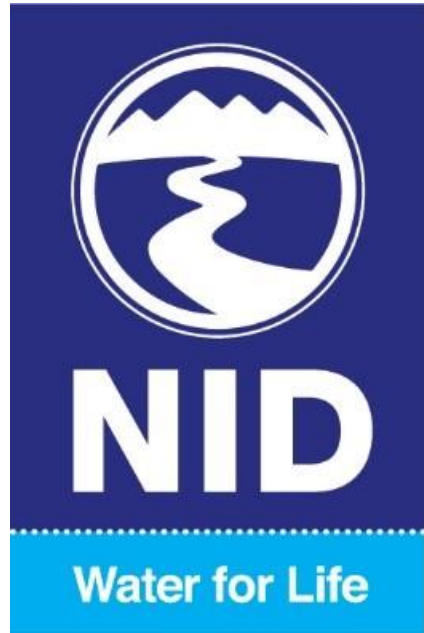


NEVADA IRRIGATION DISTRICT

ANNUAL COMPREHENSIVE FINANCIAL REPORT

FOR THE FISCAL YEAR
ENDED DECEMBER 31, 2022

1036 West Main Street
Grass Valley, California





NEVADA IRRIGATION DISTRICT

ANNUAL COMPREHENSIVE FINANCIAL REPORT

**For the Fiscal Year Ended
December 31, 2022**

Prepared by the Finance Department

**1036 West Main Street
Grass Valley, California
www.nidwater.com**

**NEVADA IRRIGATION DISTRICT
ANNUAL COMPREHENSIVE FINANCIAL REPORT
DECEMBER 31, 2022**

TABLE OF CONTENTS

	<u>Page</u>
INTRODUCTORY SECTION	
Letter of Transmittal	i - vii
Organizational Chart	viii
List of Elected and Appointed Officials	ix
FINANCIAL SECTION	
Independent Auditor's Report	1 - 3
Management's Discussion and Analysis	4 - 10
Basic Financial Statements:	
Statement of Net Position	11 - 13
Statement of Revenues, Expenses, and Changes in Net Position	14 - 15
Statement of Cash Flows	16 - 18
Statement of Fiduciary Net Position	19
Statement of Changes in Fiduciary Net Position	20
Notes to the Basic Financial Statements	21 - 48
Required Supplementary Information:	
Schedule of Changes in the Net Pension Liability and Related Ratios	49 - 51
Schedule of Contributions to the Pension Plan	52 - 53
Schedule of Changes in the Net OPEB Liability and Related Ratios	54
Schedule of Contributions to the OPEB Plan	55
Supplementary Information	
Capacity Fee Schedule	56
STATISTICAL SECTION	
Narrative Summary	57
Financial Trend Information	
Table 1: Net Position by Component	58
Table 2: Changes in Net Position	59

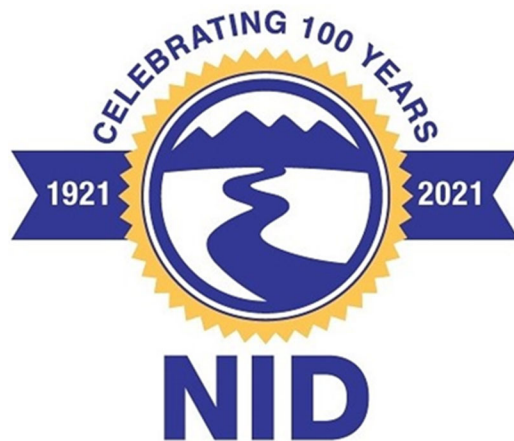
**NEVADA IRRIGATION DISTRICT
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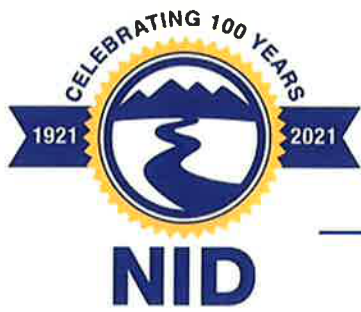
TABLE OF CONTENTS

	<u>Page</u>
STATISTICAL SECTION (CONTINUED)	
Revenue Capacity	
Table 3: Treated Water Rates and Connection Fees	60
Table 4: Hydroelectric Rates, Production and Sales	61
Table 5: Recreation Sales and Facilities	62
Table 6: Raw Water Rates and Connection Fees	63
Table 7: Water Sales and Production by Type	64
Table 8: Ten Largest Water Customers	65
Table 9: Principal Property Taxpayers	66
Debt Capacity	
Table 10: Ratios of Outstanding Debt by Type	67
Table 11: Computation of Direct and Overlapping Bonded Debt	68
Table 12: Ratio of Annual Debt Service Expenses for All Debt to Total General Expenses	69
Table 13: Debt Service Coverage	70
Demographic and Economic Information	
Table 14: Labor Force and Employment for Counties Served (Nevada & Placer)	71
Table 15: Demographic and Economic Statistics	72
Operating Information	
Table 16: Water System Capital Asset and Operating Indicators	73
Table 17: Full-Time Equivalents	74



INTRODUCTORY SECTION





Nevada Irrigation District

July 14, 2023

To the Honorable Board of Directors of Nevada Irrigation District:

The Nevada Irrigation District (District) is required by State statute to publish, within twelve months of the close of each fiscal year, a complete set of financial statements presented in conformity with generally accepted accounting principles (GAAP) established by the Governmental Accounting Standards Board (GASB) and audited in accordance with generally accepted auditing standards (GAAS) by a firm of licensed certified public accountants. Pursuant to that requirement, we are pleased to present the initial Annual Comprehensive Financial Report (ACFR) for the fiscal year ended December 31, 2022. The information presented in this ACFR provides financial information with all the disclosures necessary to enable the District's customers, investment community, and public to assess the District's financial condition.

This report contains management's representations concerning the finances of the District. Management is responsible for completeness and reliability of the information presented in this report. To provide a reasonable basis for making these representations, management has established a comprehensive internal control framework designed to protect the District's assets from loss, theft, or misuse while compiling sufficient, reliable information for the preparation of the District's financial statements in conformity with GAAP. Because the cost of internal controls should not outweigh the benefits, the District's comprehensive framework of internal controls provides reasonable rather than absolute assurance that the financial statements are free from material misstatement. As management, we assert that, to the best of our knowledge and belief, this financial report is complete and reliable in all material respects.

Mann, Urrutia, Nelson CPAs & Associates, LLP, a firm of licensed certified public accountants, contracted with the District and has audited the District's financial statements. The goal of the independent audit is to provide reasonable assurance that the financial statements of the District for the fiscal year ended December 31, 2022 are free from material misstatement. The independent audit involves examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. The independent auditor concluded based upon the audit, that there was a reasonable basis for rendering an unmodified opinion that the District's financial statements for the fiscal year ended December 31, 2022 are in conformity with GAAP. The independent auditor's report is the first component located in the financial section of this report.

GASB requires that management provide a narrative introduction, overview, and analysis to accompany the basic financial statements in the form of Management's Discussion and Analysis (MD&A). This transmittal letter and MD&A complement the readers' understanding. The District's MD&A is located immediately following the independent auditor's report.

The ACFR contains Introductory, Financial, Required Supplementary Information, Supplementary Information, and Statistical sections. The Introductory section includes this transmittal letter, a list of principal officials and the District's organizational chart. The Financial section includes the Independent Auditor's Report on the District's financial statements, MD&A, December 31, 2022 basic financial statements, including the Statement of Net Position,

Statement of Revenues, Expenses and Changes in Net Position, Statement of Cash Flows, Statement of Fiduciary Net Position and Notes to the Basic Financial Statements. The Required Supplementary Information contains information on the District's pension and other postemployment benefit plans. Supplementary information consists of the Capacity Fee Report. The financial statements are prepared in accordance with GAAP. The Statistical section summarizes selected, unaudited, general financial and operational information of the District.

District Profile

History

On March 15, 1921, local organizers presented petitions carrying 800 signatures of irrigation district supporters to the Nevada County Board of Supervisors. During a public election on August 5, 1921, voters recommended formation of the district by a margin of 536-163. Nevada County Supervisors authorized the new district and 10 days following the election, on August 15, 1921, the District officially formed. The District's first board meeting occurred that day in Grass Valley's Bret Harte Hotel.

At its formation, the District included 202,000 acres in Nevada County. Five years later, in 1926, residents of Placer County chose to join the District adding another 66,500 acres. Today, the District includes more than 287,000 acres. Following its formation, the District achieved rapid progress in laying the groundwork for the new public irrigation system. During the 1920s, many important water rights were obtained, key water rights the district retains to this day. The acquisition of land to store and deliver water was a very important step in the District's development.

The District began to deliver irrigation water to local farms in 1927. At that time, irrigation water costs about 10 cents per day. By the late 1950s and early 1960s it had become apparent that the future would bring more demand for water in the District's service areas. Demand for District water was beginning to transition from canal water to piped and treated drinking water. At the same time, California was embracing development of hydroelectric power to meet the state's growing energy needs.

District leaders once again took their campaign to the electorate and in a 1962 election, 97 percent of District voters supported a \$65 million bond issue to construct the Yuba-Bear Hydroelectric Power Project. The major project completed from 1963-66, remains a very important milestone in District history. It brought not only power generation capability, but also new reservoirs and canal systems and most importantly, created approximately 145,000 AF of additional water storage for District residents.

No longer would foothill reservoirs run dry in the long hot summers. Today, as the District has grown and matured into a multi-faceted water, power, and recreation agency, the District continues to take great pride in its Gold Rush roots and important place in California water history.

Mission Statement

The District will provide a dependable, high-quality water supply for the communities we serve.

Water Operation

The District's water originates as snow melt found in 70,000 acres of high elevation mountain watershed in the Sierra Nevada Mountains. The water supplied to District customers originates on the upper reaches of the Middle Yuba River, South Yuba River, Bear River, Canyon Creek, Deer Creek and several tributaries. Water from the mountain snowpack flows into nine major reservoirs in the District's mountain division, then into three foothill reservoirs on a final path to District customers through an extensive water conveyance system of pipes and open ditch canals.

From these mountain division reservoirs, the District water flows through the Bowman-Spaulding Canal via Fuller

Lake to PG&E's Lake Spaulding. It is then routed either down the South Yuba Canal to Upper Deer Creek, Scotts Flat and the Nevada City-Grass Valley area, or down the PG&E Drum System along the Bear River where the water is used to generate power before supplying District customers in southern Nevada County and Placer County. The District holds valuable water rights to these water supplies and occasionally purchases water from PG&E through contract.

The highest elevation on the District's mountain watershed is the peak of 8,373-foot English Mountain, which rises east of Bowman Reservoir. The District's highest reservoir is French Lake at 6,835 feet. The District's lowest elevation water service is located about 100 miles to the southwest, at 150 feet above sea level, south of Lincoln in Placer County.

The District's highest dam is the rock fill-earth core dam at Rollins Reservoir, built in 1965 and standing 242 feet tall. The Jackson Meadows dam (1965) is second highest at 195 feet, Scotts Flat dam (1965) is 175 feet, and the Bowman South Arch dam (1925) is 171 feet high. French Dam, constructed in 1858-59, is the District's oldest dam still in use. Other dams that originated in the 1800s include the Bowman Rockfill Dam (1872), and Faucherie, Sawmill and Jackson, all constructed prior to 1880. In the lower division, Van Giesen Dam at Combie Reservoir is the oldest, built in 1928.

With precipitation data that dates to the 1800s, the District is a foremost source for regional weather information. The District has been keeping weather records for Bowman Reservoir (elev. 5,563 ft.) since 1929. The 69.2-inch annual average precipitation at Bowman compares to an annual average of 56 inches at 2,700 feet near Nevada City and 52 inches at 2,400 feet in Grass Valley. Annual precipitation is measured for the 12-month period beginning July 1 and ending June 30. The District is a participant in the California Cooperative Snow Survey Project. District snow surveyors conduct snow surveys regularly during the winter and spring months. Data compiled in the snow surveys predicts water availability locally and statewide.

Irrigation Water

The District operates a network of more than 475 miles of canals and 411 miles of pipelines to transport water to its agricultural customer base. These distribution facilities supply irrigation water to about 5,200 customers who receive water through individual metered service outlets. A large majority of agricultural purchases occur during the summer irrigation season of April 15 through October 14 and provide the supplies to sustain a large variety of agricultural crops including but not limited to irrigated pasture, vineyards, orchards, and family gardens. District water supplies are integral in sustaining a robust multi-million-dollar agricultural industry in Nevada, Placer, and Yuba counties. The District's water distribution network is also pivotal in providing the water supply needs for the District's six domestic water treatment plants and raw water supply to the City of Grass Valley, Nevada City, and a small portion of the City of Lincoln.

Domestic Water

The District operates and maintains six domestic drinking water treatment facilities with a total treatment capacity of 41.64 million gallons per day (MGD). The annual result is the production of approximately 2.8 billion gallons of water to approximately 19,800 customers. All water supplied met or exceeded state and federal regulations for potable drinking water. These facilities include the following:

- Elizabeth George Water Treatment Plant with a capacity of 18 MGD to supply the unincorporated areas of Nevada City and Cascade Shores area
- Loma Rica Water Treatment Plant with a capacity of 8.3 MGD to supply the unincorporated areas of Grass Valley and the Alta Sierra area
- North Auburn Water Treatment Plant with a capacity of 6 MGD to serve the North Auburn area

- Lake of the Pines Water Treatment Plant with a capacity of 5 MGD to serve the Lake of the Pines and Dark Horse subdivisions
- Lake Wildwood Water Treatment Plant with a capacity of 4 MGD to serve the Lake Wildwood and Penn Valley subdivisions
- Smartsville Water Treatment Plant with a capacity of 0.34 MGD to serve the town of Smartsville

Water Efficiency

The District is committed to conservation and encourages wise use of water. Conservation and water use efficiency is important to preserving our precious water resources. To that end, the District endeavors to provide education and support to customers to achieve the goal of a 20% reduction in water use from 2020 levels. Water fulfills drinking, household, agricultural, safety, property preservation, and environmental purposes.

Master Gardeners and the District cooperate to demonstrate sustainable landscape techniques for the home gardening public. The District and the University of California signed an agreement to establish a demonstration garden in March 1991. The District installed water lines and electricity for irrigation timers. Master Gardeners designed and planted an herb garden, vegetable beds, and fruit trees. Master Gardeners plan, install and maintain the garden.

Hydroelectric Operation

The District is a leader among Northern California water agencies in the production of clean, renewable hydroelectric energy. Revenues from hydroelectricity are very important in the maintenance and operation of the District's extensive water distribution system. The District has seven power plants that generate enough electricity to supply the equivalent of more than 60,000 homes and one solar array producing 80 kilowatt hours. The District has a hydroelectric generation capacity of 82.2 megawatts, produces an average 241 million kilowatt hours of energy each year, and sells its electrical output to the Pacific Gas & Electric Co and Northern California Power Agency. Power Plants and capacity of megawatts include Chicago Park 39.0, Dutch Flat 24.57, Rollins 12.15, Bowman 3.6, Combie South 1.5, Scotts Flat 0.875 and Combie North 0.5.

The District began producing power in 1966 with the completion of the \$65 million Yuba-Bear Hydroelectric Power Project. The project included the Chicago Park and Dutch Flat powerhouses. The Rollins powerhouse came onboard in 1980. To make use of existing water releases, small power plants came onboard during the 1980s at Bowman, Scotts Flat and Combie reservoirs. The District's North Auburn 80-kilowatt solar array came online in June 2005 to offset power cost at the North Auburn water treatment plant.

The District is completing requirements for a new Federal license that will govern the Yuba-Bear Hydroelectric Power Project hydroelectric operations for years to come. The District has a secure multi-year power sales agreement that markets the Project's energy production to the Pacific Gas & Electric Company.

Recreation Operation

The District provides outstanding outdoor recreational opportunities at District reservoirs in the foothills and mountains of the Northern Sierra. Popular Sierra foothill recreation activities at both Rollins and Scotts Flat reservoirs include camping, fishing, swimming, sunning, boating, waterskiing, sailing, and kayaking. Contracted private operators and District personnel operate campgrounds and beaches.

Scotts Flat is nestled among the tall pines at the 3,100-foot elevation, nine miles east of Nevada City via Highway 20 and Scotts Flat Road. It offers 190 campsites at two large campgrounds plus a group camp. Across the lake, accessible via Red Dog and Quaker Hill Roads from Nevada City, is the Cascade Shores Day Use Area.

Rollins Reservoir, located at the 2,100-foot elevation off Highway 174 between Grass Valley and Colfax, has four

NID operated campgrounds. Long Ravine, Greenhorn, Orchard Springs and Peninsula offer a combined 273 campsites and a complete range of services including stores, restaurants, fuel sales and rentals. The District proudly serves about 200,000 campers and day use visitors among its campgrounds.

The District's mountain campgrounds reside at Faucherie, Bowman and Jackson Meadows reservoirs. Nature, solitude, scenery and good fishing are among the attractions. The mountain campgrounds are normally snowed in during the winter and opened for recreation from Memorial Day through Labor Day. The District operates certain campgrounds located on United States Forest Service under permit.

Summary of District Operations:

- Customers: Approx. 25,000 (approx. 5,600 raw water & 19,500 treated water customers)
- Municipal customers: Grass Valley, Nevada City, City of Lincoln
- Number of Employees: Full-time equivalents: 208
- District Geographical Size: 287,000 acres
- Mountain Watershed: 70,000 acres
- Storage Capacity: 280,085 acre-feet
- Reservoirs: 9
- Water Treatment Plants: 6
- Storage Tanks: 45
- Hydroelectric Plants: 7
- Solar Array: 80 Kilowatt
- Recreation Sites: 12
- Canals: >500 miles
- Pipelines: 411 miles
- 2022 Combined Budget: \$78.2 million (excluding transfers)
 - Water Division: \$40.8 million
 - Hydroelectric Division: \$21.5 million
 - Recreation Division: \$2.8 million
 - Internal Services: \$13.1 million

Accounting System and Budgetary Controls

The District's accounting records use the accrual basis of accounting. Revenue recognition occurs when earned and expenses are recognized when incurred. The District has three separate enterprise activities and accounts for the financial transactions of the three enterprise operations separately.

The District staff works with the Finance Department to develop the annual budget. The process begins in June and department directors develop their budget requests needed to fulfill the District's mission, goals, and objectives for the next fiscal year. The Finance Department prepares the proposed budget and reviews it with the General Manager, making any necessary adjustments arising from that review. Then the Finance Director presents the General Manager's approved budget to the Board of Directors in October for their review. The Board adopts the budget in public hearing no later than December 31. The document is a management tool for projecting, measuring, and controlling revenues and expenses.

Factors Affecting Financial Condition

Economic Outlook

The District is located in Northern California and serves parts of Nevada, Placer, and Yuba Counties.

Nevada County

The estimated population figure for Nevada County is 101,242 with approximately 66% or 67,191 of the residents living in the unincorporated areas of the County. This is a .7% decrease from the prior year estimate of 101,919. The town of Truckee is the largest of the three cities within the County with 17,100 residents. The City of Grass Valley is the second largest city with a population of 13,617. Nevada City serves as the County seat with a population of 3,334.

The County's monthly labor force data from the State of California Employment Development Department shows total annual average labor force at 48,790 for 2022 which was an increase of 1280 from the 2021 figure. Nevada County's unemployment rate in 2022 was 4.2% which is an increase of 1.3% over the prior year. California's statewide rate was 4.1% for the same period. Statistics from the US Census Bureau as of October 27, 2022 shows the median household income within the County of Nevada is \$68,333. This is 13% lower than the California median household income of \$78,672.

The County had experienced a constant economic upcycle for 10 years. However, with the COVID-19 pandemic and restrictions placed on certain sectors within the County beginning in March of 2020, the unemployment rate has substantially increased in a tight labor market. Sales taxes experienced moderate growth during the FY 2021-22 year but is projected to be flat through 2024 based on the expectation of uncertainty and slow economic growth in the coming years. The County has realized an average property tax growth rate of 5.5% over the past 30 years. In fiscal year 2019-20 the property tax growth rate dipped below the average to 4.3% but rebounded to 7.1% in 2022-23. The real estate market cooled in the final quarter of 2022 and is projected in 2023-24 to return an average growth rate of 5.5%.

The real estate market appeared to steady with minor increases in median housing prices over the past year. The California Association of Realtors data showed the median residential property price in Nevada County for 2022 was \$618,608, up from \$609,532 the prior year which is less than a 1% increase.

Placer County

The 2022 estimated population figure for Placer County is 409,025 with approximately 28% or 112,687 of the residents living in the unincorporated areas of Placer County. This is a .4% increase from the 2020 estimate of 407,517. The town of Roseville is the largest of the six cities within the County with 151,034 residents. The City of Rocklin is the second largest city with a population of 71,663. Lincoln is the third largest city with a population of 51,252.

The County's monthly labor force data from the State of California Employment Development Department shows a total annual average labor force of 193,800 for 2022 which was an increase of 4,200 over the prior year. Placer County's unemployment rate in 2022 was 3.1% which is a decrease of 2.0% from 2021's unemployment rate of 5.1%. California's statewide rate was 4.1% for the same period. Placer County's 2022 unemployment rate was above the national level of 3.5% and below the state level of 4.1%. Average median household income increased to \$90,413, 7% above the state average of \$84,097

The housing market began to soften in April of 2022 ending the year with the declining housing sales and prices. The average sales price at year end was \$710,000, down from an earlier high of \$851,000 in April. The market began to rebound in early 2023 and continues to steadily climb. The average sales price for June of 2023 was \$786,000, an increase of 11% over the prior year-end. December of 2022 marked the lowest single family home sales of the year with 249 homes sold, in comparison to May's high of 536.

Property taxes continue to grow year over year and are estimated to increase an additional 7.7%, to \$12.7 million in

FY 2023-24. Sales and use taxes are also estimated to increase in the coming years, budgeted at \$31.7 million for FY 2023-24, an increase of 5% over 2023.

Yuba County

The 2022 estimated population figure for Yuba County is 82,275 with approximately 80% or 65,787 of the residents living in the unincorporated areas of Yuba County. This is a .4% increase from the 2020 estimate of 81,968. The town of Marysville is the County seat and one of California's most historic cities with 12,824 residents. The City of Wheatland has a population of 3,664.

The County's monthly labor force data from the State of California Employment Development Department shows a total annual average labor force for 2022 at 32,000 which was an increase of 600 from the 2021 figure. Yuba County's unemployment rate in 2022 was 5.50% which is a decrease of 3.1% from 2021's unemployment rate of 8.4%. California's statewide rate was 4.1% for the same period. Statistics from the US Census Bureau as of October 27, 2022, shows the median household income within the County of Yuba is \$59,424 (in 2020 dollars). This is 29% lower than the California median household income of \$84,097.

The County continues to expect growth. Discretionary revenues are anticipated to increase, specifically from the Measure K sales tax measure. The County has several development projects underway which are expected to spur growth in the County. Additionally, the County has secured Stated and Federal grants for infrastructure improvements to enhance beautification for the community and to better attract residential and commercial development.

Long-Term Financial Planning

In order to ensure funds are available to meet both operating and capital needs, the District will be undertaking a new financial planning process with development of a long-term capital improvement program that will be based on the Plan for Water Process. The Plan for Water Process is intended to define the District's water needs for a 50-year period. Once the Plan for Water is completed, the District will prepare a series of master plans for treated water, raw water and watershed to identify capital requirements for the next five-year period. Additionally, the District will be undertaking a new Proposition 218 process for the establishment of new water rates and a master capacity fee study in 2023.

Acknowledgements

Without the dedicated services of the entire Finance Department and other key Departmental staff, the preparation of this annual comprehensive financial report would be impossible. The continued support of the Board of Directors of the District in the planning and implementation of the financial systems is a critical component of the District's sustainability and resilience.

Sincerely,



Jennifer Hanson, General Manager

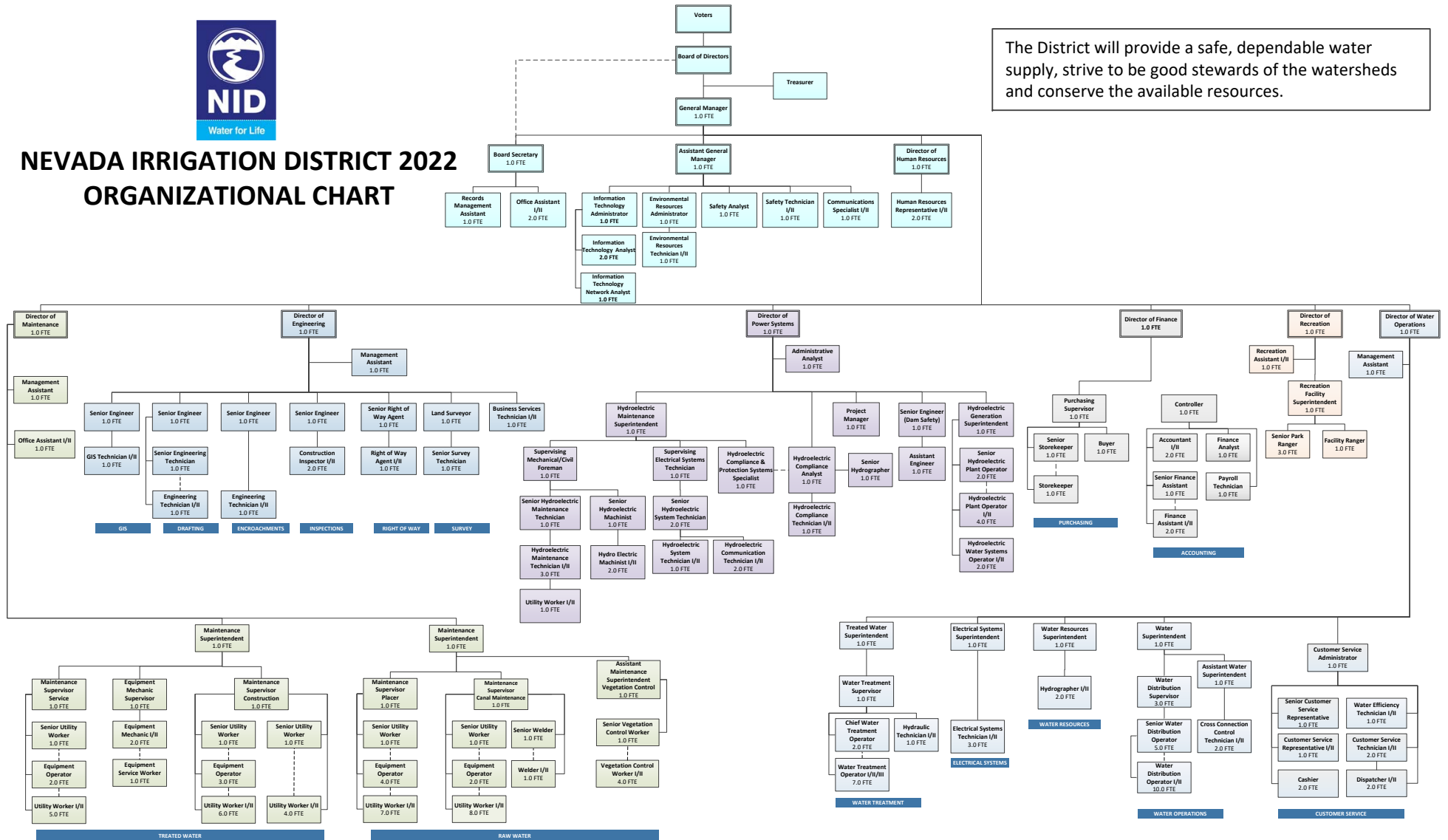


Sandra Dunlap, Finance Director



NEVADA IRRIGATION DISTRICT 2022 ORGANIZATIONAL CHART

The District will provide a safe, dependable water supply, strive to be good stewards of the watersheds and conserve the available resources.



Nevada Irrigation District

List of Elected and Appointed Officials December 31, 2022

Board of Directors – Elected Officials



Ricki Heck – Division I
12/2018 – 12/2022



Chris Bierwagen – Division II
12/2018 – 12/2022



Karen Hull – Division III
12/2020 – 12/2024



Laura Peters - Division IV
12/2018 – 12/2022



Rich Johansen – Division V
12/2020 – 12/2024

Staff – Appointed Officials

General Manager	Jennifer Hanson
Assistant General Manager	Gregory Jones, MBA
Finance Director	Sandra Dunlap
Engineering Director	Doug Roderick
Operations Director	Armon “Chip” Close, T5
Maintenance Director	Steve Prosser
Hydroelectric Director	Keane Sommers, P.E., MSC, QSP/QSD
Recreation Director	Monica Reyes
Board Secretary	Kris Stepanian, MBA
Human Resources Director.....	Naomi Schmitt



FINANCIAL SECTION





INDEPENDENT AUDITOR'S REPORT

To the Board of Directors
Nevada Irrigation District
Grass Valley, California

Report on the Audit of Financial Statements

Opinion

We have audited the accompanying financial statements of the business-type activities, each major fund and the aggregate remaining fund information of Nevada Irrigation District (the District) as of and for the year ended December 31, 2022, 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 business-type activities, each major fund and the aggregate remaining fund information of the District, as of December 31, 2022, and the respective changes in financial position, and, where applicable, cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the 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 the 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 and *Government 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 judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with generally accepted auditing standards and *Government Auditing Standards*, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the 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 judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the 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, pension related schedules and OPEB related schedules as listed in the table of contents 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.

Supplementary Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the District's basic financial statements. The accompanying capacity fee schedule, is presented for purposes of additional analysis and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the capacity fee schedule is fairly stated, in all material respects, in relation to the basic financial statements as a whole.

Other Information

Management is responsible for the other information included in the annual report. The other information comprises the introductory and statistical sections but does not include the basic financial statements and our auditor's report thereon. Our opinions on the basic financial statements do not cover the other information, and we do not express an opinion or any form of assurance thereon.

In connection with our audit of the basic financial statements, our responsibility is to read the other information and consider whether a material inconsistency exists between the other information and the basic financial statements, or the other information otherwise appears to be materially misstated. If, based on the work performed, we conclude that an uncorrected material misstatement of the other information exists, we are required to describe it in our report.

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated July 14, 2023, on our consideration of the District's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the District's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the District's internal control over financial reporting and compliance.



Sacramento, California
July 14, 2023

**NEVADA IRRIGATION DISTRICT
MANAGEMENT'S DISCUSSION & ANALYSIS
DECEMBER 31, 2022**

This section presents management's discussion and analysis of the Nevada Irrigation District's (the District) financial condition and activities as of and for the year ended December 31, 2022. The analysis serves as an introduction to the District's audited basic financial statements and complements the readers understanding of those financial statements.

ORGANIZATION AND BUSINESS

The Nevada Irrigation District (District or NID) is an independent California special district formed in 1921 under the State's California Water Code for the purpose of providing a water supply and operating a distribution system for domestic, municipal, industrial, and agricultural use. The District is a diversified water agency governed by a five-member Board of Directors elected by District voters. The Board is the District's policy-making body, while the District's General Manager, along with approximately 208 full-time, part-time and temporary employees implement policy. The District also generates renewable hydroelectric energy and provides outdoor recreation. Electric power is produced at various hydroelectric facilities and is sold to Pacific Gas and Electric Utility Company (PG&E) and Northern California Power Agency (NCPA) under various purchase agreements. Unique in many respects, NID collects water from its own high mountain watershed, operates a network of six water treatment plants, generates renewable hydroelectric energy, maintains in its water system 475 miles of canals and 411 miles of pipeline and provides outdoor recreation at the District's reservoirs to customers in Nevada, Placer and Yuba counties.

Today, the District serves 19,782 treated water connections and 5,237 irrigation water customers located within its 287,000-acreage boundary. The six water treatment plants have a peak capacity of 41.4 MGD (million gallons per day). About ninety percent of the District's average 120,000 acre-feet of raw water supplied per year is used for local irrigation. NID also generates electricity from seven power plants, which have a combined generation capacity of 82.2 megawatts. Finally, NID's mountain and foothill reservoirs provide recreational experiences, which are important economic attractions for the local tourism industry.

Financial Highlights

- The assets and deferred outflows of the District exceeded its liabilities and deferred inflows by \$474,185,626 (*net position*). Of this amount, \$430,162,905 represents the District's net investment in capital assets, \$9,476,697 is restricted for capacity expansion, improvements, and for debt service, and \$34,546,024 is unrestricted.
- The District increased its total net position in 2022 by \$10,870,008, a 2.35% increase over 2021 primarily due to the District's increased investment in capital assets as several construction projects for Water and Electric were completed during the year. Overall operating revenues decreased \$0.8 million largely due to reduced water sales from drought restrictions. The District's other non-operating revenues decreased \$4.0 million resulting from reductions in investment income, changing market conditions, which overshadowed the property tax revenue increase of \$1.4 million. The District includes two blended component units in its water fund financial statements, Cement Hill Community Facilities District and Rodeo Flat Assessment District. (See Note 3). Revenue from the blended component units is recorded under Special Assessments – Capital.
- The District's working capital, current assets of \$38,333,795 minus current liabilities of \$8,714,476 is a positive \$29,619,319, but significantly higher than 2021 by \$21.2 million primarily due to increased cash and cash equivalents (see Note 2 for full details). Accounts receivable increased by \$.8 million due to increase in property tax assessments.
- Investments of the District increased \$8.7 million, as idle cash sitting in the general funds were converted and invested in longer term investments. In January 2022, the District contracted with PFM Asset Management LLC and in April 2022 PFM began managing the investment portfolio.
- Operating expenses increased by \$3.6 million due in large part to the annual adjustment for OPEB and UAAL expenses.
- The District's Other Post-Employment Benefits (OPEB) liability is actuarially determined each year. This year, the liability increased by \$5.5 million for a liability of \$6.7 million recorded for the current year due to investment losses of \$3.3 million and an increase in health insurance premiums of approximately \$2.1 million. The District holds funding for the OPEB benefits in the California Employer's Retirees Benefit Trust (CERBT) administered by CalPERS. The District is not currently using trust assets to pay for retiree benefits. (See Note 9)

**NEVADA IRRIGATION DISTRICT
MANAGEMENT'S DISCUSSION & ANALYSIS (CONTINUED)
DECEMBER 31, 2022**

- During 2022, Nevada Irrigation District's total liabilities and deferred inflows increased by \$9.2 million with noncurrent liabilities posting a significant increase of \$20.9 million offset by deferred inflows posting a large decrease of \$(12.0) million. Contributing factors include changes to the actual versus expected experience for OPEB and pension valuations, increases in noncurrent liabilities were driven by a significant decrease in the net pension liability of \$14.1 million, a significant reduction in other post-employment benefits of \$3.6 million, and a long-term debt reduction of \$3.5 million from principal payments. Deferred inflows posted very large increases in pension and OPEB related to the net difference between projected and actual earnings on plan investments. Current liabilities decreased \$.8 million as mentioned previously.
- As more fully detailed in Note 12, the District's significant contractual obligations as of December 31, 2022 are \$1.6 million.

Overview of the District's Financial Statements

This discussion and analysis serves as an introduction to the Nevada Irrigation District's basic financial statements. The District's basic financial statements report information about the District using accounting methods like those used by companies in the private sector. The financial statements provide separate information for the water, electric, and recreation operations and the internal service fund. These financial statements include the following:

1. Fund financial statements and blended component units
2. Notes to the financial statements
3. Fiduciary fund financial statements

In addition to the basic financial statements, the report contains required supplementary information as well as a statistical section providing historical trends, demographic and selected operating indicators.

There are several different types of financial statements within the first components identified above:

The **Statement of Net Position** discloses the financial position of the District at a specific point in time, December 31, 2022. It reflects the assets and deferred outflows of resources of the District, its liabilities and deferred inflows of resources, and net position (equity). Assets and liabilities are listed in order of their estimated liquidity. Cash and other unrestricted assets readily convertible to cash are listed first. Capital assets consisting primarily of property, plant and equipment appear at the bottom of the list because of the distinctive nature of those items. The District's fiscal year is the calendar year of January 1st through December 31st.

Capital assets are presented on the statement of net position net of accumulated depreciation. Accumulated depreciation is the estimated reduction of value attributable to the wear and tear of assets caused by usage and the passage of time.

The **Statement of Revenues, Expenses and Changes in Net Position** discloses the results of operations over time, the year ended December 31, 2022. This statement reflects revenues earned (whether collected or not), and expenses incurred (whether paid or not) during the year.

This statement differs significantly from the statement of net position in that it discloses the activities of the District over the course of a year, and reconciles the net income of the District to its beginning and ending net position. The net earnings of the District flow into the net position of the District as reflected on the Statement of Revenues, Expenses and Changes in Net Position.

The **Statement of Cash Flows** combines aspects of both the statement of net position and the statement of revenues, expenses, and changes in net position detailing the sources of District receipts and uses of District disbursements.

The **Fiduciary Fund Statements** reflect the net position and changes in net position of fiduciary activities.

**NEVADA IRRIGATION DISTRICT
MANAGEMENT'S DISCUSSION & ANALYSIS (CONTINUED)
DECEMBER 31, 2022**

Notes to the financial statements

The notes provide additional information that is essential to a full understanding of the data provided in the financial statements. The notes provide a narrative description of certain items contained in the financial statements to enhance the understanding of those items. The notes to the financial statements commence on page 21 and conclude on page 48 of this report.

Other Information

In addition to the basic financial statements and accompanying notes, this report also presents certain *required supplementary information* concerning the District's progress in funding its pension and other post-employment benefit obligations. Required supplementary information is located on pages 49 - 55 of this report. In addition, the District has elected to present Government Code 66013 Capacity Fee Schedule on restricted fees as supplementary information on page 56.

Financial Analysis

As noted earlier, net position may serve over time as a useful indicator of the District's financial position. In the case of the District, assets and deferred outflows exceeded liabilities and deferred inflows by \$474,185,626 at the close of the fiscal year. (See Table 1)

By far the largest portion of the District's net position (90.72%), consists of its net investment in capital assets (e.g., land, buildings, machinery, and equipment). The District maintains these capital assets to provide excellent services to the citizens of its community and consequently are unavailable to cover liabilities.

**NEVADA IRRIGATION DISTRICT
MANAGEMENT'S DISCUSSION & ANALYSIS (CONTINUED)
DECEMBER 31, 2022**

**Table 1
Statements of Net Position**

	<u>2022</u>	<u>2021</u>	<u>Change</u>
<u>ASSETS</u>			
Current and other assets	\$ 133,203,309	\$ 124,325,101	\$ 8,878,208
Capital assets (net of accumulated depreciation)	<u>435,881,799</u>	<u>434,862,887</u>	<u>1,018,912</u>
Total Assets	<u>569,085,108</u>	<u>559,187,988</u>	<u>9,897,120</u>
<u>DEFERRED OUTFLOWS OF RESOURCES</u>			
Deferred outflows	<u>17,642,067</u>	<u>7,494,162</u>	<u>10,147,905</u>
TOTAL ASSETS AND DEFERRED OUTFLOWS	<u>586,727,175</u>	<u>566,682,150</u>	<u>20,045,025</u>
<u>LIABILITIES</u>			
Current liabilities	8,714,476	8,405,670	308,806
Long-term liabilities	<u>100,180,445</u>	<u>79,290,637</u>	<u>20,889,808</u>
Total Liabilities	<u>108,894,921</u>	<u>87,696,307</u>	<u>21,198,614</u>
<u>DEFERRED INFLOWS OF RESOURCES</u>			
Deferred inflows	<u>3,646,628</u>	<u>15,670,225</u>	<u>(12,023,597)</u>
Total Deferred Inflows	<u>3,646,628</u>	<u>15,670,225</u>	<u>(12,023,597)</u>
TOTAL LIABILITIES AND DEFERRED INFLOWS	<u>112,541,549</u>	<u>103,366,532</u>	<u>9,175,017</u>
<u>NET POSITION</u>			
Net investment in capital assets	430,162,905	392,120,277	38,042,628
Restricted for capacity expansion	8,865,517	8,865,517	-
Restricted for improvements	-	340,413	(340,413)
Restricted for debt service	611,180	611,180	-
Unrestricted	<u>34,546,024</u>	<u>61,378,231</u>	<u>(26,832,207)</u>
Net Position	<u>\$ 474,185,626</u>	<u>\$ 463,315,618</u>	<u>\$ 10,870,008</u>

The District's restricted net position of \$9,476,697 represents resources that are subject to statutory restrictions and debt service requirements. The unrestricted net position, \$34,546,024 serves to meet all short and long-term annual liabilities. Unrestricted cash and investments are at \$101.13 million with \$18.54 million in near term cash and \$82.59 million in longer term investments. The District's cash and investments are sufficient to meet the District's ongoing obligations to citizens and creditors consistent with prudent investment policy. At the end of the current fiscal year, the District was able to report positive balances in its net position and has been consistently positive for many years.

**NEVADA IRRIGATION DISTRICT
MANAGEMENT'S DISCUSSION & ANALYSIS (CONTINUED)
DECEMBER 31, 2022**

**Table 2
Statement of Revenues, Expenses and Changes in Net Position**

	<u>2022</u>	<u>2021</u>	<u>Change</u>
<u>OPERATING REVENUES</u>			
Water sales	\$ 28,216,392	\$ 30,927,958	\$ (2,711,566)
Electrical power sales	25,023,700	24,268,428	755,272
Recreation fees	2,189,353	2,109,000	80,353
Other revenue	<u>2,527,891</u>	<u>1,443,186</u>	<u>1,084,705</u>
Total Operating Revenue	<u>57,957,336</u>	<u>58,748,572</u>	<u>(791,236)</u>
<u>NONOPERATING REVENUES</u>			
Taxes and assessments	15,599,521	14,188,393	1,411,128
Investment income (loss)	(6,320,882)	(168,271)	(6,152,611)
Intergovernmental revenue	1,290,979	997,635	293,344
Gain (loss) on disposal of assets	129,628	(52,546)	182,174
Rents and leases	<u>453,148</u>	<u>190,165</u>	<u>262,983</u>
Total Non-Operating Revenues	<u>11,152,394</u>	<u>15,155,376</u>	<u>(4,002,982)</u>
TOTAL REVENUES	<u>69,109,730</u>	<u>73,903,948</u>	<u>(4,794,218)</u>
<u>OPERATING EXPENSES</u>			
Water	28,524,328	44,620,062	(16,095,734)
Electric	17,848,572	8,628,083	9,220,489
Recreation	3,943,364	2,563,914	1,379,450
Internal service	<u>9,066,863</u>	<u>-</u>	<u>9,066,863</u>
Total Operating Expenses	<u>59,383,127</u>	<u>55,812,059</u>	<u>3,571,068</u>
<u>NONOPERATING EXPENSES</u>			
Interest expense	<u>1,467,627</u>	<u>1,551,669</u>	<u>(84,042)</u>
Total Non-Operating Expenses	<u>1,467,627</u>	<u>1,551,669</u>	<u>(84,042)</u>
TOTAL EXPENSES	<u>60,850,754</u>	<u>57,363,728</u>	<u>3,487,026</u>
INCOME (LOSS) BEFORE CAPITAL CONTRIBUTIONS AND TRANSFERS	<u>8,258,976</u>	<u>16,540,220</u>	<u>(8,281,244)</u>
<u>CAPITAL CONTRIBUTIONS AND TRANSFERS</u>			
Facility capacity charges	864,344	1,564,981	(700,637)
Special assessments - capital	357,782	428,879	(71,097)
Other capital contributions & transfers	<u>270,632</u>	<u>1,740,656</u>	<u>(1,470,024)</u>
Total Transfers and Capital Contributions	<u>1,492,758</u>	<u>3,734,516</u>	<u>(2,241,758)</u>
CHANGE IN NET POSITION	<u>9,751,734</u>	<u>20,274,736</u>	<u>(10,523,002)</u>
NET POSITION - BEGINNING OF YEAR	463,315,617	443,040,882	20,274,735
PRIOR PERIOD ADJUSTMENT (NOTE 15)	<u>1,118,275</u>	<u>-</u>	<u>1,118,275</u>
NET POSITION - END OF YEAR	<u>\$ 474,185,626</u>	<u>\$ 463,315,618</u>	<u>\$ 10,870,008</u>

**NEVADA IRRIGATION DISTRICT
MANAGEMENT'S DISCUSSION & ANALYSIS (CONTINUED)
DECEMBER 31, 2022**

The District's total net position increased by \$9.8 million in 2022, \$10.5 million less than the \$20.3 million in the prior year. Total revenues of \$69.1 million outpaced total expenses of \$60.9 million by \$8.2 million, being driven by increases in both operating and nonoperating revenue despite increases in operating expenses and interest expense. The District saw decreased water sales and other revenue of \$0.8 million due to drought restrictions, along with decreased investment income of \$6.2 million resulting from changes in market conditions, generating a decrease in total revenue of \$4.8 million, despite the increase in taxes and assessments of \$1.4 million as previously noted. The District did incur an increase in expenses of \$3.5 million with an increase in operating expenses primarily due to increased long-term liabilities for both pension and OPEB based on valuations, coupled with a slight decrease in nonoperating expenses. This year's capacity fees and capital contributions were healthy, contributing \$1.5 million, a decrease over the prior year of \$2.2 million, to arrive at the change in net position of \$9.8 million.

Operating expenses increased in 2022 by \$3.6 million due to an increase in electric, recreation, and internal service operating expenses of \$19.7, resulting from two primary factors: salaries were adjusted to market and a cost of living increase was implemented in January 2022. In addition, an increase in expenses was realized for both pension and OPEB based on updated annual valuations. A one-time purchase of water for \$7 million accounted for the increase in water treatment expenses. New investments in infrastructure of \$39.2 million drove the increase in depreciation for several Water and Electric projects completed in 2022. The District received \$1.6 million in capacity fee charges as reflected in the Government Code 66013 report, which is \$181 thousand more than the prior year.

Capital Assets. The District's capital assets, net of accumulated depreciation, as of December 31, 2022 was \$435,881,799 as compared to \$434,862,887 for 2021. This investment in capital assets includes land, utility plants in service, recreation facilities, machinery and equipment and construction in progress. Nondepreciable capital assets increased by \$5.1 million with the completion and transfer of several Water and Electric capital projects in 2022 from Construction in Progress (CIP) to depreciable assets, contributing to the \$4.0 million increase this year in depreciable assets. Additional information on the District's capital assets is located under Note 4 to the basic financial statements.

Major capital asset categories include the following:

Major Capital Improvements

	<u>2022</u>	<u>2021</u>
Nondepreciable capital assets	\$ <u>141,003,111</u>	\$ <u>135,946,263</u>
Depreciable capital assets	510,185,911	503,050,908
Less: accumulated depreciation	<u>(215,307,223)</u>	<u>(204,134,284)</u>
Net depreciable capital assets	<u>294,878,688</u>	<u>298,916,624</u>
Net Capital Assets	<u>\$ 435,881,799</u>	<u>\$ 434,862,887</u>

Long-Term Liabilities. This year, the District had long-term liabilities outstanding (including the current portion) of \$103,415,723 comprised of net pension and OPEB liabilities, compensated absences, HRA liability, revenue bonds and state loans, an increase of \$20.0 million from the prior period. The primary reason for the increase is attributable to the rise in the pension and OPEB liabilities due to increased costs and changing market conditions. In addition, approximately \$3.0 million decrease is the payment of principal on the District's bonds and the state loan. (See Note 5 for additional information on long term liabilities.)

**NEVADA IRRIGATION DISTRICT
MANAGEMENT'S DISCUSSION & ANALYSIS (CONTINUED)
DECEMBER 31, 2022**

**Long-Term Liabilities and Total Debt
(Includes current portion)**

	<u>2022</u>	<u>2021</u>
Other postemployment benefits	\$ 6,683,624	\$ 1,218,028
Compensated absences	3,987,058	2,939,697
Health reimbursement arrangement (HRA)	862,332	688,746
Net pension liability	56,746,399	38,302,451
2016A Revenue bonds	17,960,000	19,966,507
2020A Revenue bonds	12,905,000	15,998,131
State of California loans	<u>4,271,310</u>	<u>4,259,440</u>
Total Outstanding	<u>\$ 103,415,723</u>	<u>\$ 83,373,000</u>

Economic Factors and Next Year's Rates

The District will initiate the rate setting process in 2023 for raw and treated water rates and will be required to prepare a new Proposition 218 rate increase notice for any proposed rate increase subsequent to 2023. It is anticipated that a water rate study will be completed in late 2023.

The District is also in the process of a comprehensive Capacity Charge Update to evaluate potential fee modifications and develop updated capacity charges designed to equitably recover the costs of District facilities and assets that benefit new development. Capacity charges will be designed to comply with the requirements of California Government Code Section 66013 which governs water and sewer capacity fees.

The District continues to make an investment in its relicensing efforts with the Federal Energy Regulatory Commission (FERC). The license allows the District to operate its Yuba-Bear hydroelectric facilities located primarily on the South Yuba and Bear rivers in Nevada and Placer counties. The permanent license expired on April 30, 2013. Currently, the District operates on annual licenses from FERC until issuance of the full license by the Commission. The District has expended approximately \$16.8 million through December 31, 2022 in relicensing efforts.

The District's 2022 budget considered the above results. The District adopts its budget in accordance with California Government Codes Section 53900 – 53901, Water Code Division 11 Section 20500 – 29978 and District policy and prudent practice.

Requests for Information

This financial report is designed to provide a general overview of the District's finances. Questions concerning any of the information in this report or requests for additional financial information can be directed to Finance Manager/Treasurer at 1036 West Main Street, Grass Valley, CA, 95945.

**NEVADA IRRIGATION DISTRICT
STATEMENT OF NET POSITION
DECEMBER 31, 2022**

	Business-type Activities				
	Water	Electric	Recreation	Total Enterprise Funds	Internal Service Fund
<u>ASSETS</u>					
Current assets					
Cash and cash equivalents (Note 2)	\$ 8,383,889	\$ 9,707,647	\$ 314,168	\$ 18,405,704	\$ 50,919
Accounts receivable	2,428,367	2,669,100	15,603	5,113,070	(389)
Interest receivable	51,339	15	4,315	55,669	-
Assessments receivable	8,822,491	-	-	8,822,491	-
Grants receivable	1,239,465	-	1,800	1,241,265	71,966
Inventory	2,257,381	331,580	3,115	2,592,076	-
Prepaid expenses and other current assets	194,731	229,552	14,458	438,741	1,466,509
Deposits	<u>75,774</u>	<u>-</u>	<u>-</u>	<u>75,774</u>	<u>-</u>
Total current assets	<u>23,453,437</u>	<u>12,937,894</u>	<u>353,459</u>	<u>36,744,790</u>	<u>1,589,005</u>
Noncurrent assets					
Restricted cash and cash equivalents (Note 2)	1,164,501	-	-	1,164,501	-
Restricted investments (Note 2)	8,707,212	-	-	8,707,212	-
Investments (Note 2)	28,491,832	52,530,809	849,216	81,871,857	716,977
Loans receivable	2,408,967	-	-	2,408,967	-
Capital assets					
Non-depreciable (Note 4)	57,946,810	55,155,642	27,900,659	141,003,111	-
Depreciable, net (Note 4)	<u>247,899,889</u>	<u>41,101,565</u>	<u>5,877,234</u>	<u>294,878,688</u>	<u>-</u>
Total capital assets	<u>305,846,699</u>	<u>96,257,207</u>	<u>33,777,893</u>	<u>435,881,799</u>	<u>-</u>
Total noncurrent assets	<u>346,619,211</u>	<u>148,788,016</u>	<u>34,627,109</u>	<u>530,034,336</u>	<u>716,977</u>
Total Assets	<u>370,072,648</u>	<u>161,725,910</u>	<u>34,980,568</u>	<u>566,779,126</u>	<u>2,305,982</u>
<u>DEFERRED OUTFLOWS OF RESOURCES</u>					
Pension plan (Note 8)	8,310,548	3,908,523	669,068	12,888,139	-
Other postemployment benefits (OPEB) plan (Note 9)	<u>3,883,252</u>	<u>96,126</u>	<u>774,550</u>	<u>4,753,928</u>	<u>-</u>
Total Deferred Outflows of Resources	<u>12,193,800</u>	<u>4,004,649</u>	<u>1,443,618</u>	<u>17,642,067</u>	<u>-</u>
Total Assets and Deferred Outflows of Resources	<u>\$ 382,266,448</u>	<u>\$ 165,730,559</u>	<u>\$ 36,424,186</u>	<u>\$ 584,421,193</u>	<u>\$ 2,305,982</u>

See accompanying notes to the basic financial statements.

**NEVADA IRRIGATION DISTRICT
STATEMENT OF NET POSITION (CONTINUED)
DECEMBER 31, 2022**

	Business-type Activities				
	Water	Electric	Recreation	Total Enterprise Funds	Internal Service Fund
<u>LIABILITIES</u>					
Current liabilities					
Accounts payable and other liabilities	\$ 798,644	\$ 525,954	\$ 22,396	\$ 1,346,994	\$ 305,045
Accrued payroll and benefits	494,267	134,862	18,769	647,898	137,874
Refundable deposits	812,448	-	354	812,802	-
Retention payable	393,161	2,500	-	395,661	-
Unearned revenue	397,566	-	18,000	415,566	-
Accrued interest payable	432,678	-	-	432,678	-
Compensated absences and HRA liability, due within one year (Note 5)	726,171	261,466	53,649	1,041,286	58,201
Long-term liabilities, due within one year (Note 5)	<u>3,120,471</u>	<u>-</u>	<u>-</u>	<u>3,120,471</u>	<u>-</u>
Total current liabilities	<u>7,175,406</u>	<u>924,782</u>	<u>113,168</u>	<u>8,213,356</u>	<u>501,120</u>
Noncurrent liabilities					
Compensated absences and HRA liability, net of current portion (Note 5)	1,788,080	643,797	160,338	2,592,215	58,201
Long-term liabilities, net of current portion (Note 5)	34,100,006	-	-	34,100,006	-
Net pension liability (Note 8)	35,035,227	18,573,096	3,138,076	56,746,399	-
Net OPEB liability (Note 9)	<u>5,536,497</u>	<u>155,794</u>	<u>991,333</u>	<u>6,683,624</u>	<u>-</u>
Total noncurrent liabilities	<u>76,459,810</u>	<u>19,372,687</u>	<u>4,289,747</u>	<u>100,122,244</u>	<u>58,201</u>
Total Liabilities	<u>83,635,216</u>	<u>20,297,469</u>	<u>4,402,915</u>	<u>108,335,600</u>	<u>559,321</u>
<u>DEFERRED INFLOWS OF RESOURCES</u>					
Deferred amount on refunding of debt (Note 6)	329,384	-	-	329,384	-
Pension plan (Note 8)	494,454	262,123	44,287	800,864	-
OPEB plan (Note 9)	<u>2,155,733</u>	<u>41,505</u>	<u>319,142</u>	<u>2,516,380</u>	<u>-</u>
Total Deferred Inflows of Resources	<u>2,979,571</u>	<u>303,628</u>	<u>363,429</u>	<u>3,646,628</u>	<u>-</u>

See accompanying notes to the basic financial statements.

**NEVADA IRRIGATION DISTRICT
STATEMENT OF NET POSITION (CONTINUED)
DECEMBER 31, 2022**

	Business-type Activities				
	Water	Electric	Recreation	Total Enterprise Funds	Internal Service Fund
<u>NET POSITION</u>					
Net investment in capital assets	300,439,022	95,945,991	33,777,892	430,162,905	-
Restricted for capacity expansion	8,865,517	-	-	8,865,517	-
Restricted for debt service	611,180	-	-	611,180	-
Unrestricted (Note 7)	<u>(14,264,058)</u>	<u>49,183,471</u>	<u>(2,120,050)</u>	<u>32,799,363</u>	<u>1,746,661</u>
Total Net Position	<u>295,651,661</u>	<u>145,129,462</u>	<u>31,657,842</u>	<u>472,438,965</u>	<u>1,746,661</u>
Total Liabilities, Deferred Inflows of Resources, and Net Position	<u>\$ 382,266,448</u>	<u>\$ 165,730,559</u>	<u>\$ 36,424,186</u>	<u>\$ 584,421,193</u>	<u>\$ 2,305,982</u>

See accompanying notes to the basic financial statements.

NEVADA IRRIGATION DISTRICT
STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN NET POSITION
FOR THE YEAR ENDED DECEMBER 31, 2022

	Business-type Activities				
	Water	Electric	Recreation	Total Enterprise Funds	Internal Service Fund
<u>OPERATING REVENUES</u>					
Water sales	\$ 28,216,392	\$ -	\$ -	\$ 28,216,392	\$ -
Electric power sales	-	25,023,700	-	25,023,700	-
Standby charges	145,150	-	-	145,150	-
Reimbursements	120,620	68,031	-	188,651	-
New connections and installations	1,019,482	-	-	1,019,482	-
Recreation fees	-	-	2,189,353	2,189,353	-
Other revenue	1,141,774	10,160	11,482	1,163,416	11,192
	<u>30,643,418</u>	<u>25,101,891</u>	<u>2,200,835</u>	<u>57,946,144</u>	<u>11,192</u>
Total operating revenues					
<u>OPERATING EXPENSES</u>					
Administration and general	54,934	15,784,791	3,648,267	19,487,992	9,066,863
Water treatment	8,875,055	-	-	8,875,055	-
Transmission and distribution	9,262,865	-	-	9,262,865	-
Pumping	1,352,940	-	-	1,352,940	-
Depreciation	8,978,534	2,063,781	295,097	11,337,412	-
	<u>28,524,328</u>	<u>17,848,572</u>	<u>3,943,364</u>	<u>50,316,264</u>	<u>9,066,863</u>
Total operating expenses					
Operating Income (Loss)	<u>2,119,090</u>	<u>7,253,319</u>	<u>(1,742,529)</u>	<u>7,629,880</u>	<u>(9,055,671)</u>
<u>NONOPERATING REVENUES (EXPENSES)</u>					
Tax and assessments	15,599,521	-	-	15,599,521	-
Investment income (loss)	(1,990,446)	(4,295,596)	(34,840)	(6,320,882)	-
Intergovernmental revenue	1,145,368	-	-	1,145,368	145,611
Rents and leases	365,383	-	87,765	453,148	-
Gain on disposal of capital assets	89,760	39,868	-	129,628	-
Interest expense	(1,465,524)	(71)	(16)	(1,465,611)	(2,016)
	<u>13,744,062</u>	<u>(4,255,799)</u>	<u>52,909</u>	<u>9,541,172</u>	<u>143,595</u>
Total nonoperating revenues (expenses)					
Income (Loss) Before Capital Contributions and Transfers	<u>15,863,152</u>	<u>2,997,520</u>	<u>(1,689,620)</u>	<u>17,171,052</u>	<u>(8,912,076)</u>
<u>CAPITAL CONTRIBUTIONS AND TRANSFERS</u>					
Facility capacity charges	864,344	-	-	864,344	-
Special assessments - capital	357,782	-	-	357,782	-
Other capital contributions	270,632	-	-	270,632	-
Transfers in	3,680,931	1,230,843	1,441,970	6,353,744	14,629,198
Transfers out	(9,327,688)	(6,585,888)	(1,098,905)	(17,012,481)	(3,970,461)
	<u>11,709,153</u>	<u>(2,357,525)</u>	<u>(1,346,555)</u>	<u>8,005,073</u>	<u>1,746,661</u>
Change in Net Position					

See accompanying notes to the basic financial statements.

NEVADA IRRIGATION DISTRICT
STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN NET POSITION (CONTINUED)
FOR THE YEAR ENDED DECEMBER 31, 2022

	Business-type Activities				
	Water	Electric	Recreation	Total Enterprise Funds	Internal Service Fund
Net Position - January 1, 2022	282,824,233	147,486,987	33,004,397	463,315,617	-
Prior Period Adjustment (Note 15)	<u>1,118,275</u>	<u>-</u>	<u>-</u>	<u>1,118,275</u>	<u>-</u>
Net Position - January 1, 2022, Restated	<u>283,942,508</u>	<u>147,486,987</u>	<u>33,004,397</u>	<u>464,433,892</u>	<u>-</u>
Net Position - December 31, 2022	<u>\$ 295,651,661</u>	<u>\$ 145,129,462</u>	<u>\$ 31,657,842</u>	<u>\$ 472,438,965</u>	<u>\$ 1,746,661</u>

See accompanying notes to the basic financial statements.

**NEVADA IRRIGATION DISTRICT
STATEMENT OF CASH FLOWS
FOR THE YEAR ENDED DECEMBER 31, 2022**

	Business-type Activities				
	Water	Electric	Recreation	Total Enterprise Funds	Internal Service Fund
<u>CASH FLOWS FROM OPERATING ACTIVITIES</u>					
Receipts from customers	\$ 31,830,326	\$ 24,805,865	\$ 2,208,152	\$ 58,844,343	\$ 11,581
Payments to suppliers	(10,820,065)	(3,184,982)	(1,060,831)	(15,065,878)	(5,432,195)
Payments to employees	(14,563,758)	(5,469,157)	(1,303,680)	(21,336,595)	(4,541,856)
Rents and leases	365,383	-	87,765	453,148	-
Net Cash Provided by (Used for) Operating Activities	6,811,886	16,151,726	(68,594)	22,895,018	(9,962,470)
<u>CASH FLOW FROM NONCAPITAL FINANCING ACTIVITIES</u>					
Assessments received	15,134,871	-	-	15,134,871	-
Intergovernmental revenues received	923,628	-	(1,800)	921,828	73,645
Amounts received/(paid) from/(to) other funds	(5,646,757)	(5,355,045)	343,065	(10,658,737)	10,658,737
Net Cash Provided by (Used for) Noncapital Financing Activities	10,411,742	(5,355,045)	341,265	5,397,962	10,732,382
<u>CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES</u>					
Acquisition of capital assets	(6,263,738)	(5,117,206)	(45,000)	(11,425,944)	-
Interest paid on long-term debt	(1,499,676)	-	-	(1,499,676)	-
Principal paid on long-term debt	(2,541,846)	-	-	(2,541,846)	-
Facility capacity charges received	864,344	-	-	864,344	-
Contributed capital	270,632	-	-	270,632	-
Proceeds from disposal of capital assets	85,570	96,928	6,277	188,775	-
Net Cash Provided by (Used for) Capital and Related Financing Activities	(9,084,714)	(5,020,278)	(38,723)	(14,143,715)	-
<u>CASH FLOWS FROM INVESTING ACTIVITIES</u>					
Investment earnings (expense)	(842,363)	507,685	6,993	(327,685)	(2,016)
Purchase of investments	(1,803,715)	(420,705)	(44,963)	(2,269,383)	(716,977)
Proceeds from sale of investments	1,317,616	3,550,541	-	4,868,157	-
Net Cash Provided by (Used for) Investing Activities	(1,328,462)	3,637,521	(37,970)	2,271,089	(718,993)
Net Increase in Cash and Cash Equivalents	6,810,452	9,413,924	195,978	16,420,354	50,919
Cash and Cash Equivalents - January 1, 2022	2,737,938	293,723	118,190	3,149,851	-
Cash and Cash Equivalents - December 31, 2022	\$ 9,548,390	\$ 9,707,647	\$ 314,168	\$ 19,570,205	\$ 50,919

See accompanying notes to the basic financial statements.

**NEVADA IRRIGATION DISTRICT
STATEMENT OF CASH FLOWS (CONTINUED)
FOR THE YEAR ENDED DECEMBER 31, 2022**

	Business-type Activities				
	Water	Electric	Recreation	Total Enterprise Funds	Internal Service Fund
<u>RECONCILIATION OF CASH AND CASH EQUIVALENTS TO THE STATEMENT OF NET POSITION</u>					
Unrestricted cash and cash equivalents	\$ 8,383,889	\$ 9,707,647	\$ 314,168	\$ 18,405,704	\$ 50,919
Restricted cash and cash equivalents	<u>1,164,501</u>	<u>-</u>	<u>-</u>	<u>1,164,501</u>	<u>-</u>
Cash and Cash Equivalents - December 31, 2022	<u>\$ 9,548,390</u>	<u>\$ 9,707,647</u>	<u>\$ 314,168</u>	<u>\$ 19,570,205</u>	<u>\$ 50,919</u>
<u>RECONCILIATION OF OPERATING INCOME (LOSS) TO NET CASH PROVIDED BY (USED FOR) OPERATING ACTIVITIES</u>					
Operating income (loss)	\$ 2,119,090	\$ 7,253,319	\$ (1,742,529)	\$ 7,629,880	\$ (9,055,671)
Adjustments to reconcile operating income (loss) to net cash Provided by (Used for) operating activities:					
Depreciation	8,978,534	2,063,781	295,097	11,337,412	-
Net change in deferred outflows and inflows	(15,837,214)	(5,007,998)	(1,302,647)	(22,147,859)	-
Rent and lease receipts	365,383	-	87,765	453,148	-
(Increase) decrease in:					
Accounts receivable	993,756	(296,026)	(9,779)	687,951	389
Inventory	(43,204)	25,138	1,317	(16,749)	-
Prepaid expenses and other current assets	1,269,409	101,306	11,153	1,381,868	(1,466,509)
Deposits	3,325	-	-	3,325	-
Loans receivable	(111,004)	-	-	(111,004)	-
Increase (decrease) in:					
Accounts payable	(728,031)	137,191	(36,270)	(627,110)	305,045
Accrued payroll and benefits	(29,804)	16,474	(5,601)	(18,931)	137,874
Refundable deposits	304,282	-	(267)	304,015	-
Retention payable	144,479	(57,246)	-	87,233	-
Unearned revenue	(126)	-	17,363	17,237	-
Compensated absences and HRA liability	(184,378)	169,138	20,298	5,058	116,402
Net pension liability	5,094,201	11,705,467	1,644,280	18,443,948	-
Net OPEB liability	<u>4,473,188</u>	<u>41,182</u>	<u>951,226</u>	<u>5,465,596</u>	<u>-</u>
Net Cash Provided by (Used for) Operating Activities	<u>\$ 6,811,886</u>	<u>\$ 16,151,726</u>	<u>\$ (68,594)</u>	<u>\$ 22,895,018</u>	<u>\$ (9,962,470)</u>

See accompanying notes to the basic financial statements.

**NEVADA IRRIGATION DISTRICT
STATEMENT OF CASH FLOWS (CONTINUED)
FOR THE YEAR ENDED DECEMBER 31, 2022**

	Business-type Activities				
	Water	Electric	Recreation	Total Enterprise Funds	Internal Service Fund
<u>NONCASH INVESTING, CAPITAL, AND FINANCING ACTIVITIES</u>					
Increase in fair value of investments	\$ (2,886,290)	\$ (4,803,367)	\$ -	\$ (7,689,657)	\$ -
Noncash capital contributions	-	92,446	-	92,446	-
Amortization of bond premiums and discounts	(461,754)	-	-	(461,754)	-
Deferred amount on refunding	329,384	-	-	329,384	-
Amortization of deferred amount on refunding	<u>(23,643)</u>	<u>-</u>	<u>-</u>	<u>(23,643)</u>	<u>-</u>
Total Non-Cash Investing, Capital, and Financing Activities	<u>\$ (3,042,303)</u>	<u>\$ (4,710,921)</u>	<u>\$ -</u>	<u>\$ (7,753,224)</u>	<u>\$ -</u>

See accompanying notes to the basic financial statements.

**NEVADA IRRIGATION DISTRICT
STATEMENT OF FIDUCIARY NET POSITION
DECEMBER 31, 2022**

	<u>Custodial Funds</u>
<u>ASSETS</u>	
Cash and cash equivalents (Note 2)	\$ <u>82,685</u>
Total Assets	<u>82,685</u>
<u>NET POSITION</u>	
Restricted for improvements	<u>82,685</u>
Total Net Position	<u><u>\$ 82,685</u></u>

See accompanying notes to the basic financial statements.

**NEVADA IRRIGATION DISTRICT
STATEMENT OF CHANGES IN FIDUCIARY NET POSITION
FOR THE YEAR ENDED DECEMBER 31, 2022**

	<u>Custodial Funds</u>
<u>ADDITIONS</u>	
Interest income	\$ <u>1</u>
Total Additions	<u>1</u>
<u>DEDUCTIONS</u>	
Distribution to District	<u>565,671</u>
Total Deductions	<u>565,671</u>
Change in Fiduciary Net Position	(565,670)
Fiduciary Net Position - January 1, 2022, Restated	<u>648,355</u>
Fiduciary Net Position - December 31, 2022	<u><u>\$ 82,685</u></u>

See accompanying notes to the basic financial statements.

**NEVADA IRRIGATION DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2022**

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

A. Reporting Entity

The Nevada Irrigation District (the District) was formed in 1921 under the Irrigation District Law, Division 11 of the State Water Code for the purpose of collecting, sorting and delivering irrigation water to farmers and ranches within the District. The District is governed by a five-member Board of Directors elected by District voters to four-year terms. The District's northerly boundary follows the South Fork of the Yuba river, the District's easterly boundary runs through the Scotts Flat, Rollins and Combie Reservoirs and the Auburn area in Placer County, the District's southerly boundary runs between the Auburn and Lincoln areas in Placer County and the westerly boundary runs north out of the Lincoln area in Placer County; and then follows the Nevada-Yuba county line. The District is currently headquartered in Grass Valley, California, which is approximately 60 miles northeast of Sacramento, California, and approximately 150 miles northeast of San Francisco, California.

Water supplied by the District originates in the snowpack at the upper reaches of the Middle and South Yuba River and in the natural flows of the Bear River, Deer Creek and several tributary systems. The District's rights to such water are varied, consisting of a combination of pre- and post-1914 State water rights. While originally created to provide raw water for irrigation purposes, the District has expanded its operations to include treatment and delivery of water for residential, municipal and industrial purposes and the generation of hydroelectricity. The District has the option to purchase additional water from the Pacific Gas and Electric Company ("PG&E"), subject to availability, under certain arrangements with PG&E.

The District currently encompasses approximately 287,000 acres and provides raw and treated water to approximately 25,000 customers in Nevada and Placer Counties (the "Counties") and in a small portion of Yuba County. The District's water system includes 9 storage reservoirs containing a capacity of approximately 280,085 acre-feet and approximately 475 miles of canal. Treated water facilities include six treatment plants, 43 storage tanks and reservoirs and approximately 411 miles of pipeline.

The District owns and operates seven hydroelectric powerhouses through several hydroelectric facilities that include (i) the Yuba-Bear Hydroelectric Project (FERC Project No. 2266) (the "Yuba-Bear FERC Project"), which includes the Rollins Development and the Bowman Development, (ii) the Combie Project, which consists of the Combie North Power Project and the Combie South Power Project, and (iii) the Scotts Flat Project.

The financial statements include the financial activities of the Nevada Irrigation District Joint Powers Authority (Authority), which was formed under a joint exercise of powers agreement (Agreement) between the District and the Independent Cities Finance Authority (ICFA). The Authority was established on November 1, 2011, to provide for the financing and refinancing of capital improvement projects of the District. The Authority is a component unit of the District because the District's Board of Directors serves as the Board of Directors of the Authority and the District is financially accountable for the Authority. The Agreement provides that the liabilities of the Authority do not constitute liabilities of the District or ICFA, but requires the District and Authority to indemnify the ICFA for any and all costs and liabilities arising directly or indirectly from the Authority's activities. The District has a residual interest with any property held by the Authority upon its dissolution. The Activity of the Authority is reported on a blended basis with the Water Fund. The Authority does not issue separate financial statements.

The District's financial statements also include Community Facilities District (CFD) No. 2007-1 (Cement Hill) and Assessment District (AD) 2008-1 (Rodeo Flat), which are separate special districts formed under the California Government Code. CFD No. 2007-1 and AD 2008-1 are considered blended component units of the District because the District's Board of Directors acts as the Board of Directors of, can impose its will on and has a financial benefit relationship with CFD No. 2007-1 and AD 2008-1. The special assessments collected from property owners within CFD No. 2007-1 and AD 2008-1 are to repay the District for capital improvements financed by the District. The activity of CFD No. 2007-1 and AD 2008-1 is reported on a blended basis with the Water Fund. CFD No. 2007-1 and AD 2008-1 do not issue separate financial statements.

B. Measurement Focus, Basis of Accounting and Presentation

The basic financial statements of the District have been prepared in conformity with generally accepted accounting principles as applied to government units. The Governmental Accounting Standards Board (GASB) is the accepted standard setting body for establishing governmental accounting and financial reporting principles. The District applies all applicable GASB pronouncements in its accounting and reporting.

The accounts of the District are organized and operated as proprietary funds consisting of three enterprise funds and one internal service fund and custodial funds. The operation of a fund is accounted for with a separate set of self-balancing accounts that comprise its assets, deferred outflows of resources, liabilities, deferred inflows of resources, net position, revenues and expenses.

**NEVADA IRRIGATION DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2022**

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Enterprise funds are used to account for operations that are financed and operated in a manner similar to private business enterprises, where the intent of the governing body is that the costs (expenses, including depreciation) of providing goods or services to the general public on a continuing basis be financed or recovered primarily through user charges.

Internal service funds are used to account for the financing of goods or services provided by one department to other departments on a cost-reimbursement basis.

Custodial funds are used to account for assets held by the District in a fiduciary capacity for improvement districts and retirees. The improvement districts were established to allow certain property owners to finance improvements incurred by the District. No resources have been collected by the Improvement Districts for several years and the assets of the Improvement Districts were distributed to the Water fund during the year ended December 31, 2022 as reimbursement for the completed projects. The financial activities of the custodial funds are excluded from the District-wide financial statements but are presented in separate Fiduciary Fund financial statements.

The financial statements of proprietary funds and fiduciary funds are reported using the economic resources measurement focus and the accrual basis of accounting. Revenues are recorded when earned and expenses are recorded at the time liabilities are incurred, regardless of when the related cash flows take place.

Non-exchange transactions, in which the District gives or receives value without directly receiving or giving equal value in exchange, include taxes, grants, entitlements, and donations. On the accrual basis, revenue from taxes is recognized in the fiscal year for which the taxes are levied or assessed. Revenue from grants, entitlements, and donations is recognized in the fiscal year in which all eligibility requirements have been satisfied.

The District may fund programs with a combination of cost-reimbursement grants, categorical block grants, and general revenues. Thus, both restricted and unrestricted net position may be available to finance program expenditures. The District's policy is to first apply restricted grant resources to such programs, followed by unrestricted resources if necessary. Restricted amounts are considered to have been spent when an expenditure is incurred for purposes for which both restricted and unrestricted fund balances are available.

Operating revenues and expenses consist of those revenues and expenses that result from the ongoing principal operations of the District. Operating revenues consist primarily of charges for services, connection and installation fees, electric power sales and recreation fees. Nonoperating revenues and expenses consist of those revenues and expenses that are related to financing and investing types of activities and result from nonexchange transactions or ancillary activities.

The District reports three major funds, Water, Electric, and Recreation, which are all accounted for as enterprise funds. The Water fund is used to account for the District's general water operations for both raw and treated water systems, the Electric fund is used to account for the District's hydroelectric operations, and the Recreation fund is used to account for the District's general recreation operations.

C. Cash and Cash Equivalents

For purposes of the statement of cash flows the District defines cash and cash equivalents to include all cash and temporary investments with original maturities of three months or less from the date of acquisition, including restricted assets, and all pooled deposits.

D. Restricted Assets

Certain capital expansion fees as well as certain resources set aside for debt repayment, improvements financed with special assessments, contract retention and unspent bond proceeds, are classified as restricted cash and investments because their use is legally restricted. Restricted cash and investments are not available for general operational expenses.

E. Investments

Investments are stated at fair value. Included in investment income (loss) is the net change in the fair value of investments, which consists of the realized gains or losses and the unrealized appreciation (depreciation) of those investments. Measurement of the fair value of investments is based upon quoted market prices.

**NEVADA IRRIGATION DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2022**

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

F. Accounts Receivable

Accounts receivable arise from billings to customers for water usage and certain improvements made to customers' property and billings to PG&E and other entities for electric power sales. The District determined that as of December 31, 2022, an allowance for doubtful accounts was not needed, as all amounts are considered collectible. The District also has loans receivable related to connection fees that are paid over a period of time by property owners.

G. Inventory

Inventories of materials and supplies are stated at the lower of average cost or net realizable value. Physical inventories are taken on a cycle basis each month throughout the year.

H. Prepaid Expenses

Prepaid expenses are for payments made by the District in the current year to provide services occurring in the subsequent fiscal year and mainly consisted of prepaid insurance at December 31, 2022.

I. Deposits

The District's deposits consist of funds held on account with various entities for several purposes. The deposits include funds held with the property management firm for the District's rental properties and tenants' deposits, Health Reimbursement Arrangement (HRA) claims administrator to process employee and retiree debit card HRA transactions and a deposit on the purchase of equipment.

J. Property and Equipment

Capital assets are stated at historical cost if purchased or constructed. The District capitalizes all assets with a historical cost of at least \$5,000 for machinery and equipment and \$75,000 for other projects. The cost of additions to utility plant and major replacements of property are capitalized. Capitalized costs include material, direct labor, transportation and such indirect items as engineering, supervision, and employee fringe benefits, if material. Contributed property is recorded at acquisition value at the date of donation. Repairs, maintenance and minor replacements of capital assets are expensed.

Capital assets are depreciated using the straight line method, which means the cost of the asset is divided by its expected useful life in years and the result is charged to expense each year until the asset is fully depreciated. The District's water rights and FERC license are intangible assets. The District has assigned the useful lives listed below to capital assets and intangible assets:

Description	Estimated Life
Land	N/A
Intangibles (rights, easements, licenses)	N/A
Buildings and structures	40 years
Equipment, tools, furniture	5 - 7 years
Vehicles	5 years
Infrastructure	50 - 100 years

K. Budgets and Budgetary Accounting

The District adopts an annual budget in December each year. The budget is subject to supplemental appropriations throughout its term in order to provide flexibility to meet changing needs and conditions. In accordance with Budget Amendment Policy 3100, the General Manager has authority up to \$600,000 to perform transfers, increases or decreases for a fiscal year (Level I). The Administrative Practices Committee has authority up to \$1,000,000 to perform transfers, increases or decreases for a fiscal year (Level II). The Board has authority to perform all amendments over these lower levels (Level III). All budget amendments authorizing additional full-time equivalents (FTE's) shall go before the full Board

**NEVADA IRRIGATION DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2022**

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

L. Property taxes

Nevada and Placer counties assess, bill, collect and apportion all property taxes for the District and remit "Teeter Plan" collections periodically. Taxes are assessed for each July 1 to June 30 fiscal year, payable in two equal installments due by November 1 and February 1 and become delinquent December 10 and April 10, each year. Taxes collected by the counties prior to January 1 and apportioned during January have been accrued by the District at year-end, as applicable.

M. Bond Discounts, Premiums, Issuance Costs and Deferred Amounts on Refunding

Bond discounts, premiums, and deferred amounts on refunding are deferred and amortized over the life of the bonds. Bonds payable are reported net of the applicable bond discounts and premiums. Deferred amounts on refunding are reported as deferred outflows of resources on the balance sheet. Issuance costs are expensed when paid.

N. Compensated Absences

The liability for employee accrued vacation, sick leave and compensatory time off (CTO) is computed annually at year-end, and the change in the liability is charged to expense in the applicable funds for that year. Based on the memorandum of understanding, employees earn eight hours of sick leave per month. Upon retirement, voluntary termination, or death, the District pays one-half of the number of days earned.

Employees accumulate vacation at varying rates depending on longevity. They are entitled to carry forward up to a maximum of 52 days accrued vacation depending on their individual annual accrual rate.

Based on the memorandum of understanding, at the sole discretion of the District, employees may convert annually, overtime hours equivalent to 160 hours of CTO. CTO accrual balances per employee may not exceed 80 hours.

O. Health Reimbursement Arrangement

The District provides a health reimbursement arrangement (HRA). Eligible participants are regular employees enrolled in a District offered health care plan, eligible dependents, and others as defined by the Nevada Irrigation District Health Reimbursement Arrangement. The District provides a certain medical benefit dollar amount per type of health insurance enrollment: employee only, employee plus one, or family. Employees choose their medical plan and the monthly benefit amount is applied to the medical plan premium. The difference between the benefit and the medical premium is either 1) deducted from pay if the premium is more than the benefit, or 2) contributed to the HRA if the benefit is greater than the premium. HRA benefits are extended to retirees. Eligible participants are allowed to submit qualifying medical care expenses (as defined by Internal Revenue Code 213(d)) for reimbursement. The District does not have a trust where the HRA assets are set aside for the benefit of employees. Consequently, the HRA assets are available to the District's creditors.

P. Pension Plan

For purposes of measuring the net pension liability and deferred outflows/inflows of resources related to the pension plan, and pension expense, information about the fiduciary net position of the District's California Public Employee's Retirement System (CalPERS) plan (Plan) and additions to/deductions from the Plan's fiduciary net position have been determined on the same basis as they are reported by CalPERS. 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.

Q. Other Postemployment Benefits (OPEB) Plan

For purposes of measuring the net OPEB liability, deferred outflows/inflows of resources and OPEB expense, information about the fiduciary net position of the plan held by CalPERS and additions to/deductions from the plan's fiduciary net position have been determined on the same basis as they are reported by the plan. For this purpose, the plan recognizes benefit payments when due and payable in accordance with the benefit terms. Investments, if applicable, are reported at fair value, except for money market investments and participating interest-earning investment contracts that have a maturity at purchase of one year or less, which are reported at cost.

**NEVADA IRRIGATION DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2022**

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

R. Deferred Outflows and Inflows of Resources

The statement of net position includes a separate section for deferred outflows and deferred inflows of resources. Deferred outflows of resources represent a consumption of net position by the government that is applicable to a future reporting period. Deferred inflows of resources represent an acquisition of net position that is applicable to a future reporting period. These amounts will not be recognized as an outflow of resources (expenditure/expense) or an inflow of resources (revenue) until the earnings process is complete. Deferred outflows and inflows of resources include amounts deferred related to the District's pension plan as described in Note 8 and OPEB Plan as described in Note 9.

S. Leases

A lease is defined as a contract that conveys control of the right to use another entity's nonfinancial asset (the underlying asset) as specified in the contract for a period of time in an exchange or exchange-like transaction. At the commencement of a lease, the District initially measures the lease receivable or lease payable at the present value of payments expected to be received or made during the lease term. When the initial measurement of the lease receivable or lease payable is greater than one percent of the capital assets of the applicable fund, the District records a lease receivable and corresponding deferred inflow of resources or lease payable and corresponding right-of-use asset. At December 31, 2022, the District had no leases that met the District's threshold.

T. Estimates

The preparation of the financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results may differ from those estimates.

U. Implementation of Government Accounting Standards Board Statements

Effective January 1, 2022, the District implemented the following accounting and financial reporting standards:

Governmental Accounting Standards Board Statement No. 87

In June 2017, GASB issued Statement No. 87, *Leases*. This Statement increases the usefulness of governments' financial statements by requiring recognition of certain lease assets and liabilities for leases that previously were classified as operating leases and recognized as inflows of resources or outflows of resources based on the payment provisions of the contract. Under this Statement, a lessee is required to recognize a lease liability and an intangible right-to-use lease asset, and a lessor is required to recognize a lease receivable and a deferred inflow of resources, thereby enhancing the relevance and consistency of information about governments' leasing activities. As part of the implementation of the Statement, the District reviewed its inventory of leases and determined that none met the District's established threshold for recording leases under this Statements. There was no impact to the District's financial position as a result of adoption.

Government Accounting Standards Board Statement No. 89

In June 2018, GASB issued Statement No. 89, *Accounting for Interest Cost Incurred before the End of a Construction Period*. This statement requires interest costs incurred before the end of a construction period to be recorded as an expenditure in the applicable period. As a result, interest cost incurred before the end of a construction period will not be included in the historical cost of a capital asset reported in a business-type activity or enterprise fund. There was no impact to the District's financial position as a result of adoption.

Governmental Accounting Standards Board Statement No. 91

In May 2019, GASB issued Statement No. 91, *Conduit Debt Obligations*. The primary objectives of the Statement are to provide a single method of reporting conduit debt obligations by issuers and eliminate diversity in practice associated with (1) commitments extended by issuers, (2) arrangements associated with conduit debt obligations, and (3) related note disclosures. The Statement clarifies the existing definition of a conduit debt obligation; establishes that a conduit debt obligation is not a liability of the issuer; establishes standards for accounting and financial reporting of additional commitments and voluntary commitments extended by issuers and arrangements associated with conduit debt obligations; and improves required note disclosures. There was no impact to the District's financial position as a result of adoption.

**NEVADA IRRIGATION DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2022**

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Government Accounting Standards Board Statement No. 92

In January 2020, GASB issued Statement No. 92, Omnibus 2020. The primary objectives of this Statement are to enhance comparability in accounting and financial reporting and to improve the consistency of authoritative literature by addressing practice issues that have been identified during implementation and application of certain GASB Statements. There was no impact to the District's financial position as a result of adoption.

Government Accounting Standards Board Statement No. 93

In March 2020, GASB issued Statement No. 93, Replacement of Interbank Offered Rates. The primary objective of this Statement is to address accounting and financial reporting implications that result from the replacement of an interbank offered rate (IBOR). There was no impact to the District's financial position as a result of adoption.

Governmental Accounting Standards Board Statement No. 97

In June 2020, GASB issued Statement No. 97, *Certain Component Unit Criteria, and Accounting and Financial Reporting for Internal Revenue Code Section 457 Deferred Compensation Plans an Amendment of GASB Statements No. 14 and No. 84, and a Supersession of GASB Statement No. 32*. The primary objectives of this Statement are to (1) increase consistency and comparability related to the reporting of fiduciary component units in circumstances in which a potential component unit does not have a governing board and the primary government performs the duties that a governing board typically would perform; (2) mitigate costs associated with the reporting of certain defined contribution pension plans, defined contribution other postemployment benefit (OPEB) plans, and employee benefit plans other than pension plans or OPEB plans (other employee benefit plan) as fiduciary component units in fiduciary fund financial statements; and (3) enhance the relevance, consistency, and comparability of the accounting and financial reporting for Internal Revenue Code (IRC) Section 457 deferred compensation plans (Section 457 plans) that meet the definition of a pension plan and for benefits provided through those plan. There was no impact to the District's financial position as a result of adoption.

V. Future Government Accounting Standards Board Statements

These statements are not effective until January 1, 2023 or later and may be applicable for the District. However, the District has not determined what impact, if any, these pronouncements will have on the financial statements.

Governmental Accounting Standards Board Statement No. 94

In March 2020, GASB issued Statement No. 94, *Public-Private and Public-Public Partnerships and Availability Payment Arrangements*. The primary objective of this Statement is to improve financial reporting by addressing issues related to public-private and public-public partnership arrangements (PPPs). A PPP is an arrangement in which a government (the transferor) contracts with an operator (a governmental or nongovernmental entity) to provide public services by conveying control of the right to operate or use a nonfinancial asset, such as infrastructure or other capital assets (the underlying PPP asset), for a period of time in an exchange or exchange-like transaction. This Statement also provides guidance for accounting and financial reporting for availability payment arrangements (APAs). An APA is an arrangement in which a government compensates an operator for services that may include designing, constructing, financing, maintaining, or operating an underlying nonfinancial asset for a period of time in an exchange or exchange-like transaction. The District has not determined what impact, if any, this pronouncement will have on the financial statements. The requirements of this Statement are effective for the District's fiscal year ending December 31, 2023.

Governmental Accounting Standards Board Statement No. 96

In May 2020, GASB issued Statement No. 96, *Subscription-Based Information Technology Arrangements (SBITA)*. This Statement 1) defines the term SBITA; 2) establishes that a SBITA results in a right-to-use subscription asset-an intangible asset-and a corresponding subscription liability; 3) provides the capitalization criteria for outlays other than subscription payments, including implementation costs of a SBITA; and 4) requires note disclosures regarding a SBITA. To the extent relevant, the standards for SBITA are based on the standards established in Statement No. 87, Leases, as amended. The District has not determined what impact, if any, this pronouncement will have on the financial statements. The requirements of this statement are effective for the District's fiscal year ending December 31, 2023.

**NEVADA IRRIGATION DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2022**

NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Governmental Accounting Standards Board Statement No. 99

In April 2022, GASB issued Statement No. 99, Omnibus 2022. The primary objectives of the Statement are to enhance comparability in accounting and financial reporting and to improve the consistency of authoritative literature by addressing (1) practice issues that have been identified during implementation and application of certain GASB Statements and (2) accounting and financial reporting for financial guarantees. The District has not determined what impact, if any, this pronouncement will have on the financial statements. The requirements of this statement related to leases, PPPs, and SBITAs are effective for the District's fiscal year ending December 31, 2023 and the requirements related to financial guarantees and the classification and reporting of derivative instruments within the scope of Statement No. 53 are effective for the District's fiscal year ending December 31, 2024.

Governmental Accounting Standards Board Statement No. 100

In June 2022, GASB issued Statement No. 100, *Accounting Changes and Error Corrections - an Amendment of GASB Statement No. 62*. The primary objective of the Statement is to enhance accounting and financial reporting requirements for accounting changes and error corrections to provide more understandable, reliable, relevant, consistent, and comparable information for making decisions or assessing accountability. The requirements of this statement are effective for the District's fiscal year ending December 31, 2024.

Governmental Accounting Standards Board Statement No. 101

In June 2022, GASB issued Statement No. 101, *Compensated Absences*. The primary objective of this Statement is to better meet the information needs of financial statement users by updating the recognition and measurement guidance for compensated absences by aligning the recognition and measurement guidance under a unified model and amending certain previously required disclosures. The requirements of this statement are effective for the District's fiscal year ending December 31, 2024.

**NEVADA IRRIGATION DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2022**

NOTE 2: CASH AND INVESTMENTS

Cash and investments as of December 31, 2022 were reported in the financial statements as follows:

Water	\$ 46,747,434
Electric	62,238,456
Recreation	1,163,384
Internal service	<u>767,896</u>
Total Business-type Activities	<u>110,917,170</u>
Custodial fund	<u>82,685</u>
Total Cash and Investments	<u>\$ 110,999,855</u>

Cash and investments as of December 31, 2022 consisted of the following:

Cash and cash equivalents:

Unrestricted:	
Cash on hand	\$ 4,756
Unrestricted deposits in financial institutions	<u>18,534,552</u>
Total unrestricted cash and cash equivalents	<u>18,539,308</u>
Restricted:	
Restricted deposits in financial institutions	<u>1,164,501</u>
Total restricted cash and cash equivalents	<u>1,164,501</u>
Total cash and cash equivalents	<u>19,703,809</u>

Investments:

Unrestricted:	
Investments in Local Agency Investment Fund (LAIF)	1,949,074
U.S. Agency securities	76,940,325
Negotiable certificates of deposit	1,129,545
Medium term corporate notes	<u>2,569,890</u>
Total unrestricted investments	<u>82,588,834</u>
Restricted:	
Investments in Local Agency Investment Fund (LAIF)	<u>8,707,212</u>
Total restricted investments	<u>8,707,212</u>
Total investments	<u>91,296,046</u>
Total cash and investments	<u>\$ 110,999,855</u>

**NEVADA IRRIGATION DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2022**

NOTE 2: CASH AND INVESTMENTS (CONTINUED)

Investments Authorized by the California Government Code and the District's Investment Policy

The District's investment policy and the California Government Code allow the District to invest in the following, provided the credit ratings of the issuers are acceptable to the District and approved percentages and maturities are not exceeded. The table below identifies the investment types that are authorized for the District by the California Government Code (or the District's investment policy, where more restrictive). The table does not address investments of debt proceeds held by bond trustee that are governed by the provisions of the debt agreement and not the provisions of the California Government Code or the District's investment policy.

<u>Authorized Investment Type</u>	<u>Maximum Maturity</u>	<u>Minimum Credit Quality</u>	<u>Maximum Percentage of Portfolio</u>	<u>Maximum Investment in One Issuer</u>
U.S. Treasury obligations	5 Years	N/A	None	None
U.S. Agency securities	5 Years	N/A	None	None
Collateralized mortgage obligations	5 Years	N/A	None	None
Bankers' acceptances	180 days	N/A	40%	30%
Commercial paper	270 days	A-1	25%	10%
Negotiable certificates of deposit	5 Years	A	30%	30%
Local Agency Investment Fund (LAIF)	N/A	N/A	None	\$75,000,000
Municipal bonds	5 Years	A	30%	30%
Medium term corporate notes	5 Years	A	30%	30%
Money market mutual funds	N/A	AAA	15%	15%
Mortgage pass-through security	5 Years	A	20%	20%

Investments Authorized by Debt Agreements

Investment of debt proceeds held by bond trustee are governed by provisions of the debt agreements, rather than the general provisions of the California Government Code or the District's investment policy. The debt agreements contain certain provisions that address interest rate risk, credit risk, and concentration of credit risk. The permitted investments, maximum percentage of the portfolio and maximum investment in one issuer specified in debt agreements are identical to the table above with the exception of debt agreements not allowing investments in repurchase agreements. In addition, the debt agreements require obligations of the Federal National Mortgage Association, the Federal Home Loan Mortgage Corporation, and money market mutual funds to be rated AAA by the applicable national statistical rating agency.

Interest Rate Risk

Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of an investment. Generally, the longer the maturity of an investment, the greater the sensitivity of its fair value to changes in market interest rates. The District generally manages its interest rate risk by holding investments to maturity.

Information about the sensitivity of the fair values of the District's investments (including investments held by bond trustees) to market interest rate fluctuations is provided by the following table that shows the distribution of the District's investments by maturity as of December 31, 2022:

<u>Investment Type</u>	<u>Interest Rates</u>	<u>Investment Maturities (in years)</u>			
		<u>Fair Value</u>	<u>Less than 1</u>	<u>1-2</u>	<u>3-5</u>
LAIF	Variable	\$ 10,656,286	\$ 10,656,286	\$ -	\$ -
U.S. Agency securities	.32% - 1.13%	76,940,325	10,108,490	28,098,045	38,733,790
Negotiable certificates of deposit	.65% - 1.15%	1,129,545	-	467,720	661,825
Medium term corporate notes	1.20%	2,569,890	-	-	2,569,890
		<u>\$ 91,296,046</u>	<u>\$ 20,764,776</u>	<u>\$ 28,565,765</u>	<u>\$ 41,965,505</u>

**NEVADA IRRIGATION DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2022**

NOTE 2: CASH AND INVESTMENTS (CONTINUED)

Credit Risk

Generally, credit risk is the risk that an issuer of an investment will not fulfill its obligation to the holder of the investment. This is measured by the assignment of a rating by a nationally recognized statistical rating organization. Presented below is the minimum rating required by (where applicable) the California Government Code, the District's investment policy, or debt agreements, and the actual rating as of December 31, 2022 for each investment type.

Investment Type	Total	Ratings as of fiscal year end		
		Minimum Legal Rating	Moody's	S&P
LAIF	\$ 10,656,286	N/A	Not rated	Not rated
U.S. Agency securities	71,123,805	N/A	Aaa	AA+
U.S. Agency securities	5,816,520	N/A	Aaa	N/A
Negotiable certificates of deposit	454,363	A	N/A	Not rated
Negotiable certificates of deposit	675,182	A	Not rated	Not rated
Medium term corporate notes	2,569,890	A	A1	A-
	<u>\$ 91,296,046</u>			

Concentration of Credit Risk

Concentration of credit risk is the risk of loss attributed to the magnitude of an investor's investment in a single issuer. To limit this risk, the District places a limit on the amount that can be invested in any one issuer to the amount stipulated by the California Government Code. As of December 31, 2022, the District had the following investments which each represented more than 5% of its total investment in any one issuer (other than U.S. Treasury obligations, mutual funds, and external investment pools):

Issuer	Investment Type	Amount	%
FHLMCMTN	U.S. Agency security	\$ 5,816,520	6 %
Federal Farm Credit Bank	U.S. Agency security	\$ 23,054,515	25 %
Federal Home Loan Bank	U.S. Agency security	\$ 48,069,290	53 %

Custodial Credit Risk

Custodial credit risk for deposits is the risk that, in the event of the failure of a depository financial institution, a government will not be able to recover its deposits or will not be able to recover collateral securities that are in the possession of an outside party. The custodial credit risk for investments is the risk that, in the event of the failure of the counterparty (e.g., broker-dealer) to a transaction, a government will not be able to recover the value of its investment or collateral securities that are in the possession of another party. The California Government Code and the District's investment policy do not contain legal or policy requirements that would limit the exposure to custodial credit risk for deposits, other than the following provision for deposits: the California Government Code requires that a financial institution secure deposits made by state or local governmental units by pledging securities in an undivided collateral pool held by a depository regulated under state law (unless so waived by the governmental unit). The fair value of the pledged securities in the collateral pool must equal at least 110% of the total amount deposited by the public agencies. California law also allows financial institutions to secure public agency deposits by pledging first trust deed mortgage notes having a value of 150% of the secured public deposits.

At December 31, 2022, the carrying amount of the District's deposits was \$19,703,809 and the balance in financial institutions was \$20,688,980. Of the balance in financial institutions, \$1,102,836 was covered by federal depository insurance and \$19,586,144 was collateralized by securities pledged by the financial institution.

**NEVADA IRRIGATION DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2022**

NOTE 2: CASH AND INVESTMENTS (CONTINUED)

Investment in LAIF

The District is a voluntary participant in LAIF that is regulated by the California Government Code under the oversight of the Treasurer of the State of California. This fund is not registered with the Securities and Exchange Commission as an investment company, but is required to invest according to California State Code. Participants in the pool include voluntary and involuntary participants, such as special districts and school districts for which there are legal provisions regarding their investments. The Local Investment Advisory Board (Board) has oversight responsibility for LAIF. The Board consists of five members as designated by State Statute. The fair value of the District's investment in this pool is reported in the accompanying financial statements at amounts based upon the District's pro rata share of the fair value provided by LAIF for the entire portfolio (in relation to the amortized cost of that portfolio). The balance available for withdrawal is based on the accounting records maintained by LAIF, which is recorded on an amortized cost basis.

Investment Valuation

The District categorizes the fair value measurements of its investments based on the hierarchy established by generally accepted accounting principles. The fair value hierarchy, which has three levels, is based on the valuation inputs used to measure an asset's fair value: Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; Level 3 inputs are significant unobservable inputs. The District does not have any investments that are measured using Level 1 and 3 inputs.

Following is a description of the valuation methodologies used to estimate the fair value of investments. There have been no changes in the valuation techniques used at December 31, 2022. The methods described may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while District management believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

U.S. Agency securities, Negotiable Certificates of Deposit, and Medium Term Corporate Notes: Fair values are based pricing models based in market data, such as matrix or model pricing from outside pricing services. These valuation techniques include matrix pricing, market corroborated pricing, inputs such as yield curves and indices and reference data including market research publications.

The following table sets forth by level, within the fair value hierarchy, the District's assets at fair value as of December 31, 2022.

	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
LAIF	\$ -	\$ -	\$ -	\$ 10,656,286
U.S Agency securities	-	76,940,325	-	76,940,325
Negotiable certificates of deposit	-	1,129,545	-	1,129,545
Medium term corporate notes	-	<u>2,569,890</u>	-	<u>2,569,890</u>
Total assets at fair value	<u>\$ -</u>	<u>\$ 80,639,760</u>	<u>\$ -</u>	<u>\$ 91,296,046</u>

NOTE 3: AMOUNTS DUE FROM CFD 2007-1 AND AD 2008-1

At December 31, 2022, the District had the following amounts due from Community Facilities District (CFD) 2007-1 (Cement Hill) and Assessment District (AD) 2008-1 (Rodeo Flat):

CFD 2007-1 (Cement Hill)	\$ 1,992,598
AD 2008-1 (Rodeo Flat)	<u>359,700</u>
Total	<u>\$ 2,352,298</u>

**NEVADA IRRIGATION DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2022**

NOTE 3: AMOUNTS DUE FROM CFD 2007-1 AND AD 2008-1 (CONTINUED)

The \$1,992,598 due from CFD 2007-1 represents the CFD's share of the State loan used to finance the construction of the Cement Hill pump zone extension. The CFD is responsible for approximately half of the repayment of this loan. The full amount of the State loan is reflected as a liability in the Water fund. The \$359,700 due from AD 2008-1 represents the AD's share of the 2008 Rodeo Flat Improvement Bonds used to finance certain water system improvements made by the District in the Rodeo Flat area. Because the CFD and AD are considered blended component units of the District, the amounts due to the District and the liabilities in CFD 2007-1 and AD 2008-1 are eliminated with a consolidating entry and the amounts are not reported in the Water fund. However, the amounts represent long-term liabilities from the property owners within CFD 2007-1 and AD 2008-1 to the District financed with special tax assessments.

NOTE 4: CAPITAL ASSETS

Capital asset activity for the year ended December 31, 2022 was as follows:

	January 1, 2022	Additions	Retirements	Adjustments and Transfers	December 31, 2022
Water Fund					
Capital assets not being depreciated					
Land	\$ 21,924,379	\$ -	\$ -	\$ 883,547	\$ 22,807,926
Bear River water rights	681,644	-	-	-	681,644
Construction in progress	<u>32,266,585</u>	<u>5,508,083</u>	<u>(65,874)</u>	<u>(3,251,554)</u>	<u>34,457,240</u>
Total capital assets not being depreciated	<u>54,872,608</u>	<u>5,508,083</u>	<u>(65,874)</u>	<u>(2,368,007)</u>	<u>57,946,810</u>
Capital assets being depreciated					
Water plant in service	311,294,748	288,842	-	1,993,028	313,576,618
Electric plant in service	222,672	-	-	-	222,672
Structures and improvements	17,609,539	-	-	1,718,538	19,328,077
Dams and reservoirs	42,765,011	-	-	211,768	42,976,779
General equipment	10,762,701	466,781	(95,618)	-	11,133,864
Transportation equipment	<u>7,393,950</u>	<u>-</u>	<u>(360,212)</u>	<u>(321,816)</u>	<u>6,711,922</u>
Total capital assets being depreciated	<u>390,048,621</u>	<u>755,623</u>	<u>(455,830)</u>	<u>3,601,518</u>	<u>393,949,932</u>
Less accumulated depreciation:					
Water plant in service	(113,848,456)	(6,718,840)	-	-	(120,567,296)
Electric plant in service	(31,174)	(4,453)	-	-	(35,627)
Structures and improvements	(3,761,863)	(468,109)	-	(437,052)	(4,667,024)
Dams and reservoirs	(9,721,615)	(439,838)	-	-	(10,161,453)
General equipment	(5,901,759)	(781,511)	92,160	-	(6,591,110)
Transportation equipment	<u>(4,036,006)</u>	<u>(565,783)</u>	<u>343,974</u>	<u>230,282</u>	<u>(4,027,533)</u>
Total accumulated depreciation	<u>(137,300,873)</u>	<u>(8,978,534)</u>	<u>436,134</u>	<u>(206,770)</u>	<u>(146,050,043)</u>
Total capital assets being depreciated, net	<u>252,747,748</u>	<u>(8,222,911)</u>	<u>(19,696)</u>	<u>3,394,748</u>	<u>247,899,889</u>
Capital assets, net	<u>\$ 307,620,356</u>	<u>\$ (2,714,828)</u>	<u>\$ (85,570)</u>	<u>\$ 1,026,741</u>	<u>\$ 305,846,699</u>

**NEVADA IRRIGATION DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2022**

NOTE 4: CAPITAL ASSETS (CONTINUED)

	January 1, 2022	Additions	Retirements	Transfers	December 31, 2022
Electric Fund					
Capital assets not being depreciated					
Land	\$ 45,774,848	\$ -	\$ -	\$ 464,575	\$ 46,239,423
Power rights	1,568,942	-	-	-	1,568,942
Construction in progress	<u>5,822,929</u>	<u>4,727,335</u>	<u>(85,297)</u>	<u>(3,117,690)</u>	<u>7,347,277</u>
Total capital assets not being depreciated	<u>53,166,719</u>	<u>4,727,335</u>	<u>(85,297)</u>	<u>(2,653,115)</u>	<u>55,155,642</u>
Capital assets being depreciated					
Electric plant in service	53,904,322	-	-	898,675	54,802,997
Bowman power project	2,887,922	-	-	-	2,887,922
Structures and improvements	4,984,473	-	-	-	4,984,473
Dams and reservoirs	30,465,575	-	-	1,754,441	32,220,016
General equipment	4,410,783	225,325	(5,141)	-	4,630,967
Transportation equipment	<u>2,064,808</u>	<u>164,545</u>	<u>(171,915)</u>	<u>126,554</u>	<u>2,183,992</u>
Total capital assets being depreciated	<u>98,717,883</u>	<u>389,870</u>	<u>(177,056)</u>	<u>2,779,670</u>	<u>101,710,367</u>
Less accumulated depreciation:					
Electric plant in service	(36,362,111)	(948,519)	-	-	(37,310,630)
Bowman power project	(2,177,800)	(54,625)	-	-	(2,232,425)
Structures and improvements	(2,562,018)	(128,033)	-	-	(2,690,051)
Dams and reservoirs	(14,636,886)	(377,758)	-	-	(15,014,644)
General equipment	(1,879,064)	(351,198)	1,650	-	(2,228,612)
Transportation equipment	<u>(1,058,459)</u>	<u>(203,648)</u>	<u>164,688</u>	<u>(35,021)</u>	<u>(1,132,440)</u>
Total accumulated depreciation	<u>(58,676,338)</u>	<u>(2,063,781)</u>	<u>166,338</u>	<u>(35,021)</u>	<u>(60,608,802)</u>
Total capital assets being depreciated, net	<u>40,041,545</u>	<u>(1,673,911)</u>	<u>(10,718)</u>	<u>2,744,649</u>	<u>41,101,565</u>
Capital assets, net	<u>\$ 93,208,264</u>	<u>\$ 3,053,424</u>	<u>\$ (96,015)</u>	<u>\$ 91,534</u>	<u>\$ 96,257,207</u>

**NEVADA IRRIGATION DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2022**

NOTE 4: CAPITAL ASSETS (CONTINUED)

	January 1, 2022	Additions	Retirements	Transfers	December 31, 2022
Recreation Fund					
Capital assets not being depreciated					
Land	\$ 27,900,659	\$ -	\$ -	\$ -	\$ 27,900,659
Construction in progress	<u>6,277</u>	<u>-</u>	<u>(6,277)</u>	<u>-</u>	<u>-</u>
Total capital assets not being depreciated	<u>27,906,936</u>	<u>-</u>	<u>(6,277)</u>	<u>-</u>	<u>27,900,659</u>
Capital assets being depreciated					
General plant	17,843	-	-	-	17,843
Structures and improvements	13,248,069	45,000	-	-	13,293,069
General equipment	859,881	-	-	195,262	1,055,143
Transportation equipment	<u>158,614</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>158,614</u>
Total capital assets being depreciated	<u>14,284,407</u>	<u>45,000</u>	<u>-</u>	<u>195,262</u>	<u>14,524,669</u>
Less accumulated depreciation:					
General plant	(1,428)	(357)	-	-	(1,785)
Structures and improvements	(7,722,044)	(240,488)	-	-	(7,962,532)
General equipment	(280,455)	(49,530)	-	-	(329,985)
Transportation equipment	<u>(153,149)</u>	<u>(4,722)</u>	<u>-</u>	<u>(195,262)</u>	<u>(353,133)</u>
Total accumulated depreciation	<u>(8,157,076)</u>	<u>(295,097)</u>	<u>-</u>	<u>(195,262)</u>	<u>(8,647,435)</u>
Total capital assets being depreciated, net	<u>6,127,331</u>	<u>(250,097)</u>	<u>-</u>	<u>-</u>	<u>5,877,234</u>
Capital assets, net	<u>\$ 34,034,267</u>	<u>\$ (250,097)</u>	<u>\$ (6,277)</u>	<u>\$ -</u>	<u>\$ 33,777,893</u>

Depreciation expense for the year ended December 31, 2022 was charged to the different activities as follows:

Water	\$ 8,978,534
Electric	2,063,781
Recreation	<u>295,097</u>
	<u>\$ 11,337,412</u>

**NEVADA IRRIGATION DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2022**

NOTE 5: LONG TERM LIABILITIES

During the year ended December 31, 2022, the following changes occurred in long-term liabilities:

	January 1, 2022	Additions	Reductions	December 31, 2022	Current Portion
Revenue Bonds, Series 2016A	\$ 17,175,000	\$ -	\$ (705,000)	\$ 16,470,000	\$ 1,490,000
Revenue Bonds, Series 2020A	13,585,000	-	(1,320,000)	12,265,000	640,000
State of California loan - Cement Hill	<u>4,259,440</u>	<u>-</u>	<u>(516,846)</u>	<u>3,742,594</u>	<u>528,716</u>
Total	35,019,440	-	(2,541,846)	32,477,594	2,658,716
Unamortized premiums	<u>5,204,638</u>	<u>-</u>	<u>(461,755)</u>	<u>4,742,883</u>	<u>461,755</u>
Total Bonds and Loans	<u>40,224,078</u>	<u>-</u>	<u>(3,003,601)</u>	<u>37,220,477</u>	<u>3,120,471</u>
Health reimbursement arrangement (HRA) liability	688,746	1,153,171	(1,267,029)	574,888	287,444
Compensated absences	<u>2,939,697</u>	<u>2,495,646</u>	<u>(2,260,328)</u>	<u>3,175,015</u>	<u>812,043</u>
Total HRA and Compensated Absences	<u>3,628,443</u>	<u>3,648,817</u>	<u>(3,527,357)</u>	<u>3,749,903</u>	<u>1,099,487</u>
Total	<u>\$ 43,852,521</u>	<u>\$ 3,648,817</u>	<u>\$ (6,530,958)</u>	<u>\$ 40,970,380</u>	<u>\$ 4,219,958</u>

A description of the long-term liabilities at December 31, 2022 follows:

Revenue Bonds (Direct Placements)

In April 2016, the Nevada Irrigation District Joint Powers Authority sold \$20,210,000 of Revenue Bonds, Series 2016A, with interest rates ranging from 4% to 5%. The proceeds were used to finance the acquisition of the Combie Phase 1 Canal and Bear River Siphon Replacement Project; preliminary engineering and environmental studies related to the Centennial Reservoir; and to acquire certain land and interest in land for mitigation of various District projects. Principal payments ranging from \$550,000 to \$2,190,000 are due on March 1 through 2031. Interest payments ranging from \$43,800 to \$483,800 are due on March 1 and September 1 through March 1, 2032.

In December 2020, the Nevada Irrigation District Joint Powers Authority issued \$15,015,000 of Revenue Bonds, Series 2020A, with interest rates ranging from 2% to 5%. The proceeds were used to refund the outstanding Series 2011A Revenue Bonds. Principal payments ranging from \$640,000 to \$1,430,000 are due on March 1 through 2036. Interest payments ranging from \$16,575 to \$282,725 are due on March 1 and September 1 through March 1, 2036.

Default provisions on all Revenue Bonds include acceleration of all principal and interest payments upon default, making them immediately due and payable, and assessing a default interest rate of 8% per annum on the overdue principal.

State of California Loan - Cement Hill (Direct Borrowing)

In October 2007, the District signed a \$9,768,858 agreement with the State of California Department of Public Health to finance construction of the Cement Hill pump zone extension to meet the California safe drinking water standards. Interest is at 2.2836%. Principal payments ranging from \$72,320 to \$301,324 and interest payments ranging from \$826 to \$86,323 are due semi-annually on January 1 and July 1 through 2030.

**NEVADA IRRIGATION DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2022**

NOTE 5: LONG TERM LIABILITIES (CONTINUED)

Principal and interest maturities of long-term debt are as follows:

Years ending December 31,	Revenue Bonds, Series 2016A			Revenue Bonds, Series 2020A		
	Principal	Interest	Total	Principal	Interest	Total
2023	\$ 1,490,000	\$ 743,350	\$ 2,233,350	\$ 640,000	\$ 483,450	\$ 1,123,450
2024	1,565,000	666,975	2,231,975	670,000	450,700	1,120,700
2025	1,650,000	586,600	2,236,600	700,000	416,450	1,116,450
2026	1,730,000	502,100	2,232,100	745,000	380,325	1,125,325
2027	1,820,000	229,425	2,049,425	780,000	342,200	1,122,200
2028 - 2032	8,215,000	899,150	9,114,150	4,510,000	1,090,100	5,600,100
2033 - 2036	-	-	-	4,220,000	252,950	4,472,950
	<u>\$ 16,470,000</u>	<u>\$ 3,627,600</u>	<u>\$ 20,097,600</u>	<u>\$ 12,265,000</u>	<u>\$ 3,416,175</u>	<u>\$ 15,681,175</u>
Years ending December 31,	State Loan			Total		
	Principal	Interest	Total	Principal	Interest	Total
2023	\$ 528,716	\$ 82,464	\$ 611,180	\$ 2,658,716	\$ 1,309,264	\$ 3,967,980
2024	540,859	70,322	611,181	2,775,859	1,187,997	3,963,856
2025	553,280	57,900	611,180	2,903,280	1,060,950	3,964,230
2026	565,987	45,193	611,180	3,040,987	927,618	3,968,605
2027	578,986	32,195	611,181	3,178,986	603,820	3,782,806
2028 - 2032	974,766	24,193	998,959	13,699,766	2,013,443	15,713,209
2033 - 2036	-	-	-	4,220,000	252,950	4,472,950
	<u>\$ 3,742,594</u>	<u>\$ 312,267</u>	<u>\$ 4,054,861</u>	<u>\$ 32,477,594</u>	<u>\$ 7,356,042</u>	<u>\$ 39,833,636</u>

Pledged Revenues:

The District has pledged all water system revenues, all hydroelectric revenues, all property taxes, and any other amounts not restricted by statute or otherwise, net of specified operating expenses to repay its Revenue bonds, Series 2020A and 2016A in the original amounts of \$15,015,000 and \$20,210,000, respectively. Net revenues of the District, as defined, are required to equal 125% of the debt service payable in each fiscal year. Proceeds of the Bonds were used to refund certain debt issuances as described above and to fund acquisition improvements to the District's water systems. Annual principal and interest payments on the Bonds are expected to require approximately 125% of net revenues. Total principal and interest remaining to be paid on the Bonds was \$35,778,775 at December 31, 2022. Cash basis principal and interest paid on the Bonds was \$3,355,675 and total District net revenues calculated in accordance with the covenants for the Bonds was \$39,697,582 during the year ending December 31, 2022.

NOTE 6: PRIOR ADVANCE REFUNDING

The District advance refunded \$17,145,000 of outstanding Revenue Bonds, Series 2011A, by depositing the net proceeds from the issuance of the Revenue Bonds, Series 2020A, in an irrevocable trust with an escrow agent to provide funds for the future debt service payment on the refunded bonds. As a result, the Revenue Bonds, Series 2011A, are considered defeased and the trust account assets and the liability for the defeased bonds are not included in the District's financial statements.

The advance refunding resulted in a reduction of total future debt service payments and an economic gain (difference between the present values of the old and new debt service payments) that is reported as a deferred inflow of resources and is being amortized over the life of the new debt. Amortization expense for the year ended December 31, 2022 totaled \$23,643. At December 31, 2022, \$329,384 was reported as deferred amount on refunding.

**NEVADA IRRIGATION DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2022**

NOTE 7: NET POSITION

Net position is the excess of all the District's assets and deferred outflows of resources over all its liabilities and deferred inflows of resources. Net position is divided into three categories as follows:

Net investment in capital assets describes the portion of net position which is represented by the current net book value of the District's capital assets, less the outstanding balance of any debt issued to finance these assets, excluding unspent proceeds.

Restricted describes the portion of net position which is restricted as to use by the terms and conditions of agreements with outside parties, governmental regulations, laws, or other restrictions which the District cannot unilaterally alter. These principally include facility capacity fees received for use on capital projects, fees charged for the provision of future water resources and debt service reserve funds.

Unrestricted describes the portion of net position which is not restricted as to use.

Designations of unrestricted net position may be imposed by the Board of Directors to reflect future spending plans or concerns about the availability of future resources. Designations may be modified, amended or removed by Board action. They are reported as part of the District's unrestricted net position.

Although the Water fund does not have sufficient unrestricted net position to cover all of the designated balances, the Water fund has sufficient cash balances.

The District's unrestricted net position consists of the following at December 31, 2022:

	<u>Water</u>	<u>Electric</u>	<u>Recreation</u>	<u>Total Enterprise Funds</u>	<u>Internal Service Fund</u>
Designated					
Accrued leave	\$ 1,349,315	\$ 368,063	\$ 96,845	\$ 1,814,223	\$ -
Operating reserve	7,597,305	8,825,238	368,714	16,791,257	-
Capital improvement replacement reserve	22,000,000	-	-	22,000,000	-
Watershed stewardship reserve	500,000	-	-	500,000	-
Hydroelectric relicense	-	35,000,000	-	35,000,000	-
Capital improvement reserve	-	15,000,000	500,000	15,500,000	-
Insurance and catastrophic reserve	-	2,500,000	-	2,500,000	-
Total Designated	<u>31,446,620</u>	<u>61,693,301</u>	<u>965,559</u>	<u>94,105,480</u>	<u>-</u>
Undesignated	<u>(45,710,678)</u>	<u>(12,509,830)</u>	<u>(3,085,609)</u>	<u>(61,306,117)</u>	<u>1,746,661</u>
Total Unrestricted Net Position	<u><u>\$ (14,264,058)</u></u>	<u><u>\$ 49,183,471</u></u>	<u><u>\$ (2,120,050)</u></u>	<u><u>\$ 32,799,363</u></u>	<u><u>\$ 1,746,661</u></u>

The Board has made designations of net position; however, the unrestricted net position balance is not sufficient to cover the designations in any individual fund. The District's reserve policy 3040 does not require the consideration of accruals or the liquidation of long-term liabilities. When considering these amounts, a negative net position occurs within the funds. The District has sufficient cash and investment balances for these designations.

**NEVADA IRRIGATION DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2022**

NOTE 8: PENSION PLAN

A. General Information about the Pension Plan

Plan Description

All qualified permanent and probationary employees are eligible to participate in the District's Miscellaneous Plan, an agent multiple-employer defined benefit pension plan (Plan), administered by the California Public Employees' Retirement System (CalPERS) which acts as a common investment and administrative agent for its participating member employers. Benefit provisions under the Plan are established by State statute and District resolution. CalPERS issues publicly available reports that include a full description of the pension plan regarding benefit provisions, assumptions and membership information that can be found on the CalPERS website at www.calpers.ca.gov.

Benefits Provided

CalPERS provides service retirement and disability benefits, annual cost of living adjustments and death benefits to plan members, who must be public employees and beneficiaries. Benefits are based on years of credited service, equal to one year of full time employment. Members with five years of total service are eligible to retire at age 50 (52 for PEPPRA Miscellaneous Plan) with statutorily reduced benefits. All members are eligible for non-duty disability benefits after five years of service. The death benefit is the Basic Death Benefit. One agent plan is used for all three of the District's rate plans. The cost-of-living adjustments for the Plan are applied as specified by the Public Employees' Retirement Law.

The rate plan's provisions and benefits in effect at December 31, 2022, are summarized as follows:

	Miscellaneous Plan		
	Hired prior to May 1, 2010	Hired on or after May 1, 2010 and Prior to January 1, 2013	Hired on or after January 1, 2013
Benefit Formula (at full retirement)	2.5% at 55	2.0% at 55	2.0% at 62
Benefit Vesting Schedule	5 years service	5 years service	5 years service
Benefit Payments	monthly for life	monthly for life	monthly for life
Retirement Age	50 - 63	50 - 63	52 - 67
Monthly Benefits, as a % of Eligible Compensation	2.0% - 2.5%	1.426% - 2.418%	1.0% - 2.5%
Required Employee Contribution Rate			
January 1 to December 31	8.000%	7.000%	6.750%
Required Employer Contribution Rate*			
January 1 to June 30	35.025%	35.025%	35.025%
July 1 to December 31	36.97%	36.97%	36.97%

*Employer contribution rate is the sum of the employer normal cost rate and the employer unfunded accrued liability.

Employees Covered

At December 31, 2022, the following employees were covered by the benefit terms for the Miscellaneous Plan:

Inactive employees or beneficiaries currently receiving benefits	230
Inactive employees entitled to but not yet receiving benefits	101
Active employees	<u>200</u>
Total	<u><u>531</u></u>

**NEVADA IRRIGATION DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2022**

NOTE 8: PENSION PLAN (CONTINUED)

Contributions

Section 20814(c) of the California Public Employees' Retirement Law requires that the employer contribution rates for all public employers be determined on an annual basis by the actuary and shall be effective on the July 1 following notice of a change in the rate. Funding contributions for the Plan are determined annually on an actuarial basis as of June 30 by CalPERS. The actuarially determined rate is the estimated amount necessary to finance the costs of benefits earned by employees during the year, with an additional amount to finance any unfunded accrued liability. The District is required to contribute the difference between the actuarially determined rate and the contribution rate of employees. The District's contributions to the Plan for the year ended December 31, 2022 were \$6,360,452.

B. Net Pension Liability

The net pension liability of the Plan is measured as of June 30, 2022, and the total pension liability of the Plan used to calculate the net pension liability was determined by an actuarial valuation as of June 30, 2021 rolled forward to June 30, 2022 using standard update procedures.

The District's net pension liability is measured as the total pension liability, less the pension plan's fiduciary net position. The changes in the net pension liability for the Plan were as follows:

	Increase (Decrease)		
	Total Pension Liability	Plan Fiduciary Net Position	Net Pension Liability
Balance at July 1, 2021	\$ 148,291,665	\$ 109,989,214	\$ 38,302,451
Changes during the year:			
Service cost	2,979,866	-	2,979,866
Interest on total pension liability	10,301,802	-	10,301,802
Changes in assumptions	4,841,319	-	4,841,319
Differences between actual and expected experience	(1,023,327)	-	(1,023,327)
Contributions - employer	-	5,949,075	(5,949,075)
Contributions - employee	-	1,185,573	(1,185,573)
Net investment income	-	(8,410,420)	8,410,420
Benefit payments, including refunds of employee contributions	(8,596,193)	(8,596,193)	-
Administrative expenses	-	(68,516)	68,516
Net changes	8,503,467	(9,940,481)	18,443,948
Balance at June 30, 2022	\$ 156,795,132	\$ 100,048,733	\$ 56,746,399

For the year ended December 31, 2022, the District recognized pension expense of \$6,456,786. At December 31, 2022, the District reported deferred outflows of resources and deferred inflows of resources related to the Plan from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Pension contributions subsequent to the measurement date	\$ 3,181,261	\$ -
Difference between actual and expected experience	615,490	800,864
Changes in assumptions	3,788,858	-
Net difference between projected and actual earning on plan investments	5,302,530	-
Total	\$ 12,888,139	\$ 800,864

**NEVADA IRRIGATION DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2022**

NOTE 8: PENSION PLAN (CONTINUED)

\$3,181,261 reported as deferred outflows of resources related to contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ended December 31, 2023. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized as pension expense as follows:

Fiscal Year Ended December 31,	
2023	\$ 2,161,882
2024	1,802,397
2025	1,254,783
2026	3,686,952

Actuarial Assumptions

The total pension liabilities in the June 30, 2021 actuarial valuations were determined using the following actuarial assumptions:

Valuation Date	June 30, 2021
Measurement Date	June 30, 2022
Actuarial Cost Method	Entry-age Normal
Actuarial Assumptions:	
Discount Rate	6.90%
Inflation	2.50%
Salary Increases	Varies by Entry Age and Service
Investment Rate of Return	7.00% net of pension plan investment and administrative expenses, includes inflation
Mortality (1)	Derived using CalPERS' membership data for all funds
Post Retirement Benefit Increase	The lesser of contract COLA or 2.50% until Purchasing Power Protection Allowance floor on purchasing power applies, 2.50% thereafter.

(1) The mortality table used was developed based on CalPERS specific data. The probabilities of mortality are based on the 2017 CalPERS Experience Study for the period from 1997 to 2015. Pre-retirement and Post-retirement mortality rates include 15 years of projected mortality improvement using 90% of Scale MP-2016 published by the Society of Actuaries. For more details on this table, please refer to the CalPERS Experience Study and Review of Actuarial Assumptions report from December 2017 that can be found on the CalPERS website.

Changes in Assumptions

Effective with the June 30, 2021 valuation date (2022 measurement date), the accounting discount rate was reduced from 7.15% to 6.9%. In determining the long-term expected rate of return, CalPERS took into account long-term market return expectations as well as the expected pension fund cash flows. Projected returns for all asset classes are estimated, combined with risk estimates, and are used to project compound (geometric) returns over the long term. The discount rate used to discount liabilities was informed by the long-term projected portfolio return. In addition, demographic assumptions and the inflation rate assumption were changed in accordance with the 2021 CalPERS Experience Study and Review of Actuarial Assumptions. The accounting discount rate was 7.15% for measurement dates 2017 through 2021, 7.65% for measurement dates 2015 through 2016, and 7.50% for measurement date 2014.

Discount Rate

The discount rate used to measure the total pension liability was 6.90 percent. The projection of cash flows used to determine the discount rate assumed that contributions from plan members will be made at the current member contribution rates and that contributions from employers will be made at statutorily required rates, actuarially determined. Based on those assumptions, the Plan'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 plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

**NEVADA IRRIGATION DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2022**

NOTE 8: PENSION PLAN (CONTINUED)

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 expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class.

In determining the long-term expected rate of return, CalPERS took into account both short-term and long-term market return expectations as well as the expected pension fund cash flows. Using historical returns of all of the funds' asset classes, expected compound (geometric) returns were calculated over the short-term (first 10 years) and the long-term (11+ years) using a building-block approach. Using the expected nominal returns for both short-term and long-term, the present value of benefits was calculated for each fund. The expected rate of return was set by calculating the rounded single equivalent expected return that arrived at the same present value of benefits for cash flows as the one calculated using both short-term and long-term returns. The expected rate of return was then set equal to the single equivalent rate calculated above and adjusted to account for assumed administrative expenses.

The expected real rates of return by asset class are as follows:

Asset class	Assumed asset allocation	Real return years 1-10 (1)	Real return years 11+ (2)
Public Equity	50.0%	4.80%	5.98%
Fixed Income	28.0%	1.00%	2.62%
Inflation Assets	0.0%	0.77%	1.81%
Private Equity	8.0%	6.30%	7.23%
Real Assets	13.0%	3.75%	4.93%
Liquidity	1.0%	0.00%	(0.92)%

(1) An expected inflation of 2.00% used for this period.

(2) An expected inflation of 2.92% used for this period.

Sensitivity of the Net Pension Liability to Changes in the Discount Rate

The following presents the District's net pension liability for the Plan, calculated using the discount rate for the Plan, as well as what the District's net pension liability would be if it were calculated using a discount rate that is 1-percentage point lower or 1-percentage point higher than the current rate:

	Discount Rate - 1% 5.90%	Current Discount Rate 6.90%	Discount Rate + 1% 7.90%
Net pension liability	\$77,517,800	\$56,746,399	\$39,611,415

Pension Plan Fiduciary Net Position

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

**NEVADA IRRIGATION DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2022**

NOTE 9: OTHER POSTEMPLOYMENT BENEFITS PLAN

Plan Description

The District's other postemployment benefits (OPEB) healthcare plan (the Plan) provides medical, life insurance and health reimbursement arrangement (HRA) benefits to employees that retire directly from the District and their eligible dependents, subject to a monthly limitation pursuant to Government Code Section 22892, as amended by AB 2544, under an agent multiple-employer defined benefit plan. Eligibility rules include retirement from the District at age 50 or later with five years of service. The District's Board of Directors has the authority to establish and amend benefit provisions. The District participates in the California Employers Retiree Benefit Trust (CERBT), an irrevocable trust established by CalPERS to fund OPEB. CERBT is administered by CalPERS and is managed by an appointed Board not under the control of the District's Board of Directors. This Trust is not considered a component unit by the District and has been excluded from these financial statements. Separately issued financial statements for CERBT may be obtained from CalPERS at P.O. Box 942709, Sacramento CA 94229-2709.

Benefits Provided

Medical benefits for employees hired after May 10, 2012 are subject to vesting requirements of 25% to 50% at 10 to 20 years of service, respectively. Life insurance coverage is available at retirement after attaining age 55 and 10 years of district service and begins at \$50,000 face value that declines to \$12,500 at 75 years of age. HRA benefits include \$1,000 at retirement and \$300 per month for non-Medicare eligible retirees and \$200 per month for Medicare eligible retirees with a maximum account balance of \$8,000.

Funding Policy

The District pays a percentage of the postemployment health care benefits for retirees, their spouses, and their dependents based on the retiree's tier. Surviving spouses and eligible dependents of retirees may elect to continue health care benefits with the same District contribution towards the expense. Substantially all of the District's employees may become eligible for these benefits if they reach normal retirement age while working for the District. The contribution requirements of the District are established and may be amended by the District's Board of Directors. No contributions are required for plan members of the District. Pre-funding contributions made by the District are at the discretion of the Board of Directors.

Employees Covered

As of the June 30, 2022 measurement date, the following current and former employees were covered by the benefit terms for the Plan:

Inactive employees or beneficiaries currently receiving benefits	173
Inactive employees entitled to but not yet receiving benefits	23
Active employees	<u>193</u>
Total	<u><u>389</u></u>

Contributions

The required contribution is based on projected pay-as-you-go financing requirements. For the year ended December 31, 2022, the District paid \$1,121,802 of current retiree premiums and contributed \$283,500 in the form of an implied subsidy retirement premiums, for total contributions of \$1,405,302.

**NEVADA IRRIGATION DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2022**

NOTE 9: OTHER POSTEMPLOYMENT BENEFITS PLAN (CONTINUED)

Actuarial Assumptions

The total OPEB liability in the June 30, 2021 actuarial valuation was determined using the following actuarial assumptions, applied to all periods included in the measurement, unless otherwise specified:

Valuation Date	June 30, 2021
Measurement Date	June 30, 2022
Actuarial Assumptions:	
Discount Rate	6.25%
Inflation	2.50%
Salary Increases	2.75% annually
Medical Trend	<ul style="list-style-type: none"> Non-Medicare - 6.5% for 2023, decreasing to an ultimate rate of 3.75% in 2076 Medicare (Non-Kaiser) - 5.65% for 2023, decreasing to an ultimate rate of 3.75% in 2076 Medicare (Kaiser) - 4.6% for 2023, decreasing to an ultimate rate of 3.75% in 2076
Mortality Rate	CalPERS 2000 - 2019 Experience Study
Mortality Improvement	Mortality projected fully generational with Scale MP-2021
PEMHCA Minimum Increases	4% annually

Changes in Assumptions

In 2022, the implied subsidy was removed from Medicare Advantage Plan. Inflation lowered 25 basis points, reducing salary scale, expected asset returns and medical trend. Updated CalPERS Experience Study. Waived retiree re-election at age 65 reduced from 20% to 5%. Mortality improvement scale was updated to Scale MP-2021.

Discount Rate

The discount rate used to measure the net OPEB liability was 6.25% percent. The projection of cash flows used to determine the discount rate assumed that District contributions will be made at rates equal to the actuarially determined contribution rates. Based on those assumptions, the Plan's fiduciary net position was projected to be available to make all projected payments for current active and inactive employees. Therefore, the long-term expected rate of return on OPEB plan investments was applied to all periods of projected benefit payments to determine the net OPEB liability.

Long-term Expected Rate of Return

The long-term expected rate of return on OPEB 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 OPEB plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. The target allocation and best estimates of arithmetic real rates of return for each major asset class at the June 30, 2022 measurement date are summarized in the following table:

<u>Asset class</u>	<u>Target Allocation CERBT-Strategy 1</u>	<u>Expected Real Rate of Return</u>
Global Equity	49.00%	4.56%
Fixed Income	23.00%	1.55%
TIPS	5.00%	(0.08)%
Commodities	3.00%	1.22%
REITs	20.00%	4.06%
Assumed Long-Term Rate of Inflation		2.75%
Expected Long-Term Net Rate of Return, Rounded		6.25%

**NEVADA IRRIGATION DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2022**

NOTE 9: OTHER POSTEMPLOYMENT BENEFITS PLAN (CONTINUED)

Changes in the Net OPEB Liability

Changes in the net OPEB liability were as follows during the year ended December 31, 2022:

	Increase (Decrease)		
	Total Pension Liability	Plan Fiduciary Net Position	Net Pension Liability
Balance at January 1, 2022	\$ 25,165,336	\$ 23,947,308	\$ 1,218,028
Changes during the year:			
Service cost	642,401	-	642,401
Interest	1,631,831	-	1,631,831
Actual vs. expected experience	2,118,403	-	2,118,403
Assumption changes	(733,027)	-	(733,027)
Contributions - employer	-	1,418,805	(1,418,805)
Net investment income	-	(3,205,225)	3,205,225
Benefit payments	(1,405,302)	(1,405,302)	-
Administrative expenses	-	(19,568)	19,568
Net changes	2,254,306	(3,211,290)	5,465,596
Balance at December 31, 2022	\$ 27,419,642	\$ 20,736,018	\$ 6,683,624

For the year ended December 31, 2022, the District recognized OPEB expense of \$808,440. At December 31, 2022, the District reported deferred outflows of resources and deferred inflows of resources related to the OPEB Plan from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Pension contributions subsequent to the measurement date	\$ 736,803	\$ -
Difference between actual and expected experience	1,802,223	1,516,554
Changes in assumptions	501,352	999,826
Net difference between projected and actual earning on plan investments	1,713,550	-
Total	\$ 4,753,928	\$ 2,516,380

\$736,803 reported as deferred outflows of resources related to contributions subsequent to the measurement date will be recognized as a reduction of the net OPEB liability in the year ended December 31, 2023. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized as OPEB expense as follows:

Fiscal Year Ended June 30,	
2023	\$ 104,018
2024	88,064
2025	(25,187)
2026	907,671
2027	281,441
Thereafter	144,738

**NEVADA IRRIGATION DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2022**

NOTE 9: OTHER POSTEMPLOYMENT BENEFITS PLAN (CONTINUED)

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

The following presents the District's net OPEB liability, calculated using the discount rate for the Plan, as well as what the District's net OPEB liability would be if it were calculated using a discount rate that is 1-percentage point lower or 1-percentage point higher than the current rate:

	Discount Rate - 1% 5.25%	Current Discount Rate 6.25%	Discount Rate + 1% 7.25%
Net OPEB liability	\$10,265,781	\$6,683,624	\$3,723,576

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

The following presents the District's net OPEB liability, calculated using the healthcare cost trend rate for the Plan, as well as what the District's net OPEB liability would be if it were calculated using a healthcare cost trend rate that is 1-percentage point lower or 1-percentage point higher than the current rate:

	Rate - 1%	Current Healthcare Cost Trend Rate 4%	Rate + 1%
Net OPEB liability	\$3,348,998	\$6,683,624	\$10,842,289

OPEB Plan Fiduciary Net Position

Detailed information about the OPEB plan's fiduciary net position is available in the separately issued CERBT financial report at www.calpers.ca.gov.

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 for which the District obtains commercial insurance. The District's insurance policies include workers' compensation, property (including flood damage and loss of income), crime, inland marine, auto, general liability, public officials (including cyber and management liability) and excess liability coverage. Deductibles generally range from \$1,000 to \$50,000. Buildings, hydroelectric generating equipment, and personal property are insured for their full replacement cost. Settled claims have not exceeded insurance coverage in any of the past three years.

**NEVADA IRRIGATION DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2022**

NOTE 11: INTERFUND AND INTRA-FUND TRANSACTIONS

Interfund Transfers

Interfund transactions between funds are reflected as loans, services provided, reimbursements, or transfers. Loans are reported as receivables or payables as appropriate and are subject to elimination upon consolidation. The District transfers resources among funds in the course of normal operations. Services provided, deemed to be at market or near market rates are accounted for as revenues and expenditures/expenses. Transactions to reimburse a fund for expenditures/expenses initially made from it that are applicable to another fund are recorded as expenditures/expenses in the correct fund and as reductions of expenditures/expenses in the original fund. All other interfund transactions are reported as transfers.

Interfund transfers as of December 31, 2022, were as follows:

<u>Transfers In</u>	<u>Transfers Out</u>	<u>Total</u>
Water fund	Electric fund	\$ 759,891
Water fund	Recreation fund	379,945
Water fund	Internal services fund	2,541,095
Recreation fund	Electric fund	1,243,447
Recreation fund	Internal services fund	198,523
Electric fund	Internal services fund	1,230,843
Internal services fund	Water fund	9,327,688
Internal services fund	Recreation fund	718,960
Internal services fund	Electric fund	<u>4,582,550</u>
		<u>\$ 20,982,942</u>

Intra-fund Transfers

The following table represents intra-fund transfers made during the year ended December 31, 2022:

<u>Transfers In</u>	<u>Transfers Out</u>	<u>Total</u>
Water fund	Bond proceeds fund	\$ 414
Water fund	Capacity fee fund	218,578
Water capital improvement fund	Water fund	29,658,000
Electric capital improvement fund	Electric fund	<u>54,805,000</u>
		<u>\$ 84,681,992</u>

**NEVADA IRRIGATION DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2022**

NOTE 12: COMMITMENTS AND CONTINGENCIES

A. Contractual Obligations

At December 31, 2022, the District's significant capital and other project commitments included the following:

Alta Sierra tank replacement	\$ 489,110
SF spillway repair	795,620
David Way PS R/R	24,520
No. Auburn WTP high lift pumps	13,870
RPH relay protection upgr	97,471
SFPD fire detection upgrade	5,617
CNPH fire detection upgrade	5,617
CSPH fire detection upgrade	5,617
CNPH capacitor bank upgrade	12,298
Jk Lk dam toe slope improvement	2,712
Squirrel creek siphon	6,390
Hemphill canal fish diversion	120,318
Dutch flat #2 powerhouse improvements	10,300
Chicago park powerhouse refurbishment	<u>59,603</u>
Total	<u>\$ 1,649,063</u>

B. Contingencies

The District is a defendant in a number of lawsuits, which have arisen, in the normal course of business including challenges over certain rates and changes. The ultimate outcome of these matters is not presently determinable. In the opinion of management, the amount of ultimate liability with respect to such actions will not materially affect the financial position or results of operations of the District.

C. Concentrations

During the year ended December 31, 2022, the District received 119.9% of its total Electric fund revenue from Pacific Gas & Electric Company (PG&E) for power generated from the District's power plants. A significant portion of the power revenue is provided to the Water fund to subsidize operations.

NOTE 13: HYDROELECTRIC POWER AGREEMENTS

The output from Yuba-Bear FRC Project powerhouses and the Combie North Project powerhouse is sold to PG&E under certain contractual arrangements. The output of the Combie South Project powerhouse is sold to the City of Lodi via a contractual arrangement with the Northern California Power Agency. Output from the Scotts Flat Project powerhouse is used to offset District power utility expenses under the Renewable Energy Self Generation Bill Credit Transfer Program. The District has a rated aggregate generation capacity of 82.2 megawatts for its seven hydroelectric powerhouses.

NOTE 14: RELICENSING

The District has been preparing for the relicensing of its Yuba-Bear Hydroelectric Project as required by the Federal Energy Regulatory Commission (FERC). The FERC license on this project expired April 30, 2013. In connection with the relicensing, the District has incurred expenses, entered into service contracts, and established cash reserves to pay for anticipated costs. Costs incurred for the relicensing are being capitalized and will be amortized over the life of the new license once it has been issued by FERC. Total costs capitalized as of December 31, 2022 amounted to \$16,775,343. Until the relicensing process is completed, operations continue under the current FERC license conditions.

**NEVADA IRRIGATION DISTRICT
NOTES TO THE BASIC FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2022**

NOTE 15: PRIOR PERIOD ADJUSTMENT

During fiscal year 2022, the District performed a review of capital assets and noted capital assets in the Water fund had been improperly written off in a prior year resulting in an understatement of capital assets and net position. The impact of the restatement increased the net position in the Water fund by \$1,118,275.

During fiscal year 2022, the District determined funds held in a custodial capacity had not been properly reported in the financial statements. The impact of the restatement increased the net position in the Custodial funds by \$82,684.

NOTE 16: SUBSEQUENT EVENTS

Management has evaluated events subsequent to December 31, 2022 through July 14, 2023, the date on which the financial statements were available to be issued. Management has determined no subsequent events requiring disclosure have occurred.

REQUIRED SUPPLEMENTARY INFORMATION

**NEVADA IRRIGATION DISTRICT
REQUIRED SUPPLEMENTARY INFORMATION
SCHEDULE OF CHANGES IN THE NET PENSION LIABILITY AND RELATED RATIOS
AS OF DECEMBER 31, 2022
LAST 10 YEARS ***

	Measurement Period				
	2022	2021	2020	2019	2018
Total Pension Liability					
Service cost	\$ 2,979,866	\$ 2,821,775	\$ 2,686,216	\$ 2,637,751	\$ 2,364,428
Interest on the total pension liability	10,301,802	10,071,537	9,749,205	9,364,883	8,986,105
Changes in assumptions	4,841,319	-	-	-	(617,049)
Differences between actual and expected experience	(1,023,327)	40,099	1,089,816	1,189,611	(721,555)
Benefit payments, including refunds of employee contributions	<u>(8,596,193)</u>	<u>(8,102,857)</u>	<u>(7,967,447)</u>	<u>(7,515,658)</u>	<u>(7,242,753)</u>
Net Change in Total Pension Liability	8,503,467	4,830,554	5,557,790	5,676,587	2,769,176
Total Pension Liability - Beginning	<u>148,291,665</u>	<u>143,461,111</u>	<u>137,903,321</u>	<u>132,226,734</u>	<u>129,457,558</u>
Total Pension Liability - Ending (a)	<u>\$156,795,132</u>	<u>\$148,291,665</u>	<u>\$143,461,111</u>	<u>\$137,903,321</u>	<u>\$132,226,734</u>
Plan Fiduciary Net Position					
Contributions - employer	\$ 5,949,075	\$ 5,651,628	\$ 5,173,543	\$ 4,567,495	\$ 3,930,086
Contributions - employee	1,185,573	1,204,407	1,203,756	1,168,875	1,094,327
Net investment income	(8,410,420)	20,307,586	4,340,494	5,525,839	6,710,253
Net plan to plan resource movement	-	-	-	-	(196)
Other miscellaneous income (expense)	-	-	-	195	(238,450)
Benefit payments	(8,596,193)	(8,102,857)	(7,967,447)	(7,515,658)	(7,242,753)
Administrative expenses	<u>(68,516)</u>	<u>(90,923)</u>	<u>(124,613)</u>	<u>(60,449)</u>	<u>(125,565)</u>
Net Change in Plan Fiduciary Net Position	(9,940,481)	18,969,841	2,625,733	3,686,297	4,127,702
Plan Fiduciary Net Position - Beginning	<u>109,989,214</u>	<u>91,019,373</u>	<u>88,393,640</u>	<u>84,707,343</u>	<u>80,579,641</u>
Plan Fiduciary Net Position - Ending (b)	<u>\$100,048,733</u>	<u>\$109,989,214</u>	<u>\$ 91,019,373</u>	<u>\$ 88,393,640</u>	<u>\$ 84,707,343</u>
Net Pension Liability - Ending (a) - (b)	<u>\$ 56,746,399</u>	<u>\$ 38,302,451</u>	<u>\$ 52,441,738</u>	<u>\$ 49,509,681</u>	<u>\$ 47,519,391</u>
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	63.81 %	74.17 %	63.45 %	64.10 %	64.06 %
Covered Payroll	\$ 15,986,408	\$ 16,716,678	\$ 15,773,436	\$ 15,230,390	\$ 13,628,612
Net Pension Liability as a Percentage of Covered Payroll	354.97 %	229.13 %	332.47 %	325.07 %	348.67 %
Notes to Schedule:					
<i>Changes in Assumptions:</i>					
Discount rate changes	6.90 %	6.50 %	7.15 %	7.15 %	7.15 %

NEVADA IRRIGATION DISTRICT
REQUIRED SUPPLEMENTARY INFORMATION
SCHEDULE OF CHANGES IN THE NET PENSION LIABILITY AND RELATED RATIOS (CONTINUED)
AS OF DECEMBER 31, 2022
LAST 10 YEARS *

	Measurement Period			
	2017	2016	2015	2014
Total Pension Liability				
Service cost	\$ 2,298,162	\$ 1,926,560	\$ 1,691,635	\$ 1,765,326
Interest on the total pension liability	8,801,321	8,570,812	8,255,944	7,905,821
Changes in assumptions	7,082,987	-	(1,922,782)	-
Differences between actual and expected experience	290,763	782,741	1,142,319	-
Benefit payments, including refunds of employee contributions	<u>(7,176,467)</u>	<u>(6,820,099)</u>	<u>(6,643,641)</u>	<u>(6,044,270)</u>
Net Change in Total Pension Liability	11,296,766	4,460,014	2,523,475	3,626,877
Total Pension Liability - Beginning	<u>118,160,792</u>	<u>113,700,778</u>	<u>111,177,303</u>	<u>107,550,426</u>
Total Pension Liability - Ending (a)	<u>\$129,457,558</u>	<u>\$118,160,792</u>	<u>\$113,700,778</u>	<u>\$111,177,303</u>
Plan Fiduciary Net Position				
Contributions - employer	\$ 3,954,877	\$ 3,510,366	\$ 3,098,851	\$ 2,449,665
Contributions - employee	1,021,683	975,138	921,705	909,560
Net investment income	8,254,320	369,777	1,695,016	11,836,566
Net plan to plan resource movement	-	-	-	-
Other miscellaneous income (expense)	-	-	-	-
Benefit payments	(7,176,467)	(6,820,099)	(6,643,641)	(6,044,270)
Administrative expenses	<u>(110,194)</u>	<u>(46,712)</u>	<u>(86,331)</u>	<u>-</u>
Net Change in Plan Fiduciary Net Position	5,944,219	(2,011,530)	(1,014,400)	9,151,521
Plan Fiduciary Net Position - Beginning	<u>74,635,422</u>	<u>76,646,952</u>	<u>77,661,352</u>	<u>68,509,831</u>
Plan Fiduciary Net Position - Ending (b)	<u>\$ 80,579,641</u>	<u>\$ 74,635,422</u>	<u>\$ 76,646,952</u>	<u>\$ 77,661,352</u>
Net Pension Liability - Ending (a) - (b)	<u>\$ 48,877,917</u>	<u>\$ 43,525,370</u>	<u>\$ 37,053,826</u>	<u>\$ 33,515,951</u>
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	62.24 %	63.16 %	67.41 %	69.85 %
Covered Payroll	\$ 12,972,241	\$ 12,230,577	\$ 10,522,081	\$ 10,387,326
Net Pension Liability as a Percentage of Covered Payroll	376.79 %	355.87 %	352.15 %	322.66 %
Notes to Schedule:				
<i>Changes in Assumptions:</i>				
Discount rate changes	7.15 %	7.65 %	7.65 %	7.50 %

**NEVADA IRRIGATION DISTRICT
REQUIRED SUPPLEMENTARY INFORMATION
SCHEDULE OF CHANGES IN THE NET PENSION LIABILITY AND RELATED RATIOS (CONTINUED)
AS OF DECEMBER 31, 2022
LAST 10 YEARS ***

Change in Benefit Terms: The figures above generally include any liability impact that may have resulted from voluntary benefit changes that occurred on or before the Measurement Date. However, offers of Two Years Additional Service Credit (a.k.a. Golden Handshakes) that occurred after the Valuation Date are not included in the figures above, unless the liability impact is deemed to be material by the plan actuary.

Changes of Assumptions: Effective with the June 30, 2021 valuation date (2022 measurement date), the accounting discount rate was reduced from 7.15% to 6.9%. In determining the long-term expected rate of return, CalPERS took into account long-term market return expectations as well as the expected pension fund cash flows. Projected returns for all asset classes are estimated, combined with risk estimates, and are used to project compound (geometric) returns over the long term. The discount rate used to discount liabilities was informed by the long-term projected portfolio return. In addition, demographic assumptions and the inflation rate assumption were changed in accordance with the 2021 CalPERS Experience Study and Review of Actuarial Assumptions. The accounting discount rate was 7.15% for measurement dates 2017 through 2021, 7.65% for measurement dates 2015 through 2016, and 7.50% for measurement date 2014.

* Schedule is intended to show information for ten years. The year ending December 31, 2014 was the first year of implementation, therefore only nine years are shown. Additional years' information will be displayed as it becomes available.

**NEVADA IRRIGATION DISTRICT
REQUIRED SUPPLEMENTARY INFORMATION
SCHEDULE OF CONTRIBUTIONS TO THE PENSION PLAN
AS OF DECEMBER 31, 2022
LAST 10 YEARS ***

	Fiscal Year-End				
	2022	2021	2020	2019	2018
Actuarially determined contribution ¹	\$ 5,949,075	\$ 5,651,628	\$ 5,173,543	\$ 4,567,495	\$ 3,930,086
Contributions in relation to the actuarially determined contributions ¹	<u>5,949,075</u>	<u>5,651,628</u>	<u>5,173,543</u>	<u>4,567,495</u>	<u>3,930,086</u>
Contribution deficiency (excess)	\$ <u>-</u>	\$ <u>-</u>	\$ <u>-</u>	\$ <u>-</u>	\$ <u>-</u>
Covered payroll	\$ 15,986,408	\$ 16,716,678	\$ 15,773,436	\$ 15,230,390	\$ 13,628,612
Contributions as a percentage of covered payroll	37.21 %	33.81 %	32.80 %	29.99 %	28.84 %
Contribution Valuation Date	June 30, 2020	June 30, 2019	June 30, 2018	June 30, 2017	June 30, 2016
Reporting Valuation Date	June 30, 2021	June 30, 2020	June 30, 2019	June 30, 2018	June 30, 2017
Reporting Measurement Valuation Date	June 30, 2022	June 30, 2021	June 30, 2020	June 30, 2019	June 30, 2018
Methods and Assumptions Used to Determine Contribution Rates:					
Actuarial Cost Method	Entry age normal				
Amortization Method	Level percentage of payroll, closed				
Remaining Amortization Period	Varies, not more than 30 years				
Asset Valuation Method	Market Value	Market Value	Market Value	Market Value	Market Value
Inflation	2.50 %	2.50 %	2.50 %	2.63 %	2.75 %
Salary Increases	Varies by entry age and service				
Payroll Growth	2.75 %	2.75 %	2.75 %	2.88 %	3.00 %
Investment Rate of Return ²	7.00 %	7.00 %	7.00 %	7.25 %	7.38 %
Mortality	5	5	5	4	4

Notes to Schedule:

1. The contractually required contributions are not available from the actuary for the calendar year. Consequently, the District reported the contributions and contractually required contributions as computed by the actuary for the plan measurement period.
2. Net of administrative expenses, includes inflation
3. Probabilities of retirement and mortality are based on CalPERS' 2010 Experience Study for the period from 1997 to 2007.
4. Probabilities of retirement and mortality are based on CalPERS' 2014 Experience Study for the period from 1997 to 2011.
5. Probabilities of retirement and mortality are based on CalPERS' 2017 Experience Study for the period from 1997 to 2015.

* Schedule is intended to show information for ten years. The year ending December 31, 2014 was the first year of implementation, therefore only nine years are shown. Additional years' information will be displayed as it becomes available.

**NEVADA IRRIGATION DISTRICT
REQUIRED SUPPLEMENTARY INFORMATION
SCHEDULE OF CONTRIBUTIONS TO THE PENSION PLAN (CONTINUED)
AS OF DECEMBER 31, 2022
LAST 10 YEARS ***

	Fiscal Year-End			
	2017	2016	2015	2014
Actuarially determined contribution ¹	\$ 3,954,877	\$ 3,510,366	\$ 3,098,851	\$ 2,449,665
Contributions in relation to the actuarially determined contributions ¹	<u>3,954,877</u>	<u>3,510,366</u>	<u>3,098,851</u>	<u>2,449,665</u>
Contribution deficiency (excess)	\$ <u>-</u>	\$ <u>-</u>	\$ <u>-</u>	\$ <u>-</u>
Covered payroll	\$ 12,972,241	\$ 12,230,577	\$ 10,522,081	\$ 10,387,326
Contributions as a percentage of covered payroll	30.49 %	28.70 %	29.45 %	23.58 %
Contribution Valuation Date	June 30, 2015	June 30, 2014	June 30, 2013	June 30, 2012
Reporting Valuation Date	June 30, 2016	June 30, 2015	June 30, 2014	June 30, 2013
Reporting Measurement Valuation Date	June 30, 2017	June 30, 2016	June 30, 2015	June 30, 2014
Methods and Assumptions Used to Determine				
Contribution Rates:				
Actuarial Cost Method				
Amortization Method				
Remaining Amortization Period				
Asset Valuation Method	Market Value	Market Value	Market Value	15-year Smoothed Market
Inflation	2.75 %	2.75 %	2.75 %	2.75 %
Salary Increases				
Payroll Growth	3.00 %	3.00 %	3.00 %	3.00 %
Investment Rate of Return ²	7.50 %	7.50 %	7.50 %	7.50 %
Mortality	4	3	3	3

**NEVADA IRRIGATION DISTRICT
REQUIRED SUPPLEMENTARY INFORMATION
SCHEDULE OF CHANGES IN THE NET OPEB LIABILITY AND RELATED RATIOS
AS OF DECEMBER 31, 2022
LAST 10 YEARS ***

	Measurement Period				
	2022	2021	2020	2019	2018
Total OPEB Liability					
Service cost	\$ 642,401	\$ 590,632	\$ 614,568	\$ 605,340	\$ 597,000
Interest	1,631,831	1,587,356	1,750,233	1,683,941	1,621,000
Changes in assumptions	(733,027)	714,694	(681,237)	-	-
Differences between actual and expected experience	2,118,403	-	(2,746,191)	-	-
Benefit payments	<u>(1,405,302)</u>	<u>(1,306,194)</u>	<u>(1,346,684)</u>	<u>(1,286,122)</u>	<u>(1,328,000)</u>
Net Change in Total OPEB Liability	2,254,306	1,586,488	(2,409,311)	1,003,159	890,000
Total OPEB Liability - Beginning	<u>25,165,336</u>	<u>23,578,848</u>	<u>25,988,159</u>	<u>24,985,000</u>	<u>24,095,000</u>
Total OPEB Liability - Ending (a)	<u>\$ 27,419,642</u>	<u>\$ 25,165,336</u>	<u>\$ 23,578,848</u>	<u>\$ 25,985,159</u>	<u>\$ 24,985,000</u>
Plan Fiduciary Net Position					
Contributions - employer	\$ 1,418,805	\$ 1,319,652	\$ 1,821,296	\$ 1,767,404	\$ 1,835,000
Net investment income	(3,205,225)	5,165,032	628,823	1,017,699	1,159,000
Benefit payments	(1,405,302)	(1,306,194)	(1,346,684)	(1,286,122)	(1,328,000)
Administrative expenses	<u>(19,568)</u>	<u>(20,568)</u>	<u>(23,264)</u>	<u>(17,766)</u>	<u>(44,000)</u>
Net Change in Plan Fiduciary Net Position	(3,211,290)	5,157,922	1,080,171	1,481,215	1,622,000
Plan Fiduciary Net Position - Beginning	<u>23,947,308</u>	<u>18,789,386</u>	<u>17,709,215</u>	<u>16,228,000</u>	<u>14,606,000</u>
Plan Fiduciary Net Position - Ending (b)	<u>\$ 20,736,018</u>	<u>\$ 23,947,308</u>	<u>\$ 18,789,386</u>	<u>\$ 17,709,215</u>	<u>\$ 16,228,000</u>
Net OPEB Liability - Ending (a) - (b)	<u>\$ 6,683,624</u>	<u>\$ 1,218,028</u>	<u>\$ 4,789,462</u>	<u>\$ 8,278,944</u>	<u>\$ 8,757,000</u>
Plan Fiduciary Net Position as a Percentage of Total OPEB Liability	75.6 %	95.2 %	79.7 %	68.1 %	65.0 %
Covered Payroll	\$ 16,987,669	\$ 17,058,323	\$ 17,001,674	\$ 16,324,284	\$ 14,769,000
Net Pension Liability as a Percentage of Covered Payroll	39.3 %	7.1 %	28.2 %	50.7 %	59.3 %

Notes to Schedule:

Valuation Date	June 30, 2021	June 30, 2019	June 30, 2019	June 30, 2017	June 30, 2017
Measurement Date	June 30, 2022	June 30, 2021	June 30, 2020	June 30, 2019	June 30, 2018
Benefit Changes	None	None	None	None	None
<i>Changes in Assumptions:</i>					
Discount rate changes	6.25 %	6.50 %	6.75 %	6.75 %	6.75 %

* Schedule is intended to show information for ten years. The year ending December 31, 2018 was the first year of implementation, therefore only five years are shown. Additional years' information will be displayed as it becomes available.

**NEVADA IRRIGATION DISTRICT
REQUIRED SUPPLEMENTARY INFORMATION
SCHEDULE OF CONTRIBUTIONS TO THE OPEB PLAN
AS OF DECEMBER 31, 2022
LAST 10 YEARS ***

	Fiscal Year-End				
	2022	2021	2020	2019	2018
Actuarially determined contribution - employer calendar year	\$ 1,704,000	\$ 1,381,000	\$ 1,428,000	\$ 1,895,000	\$ 1,888,000
Contributions in relation to the actuarially determined contributions	<u>1,488,992</u>	<u>1,318,415</u>	<u>1,811,450</u>	<u>1,813,103</u>	<u>1,782,000</u>
Contribution deficiency (excess)	<u>\$ 215,008</u>	<u>\$ 62,585</u>	<u>\$ (383,450)</u>	<u>\$ 81,897</u>	<u>\$ 106,000</u>
Covered payroll - employer calendar year	\$ 17,439,543	\$ 16,951,654	\$ 17,310,846	\$ 16,695,677	\$ 15,738,000
Contributions as a percentage of covered payroll	8.5 %	7.8 %	10.5 %	10.9 %	11.3 %
Valuation Date	June 30, 2021	June 30, 2020	June 30, 2019	June 30, 2017	June 30, 2017
Measurement Date	June 30, 2022	June 30, 2021	June 30, 2020	June 30, 2019	June 30, 2018

* Schedule is intended to show information for ten years. The year ending December 31, 2018 was the first year of implementation, therefore only five years are shown. Additional years' information will be displayed as it becomes available.

SUPPLEMENTARY INFORMATION

**NEVADA IRRIGATION DISTRICT
CAPACITY FEE SCHEDULE
GOVERNMENT CODE SECTION 66013
FOR THE YEAR ENDED DECEMBER 31, 2022**

Beginning Balance		\$ 8,865,517
Revenues:		
Fees collected	864,344	
Interest earned	<u>106,902</u>	
Total Revenues	<u>971,246</u>	
Expenses:		
Debt service	<u>218,578</u>	
Total Expenses	<u>218,578</u>	
Net Changes for the Year		<u>752,668</u>
Ending Balance		<u><u>\$ 9,618,185</u></u>

California Government Code (CGC) Section 66013 requires the District to place capacity fees received and any interest income earned from the investment of these monies in a separate capacity fee fund. These monies are to be used solely for the purposes for which they were collected and not commingled with other District funds. A capacity charge means a charge for public facilities in existence at the time a charge is imposed or charges for new public facilities to be acquired or constructed in the future.

The Section requires the District to make certain information available to the public within 180 days after the close of each fiscal year. Furthermore, the Section allows the required information to be included in the District's annual report. The Capacity Fee Schedule meets this requirement.

Capacity fees are imposed for initiating water connection service by the District at the request of the customer. No fees are imposed upon real property or upon person as an incident of property ownership, but rather as a condition of service.

The District's Capital Improvement Plan forecast usage of these fees for water growth/expansion related projects. No interfund loans are connected to these fees.

Source: Nevada Irrigation District Finance Department



STATISTICAL SECTION



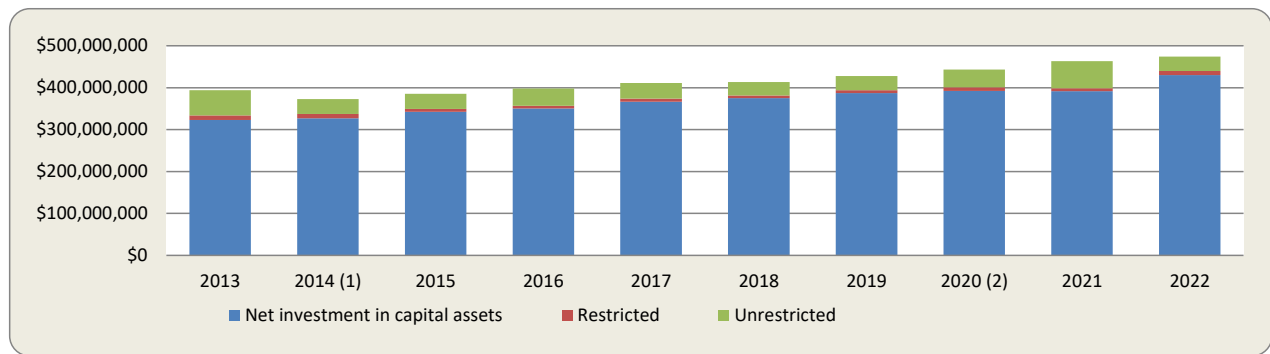
STATISTICAL SECTION

This part of the District's annual comprehensive financial report presents detailed information as a context for understanding what the information in the financial statements, note disclosures, and required supplementary information says about the District's overall financial health.

<u>Contents</u>	<u>Page</u>
Financial Trends	58 - 59
These schedules contain trend information to help the reader understand how the District's financial performance and well-being have changed over time.	
Revenue Capacity	60 - 66
These schedules contain information to help the reader assess the District's most significant local revenue source, water sales, hydroelectric sales, and property taxes.	
Debt Capacity	67 - 70
These schedules present information to help the reader assess the affordability of the District's current levels of outstanding debt and the District's ability to issue additional debt in the future.	
Economic and Demographic Information	71 - 72
These schedules offer demographic and economic indicators to help the reader understand the environment within which the District's financial activities take place.	
Operating Information	73 - 74
These schedules contain service and infrastructure data to help the reader understand how the District's financial information relates to the services the District provides and the activities it performs.	

Source: Unless otherwise noted, the information in these schedules is derived from the comprehensive annual financial reports for the relevant year.

Nevada Irrigation District
Table 1: Net Position by Component
 (Accrual Basis of Accounting)



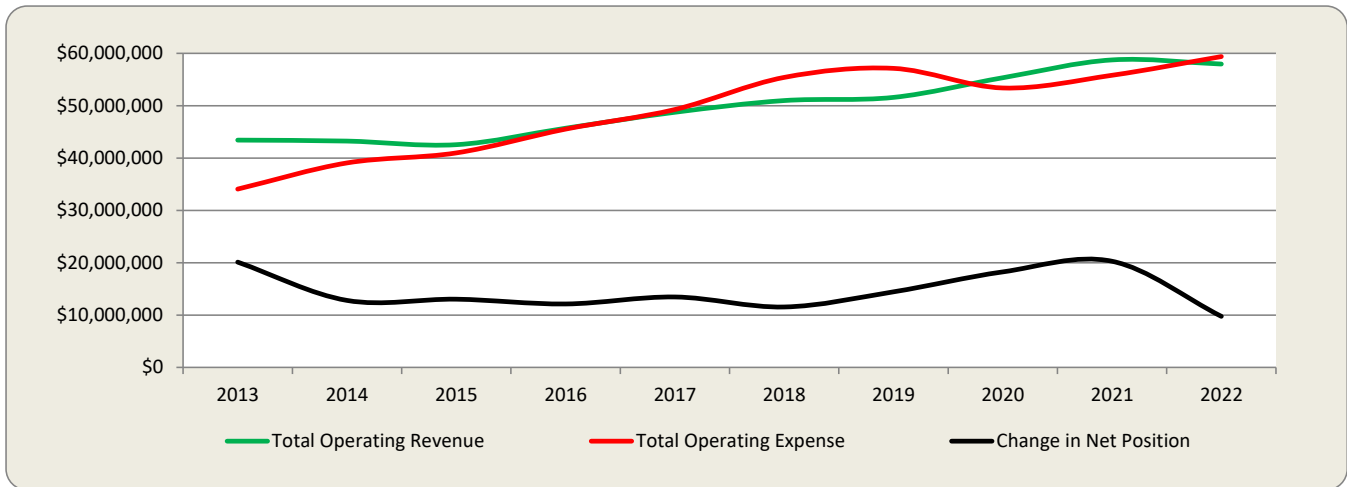
	2013	2014 (1)	2015	2016	2017	2018	2019	2020 (2)	2021	2022
Net Position:										
Net investment in capital assets	\$322,987,110	\$326,939,315	\$342,551,262	\$350,611,745	\$366,586,609	\$375,052,243	\$387,397,101	\$392,225,818	\$391,792,671	\$430,162,905
Restricted	10,763,551	10,109,236	6,801,736	6,338,459	7,138,137	6,163,398	6,840,404	8,402,601	6,721,953	9,476,697
Unrestricted	60,186,554	35,619,175	36,342,866	40,864,586	37,543,531	32,346,853	33,591,203	42,412,463	64,800,994	34,546,024
Total net position	\$393,937,215	\$372,667,726	\$385,695,864	\$397,814,790	\$411,268,277	\$413,562,494	\$427,828,708	\$443,040,882	\$463,315,618	\$474,185,626

Source: Nevada Irrigation District Finance Department

(1) Balances shown for 2014 were restated to reflect the implementation of GASB 68. Information needed to restate years prior to 2013 was not readily available.

(2) Balances prior to 2020 were not restated for the implementation of GASB 84 as information was not readily available

Nevada Irrigation District
Table 2: Changes in Net Position
 (Accrual Basis of Accounting)



	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Operating Revenues:										
Water sales	\$ 19,226,399	\$ 18,879,014	\$ 18,182,972	\$ 19,965,010	\$ 21,754,315	\$ 23,401,902	\$ 23,380,147	\$ 27,876,917	\$ 30,927,958	\$ 28,216,392
Electric power sales	21,560,091	21,547,522	20,938,643	22,559,519	23,662,146	23,526,675	24,193,843	24,022,283	24,268,428	25,023,700
Standby charges	77,343	199,031	127,318	124,533	128,868	135,886	129,822	78,055	150,133	145,150
Reimbursements	55,489	66,945	715,544	344,065	67,514	74,760	231,525	156,990	188,258	188,651
New connections and instl	245,965	172,943	391,315	225,972	419,977	865,917	261,310	1,354,008	616,641	1,019,482
Recreation fees	1,773,812	1,814,050	1,680,426	2,056,885	2,118,007	2,243,900	2,375,139	1,437,822	2,109,000	2,189,353
Other revenue	484,391	558,090	514,390	421,539	591,875	733,121	1,012,410	411,551	488,154	1,174,608
Total Operating Revenue	43,423,490	43,237,595	42,550,608	45,697,523	48,742,702	50,982,161	51,584,196	55,337,626	58,748,572	57,957,336
Operating Expenses										
Administration and general	11,296,190	15,038,106	16,857,254	20,237,948	23,799,490	26,749,348	28,947,484	23,711,660	23,732,844	28,554,855
Water treatment	4,243,379	5,125,173	5,038,911	7,394,700	6,862,080	7,457,698	7,857,776	7,736,964	8,678,225	8,875,055
Transmission and distr	9,082,023	8,675,374	9,595,141	8,152,298	8,656,311	9,954,565	9,392,383	10,429,784	10,488,119	9,262,865
Pumping	794,287	814,440	705,111	852,879	980,341	975,937	896,625	1,177,979	1,071,868	1,352,940
Depreciation and amort	8,648,909	9,410,296	8,781,131	8,887,242	8,971,611	10,263,639	10,036,247	10,331,117	11,841,003	11,337,412
Total Operating Expense	34,064,788	39,063,389	40,977,548	45,525,067	49,269,833	55,401,187	57,130,515	53,387,504	55,812,059	59,383,127
Nonoperating Rev (Exp)										
Taxes and assessments	9,750,780	10,108,508	10,707,911	11,363,997	11,750,933	12,331,723	13,092,532	13,452,475	14,188,393	15,599,521
Investment income	433,678	673,536	652,266	1,164,646	1,232,503	1,465,194	1,701,402	1,271,584	512,277	792,620
Other Interest Income	-	-	-	374,996	-	-	-	-	604,192	622,321
Unrealized gain/(loss)	-	-	(827,767)	(1,351,995)	150,798	-	1,336,793	-	(1,284,740)	(7,735,823)
Intergovernmental revenue	863,830	412,468	937,659	1,501,698	1,102,666	2,165,910	3,629,278	654,276	997,635	1,290,979
Rents and leases	84,532	73,534	165,720	206,923	158,024	228,926	172,684	170,889	190,165	453,148
Gain/(loss) on sale assets	1,067	(2,199,003)	(3,275)	17,535	324	(214,765)	(71,159)	(165,523)	(52,546)	129,628
Interest expense	(1,463,127)	(1,320,756)	(1,265,805)	(2,055,024)	(1,663,744)	(1,438,321)	(1,372,612)	(1,341,559)	(1,551,669)	(1,467,627)
Other non-operating expenses	-	-	(83,234)	148,412	-	-	-	(184,194)	-	-
Total Nonoperating	9,670,760	7,748,287	10,283,475	11,371,188	12,731,504	14,538,668	18,488,918	13,857,948	13,603,707	9,684,767
Income before contribution	19,029,462	11,922,493	11,856,535	11,543,644	12,204,373	10,119,642	12,942,599	15,808,070	16,540,220	8,258,976
Transfers and contributions										
Capacity charges	714,427	854,499	414,305	575,282	1,038,453	517,343	789,537	1,384,151	1,564,981	864,344
Special assessments - capital	-	-	-	-	-	-	-	371,034	428,879	357,782
Capital contributions	369,150	18,776	757,298	-	210,661	905,297	702,549	676,998	1,740,656	270,632
Transfers in (out)	-	-	-	-	-	-	-	-	-	-
Total Transfers and contri	1,083,577	873,275	1,171,603	575,282	1,249,114	1,422,640	1,492,086	2,432,183	3,734,516	1,492,758
Change in Net Position	\$ 20,113,039	\$ 12,795,768	\$ 13,028,138	\$ 12,118,926	\$ 13,453,487	\$ 11,542,282	\$ 14,434,685	\$ 18,240,253	\$ 20,274,736	\$ 9,751,734

Source: Nevada Irrigation District Finance Department

Nevada Irrigation District
Table 3: Treated Water Rates and Connection Fees
Effective January 1

	2013	2014	2015	2016	2017	2018	1/1-6/30/19	7/1-12/31/19	2020	1/1-6/30/2021	7/1/21-12/31/21 (Drought Stage 2)	01/01/22- 02/28/2022 (Drought Stage 2)	03/01/2022- 12/31/2022
Commodity Rate/HCF:													
Residential													
2 to 58 hc	\$ 1.53	\$ 1.62	\$ 1.72	\$ 1.82	\$ 1.93	\$ 2.05	\$ 2.05	\$ 2.17	\$ 2.29	\$ 2.42	\$ 2.99	\$ 2.99	\$ 2.42
Next 340	1.98	2.10	2.22	2.36	2.50	2.65	2.65	2.80	2.96	3.13	3.87	3.87	3.13
Over 400	-	-	-	-	-	-	-	-	-	-	-	-	-
Daily Base Charge (fixed based on meter size):													
5/8"	\$ 0.61	\$ 0.64	\$ 0.69	\$ 0.74	\$ 0.45	\$ 0.83	\$ 0.83	\$ 0.88	\$ 0.93	\$ 0.98	\$ 0.98	\$ 0.98	\$ 0.98
3/4"	0.91	0.97	1.04	1.10	1.17	1.24	1.24	1.31	1.39	1.47	1.47	1.47	1.47
1"	1.52	1.61	1.74	1.84	1.95	2.07	2.07	2.19	2.31	2.44	2.44	2.44	2.44
1.5"	3.04	3.22	3.47	3.68	3.90	4.14	4.14	4.37	4.62	4.89	4.89	4.89	4.89
2"	4.87	5.16	5.56	5.89	6.25	6.62	6.62	7.00	7.40	7.82	7.82	7.82	7.82
3"	9.12	9.67	10.42	11.05	11.71	12.41	12.41	14.00	14.80	15.65	15.65	15.65	15.65
4"	15.21	16.12	17.37	18.41	19.52	20.69	20.69	21.87	23.13	24.45	24.45	24.45	24.45
6"	30.42	32.24	34.74	36.83	39.04	41.38	41.38	43.74	46.25	48.89	48.89	48.89	48.89
8"	48.67	51.59	55.59	58.93	62.46	66.21	66.21	69.99	73.99	78.23	78.23	78.23	78.23
Daily Base Charge for Private Fire Lines (fixed based on meter size):													
1"	\$ 0.09	\$ 0.09	\$ 0.10	\$ 0.10	\$ 0.10	\$ 0.11	\$ 0.11	No Change	\$ 0.11	\$ 0.12	\$ 0.12	\$ 0.12	\$ 0.12
4"	0.52	0.54	0.57	0.58	0.60	0.62	0.64	No Change	0.65	0.67	0.67	0.67	0.67
6"	0.55	0.58	0.60	0.62	0.64	0.66	0.68	No Change	0.70	0.71	0.71	0.71	0.71
8"	0.61	0.64	0.67	0.68	0.71	0.74	0.76	No Change	0.77	0.79	0.79	0.79	0.79
Connection Fees													
5/8"	\$ 8,003.00	\$ 9,775.00	\$ 10,097.00	\$ 10,294.00	\$ 10,641.00	\$ 11,071.00	\$ 11,392.00	No Change	\$ 11,596.00	\$ 11,845.00	\$ 11,845.00	\$ 12,430.20	\$ 12,430.20
3/4"	11,317.00	13,859.00	14,317.00	14,598.00	15,090.00	15,700.00	16,156.00	No Change	16,446.00	16,799.00	16,799.00	17,726.70	17,726.70
1"	19,711.00	24,212.00	25,014.00	25,506.00	26,365.00	31,900.00	32,825.00	No Change	33,414.00	34,132.00	34,132.00	38,311.70	38,311.70
1.5"	43,810.00	53,913.00	55,703.00	56,799.00	58,710.00	65,581.00	67,482.00	No Change	68,694.00	70,170.00	70,170.00	76,864.60	76,864.60
2"	77,404.00	95,343.00	98,511.00	100,450.00	103,827.00	112,533.00	115,796.00	No Change	117,878.00	120,410.00	120,410.00	130,738.30	130,738.30
Over 2"	-	-	-	-	-	-	-	-	-	-	-	-	-

(1) 1st 10 hcf for 2 to 58 hcf, Next 340 hcf Over
Source: Nevada Irrigation District Finance Department

Nevada Irrigation District
Table 4: Hydroelectric Rates, Production, and Sales
Effective January 1

	2013	2014	2015	2016	2017	2018	2019	2020	2021
<u>Rates/(kwh)</u>									
Location: # Power Plants									
Chicago Park Powerhouse	\$ 0.11	\$ 0.17	\$ 0.14	\$ 0.06	\$ 0.05	\$ 0.08	\$ 0.07	\$ 0.14	\$ 0.16
Dutch Flat #2 Powerhouse	0.17	0.26	0.25	0.06	0.04	0.08	0.06	0.50	0.26
Rollins Powerhouse	0.06	0.19	0.18	0.07	0.06	0.09	0.08	0.12	0.18
Bowman Powerhouse	0.06	0.07	0.06	0.05	0.05	0.08	0.08	0.13	0.23
Scotts Flat Powerhouse	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.13	0.15
Combie South Powerhouse	0.09	0.09	0.09	0.09	0.10	0.09	0.10	0.07	0.10
Combie North Powerhouse	0.11	0.11	0.10	0.11	0.10	0.11	0.12	0.11	0.12
<u>Unit Availability</u>									
Location:									
Chicago Park Powerhouse	99.93%	99.67%	99.79%	99.79%	99.39%	99.69%	99.93%	99.95%	100.00%
Dutch Flat #2 Powerhouse	99.99%	99.93%	96.52%	99.55%	98.79%	99.99%	99.72%	99.71%	99.60%
Rollins Powerhouse	100.00%	100.00%	99.78%	97.97%	99.19%	99.57%	99.86%	99.91%	99.84%
Bowman Powerhouse	0%	0%	0%	0%	92.87%	97.25%	92.42%	99.54%	93.43%
Average	99.97%	99.87%	98.70%	99.10%	97.56%	99.13%	97.98%	99.78%	98.22%
<u>Generation/(kwh)</u>									
Location:									
Chicago Park Powerhouse	107,134,000	59,831,000	69,133,000	161,362,000	186,509,000	124,022,000	148,125,000	76,204,000	67,001,260
Dutch Flat #2 Powerhouse	19,301,000	19,912,000	21,793,000	90,897,000	144,680,000	68,557,000	100,439,000	11,715,000	22,857,333
Rollins Powerhouse	51,213,000	27,008,000	28,588,000	74,461,000	86,912,000	61,318,000	75,926,000	47,704,000	32,126,528
Bowman Powerhouse	6,280,200	5,083,000	3,952,800	14,700,000	20,462,400	13,920,000	14,274,000	8,897,000	4,882,023
Scotts Flat Powerhouse	4,471,000	2,891,000	2,228,000	3,911,000	4,107,600	4,412,000	4,953,000	3,596,000	2,591,000
Combie South Powerhouse	2,317,100	2,158,000	1,652,400	7,927,000	8,456,400	5,441,000	7,918,000	3,437,000	2,383,253
Combie North Powerhouse	1,587,000	1,370,000	1,279,000	1,855,000	2,167,200	1,466,000	1,680,000	1,183,000	1,091,400
Total	192,303,300	118,253,000	128,626,200	355,113,000	453,294,600	279,136,000	353,315,000	152,736,000	132,932,797
<u>Sales</u>									
Location:									
Chicago Park Powerhouse	\$ 11,474,067	\$ 10,156,075	\$ 9,688,911	\$ 9,856,454	\$ 10,014,437	\$ 10,131,747	\$ 10,311,570	\$ 10,465,264	\$ 10,626,541
Dutch Flat Powerhouse	3,291,586	5,247,154	5,417,285	5,573,524	5,526,812	5,621,379	5,725,698	5,800,114	5,892,408
Rollins Powerhouse	3,227,045	5,149,273	5,100,484	5,159,473	5,544,927	5,645,458	5,715,035	5,807,549	5,893,076
Bowman Powerhouse	372,104	374,415	255,516	722,338	1,043,161	1,110,355	1,081,741	1,118,961	1,100,881
Scotts Flat Powerhouse	399,675	274,400	209,302	357,684	355,583	383,750	407,545	467,468	392,942
Combie South Powerhouse	215,180	192,624	141,890	694,311	865,791	476,289	759,043	228,854	230,135
Combie North Powerhouse	172,502	152,041	125,255	195,735	227,850	157,697	193,211	134,073	132,445
Total	\$ 19,152,159	\$ 21,545,982	\$ 20,938,643	\$ 22,559,519	\$ 23,578,561	\$ 23,526,675	\$ 24,193,843	\$ 24,022,283	\$ 24,268,428

Source: Nevada Irrigation District Finance and Hydroelectric Department

Prior to 2013, NID was only reimbursed cost at the Chicago Park, Dutch Flat #2, and Rollins Powerhouses.

Bowman Powerhouse converted to availability based contract on January 1, 2017. No prior availability data is available.

Numerical information is only for CAFR statistical purposes and not related to contract agreement.

Generation/(kwh) information updated for years 2013-2019

Nevada Irrigation District
Table 5: Recreation Fees and Facilities
Effective January 1

	2013	2014	2015	2016	2017	2018 ⁽¹⁾	2019	2020 ⁽²⁾	2021	2022
<u>Sales</u>										
Location:										
Scotts Flat	\$ 778,515	\$ 768,982	\$ 663,142	\$ 790,761	\$ 937,907	\$ 954,933	\$ 1,103,784	\$ 655,843	\$ 927,780	\$ 1,008,198
Long Ravine	462,154	491,167	531,932	520,854	531,109	548,837	550,834	372,948	496,118	462,140
Orchard Springs	290,052	344,864	295,275	295,307	323,029	301,593	336,474	219,093	359,971	408,252
Peninsula	194,740	151,235	190,077	219,821	232,094	226,994	222,457	35,776	158,973	224,231
Jackson Meadows	-	-	-	230,026	93,868	181,656	161,188	154,162	166,159	73,191
Subtotal fees	1,725,461	1,756,248	1,680,426	2,056,769	2,118,007	2,214,014	2,374,737	1,437,822	2,109,000	2,176,012
Combie	-	-	-	116	-	29,887	402	32,376	33,928	459
Total	3,450,922	3,512,496	3,360,852	4,113,654	4,236,014	4,457,914	4,749,876	1,470,198	2,142,928	2,176,471
# Campsites:										
Scotts Flat	200	200	200	200	200	190	190	190	190	190
Long Ravine	101	101	101	101	101	101	101	101	101	101
Orchard Springs	91	91	91	91	91	99	99	99	99	99
Peninsula	70	70	70	70	70	73	73	73	73	73
Jackson Meadows	-	-	-	170	170	188	188	188	188	188
Total	462	462	462	632	632	651	651	651	651	651

Note: Rates vary by length of stay, vehicle type & occupants. Revenues consist of reservations, boat launch, store items, and royalties

Source: Nevada Irrigation District Finance and Recreation Department

Jackson Meadows Campground management changed from the Forest Service over to NID in 2016

Nevada Irrigation District
Table 6: Raw Water Rates and Connection Fees
Effective January 1

	2013	2014	2015	2016	2017	2018	1/1-6/30/19	7/1-12/31/19	2020	1/1-6/30/2021	7/1/21-12/31/21 (Drought Stage 2)	2022
0.25 MI	\$ 391.38	\$439.16	\$465.52	\$493.44	\$550.40	\$554.42	\$554.42	\$586.14	\$619.66	\$655.11	\$670.84	\$655.11
0.5	467.50	495.55	525.29	556.81	590.21	625.62	625.62	661.40	699.23	739.23	770.68	739.23
1	573.90	608.34	644.84	683.53	724.54	768.00	768.00	811.93	858.37	907.47	970.37	907.47
1.5	680.30	721.13	764.39	810.26	858.87	910.39	910.39	962.46	1,017.51	1,075.71	1,170.06	1,075.71
2	786.70	833.91	883.94	936.98	993.20	1,052.77	1,052.77	1,112.99	1,176.65	1,243.95	1,369.75	1,243.95
2.5	893.10	946.70	1,003.49	1,063.71	1,127.53	1,195.16	1,195.16	1,263.52	1,335.79	1,412.19	1,569.44	1,412.19
3	999.50	1,059.49	1,123.04	1,190.43	1,261.86	1,337.54	1,337.54	1,414.05	1,494.93	1,580.43	1,769.13	1,580.43
3.5	1,105.90	1,172.27	1,242.59	1,317.16	1,396.19	1,479.93	1,479.93	1,564.58	1,654.07	1,748.67	1,968.82	1,748.67
4	1,212.30	1,285.05	1,362.14	1,443.88	1,530.52	1,622.31	1,622.31	1,715.11	1,813.21	1,916.91	2,168.51	1,916.91
4.5	1,318.70	1,397.84	1,481.69	1,570.61	1,664.85	1,764.70	1,764.70	1,865.64	1,972.35	2,085.15	2,368.20	2,085.15
5	1,425.10	1,510.62	1,601.24	1,697.33	1,799.18	1,907.08	1,907.08	2,016.17	2,131.49	2,253.39	2,567.89	2,253.39
6	1,637.90	1,736.19	1,840.34	1,950.78	2,067.84	2,191.85	2,191.85	2,317.23	2,449.77	2,589.87	2,967.27	2,589.87
7	1,850.70	1,961.76	2,079.44	2,204.23	2,336.50	2,476.62	2,476.62	2,618.29	2,768.05	2,926.35	3,366.65	2,926.35
8	2,063.50	2,187.33	2,318.54	2,457.68	2,605.16	2,761.39	2,761.39	2,919.35	3,086.33	3,262.83	3,766.03	3,262.83
9	2,276.30	2,412.90	2,557.64	2,711.13	2,873.82	3,046.16	3,046.16	3,220.41	3,404.61	3,599.31	4,165.41	3,599.31
10	2,489.10	2,638.47	2,796.74	2,964.58	3,142.48	3,330.93	3,330.93	3,521.47	3,722.89	3,935.79	4,564.79	3,935.79
11	2,701.90	2,864.04	3,035.84	3,218.03	3,411.14	3,615.70	3,615.70	3,822.53	4,041.17	4,272.27	4,964.17	4,272.27
12	2,914.70	3,089.61	3,274.94	3,471.48	3,679.80	3,900.47	3,900.47	4,123.59	4,359.45	4,608.75	5,363.55	4,608.75
13	3,127.50	3,315.18	3,514.04	3,724.93	3,948.46	4,185.24	4,185.24	4,424.65	4,677.73	4,945.23	5,762.93	4,945.23
14	3,340.30	3,540.75	3,753.14	3,978.38	4,217.12	4,470.01	4,470.01	4,725.71	4,996.01	5,281.71	6,162.31	5,281.71
15	3,553.10	3,766.32	3,992.24	4,231.83	4,485.78	4,754.78	4,754.78	5,026.77	5,314.29	5,618.19	6,561.69	5,618.19
16	3,765.90	3,991.89	4,231.34	4,485.28	4,754.44	5,039.55	5,039.55	5,327.83	5,632.57	5,954.67	6,961.07	5,954.67
17	3,978.70	4,217.46	4,470.44	4,738.73	5,023.10	5,324.32	5,324.32	5,628.89	5,950.85	6,291.15	7,360.45	6,291.15
18	4,191.50	4,443.03	4,709.54	4,992.18	5,291.76	5,609.09	5,609.09	5,929.95	6,269.13	6,627.63	7,759.83	6,627.63
19	4,404.30	4,668.60	4,948.64	5,245.63	5,560.42	5,893.86	5,893.86	6,231.01	6,587.41	6,964.11	8,159.21	6,964.11
20+ per MI												
20	4,614.10	4,894.17	5,187.74	5,499.08	5,856.43	6,178.63	6,178.63	6,532.07	6,905.69	7,300.59	8,558.59	570.99
Per MI	212.80	225.57	239.10	253.45	268.66	284.77	284.77	301.06	318.28	336.48	399.38	336.48
Fixed Fee	361.10	382.77	405.74	430.08	455.88	483.23	483.23	510.87	540.09	570.99	570.99	570.99
Connection Fees For Irrigation Box												
1/2 - 25MI Box	\$ 1,042.00	\$ 1,089.00	\$ 1,119.00	\$ 1,139.00	\$ 1,180.00	\$ 1,230.00	\$ 1,266.00	No Change	\$ 1,288.00	\$ 1,316.00	No Change	\$ 1,554.00
26 - 40 MI Box	1,724.00	1,801.00	1,850.00	1,883.00	1,951.00	2,034.00	2,093.00	No Change	2,130.00	2,176.00	No Change	Actual Cost
Over 40 MI	-	-	-	-	-	-	-	-	-	-	-	-
Orificed Svc	966.00	1,009.00	1,036.00	1,055.00	1,093.00	1,139.00	1,172.00	No Change	1,193.00	1,219.00	No Change	\$ 1,160.50

Source: Nevada Irrigation District Finance Department

Nevada Irrigation District
Table 7: Water Sales and Production by Type
 Last Ten Fiscal Years

Fiscal Year	Treated	Raw	Other	Total Water Sales	Total Treated Water Deliveries (CCF)	Total Raw & Other Deliveries (Acre Feet)
2013	12,986,505	4,876,339	1,363,555	19,226,399	4,286,955	112,970
2014	12,561,235	5,222,372	1,095,407	18,879,014	3,932,684	117,566
2015	11,878,330	5,275,370	1,029,272	18,182,972	3,455,708	118,641
2016	13,311,605	5,771,850	881,555	19,965,010	3,157,246	119,385
2017	14,534,980	6,165,356	1,053,979	21,754,315	3,437,750	121,025
2018	15,708,875	6,479,399	1,213,628	23,401,902	3,567,185	121,173
2019	15,619,647	6,695,915	1,064,585	23,380,147	3,492,146	118,204
2020	18,721,988	7,221,430	1,933,499	27,876,917	3,835,449	120,141
2021	20,614,414	8,207,497	2,106,047	30,927,958	3,723,762	119,513
2022	18,401,521	7,605,011	2,209,861	28,216,393	3,835,357	121,036

Sources: Nevada Irrigation District Finance and Operations Department

Nevada Irrigation District

Table 8: Ten Largest Water Customers
Current Year and Nine Years Ago

Treated Water		2022	
Customer	Total Sales	Rank	% of Sales⁽¹⁾
Nevada Joint Union High School District	\$ 164,207	1	0.89%
County of Nevada	140,214	2	0.76%
Mercy Healthcare	94,950	3	0.52%
Forest Springs MHP	88,771	4	0.48%
Grass Valley, City of	85,527	5	0.46%
Oregon Investors	82,002	6	0.45%
Sutter Medical Foundation	74,550	7	0.41%
Rock Creek MHP	53,684	8	0.29%
J & H Asset Property Management	50,672	9	0.28%
Ponderosa Pines MHP	48,402	10	0.26%
Total	\$ 882,977		4.8%
Total Treated Water Sales	\$18,401,521		

Raw Water		2022	
Customer	Total Sales	Rank	% of Sales⁽¹⁾
Placer County Water Agency	\$ 437,902	1	5.76%
City of Grass Valley	406,616	2	5.35%
Lake of the Pines Association	73,212	3	0.96%
Hofman, C	73,126	4	0.96%
Lake Wildwood Association	68,438	5	0.90%
Ellis Family Enterprises LP	64,609	6	0.85%
City of Nevada City	58,343	7	0.77%
California Department of Fish Wildlife	55,145	8	0.73%
ACAT LLC	32,718	9	0.43%
Vineyard Brothers	29,455	10	0.39%
Total	\$ 1,299,564		17.09%
Total Raw Water Sales	\$7,605,011		

⁽¹⁾ Data not available for 2014

Nevada Irrigation District
Table 9: Principal Property Taxpayers
Current Year & Six Years Ago (2014-2015 first year District began reporting)

2021-2022					2014-2015				
Rank	Taxpayer	Primary Land Use	Taxable Assessed Value	Percentage of Total Taxable Assessed Value	Rank	Taxpayer	Primary Land Use	Taxable Assessed Value	Percentage of Total Taxable Assessed Value
1	Taylor Morrison of California LLC	Residential Properties	\$ 39,934,479	0.23%	1	RI-Grass Valley LLC	Commercial Store	\$ 20,699,842	0.17%
2	EREP Auburn Village I LP	Commercial Store	34,856,993	0.20	2	FW CA Auburn Village LLC	Commercial Store	19,430,000	0.16
3	JPS Development LLC	Commercial Store	26,653,333	0.15	3	Kanmawr-Nevada City LLC	Office Building	17,595,830	0.14
4	RI-Grass Valley LLC	Commercial Store	23,461,828	0.14	4	Target Corporation	Commercial Store	17,508,642	0.14
5	Target Corporation	Commercial Store	19,931,443	0.12	5	Longs Drug Stores California Inc.	Office Building	16,389,985	0.13
6	GVSC LLC	Commercial Store	17,945,908	0.10	6	GVSC LLC	Commercial Store	15,760,634	0.13
7	Longs Drug Stores California Inc.	Commercial Store	17,597,860	0.10	7	JPS Development LLC	Shopping Center	15,598,213	0.13
8	Winterfell Auburn Oaks CA Owner LP	Assisted Living Facility	17,037,224	0.10	8	VTR Quail Ridge LP	Assisted Living Facility	12,500,000	0.10
9	Sterling Point Station LLC	Commercial Store	16,817,934	0.10	9	Irish Patricia, Trustee	Industrial	12,375,631	0.10
10	Lowes HIW Inc.	Commercial Store	16,700,000	0.10	10	Lowes HIW Inc.	Commercial Store	12,000,000	0.10
11	GVC Property 18 LLC	Residential Properties	15,881,036	0.09	11	HD Development of Maryland Inc.	Commercial Store	11,841,850	0.10
12	HD Development of Maryland Inc.	Commercial Store	15,418,062	0.09	12	Safeway Inc.	Commercial Store	10,505,376	0.09
13	Safeway Inc.	Commercial Store	14,446,540	0.08	13	Cresleigh Homes Corporation	Residential	10,381,650	0.08
14	Raley's	Commercial Store	14,212,137	0.08	14	3830 Bronx Blvd. Associates LLC	Commercial Store	9,990,149	0.08
15	VTR Quail Ridge LP	Assisted Living Facility	14,156,347	0.08	15	Auburn Plaza LLC	Shopping Center	9,217,950	0.07
16	North State Grocery Inc. (Lessee)	Commercial Store	13,537,307	0.08	16	Mahogany Investments LLC	Commercial Store	8,973,054	0.07
17	KRE Tiger Grass Valley LLC	Assisted Living Facility	13,276,384	0.08	17	Nine Plus LLC, et. Al.	Industrial	8,779,036	0.07
18	Auburn Plaza LLC	Shopping Center	13,035,209	0.08	18	Emerichip Emerald Hills LLC	Assisted Living Facility	8,474,270	0.07
19	Auburn RE LLC	Assisted Living Facility	12,509,024	0.07	19	Andrew L. and Shana A. Laursen, Trustees	Residential	8,458,230	0.07
20	Grass Valley Glade MHP Associates LP	Mobile Home Park	12,287,215	0.07	20	Grass Valley Glade MHP Associates LP	Mobile Home Park	8,297,000	0.07
Total			\$ 389,696,263	2.14%	Total			\$ 254,777,342	2.06%
Total Secured Assessed Valuation:			\$17,277,345,751		Total Secured Assessed Valuation:			\$12,354,631,861	

Source: California Municipal Statistics, Inc.

Nevada Irrigation District
Table 10: Ratios of Outstanding Debt by Type
 Last Ten Fiscal Years

Fiscal Year	State of California DWR Loans	Certificates of Participation	2011 Revenue Bonds ⁽²⁾	2016 Revenue Bonds	2020 Revenue Bonds	Note Payable	Total Debt	% of Personal Income	Per Capita	Imp District Bonds ⁽¹⁾
		2005								
2013	9,008,290	2,960,000	26,523,260	-	-	100,000	38,591,550	0.16%	82.99	602,700
2014	8,756,023	1,935,000	25,386,775	-	-	50,000	36,127,798	0.14%	76.89	584,500
2015	7,560,214	-	23,255,000	-	-	-	30,815,214	0.11%	64.97	565,400
2016	6,719,175	-	22,115,000	24,716,469	-	-	53,550,644	0.19%	111.65	565,400
2017	6,258,389	-	20,950,000	23,866,037	-	-	51,074,426	0.17%	104.51	545,300
2018	5,771,019	-	20,450,833	22,987,254	-	-	49,209,106	0.15%	99.29	449,400
2019	5,288,888	-	19,104,348	22,078,471	-	-	46,265,606	0.14%	93.87	428,500
2020	4,784,523	-	-	20,936,938	17,589,454	-	43,310,915	N/A	86.96	406,700
2021	4,259,440	-	-	19,966,507	15,998,131	-	40,224,078	0.19%	77.99	359,700
2022	3,742,594	-	-	18,961,076	14,516,807	-	37,220,477	0.16%	N/A	334,400

Note: Details regarding the District's debt can be found in the notes to the financial statements.

Revenue bond debt is principal net of premiums/discounts.

(1) The \$406,700 due from the Rodeo Flat Improvement District represents the Rodeo Flat Improvement Bonds for which the District is the bondholder.

(2) 2011 Revenue bonds were refinanced with 2020 revenue bonds.

Notes to the basic financial statements, Note 3.

Source: Nevada Irrigation District Finance Department

Nevada Irrigation District
Table 11: Computation of Direct and Overlapping Bonded Debt
December 31, 2022

2021-22 Assessed Valuation: \$17,611,056,229

	Total Debt 12/31/2022	% Applicable (1)	District's Share of Debt 12/31/22
<u>DIRECT AND OVERLAPPING TAX AND ASSESSMENT DEBT:</u>			
Sierra Joint Community College District School Facilities Improvement District No.	\$21,296,823	84.91%	\$18,082,068
Sierra Joint Community College District School Facilities Improvement District No.	148,025,000	7.017	10,386,914
Western Placer Unified School District	106,315,000	25.855	27,487,743
Nevada Joint Union High School District	47,695,000	84.424	40,266,027
Placer Union High School District	18,352,419	15.737	2,888,120
Placer Union High School District School Facilities Improvement District No. 1	39,840,000	35.493	14,140,411
Placer Union High School District School Facilities Improvement District No. 2	38,095,000	4.793	1,825,893
Grass Valley School District	17,170,000	79.020	13,567,734
Loomis Union School District	690,000	0.088	607
Nevada Irrigation District	0	100.000	0
California Municipal Finance Authority Community Facilities District No. 2021-13	13,520,000	100.000	13,520,000
City of Lincoln Community Facilities District No. 2003-1	54,485,000	19.855	10,817,997
Western Placer Unified School District Community Facilities District No. 1	26,672,352	0.031	81,884
Western Placer Unified School District Community Facilities District No. 2	34,980,000	19.756	6,910,649
City of Lincoln 1915 Act Bonds	11,292,000	26.804	3,026,708
California Statewide Communities Development Authority 1915 Act Bonds	5,857,631	0.072-100.	5,385,099
TOTAL DIRECT AND OVERLAPPING TAX AND ASSESSMENT DEBT			\$168,387,854
<u>OVERLAPPING GENERAL FUND DEBT:</u>			
Nevada County General Fund Obligations	\$26,819,310	53.380%	\$14,316,148
Nevada County Office of Education General Fund Obligations	736,300	53.380	393,037
Placer County General Fund Obligations	81,565,000	6.087	4,964,862
Placer County Office of Education Certificates of Participation	245,000	6.087	14,913
Sierra County Pension Obligation Bonds	17,985,000	0.011	1,978
Sierra Joint Community College District Certificates of Participation	997,000	14.937	148,922
Western Placer Unified School District General Fund Obligations	138,242,598	25.855	35,742,624
Auburn Union School District General Fund Obligations	31,505,863	38.264	12,055,403
Other School District General Fund Obligation	1,992,213	Various	1,395,413
City of Auburn Pension Obligation Bonds	18,805,000	3.205	602,700
City of Lincoln General Fund Obligations	12,110,000	21.672	2,624,479
City of Grass Valley General Fund Obligations	3,846,038	60.060	2,309,930
Auburn Area Recreation and Park District General Fund Obligations	2,016,000	27.451	553,412
Placer Mosquito & Vector Control District General Fund Obligations	1,854,000	6.087	112,853
TOTAL OVERLAPPING GENERAL FUND DEBT			\$75,236,674
<u>OVERLAPPING TAX INCREMENT DEBT (Successor Agencies):</u>			
Placer County Tax Allocation Bonds	\$15,730,000	8.126%	\$1,278,220
City of Grass Valley Tax Allocation Bonds	7,265,000	12.881	935,805
TOTAL OVERLAPPING TAX INCREMENT DEBT			\$2,214,025
TOTAL DIRECT DEBT			\$0
TOTAL OVERLAPPING DEBT			\$245,838,553
COMBINED TOTAL DEBT			\$245,838,553 (2)

(1) The percentage of overlapping debt applicable to the district is estimated using taxable assessed value. Applicable percentages were estimated by determining the portion of the overlapping district's assessed value that is within the boundaries of the district divided by the overlapping district's taxable assessed value.

(2) Excludes tax and revenue anticipation notes, enterprise revenue, mortgage revenue and non-bonded capital lease obligations.

Ratios to 2021-22 Assessed Valuation:

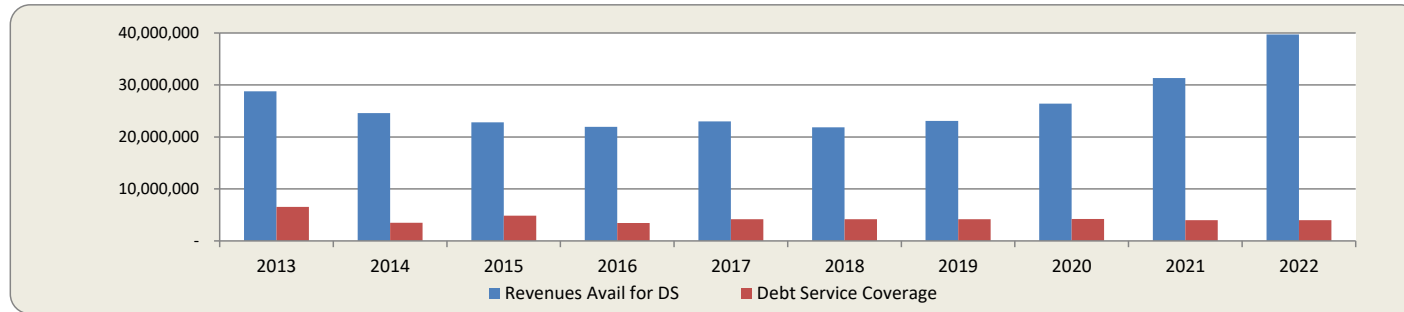
Direct Debt	0.00%
Total Direct and Overlapping Tax and Assessment Debt	0.96%

Nevada Irrigation District
Table 12: Ratio of Annual Debt Service Expenses for All Debt to Total General Expenses
 Last Ten Fiscal Years

Fiscal Year	Principal	Interest	Total Debt Service	Total Operating Expenses	Ratio of Debt Service to Total Operating Expenses
2013	5,670,628	1,463,127	7,133,755	34,064,788	20.94%
2014	2,400,467	1,320,756	3,721,223	39,063,389	9.53%
2015	4,275,809	1,265,805	5,541,614	40,977,548	13.52%
2016	1,951,039	1,885,641	3,836,680	45,525,067	8.43%
2017	2,175,800	2,013,888	4,189,688	49,269,833	8.50%
2018	2,255,900	1,933,974	4,189,874	55,401,187	7.56%
2019	2,352,130	1,837,419	4,189,549	57,130,515	7.33%
2020	2,469,366	1,730,221	4,199,587	53,387,504	7.87%
2021	2,625,083	1,354,417	3,979,500	55,812,059	7.13%
2022	2,541,846	1,425,010	3,966,855	59,383,127	6.68%

Source: Nevada Irrigation District Finance Department

Nevada Irrigation District
Table 13: Debt Service Coverage
Last Ten Fiscal Years



	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Water Operating Revenue										
Water Sales	\$ 19,226,401	\$ 18,879,014	\$ 18,182,972	\$ 19,965,010	\$ 21,754,315	\$ 23,401,901	\$ 23,380,147	\$ 27,876,917	\$ 30,927,958	\$ 28,216,392
Other Sales	1,670,952	977,335	3,374,192	3,121,891	3,326,241	3,999,864	3,736,699	1,869,540	1,439,965	1,929,386
Total Operating	20,897,353	19,856,349	21,557,164	23,086,901	25,080,556	27,401,765	27,116,846	29,746,457	32,367,923	30,145,778
Other Revenues⁽¹⁾										
1% Property Taxes	9,750,780	10,108,508	10,707,911	11,363,997	11,750,933	12,331,723	13,092,532	13,452,475	14,188,393	16,699,621
Interest Earned	419,444	633,073	446,313	(51,388)	1,534,099	1,281,588	1,701,402	1,271,584	1,116,469	1,414,941
Grants	-	412,468	937,659	1,501,698	1,102,666	2,165,910	3,629,278	654,276	997,635	1,290,979
Other Revenues	84,148	73,439	165,016	206,283	157,512	228,510	172,268	170,889	106,185	453,148
Total Other	10,254,372	11,227,488	12,256,899	13,020,590	14,545,210	16,007,731	18,595,480	15,549,224	16,408,682	19,858,689
Total Water Revenues	31,151,725	31,083,837	33,814,063	36,107,491	39,625,766	43,409,496	45,712,326	45,295,681	48,776,605	50,004,467
Water O & M Costs⁽²⁾	18,989,137	22,484,107	25,573,767	28,862,448	31,097,658	36,266,708	37,988,003	34,745,663	35,085,620	19,545,794
Net Water Revenues	12,162,588	8,599,730	8,240,296	7,245,043	8,528,108	7,142,788	7,724,323	10,550,018	13,690,985	30,458,673
Hydro Revenues	21,630,775	21,607,754	21,200,110	22,475,301	23,662,146	23,580,395	24,467,350	24,150,055	24,268,428	25,023,700
Hydro O & M⁽³⁾	5,006,891	5,610,905	6,622,660	7,775,377	9,200,564	8,870,840	9,106,265	8,310,724	6,622,086	15,784,791
Net Hydro Revenues	16,623,884	15,996,849	14,577,450	14,699,924	14,461,582	14,709,555	15,361,085	15,839,331	17,646,342	9,238,909
Revenues Avail for DS	28,786,472	24,596,579	22,817,746	21,944,967	22,989,690	21,852,343	23,085,408	26,389,349	31,337,328	39,697,582
Debt Service										
2002 COPs	\$ 1,060,875	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2005 COPs	1,108,300	1,110,663	1,968,863	-	-	-	-	-	-	-
2011A Revenue Bonds	1,547,269	2,081,219	2,078,218	2,084,219	2,074,644	2,077,969	2,077,144	2,077,269	-	-
2016A Revenue Bonds	-	-	-	354,787	1,503,850	1,500,725	1,500,225	1,500,225	1,502,600	1,503,225
2020A Revenue Bonds	-	-	-	-	-	-	-	-	1,845,423	1,852,450
Yuba Bear Bonds ⁽⁴⁾	2,555,000	-	-	-	-	-	-	-	-	-
CDPH Loan, Other	267,450	305,343	806,035	1,011,179	611,194	611,180	611,180	622,093	631,477	611,181
Total Debt Service	6,538,894	3,497,225	4,853,116	3,450,185	4,189,688	4,189,874	4,188,549	4,199,587	3,979,500	3,966,856
Debt Service Coverage	4.40	7.03	4.70	6.36	5.49	5.22	5.51	6.28	7.87	10.01

Notes

(1) Excludes Contributed Capital, Disposal of capital assets - gain/(loss), Unrealized gain/(loss) on investment, Capacity Fees, Transfer In/(Out), includes Recreation Revenues.

(2) Excludes Depreciation and amortization, includes Recreation expenses.

(3) Prior to 2013, portions of Hydroelectric O&M was covered by PG&E contract and are difficult to estimate, Yuba Bear Bonds were considered. Hydro's Revenue & O&M taken from Series 2011A Official Statement.

(4) The 1963 Yuba Bear Revenue Bonds were no longer outstanding after July 1, 2013.

Source: Nevada Irrigation District Finance Department

Nevada Irrigation District
Table 14: Labor Force and Employment for Counties Served (Nevada & Placer)
Current Year and Ten Years Ago

Placer County							
Fiscal Year 2021				Fiscal Year 2013			
		Annual average				Annual average	
		%				%	
		employment				employment	
<u>Industry Title</u>	<u>Rank</u>			<u>Industry Title</u>	<u>Rank</u>		
Civilian employment	1	27%	178,700	Civilian Employment	1	28%	161,500
Total Non Farm	2	26%	175,900	Total Non Farm	2	25%	141,000
Service/Private service providing	3	23%	151,000	Service Providing	3	22%	125,000
Educational and Health Services	4	5%	30,700	Trade, Transportation and Utilities	4	5%	28,600
Goods-Producing	5	4%	24,900	Educational and Health Services	5	4%	23,000
Professional and Business Services	6	4%	23,900	Retail Trade	6	4%	21,500
Retail Trade	7	3%	23,000	Leisure and Hospitality	7	4%	20,200
Leisure and Hospitality	8	3%	22,400	Local Government	8	3%	17,600
Mining, Logging, and Construction	9	3%	18,900	Goods Producing	9	3%	16,000
Local Government	10	3%	17,900	Accommodation & Food Services	10	3%	15,900
Total, All Industries		100%	<u>667,300</u>	Total, All Industries		100%	<u>570,300</u>

Nevada County							
Fiscal Year 2021				Fiscal Year 2013			
		Annual average				Annual average	
		%				%	
		employment				employment	
<u>Industry Title</u>	<u>Rank</u>			<u>Industry Title</u>	<u>Rank</u>		
Service/Private service providing	1	27%	48,110	Civilian Employment	1	26%	44,060
Civilian employment	2	25%	44,460	Service/Private Service Providing	2	27%	45,050
Total Non Farm	3	18%	31,620	Total Non Farm	3	17%	29,430
Total Private	4	14%	25,550	Total Private	4	14%	23,460
Local Government	5	3%	5,360	Local Government	5	3%	5,150
Educational and Health Services	6	3%	5,240	Private Educational and Health Services	6	3%	4,990
Leisure and Hospitality	7	3%	4,610	Trade, Transportation and Utilities	7	3%	4,670
Goods-Producing	8	3%	4,530	Leisure and Hospitality	8	3%	4,560
Retail Trade	9	2%	4,080	Goods Producing	9	2%	3,920
Mining, Logging, and Construction	10	2%	3,240	Retail Trade	10	2%	3,770
Total, All Industries		100%	<u>176,800</u>	Total, All Industries		100%	<u>169,060</u>

Sources:

EDD Annual Census of Employment and Wages

Retrieved from: <https://www.labormarketinfo.edd.ca.gov/qcew/qcew-select.asp>

Nevada Irrigation District
Table 15: Demographic and Economic Statistics
 Last Ten Fiscal Years

	Population		Total Personal Income		Per Capita Personal Income		Unemployment	
	<u>Nevada County</u>	<u>Placer County</u>	<u>Nevada County</u>	<u>Placer County</u>	<u>Nevada County</u>	<u>Placer County</u>	<u>Nevada County</u>	<u>Placer County</u>
2012	98,137	360,263	\$ 4,876,258,000	\$ 18,917,813,000	\$ 49,688	\$ 52,511	9.90%	9.50%
2013	98,761	366,182	\$ 4,908,213,000	\$ 19,543,115,000	\$ 49,698	\$ 53,370	8.20%	7.80%
2014	99,649	370,255	\$ 5,202,450,000	\$ 20,675,618,000	\$ 52,208	\$ 55,842	6.60%	6.30%
2015	100,009	374,135	\$ 5,390,503,000	\$ 22,167,603,000	\$ 53,900	\$ 59,250	5.50%	5.10%
2016	100,485	380,580	\$ 5,647,546,000	\$ 23,334,579,000	\$ 56,203	\$ 61,313	4.80%	4.50%
2017	101,226	387,160	\$ 5,744,967,000	\$ 24,524,994,000	\$ 56,754	\$ 63,346	4.10%	3.90%
2018	101,530	394,841	\$ 5,865,134,000	\$ 25,750,860,000	\$ 57,767	\$ 65,218	3.50%	3.20%
2019	101,962	401,317	\$ 6,256,190,000	\$ 27,430,466,000	\$ 61,358	\$ 68,351	3.40%	3.10%
2020	102,199	405,741	\$ 6,709,554,000	\$ 29,724,947,000	\$ 65,652	\$ 73,261	8.10%	7.50%
2021	103,487	412,300	\$ 7,137,821,000	\$ 31,684,782,000	\$ 68,973	\$ 76,849	5.70%	5.10%

Nevada Irrigation District
Table 16: Water System Capital Asset and Operating Indicators
Last Ten Fiscal Years

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Facilities:										
# of Treatment Plants	7	7	7	7	7	6	6	6	6	6
Plant Capacity (MGD)	41.7	41.7	41.7	41.7	41.7	41.4	41.4	41.4	41.4	41.4
# of Reservoirs	10	10	10	10	9	9	9	9	9	9
# of Hydroelectric Power Plants	7	7	7	7	7	7	7	7	7	7
Canals (miles)	475	475	475	475	475	475	475	475	475	519
Pipelines (miles)	400	400	400	400	401	405	406	411	411	432
# of Fire Hydrants ⁽¹⁾	-	-	2,449	2,478	2,514	2,554	2,566	2,592	2,593	2,606
# of Valves ⁽¹⁾	-	-	3,643	3,689	3,798	3,814	3,848	3,875	3,928	3,960
# of Pumping Stations ⁽¹⁾	-	-	21	22	24	24	24	24	24	24
Water Supply Available (AF):										
Watershed Runoff	89,763	120,041	77,378	253,180	582,626	172,966	256,853	128,661	109,746	167,880
Carryover Storage	147,408	179,724	149,930	242,431	211,776	177,141	199,872	162,960	176,943	211,513
PG&E Contract Water	59,361	34,400	25,716	59,361	59,361	59,361	59,361	37,128	30,073	31,837
Total Water Supply	296,532	334,165	253,024	554,972	853,763	409,468	516,086	328,749	316,762	411,230
Water Supply Delivered: (AF)										
Treated	9,496	8,410	8,521	7,202	7,892	8,189	8,015	8,805	8,548	7,814
Raw	112,970	117,566	118,641	119,385	121,025	121,173	118,204	120,141	119,513	121,036
Total Water Supply Delivered	122,466	125,976	127,162	126,587	128,917	129,362	126,219	128,946	128,061	128,850
Connections:										
Treated Water	18,701	18,991	19,077	19,135	19,282	19,432	19,519	19,667	19,782	19,901
Irrigation	4,661	4,913	4,963	5,128	5,220	5,186	5,188	5,215	5,237	5,288
Total Connections	23,362	23,904	24,040	24,263	24,502	24,618	24,707	24,882	25,019	25,189

Note: (1) Data not available from 2013 through 2014

Source: Nevada Irrigation District Finance and Operations Department

Nevada Irrigation District
Table 17: Full Time Equivalent
Last Ten Fiscal Years

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Management										
Administration	4	4	5	5	6	6	5	5	5	5
Central Files	3	3	3	3	3	4	3	3	2	2
Human Resources	2	2	2	2	3	3	3	3	3	2
Safety	1	1	1	1	1	2	2	2	2	2
Watershed				1	1	1	1	1	2	2
Engineering	20	20	19	20	18	19	20	17	19	18
Finance										
Accounting	6	6	7	7	6	7	7	7	7	9
Information Technology	2	3	3	3	3	3	3	3	3	4
Purchasing	5	6	5	5	5	5	5	5	5	4
Hydroelectric	25	22	21	24	25	28	31	29	35	34
Recreation	5	6	7	9	7	9	9	9	9	7
Maintenance										
Operations	52	55	61	62	65	66	56	56	63	57
Shop Operations	2	2	3	3	3	3	4	4	4	4
Vegetation						6	6	6	6	6
Water										
Operations/Treatment	31	29	34	45	43	46	41	41	32	43
Cashiering	1	1	2	2	2	2	2	2	2	1
Customer Service (Includes Dispatchers)	3	5	6	6	7	9	10	10	9	9
Total FTEs	162	165	179	197	198	219	208	203	208	209