be reported as committed, amounts cannot be used for any other purpose unless the government takes the same highest level action to remove or change the constraint;
- Assigned fund balance – amounts a government intends to use for a specific purpose; intent can be expressed by the governing body or by an official or body to which the governing body or by an official or body to which the governing body delegates the authority;
- Unassigned fund balance – amounts that are available for any purpose; positive amounts are reported only in the general fund.

The Board of Trustees establish (and modify or rescind) fund balance commitments by passage of an ordinance or resolution. This is typically done through adoption and amendment of the budget. A fund balance commitment is further indicated in the budget document as a designation or commitment of the fund. Assigned fund balance is established by the Board of Trustees through adoption or amendment of the budget as intended for specific purpose.

When fund balance resources are available for a specific purpose in more than one classification, it is the District's policy to use the most restrictive funds first in the following order: restricted, committed, assigned, and unassigned as they are needed.

K. Budgets

The budget is an estimate of actual expenditures and the appropriation represents the legal spending limit. The budget is adopted on a basis consistent with generally accepted accounting principles, through the passage of an appropriations ordinance. All appropriated amounts lapse at the end of the fiscal year. Spending control for funds is established by the amount of the total appropriation for the fund, but management control is exercised at budget line-item levels.

Note 1: Summary of Significant Accounting Policies (Continued)

L. Estimates

The preparation of financial statements in conformity with U.S. generally accepted accounting principles requires management to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual results could differ from those estimates.

M. Defined Benefit Pension Plan (IMRF)

For purposes of measuring the net pension (asset) liability, deferred outflows of resources and deferred inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the Illinois Municipal Retirement Fund (IMRF) and additions to/deductions from IMRF fiduciary net position have been determined on the same basis as they are reported by IMRF. For this purpose, 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.

Note 2: Deposits and Investments

Deposits. At April 30, 2023, the carrying amount of the District's deposits, excluding petty cash of $400, was $449,383 and the bank balance was $492,920. Of the bank balance, $395,095 was covered by federal depository insurance and $97,825 was collateralized with securities held by the pledging financial institutions agent in the District’s name.

Investments. The District has only invested in U.S. Treasury Bills which are guaranteed by the full faith and credit of the United States Government. The District’s investments are as follows:

	Cost	Market Value
U.S. Treasury Bills – maturities from May 9, 2023 to March 21, 2024 and interest rates approximating 3.144% - 4.9643%	$ 4,777,589	$ 4,807,110

Note 3: Property Tax

The 2022 property taxes attached as an enforceable lien on January 1, 2022. Property tax revenue is recognized in the period of its intended use limited by its availability. The 2022 property taxes were levied on April 20, 2022 by passage of a tax levy ordinance and have been recorded as Property Taxes Receivable to the extent not collected by year-end and Deferred Inflows of Resources. There is no allowance for uncollectible property taxes. On April 20, 2023, the 2023 tax levy ordinance was passed in the amount of $2,711,729. This has not been reflected in the accompanying financial statements.

The tax levy is divided into two billings. The billings are generally mailed on or about February 1 and July 1. The due date is 30 days after the tax bill mailing. On these dates, usually March 1 (April 3 for the 2022 levy) and August 1 (December 30 for the 2021 levy), the bill becomes delinquent and penalties and interest may be assessed by the government. The County collects such taxes and remits them periodically. Most of the tax levy is collected in the calendar year following the levy year. Property tax revenue is the collection of the 2021 and prior levies.

Note 4: Capital Assets

The following is a summary of changes in the capital assets during the fiscal year:

	Balance April 30, 2022	Increases	Decreases	Balance April 30, 2023
Capital assets, not being depreciated				
Land	$ 175,743	$ -	$ -	$ 175,743
Construction in progress	-	233,052	-	233,052
Total capital assets, not being depreciated	175,743	233,052	-	408,795
Capital assets, being depreciated				
Improvements	979,542	8,645	(66,063)	922,124
Buildings	586,810	-	(29,802)	557,008
Equipment	2,881,219	8,726	(374,717)	2,515,228
Total capital assets, being depreciated	4,447,571	17,371	(470,582)	3,994,360
Less accumulated depreciation for				
Improvements	(425,388)	(35,589)	18,777	(442,200)
Buildings	(521,795)	(9,512)	25,560	(505,747)
Equipment	(2,313,467)	(126,442)	367,150	(2,072,759)
Total accumulated depreciation	(3,260,650)	(171,543)	411,487	(3,020,706)
Capital assets being depreciated, net	1,186,921	(154,172)	(59,095)	973,654
Net Investment in Capital Assets	$ 1,362,664	$ 78,880	$ (59,095)	$ 1,382,449

Note 5: Long-Term Liabilities

Changes in long-term liabilities during the year were as follows:

	Balance April 30, 2022	Additions	Reductions	Balance April 30, 2023	Amounts Due in One Year
Compensated Absences	$ 69,613	$ 5,126	$ -	$ 74,739	$ -
Net OPEB Liability	79,946	1,229	-	81,175	-
Net Pension (Asset)/ Obligation	(904,263)	1,686,213	-	781,950	-

Note 6: Defined Benefit Pension Plan

IMRF Plan Description. The District's defined benefit pension plan for regular employees provides retirement and disability benefits, post-retirement increases, and death benefits to plan members and beneficiaries. The District's plan is managed by the Illinois Municipal Retirement Fund (IMRF), the administrator of a multi-employer public pension fund. A summary of IMRF's pension benefits is provided in the "Benefits Provided" section of this document. Details of all benefits are available from IMRF. Benefit provisions are established by statute and may only be changed by the General Assembly of the State of Illinois. IMRF issues a publicly available Comprehensive Annual Financial Report that includes financial statements, detailed information about the pension plan's fiduciary net position, and required supplementary information. The report is available for download at www.imrf.org.

Note 6: Defined Benefit Pension Plan (Continued)

Benefits Provided. IMRF has three benefit plans. The District participates in the Regular Plan (RP). All three IMRF benefit plans have two tiers. Employees hired before January 1, 2011, are eligible for Tier 1 benefits. Tier 1 employees are vested for pension benefits when they have at least eight years of qualifying service credit. Tier 1 employees who retire at age 55 (at reduced benefits) or after age 60 (at full benefits) with eight years of service are entitled to an annual retirement benefit, payable monthly for life, in an amount equal to 1-2/3% of the final rate of earnings for the first 15 years of service credit, plus 2% for each year of service credit after 15 years to a maximum of 75% of their final rate of earnings. Final rate of earnings is the highest total earnings during any consecutive 48 months within the last 10 years of service, divided by 48. Under Tier 1, the pension is increased by 3% of the original amount on January 1 every year after retirement.

Employees hired on or after January 1, 2011, are eligible for Tier 2 benefits. For Tier 2 employees, pension benefits vest after ten years of service. Participating employees who retire at age 62 (at reduced benefits) or after age 67 (at full benefits) with ten years of service are entitled to an annual retirement benefit, payable monthly for life, in an amount equal to 1-2/3% of the final rate of earnings for the first 15 years of service credit, plus 2% for each year of service credit after 15 years to a maximum of 75% of their final rate of earnings. Final rate of earnings is the highest total earnings during any 96 consecutive months within the last 10 years of service, divided by 96. Under Tier 2, the pension is increased on January 1 every year after retirement, upon reaching age 67, by the lesser of:

- 3% of the original pension amount, or
- 1/2 of the increase in the Consumer Price Index of the original pension amount.

Employees Covered by Benefit Terms. As of December 31, 2022, the following employees were covered by the benefit terms:

	IMRF
Retirees and Beneficiaries currently receiving benefits	8
Inactive Plan Members entitled to but not yet receiving benefits	4
Active Plan Members	12
Total	24

Contributions. As set by statute, the District's Regular Plan Members are required to contribute 4.5% of their annual covered salary. The statute requires employers to contribute the amount necessary, in addition to member contributions, to finance the retirement coverage of its own employees. The District's annual contribution rate for calendar year 2022 was 10.35%. For the fiscal year ended April 30, 2023, the District contributed $88,640 to the plan. The District also contributes for disability benefits, death benefits, and supplemental retirement benefits, all of which are pooled at the IMRF level. Contribution rates for disability and death benefits are set by IMRF's Board of Trustees, while the supplemental retirement benefits rate is set by statute.

Net Pension (Asset) Liability. The District's net pension (asset) liability was measured as of December 31, 2022. The total pension liability used to calculate the net pension (asset) liability was determined by an actuarial valuation as of that date.

Note 6: Defined Benefit Pension Plan (Continued)

Actuarial Assumptions. The following are the methods and assumptions used to determine total pension liability at December 31, 2022:

- The *Actuarial Cost Method* used was Entry Age Normal.
- The *Asset Valuation Method* used was Market Value of Assets.
- The *Inflation Rate* was assumed to be 2.25%.
- *Salary Increases* were expected to be 2.85% to 13.75%, including inflation.
- The *Investment Rate of Return* was assumed to be 7.25%.
- *Projected Retirement Age* was from the Experience-based Table of Rates, specific to the type of eligibility condition, last updated for the 2020 valuation according to an experience study from years 2017 to 2019.
- The IMRF-specific rates for *Mortality* (for non-disabled retirees) were developed from the Pub-2010, Amount-Weighted, below-median income, General, Retiree, Male (adjusted 106%) and Female (adjusted 105%) tables with future mortality improvements projected using scale MP-2020.
- For *Disabled Retirees*, the Pub-2010, Amount-Weighted, below-median income, General Disabled Retiree, Male and Female (both unadjusted) tables were used with future mortality improvements projected using scale MP-2020.
- For *Active Members*, the Pub-2010, Amount-Weighted, below-median income, General, Employee, Male and Female (both unadjusted) tables were used with future mortality improvements projected using scale MP-2020.
- There were no benefit changes during the year.

A detailed description of the actuarial assumptions and methods can be found in the December 31, 2022 Illinois Municipal Retirement Fund annual actuarial valuation report.

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) 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 to the target asset allocation percentage and adding expected inflation. The target allocation and best estimates of geometric real rates of return for each major asset class are summarized in the following table as of December 31, 2022:

Asset Class	Portfolio Target Percentage	Long-Term Expected Real Rate of Return
Domestic Equity	35.5%	6.50%
International Equity	18.0	7.60%
Fixed Income	25.5	4.90%
Real Estate	10.5	6.20%
Alternative Investments	9.5	6.25-9.90%
Cash Equivalents	1.0	4.00%
Total	100.0%	

Note 6: Defined Benefit Pension Plan (Continued)

Single Discount Rate. A Single Discount Rate of 7.25% was used to measure the total pension liability. The projection of cash flow used to determine this Single Discount Rate assumed that the plan members' contributions will be made at the current contribution rate, and that employer contributions will be made at rates equal to the difference between actuarially determined contribution rates and the member rate. The Single Discount Rate reflects:

1. The long-term expected rate of return on pension plan investments (during the period in which the fiduciary net position is projected to be sufficient to pay benefits), and

2. The tax-exempt municipal bond rate based on an index of 20-year general obligation bonds with an average AA credit rating (which is published by the Federal Reserve) as of the measurement date (to the extent that the contributions for use with the long-term expected rate of return are not met).

For the purpose of the most recent valuation, the expected rate of return on plan investments is 7.25%, the municipal bond rate is 4.05%, and the resulting single discount rate is 7.25%.

Changes in the Net Pension (Asset) Liability.

	Total Pension Liability (A)	Plan Fiduciary Net Position (B)	Net Pension (Asset) Liability (A)-(B)
Balances at December 31, 2021	$ 7,880,475	$ 8,784,738	$ (904,263)
Changes for the year:			
Service Cost	81,484	-	81,484
Interest on the Total Pension Liability	561,469	-	561,469
Differences Between Expected and Actual Experience	15,805	-	15,805
Changes of Assumptions	-	-	-
Contributions - Employer	-	98,344	(98,344)
Contributions - Employees	-	42,756	(42,756)
Net Investment Income	-	(1,037,089)	1,037,089
Benefit Payments, including Refunds of Employee Contributions	(353,642)	(353,642)	-
Other (Net Transfer)	-	(131,466)	131,466
Net Changes	305,116	(1,381,097)	1,686,213
Balances at December 31, 2022	$ 8,185,591	$ 7,403,641	$ 781,950

Sensitivity of the Net Pension (Asset) Liability to Changes in the Discount Rate. The following presents the plan's net pension (asset) liability, calculated using a Single Discount Rate of 7.25%, as well as what the plan's net pension (asset) liability would be if it were calculated using a Single Discount Rate that is 1% lower or 1% higher:

	1% Lower (6.25%)	Current (7.25%)	1% Higher (8.25%)
Net Pension (Asset) Liability	$ 1,694,397	$ 781,950	$ 41,564

Pension Expense, Deferred Outflows of Resources, and Deferred Inflows of Resources Related to Pensions. For the year ended April 30, 2023, the District recognized an increase in pension

Note 6: Defined Benefit Pension Plan (Continued)

expense of $318,186. At December 31, 2022, the District reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

Deferred Amounts Related to Pensions	Deferred Outflows of Resources	Deferred Inflows of Resources
Deferred Amounts to be Recognized in Pension Expense in Future Periods		
Differences between expected and actual experience	$ 149,294	$ 27,644
Changes of assumptions	5,316	15,722
Net difference between projected and actual earnings on pension plan investments	569,515	-
Total Deferred Amounts to be recognized in pension expense in future periods	724,125	43,366
Pension Contributions made subsequent to the Measurement Date, through April 30, 2023	20,793	-
Total Deferred Amounts Related to Pensions	$ 744,918	$ 43,366

Deferred outflows of resources related to pensions resulting from District contributions subsequent to the measurement date of $20,793 are recognized as a reduction of the net pension (asset) liability in the year ended April 30, 2023. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense in future periods as follows:

Year Ending December 31	Net Deferred Inflows of Resources
2023	$ 37,394
2024	120,131
2025	189,756
2026	332,608
2027	-
Thereafter	870
Total	$ 680,759

Note 7: Other Post-Employment Benefits

Plan Descriptions, Provisions and Funding Policies

In addition to providing the pension benefits described above, the District provides post-employment health care benefits (OPEB) for retired employees of the District through a single employer defined benefit plan. The benefits, benefit levels, employee contributions and employer contributions are governed by the District and can be amended by the District through its personnel manual. The plan is not accounted for as a trust fund; as an irrevocable trust has not been established to account for the plan. The plan does not issue a separate report. To be eligible for benefits, an employee must qualify for retirement through the Illinois Municipal Retirement Fund.

Note 7: Other Post-Employment Benefits (Continued)

All health care benefits for retired employees of the District are provided through the District's health plan. The benefit levels are the same as those afforded to active employees. Benefits include general inpatient and outpatient medical services; mental, nervous, and substance abuse care; vision care; dental care; and prescriptions.

All retirees contribute 100% of the paid premium to the plan. For the fiscal year ending April 30, 2023, retirees contributed $0. Active employees do not contribute to the plan until retirement.

At April 30, 2023, membership consisted of:

Retirees and Beneficiaries Currently Receiving Benefits and Inactive Employees Entitled to Benefits but not yet Receiving Them	0
Active Employees	12
	12

Contributions

There are no actuarially determined contributions or employer contributions as there is no Trust that exists for funding the OPEB liabilities. There are only contributions from other District resources which relate to the increase in active premiums due to the presence of retirees in the determination of blended retiree/active premiums.

Net OPEB Liability

The District's net OPEB liability of $81,175 was measured as of April 30, 2023, and was determined by an actuarial valuation performed as of May 1, 2023.

Actuarial Assumptions and Other Inputs. The net OPEB liability in the May 1, 2023 actuarial valuation was determined using the following assumptions and other inputs, applied to all periods in the measurement, unless otherwise specified:

- The *Actuarial Valuation Method* used was the Alternative Measurement Method.
- *Salary Increases* are expected to be 2.5%, average, including inflation.
- The *Discount Rate* used was 3.53%, based on the High Quality 20-Year Tax Exempt G.O. Bond Rate.
- The *Health Care Cost Trend Rates* beginning April 1, 2023 at a rate of 7.40% reduced annually in .27% increments to 5.0%.
- *Plan Participation Rate* assumes 15% of employees currently enrolled in medical plans will participate in the plan.
- *Retirement Rates* used were Age 61 for Tier 1 IMRF Employees and Age 62 for Tier II IMRF employees.
- *Retiree Lapse Rates* used was 100% at age 65 once Medicare eligible.
- *Mortality Rates* follows the Sex Distinct Raw Rates as developed in the PubG-2010(B). These rates are improved generationally using MP-2020 Improvement Rates.
- *Spouse Mortality* follows the Sex Distinct Raw Rates as developed in the PubG-2010(B) Study. These rates are improved generationally using MP-2020 Improvement Rates.

Note 7: Other Post-Employment Benefits (Continued)

Changes in the Net OPEB Liability

	Total OPEB Liability (A)	OPEB Plan Net Position (B)	Net OPEB Liability (A)-(B)
Balances at April 30, 2022	$ 79,946	$ -	$ 79,946
Change for the Year:			
Service Cost	603	-	603
Interest on the Total Pension Liability	2,519	-	2,519
Changes in Benefit Terms	-	-	-
Differences Between Expected and Actual Experience of the Total Pension Liability	568	-	568
Changes in Assumptions	466	-	466
Benefit Payments	(2,927)	(2,927)	-
Contributions – Employer	-	2,927	(2,927)
Contributions - Employees	-	-	-
Administrative Expense	-	-	-
Net Changes	1,229	-	1,229
Balance at April 30, 2023	$ 81,175	$ -	$ 81,175

Sensitivity of the Net OPEB Liability to Changes in the Discount Rate. The following presents the net OPEB liability, calculated using a Single Discount Rate of 3.53%, as well as what the plan's total OPEB liability would be if it were calculated using a Discount Rate that is 1% lower or 1% higher:

	1% Lower (2.53%)	Current (3.53%)	1% Higher (4.53%)
Net OPEB Liability	$ 84,694	$ 81,175	$ 77,749

Sensitivity of the Net OPEB Liability to Changes in the Healthcare Cost Trend Rates. The following presents the sensitivity of the net OPEB liability to the Healthcare Cost Trend Rates assumption:

	1% Lower (Varies)	Current (Varies)	1% Higher (Varies)
Net OPEB Liability	$ 75,870	$ 81,175	$ 87,248

OPEB Expense, Deferred Outflows of Resources, and Deferred Inflows of Resources Related to OPEB. For the year ended April 30, 2023, the District recognized expense resulting from the increase in the OPEB liability of $1,229. At April 30, 2023, the District reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

Note 7: Other Post-Employment Benefits (Continued)

Deferred Amounts Related to Pensions	Deferred Outflows of Resources	Deferred Inflows of Resources
Deferred Amounts to be Recognized in OPEB Expense in Future Periods		
Differences between expected and actual experience	$ -	$ -
Changes of assumptions or other inputs	-	-
Total Deferred Amounts Related to OPEB	$ -	$ -

Note 8: Extraordinary Items

A fire occurred at the Bartlett location on August 11, 2022. The garage was heavily damaged along with four trucks and inventory. The office sustained smoke damage. The building was unusable until total repairs were completed in July 2023. All but $1,000 of the total repairs to the building are covered by insurance. In accordance with GASB 42-*Accounting and Financial Reporting for Impairment of Capital Assets and for Insurance Recoveries,* fire restoration expenditures of $323,192 were recorded in the General Fund with the corresponding proceeds ($448,952) recorded as an Other Financing Source. In the Government-wide statements, fire restoration expenditures related to building improvements ($202,348) were reversed and recorded as a capital asset leaving net fire restoration expenditures of $120,844. Also, the Other Financing Source was reversed and recorded as Insurance Proceeds revenue. Finally, the net book value of the impaired assets was removed and the loss ($53,962) was netted against the Insurance Proceeds. The Insurance Proceeds, net of Impairment Costs, equals $394,990 for the fiscal year ended April 30, 2023.

Note 9: Deferred Compensation Plan

The District offers a deferred compensation plan created in accordance with Internal Revenue Code Section 457. The current plan is available to all full-time District employees. This plan permits them to defer a portion of their salary until future years.

The deferred compensation is not available to employees until termination, retirement, death or unforeseeable emergency. The plan provides for various levels of deferment and is available to all full-time District employees. The maximum deferred compensation is $22,500 for the 2023 calendar year. However, a “catch-up” deferral in the amount of $7,500 is also available for participants older than age 50. There are also more generous catch-up provisions if the employee is within three years of the plan’s normal retirement age.

All amounts of compensation deferred are held in trust (until paid or made available to the employee or other beneficiary). The deferred compensation is not subject to the claims of the District’s creditors. Investments are managed by the plan's administrator under one of three investment options. The choice of the investment option is made by the participants. Currently seven employees participate in the plan.

Note 10: Risk Management

The District is exposed to various risks of loss related to torts; theft of, damage to and destruction of assets; errors and omissions, injuries to employees and natural disasters. As such, the District carries commercial insurance to mitigate those risks of loss. Settled claims resulting from these risks have historically not exceeded insurance coverage in the past three years and there have been no significant reductions in coverage.

Note 11: Litigation

The District is routinely engaged in litigation related to tax protests of various tax levies. Generally, every year protests for older levy years are settled and ones related to more recent levy years emerge. When these cases settle the proceeds are paid out of future tax distributions as refunds. Nothing unusual has transpired this year and management believes no material liabilities have been incurred.

Note 12: Committed Fund Balance

The Board of Trustees has resolved to set aside the capital projects fund balance for future building and equipment purchases.

During the fiscal year ended April 30, 2023, the District entered into various contracts related to the alarms that are now required at the Bartlett location as a result of the fire and the construction of a new building at the Wheeling location. The District committed approximately $285,101 for the costs of the outstanding contracts related to these projects. As of April 30, 2023, the District has paid $29,541 toward these commitments leaving a balance of $255,560 due on the contracts.

Note 13: Adjustments

Amounts reported in the statement of net position are different from the governmental fund balance sheet because:

Significant balances of inventory items need not be reported as assets in the fund statements if the purchases method is used.	$ 822,842
Capital assets used in governmental activities are not financial resources and therefore are not capitalized in the funds.	1,382,449
Net deferred outflows and deferred inflows related to pensions	701,552
Liabilities for compensated absences, which will not mature in the current period, are not included in the governmental fund balances and therefore, are deducted from net position.	(74,739)
Net OPEB liability	(81,175)
Net pension obligation	(781,950)
	$ 1,968,979

Note 13: Adjustments (Continued)

Amounts reported on the statement of activities are different from governmental funds statements of revenues, expenditures and changes in fund balances because:

The government funds report capital outlays as expenditures; however, in the statement of activities, the cost of these assets is allocated over their estimated useful lives as depreciation expense. This is the amount by which capital outlays exceeded depreciation expense ($250,423 less $171,543).	$	78,880
Recognizing the gain from sale of capital assets		(5,133)
The government funds recognize insurance proceeds ($448,952) as other financing sources; however, in the statement of activities, the insurance proceeds are recognized as an Extraordinary Item, net of any loss from the impairment of the related assets ($394,990).		(53,962)
Recognizing the change in pension expense relating to the change in deferred outflows, deferred inflows and net pension (asset) liability		(229,546)
Recognizing an increase in inventory		81,394
Recognizing the revenue or (expense) related to the change in the other post-employment obligation		(1,229)
Recognizing a decrease in the accrual for compensated absences		(5,126)
	$	(134,722)

NORTHWEST MOSQUITO ABATEMENT DISTRICT

SCHEDULE OF REVENUES AND EXPENDITURES -
ESTIMATED RECEIPTS AND APPROPRIATIONS COMPARED TO ACTUAL
GENERAL FUND

YEAR ENDED APRIL 30, 2023

	APPROPRIATION		
	ORIGINAL	FINAL	ACTUAL
REVENUES			
Property Taxes	$ 2,705,556	$ 2,705,556	$ 2,763,852
Personal Property Replacement Taxes	176,727	176,727	389,709
Interest	-	-	78,226
Proceeds From Sale of Fixed Assets	-	-	21,100
Total Revenues	2,882,283	2,882,283	3,252,887
EXPENDITURES			
PERSONAL SERVICES			
Salary of Technical Director	162,000	162,000	156,295
Salary of Assistant Technical Director	132,500	132,500	105,107
Salary of Chief of Field Operations	120,000	120,000	98,948
Salary of Chief of Internal Services	120,000	120,000	49,238
Salary of Field Employees	978,000	728,000	703,036
Salary of Entomologist	76,000	-	-
Salary of Office Manager	108,000	108,000	96,408
Employer's Share of F.I.C.A.	130,000	130,000	91,489
Employer's Share of I.M.R.F.	132,000	132,000	88,640
	1,958,500	1,632,500	1,389,161
CONTRACTUAL SERVICES			
Insurance: Business Auto	38,000	42,000	41,284
Insurance: General Liability	40,000	46,000	45,851
Insurance: Umbrella Liability	38,000	38,000	37,874
Insurance: Workers Compensation	35,000	25,000	20,366
Insurance: Property	14,000	14,000	9,982
Insurance: Directors' and Officers' Liability	-	-	-
Insurance: Hospitalization	298,500	258,500	255,196
Insurance: Unemployment	10,000	10,000	9,063
Material & Service - Motor Vehicles	39,750	39,750	29,080
Material & Service - Field Equipment	7,100	7,100	5,248
Material & Service - Buildings and Grounds	50,000	53,000	52,139
Materials & Service - Shop Equipment	-	-	-
Materials & Service - Radio	8,500	17,500	16,689
Maintenance	21,250	21,250	12,557

APPROPRIATIONS COMPARED TO ACTUAL (Continued)

	APPROPRIATION		
	ORIGINAL	FINAL	ACTUAL
Lights	$ 15,000	$ 15,000	$ 6,812
Heat	20,000	20,000	9,352
Telephone	46,000	52,000	49,780
Water	2,250	2,250	1,253
Legal Fees and Expenses	61,500	36,500	33,357
Legal Administration	21,000	11,000	8,728
Auditing and Accounting	20,200	20,200	15,400
Dues and Subscriptions	7,000	7,000	6,586
Computer Software	65,000	55,000	35,648
Payroll Expense	9,000	9,000	6,236
	867,050	800,050	708,481
TRAVEL	3,000	3,000	0
COMMODITIES			
Insecticides	383,558	300,558	251,634
Motor Vehicle Fuel	59,970	39,970	35,186
Office Supplies	10,000	10,000	2,322
Postage and Freight	1,600	1,600	611
Shop Supplies	16,000	23,000	21,914
Laboratory Supplies	28,000	12,000	4,022
Drainage	-	-	-
Uniforms	10,000	10,000	3,135
Safety Equipment	16,000	16,000	1,894
	525,128	413,128	320,718
EQUIPMENT			
Motor Vehicle/Field Equipment Purchase	5,000	5,000	22
Shop Equipment Purchase	3,500	8,500	6,897
Lab Equipment Purchase	25,000	25,000	8,726
Office Equipment Purchase	7,500	7,500	2,016
Radio and Antenna Purchase	3,500	3,500	-
Computer Hardware	10,000	10,000	6,692
	54,500	59,500	24,353
CONTINGENCIES	15,000	15,000	11,721

(Continued)

APPROPRIATIONS COMPARED TO ACTUAL (Continued)

	APPROPRIATION		
	ORIGINAL	FINAL	ACTUAL
EDUCATION			
Educational Meeting	$ 18,000	$ 18,000	$ 8,668
Literature Purchase	750	750	-
Research and Development	-	-	-
Training and Development	2,000	2,000	(26,306)
	20,750	20,750	(17,638)
LOSS AND COST OF COLLECTION	-	-	-
Total Expenditures	3,443,928	2,943,928	2,436,796
Excess (Deficiency) of Revenues Over (Under) Expenditures	(561,645)	(61,645)	816,091
OTHER FINANCING USES			
Operating Transfer	(102,500)	(602,500)	(602,500)
Net Change in Fund Balance	$ (664,145)	$ (664,145)	$ 213,591

Appropriated budgets are adopted on a basis consistent with generally accepting accounting principles. All annual appropriations lapse at fiscal year end.

NORTHWEST MOSQUITO ABATEMENT DISTRICT

SCHEDULE OF CHANGES IN NET PENSION (ASSET) LIABILITY AND RELATED RATIOS

CALENDAR YEAR ENDED DECEMBER 31,

	2022	2021	2020	2019	2018	2017	2016	2015
Total Pension Liability								
Service Cost	$ 81,484	$ 80,029	$ 78,897	$ 86,322	$ 79,223	$ 82,224	$ 80,321	$ 71,644
Interest on the Total Pension Liability	561,469	545,142	516,446	482,595	465,287	460,312	437,019	414,580
Benefit Changes	-	-	-	-	-	-	-	-
Difference between Expected and Actual Experience	15,805	(44,273)	190,143	233,090	(252)	(5,443)	40,273	52,421
Assumption Changes	-	-	(35,927)	-	188,581	(217,361)	(15,218)	7,341
Benefit Payments and Refunds	(353,642)	(359,227)	(349,409)	(313,357)	(254,093)	(249,705)	(247,006)	(238,875)
Net Change in Total Pension Liability	305,116	221,671	400,150	488,650	478,746	70,027	295,389	307,111
Total Pension Liability - Beginning	7,880,475	7,658,804	7,258,654	6,770,004	6,291,258	6,221,231	5,925,842	5,618,731
Total Pension Liability - Ending (a)	$ 8,185,591	$ 7,880,475	$ 7,658,804	$ 7,258,654	$ 6,770,004	$ 6,291,258	$ 6,221,231	$ 5,925,842
Plan Fiduciary Net Position								
Employer Contributions	$ 98,344	$ 112,438	$ 98,781	$ 78,750	$ 108,080	$ 104,490	$ 108,320	$ 92,997
Employee Contributions	42,756	40,835	41,043	38,643	40,192	39,677	37,066	35,405
Pension Plan Net Investment Income	(1,037,089)	1,284,858	977,243	1,046,958	(297,222)	944,174	359,381	25,588
Benefit Payments and Refunds	(353,642)	(359,227)	(349,409)	(313,357)	(254,093)	(249,705)	(247,006)	(238,875)
Other	(131,466)	19,525	76,181	102,530	105,350	(75,344)	27,316	50,319
Net Change in Plan Fiduciary Net Position	(1,381,097)	1,098,429	843,839	953,524	(297,693)	763,292	285,077	(34,566)
Plan Fiduciary Net Position - Beginning	8,784,738	7,686,309	6,842,470	5,888,946	6,186,639	5,423,347	5,138,270	5,172,836
Plan Fiduciary Net Position - Ending (b)	$ 7,403,641	$ 8,784,738	$ 7,686,309	$ 6,842,470	$ 5,888,946	$ 6,186,639	$ 5,423,347	$ 5,138,270
Net Pension (Asset) Liability - Ending (a) - (b)	$ 781,950	$ (904,263)	$ (27,505)	$ 416,184	$ 881,058	$ 104,619	$ 797,884	$ 787,572
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	90.45%	111.47%	100.36%	94.27%	86.99%	98.34%	87.17%	86.71%
Covered Valuation Payroll	$ 950,188	$ 907,494	$ 912,107	$ 858,783	$ 893,225	$ 881,775	$ 823,729	$ 786,777
Net Pension (Asset) Liability as a Percentage of Covered Valuation Payroll	82.29%	-99.64%	-3.02%	48.46%	98.64%	11.86%	96.86%	100.10%

Note to Schedule: This is presented to illustrate the requirements to show information for 10 years. However, until a full 10-year trend is compiled, information is presented for those years for which information is available.

NORTHWEST MOSQUITO ABATEMENT DISTRICT

SCHEDULE OF EMPLOYER PENSION CONTRIBUTIONS

Calendar Year Ended December	Actuarially Determined Contribution	Actual Contribution	Contribution Deficiency (Excess)	Covered Valuation Payroll	Actual Contribution as a Percentage of Covered Valuation Payroll
2015	$ 92,997	$ 92,997	$ -	$ 786,777	11.82%
2016	108,320	108,320	-	823,729	13.15%
2017	104,490	104,490	-	881,775	11.85%
2018	108,080	108,080	-	893,225	12.10%
2019	78,750	78,750	-	858,783	9.17%
2020	98,781	98,781	-	912,107	10.83%
2021	112,439	112,439	-	907,494	12.39%
2022	98,344	98,344	-	950,188	10.35%

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

*Summary of Actuarial Methods and Assumptions Used in the Calculation of the 2022 Contribution Rate**

Valuation Date: Actuarially determined contribution rates are calculated as of April 30 each year, which are 12 months prior to the beginning of the fiscal year in which contributions are reported.

<u>Methods and Assumptions Used to Determine 2022 Contribution Rates:</u>

Actuarial Cost Method:	Aggregate entry age = normal
Amortization Method:	Level percentage of payroll, closed
Remaining Amortization Period:	21-year closed period
Asset Valuation Method:	5-year smoothed market; 20% corridor
Wage Growth:	2.75%
Price Inflation:	2.25%, approximate; No explicit price inflation assumption is used in this valuation.
Salary Increases:	2.85% to 13.75%, including inflation
Investment Rate of Return:	7.25%
Retirement Age:	Experience-based table of rates that are specific to the type of eligibility condition; last updated for the 2020 valuation pursuant to an experience study of the period 2017 to 2019.
Mortality:	For non-disabled retirees, the Pub-2010 Amount-Weighted, below-median income, General, Retiree, Male (adjusted 106%) and Female (adjusted 105%) tables, and future mortality improvements projected using scale MP-2020. For disabled retirees, the Pub-2010, Amount-Weighted, below-median income, General, Disabled Retiree, Male and Female (both unadjusted) tables, and figure mortality improvements projected

	using scale MP-2020. For active members, the Pub-2010, Amount-Weighted, below-median income, General, Employee, Male and Female (both unadjusted) tables, and future mortality improvements projected using scale MP-2020.
Other Information:	
Notes:	There were no benefit changes during the year.

* Based on Valuation Assumptions used in the December 31, 2020, actuarial valuation.

NORTHWEST MOSQUITO ABATEMENT DISTRICT

SCHEDULE OF CHANGES IN NET OPEB LIABILITY AND RELATED RATIOS

YEAR ENDED APRIL 30,

	2023	2022	2021	2020	2019
Total OPEB Liability					
Service Cost	$ 603	$ 778	$ 1,004	$ 840	$ 809
Interest	2,519	2,270	2,739	3,734	3,798
Changes on Benefit Terms	-	-	2,023	-	-
Difference between Expected and Actual Experience	568	-	(15,792)	-	-
Changes in Assumptions	466	(21,704)	7,843	10,566	-
Benefit Payments	(2,927)	(2,765)	(6,904)	(6,462)	(6,073)
Net Change in Total OPEB Liability	1,229	(21,421)	(9,087)	8,678	(1,466)
Total OPEB Liability - Beginning	79,946	101,367	110,454	101,776	103,242
Total OPEB Liability - Ending (a)	$ 81,175	$ 79,946	$ 101,367	$ 110,454	$ 101,776
OPEB Plan Net Position					
Contributions - Employer	$ 2,927	$ 2,765	$ 6,904	$ 6,462	$ 6,073
Contributions - Employee	-	-	-	-	-
Contributions - Other	-	-	-	-	-
Net Investment Income	-	-	-	-	-
Benefit Payments	(2,927)	(2,765)	(6,904)	(6,462)	(6,073)
Administrative Expense	-	-	-	-	-
Employer Net Change in OPEB Plan Net Position	-	-	-	-	-
OPEB Plan Net Position - Beginning	-	-	-	-	-
OPEB Plan Net Position - Ending (b)	$ -	$ -	$ -	$ -	$ -
Net OPEB Liability - Ending (a) - (b)	$ 81,175	$ 79,946	$ 101,367	$ 110,454	$ 101,776
OPEB Plan Net Position as a Percentage of Net OPEB Liability	0.00%	0.00%	0.00%	0.00%	0.00%
Covered-Employee Payroll	$ 958,225	$ 918,078	$ 917,198	$ 838,733	$ 917,511
Employer Net OPEB Liability as a Percentage of Covered-Employee Payroll	8.47%	8.71%	11.05%	13.17%	11.09%

Note to Schedule: This is presented to illustrate the requirements to show information for 10 years. However, until a full 10-year trend is compiled, information is presented for those years for which information is available.

NORTHWEST MOSQUITO ABATEMENT DISTRICT

SCHEDULE OF EMPLOYER OPEB CONTRIBUTIONS

Fiscal Year Ended April 30,	Actuarially Determined Contribution	Actual Contribution	Contribution Deficiency (Excess)	Covered Valuation Payroll	Actual as a Percentage of Covered Valuation Payroll
2019	N/A	$ -	N/A	$ 917,511	0.0%
2020	N/A	-	N/A	838,733	0.0%
2021	N/A	-	N/A	917,198	0.0%
2022	N/A	-	N/A	918,078	0.0%
2023	N/A	-	N/A	958,225	0.0%

Notes to the Required Supplementary Information

There is no Actuarily Determined Contribution (ADC) or employer contribution in relation to the ADC, as there is no Trust that exists for funding the OPEB liabilities. However, the District did make contributions from other District resources in the current year in the amount of $2,927 as a pass-thru.

NORTHWEST MOSQUITO ABATEMENT DISTRICT

DETAIL SCHEDULE OF CAPITAL ASSETS

APRIL 30, 2023

	Estimated Life (Years)	Cost	Accumulated Depreciation	Net Book Value
LAND	N/A	$ 175,743	N/A	$ 175,743
CONSTRUCTION IN PROGRESS	N/A	233,052	N/A	233,052
BUILDINGS				
Elk Grove	40	243,676	218,866	24,810
Bartlett	40	60,599	58,329	2,270
Wheeling	40	252,733	228,552	24,181
		557,008	505,747	51,261
IMPROVEMENTS OTHER THAN BUILDINGS				
Elk Grove	20	102,350	30,359	71,991
Bartlett	20	198,078	152,068	46,010
Wheeling	20	621,696	259,773	361,923
		922,124	442,200	479,924
EQUIPMENT				
Trucks	6	1,194,117	945,319	248,798
Shop	10	213,760	160,707	53,053
Lab	15	99,959	65,684	34,275
Radios	5	98,071	98,017	54
Field	10	182,785	178,553	4,232
Sprayers	10	606,334	527,370	78,964
Office	10	31,943	24,143	7,800
Computers and Peripherals	5	75,373	60,080	15,293
Audio Visual	10	12,886	12,886	-
		2,515,228	2,072,759	442,469
		$ 4,403,155	$ 3,020,706	$ 1,382,449

NORTHWEST MOSQUITO ABATEMENT DISTRICT

PROPERTY TAX LEVIES, ASSESSED VALUATIONS, RATES, EXTENSIONS, AND COLLECTIONS -
LAST SEVEN TAX YEARS

APRIL 30, 2023

	2022	2021	2020	2019	2018	2017	2016
Tax Levy	$ 2,593,697	$ 2,746,456	$ 2,705,826	$ 2,618,879	$ 2,495,597	$ 2,378,118	$ 2,265,953
Assessed Valuation	$ 27,500,000,000*	$ 26,682,281,599	$ 28,554,753,385	$ 28,291,186,400	$ 24,532,977,892	$ 25,007,832,011	$ 24,678,874,318
Tax Rate	0.010*	0.010	0.010	0.010	0.010	0.010	0.010
Tax Extension	$ 2,750,000*	$ 2,935,051.00	$ 2,855,475	$ 2,829,119	$ 2,698,628	$ 2,500,783	$ 2,467,887
Collections	$ 1,499,431	$ 2,907,554	$ 2,845,634	$ 2,788,305	$ 2,640,170	$ 2,439,262	$ 2,410,706
Percentage of Extension Collected	53.55%	99.06%	99.66%	98.56%	97.83%	97.54%	97.68%

* Estimated