

# **Annual Comprehensive Financial Report**

Year ended September 30, 2021

# **Northern Colorado Water Conservancy District**

Berthoud, Colorado



Issued by:
Northern Colorado Water Conservancy District
with the assistance of the
Financial Services Department, Northern Water



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# **INTRODUCTION**

The introduction provides a framework for understanding Northern Water and a guide to its Annual Comprehensive Financial Report. The section provides an overview of Northern Water's enterprise funds, while shedding light on the current local economy, major initiatives and more.



March 28, 2022

To the Board of Directors of Northern Water,

We are pleased to transmit the Annual Comprehensive Financial Report of the Northern Colorado Water Conservancy District (Northern Water) as of and for the year ended September 30, 2021.

Northern Water's management assumes full responsibility for the completeness and reliability of the information contained in this report, based upon a comprehensive framework of internal controls that it has established for this purpose. Internal controls are designed to provide Northern Water's management with reasonable, but not absolute, assurance regarding the safeguarding of assets against loss from unauthorized use or disposition and the overall reliability of the financial records for preparing financial statements and for maintaining accountability and control over Northern Water's assets. The concept of reasonable assurance recognizes that the cost of a control should not exceed the benefits likely to be derived. The evaluation of costs and benefits requires estimates and judgments by management.

Plante & Moran, PLLC (Plante Moran), a certified public accounting and consulting firm, has issued unmodified opinions on the Northern Water financial statements for the year ended September 30, 2021. The independent auditors' report is located on page 19.

Management's Discussion and Analysis, located on page 21, provides a narrative introduction, overview and analysis of the basic financial statements. Management's Discussion and Analysis complements, and should be read in conjunction with, this letter of transmittal.

#### **Profile of Northern Water**

Northern Water is a public agency created in 1937 to partner with the U.S. Bureau of Reclamation (Reclamation) in the construction and operation of the Colorado-Big Thompson (C-BT) Project. The C-BT Project diverts, stores and regulates water from the Colorado River on the West Slope of the Continental Divide to the East Slope of the Rocky Mountains. C-BT Project water provides supplemental irrigation for more than 615,000 acres of farm and ranch land and supplements the water needs of over 1 million people in the eight Northern Colorado counties within the Northern Water boundaries. The C-BT Project became fully operational in 1957 and today delivers on average more than 212,000 acre-feet of water annually.

Northern Water's mission is to provide water resources management, project operations and conservation services for project beneficiaries. Its vision is to be a leader in ensuring a secure water future for Northern Colorado by collecting and delivering water, protecting and conserving water supplies, planning and implementing new water supply projects, cultivating operational and organizational excellence and maintaining and strengthening relationships.

The values and principles Northern Water adheres to as it works toward its mission are:

- Solution-oriented service
- Regional cooperation
- Collaborative, proactive and progressive leadership
- Water resources conservation
- Environmental stewardship
- Personal and corporate ethical integrity and professionalism

Northern Water's financial structure is defined by Colorado's Water Conservancy Act, C.R.S. §37-45-101 et. seq., and its contract with Reclamation, the Contract Between the United States and the Northern Colorado Water Conservancy District Providing for the Construction of the Colorado-Big Thompson Project, Colorado (Repayment Contract). Northern Water establishes water assessment rates in accordance with terms of perpetual allotment contracts with water users for delivery of wholesale C-BT Project water for use within Northern Water boundaries. Water users are charged based on allotment units held, independent of actual water deliveries. In addition, Northern Water collects a voter-approved 1 mil levy property tax on real property located within its boundaries in accordance with the Repayment Contract. Northern Water charges for services provided to the Northern Water enterprise funds, the Municipal Subdistrict of the Northern Colorado Water Conservancy District (Subdistrict), Reclamation and others.

Northern Water owns the following water activity enterprises, which are government-owned businesses within the meaning of Article X, Section 20 of the Colorado Constitution: the Southern Water Supply Project Water Activity Enterprise created in 1993, the Pleasant Valley Pipeline Project Water Activity Enterprise created in 1999, the Northern Integrated Supply Project Water Activity Enterprise created in 2003, and the Northern Water Hydropower Water Activity Enterprise created in 2010. In addition, Northern Water has a Pension Trust fund, a defined benefit retirement plan, which was closed to new participants as of 2003.

#### **Northern Water**

Northern Water and Reclamation individually own portions of and jointly operate and maintain the C-BT Project, a large transmountain diversion, storage and delivery system. The project includes dams, dikes, reservoirs, powerplants, pumping plants, pipelines, tunnels, transmission lines, substations and other associated structures. These structures are for single purpose water distribution; single purpose power generation; or multipurpose, serving or benefitting both water supply and power generation. Northern Water bears the cost of single purpose water distribution features. Reclamation bears the cost of single purpose power generation features. Northern Water and Reclamation share the cost of multipurpose water and power generation works.

In addition to the C-BT Project and the activities and operations of its other enterprise funds, Northern Water engages in water management and planning activities for the purpose of meeting present and future water supply needs of water users. Northern Water is committed to actively engaging in working collaboratively and maintaining relationships with other water users, governing bodies and stakeholders to promote proactive solutions to Northern Colorado's water challenges.

# **Southern Water Supply Project Enterprise Fund**

Southern Water Supply Project Enterprise Fund (SWSP) was developed to convey C-BT Project and Windy Gap Project water supplies to areas located within Northern Water and Subdistrict boundaries through 113 miles of pipeline. A second 20-mile pipeline was completed in early 2020. Both pipelines are operated and maintained by Northern Water for the benefit of project participants. The participants fully funded construction of both pipelines and provide ongoing cash requirements.

# **Pleasant Valley Pipeline Project Enterprise Fund**

In 2004, the Pleasant Valley Pipeline Project Enterprise Fund (PVP) project was constructed to increase water reliability and flexibility for project participants on the East Slope using an 8.5-mile reversible flow pipeline. The project is maintained by Northern Water for the benefit of project participants who fully funded construction costs and provide ongoing cash requirements.

### **Northern Integrated Supply Project Enterprise Fund**

Northern Integrated Supply Project Enterprise Fund (NISP) is a collaborative effort to develop new water supplies along with a storage and distribution system that will supply water to 15 participants located in Northern Water boundaries. See further discussion below.

# **Northern Water Hydropower Enterprise Fund**

The Northern Water Hydropower Enterprise Fund (Hydropower) was established to construct and operate small hydropower plants. Hydropower currently owns and operates the Robert V. Trout Hydropower Plant at Carter Lake and the Granby Hydropower Plant at Lake Granby. The two plants became operational in 2012 and 2016, respectively, and, combined, generated almost 14 million kwh of energy in 2021. Energy is sold to local electric utilities. Construction of the plants was funded through debt and interfund financing. Revenue from energy sales provides all operating and debt service cash requirements.

#### **Highlights**

#### **District Enterprise Fund**

- In 2021 Northern Water partnered with Grand County and others in the NRCS Emergency Watershed Protection program and CWCB grant programs to implement watershed restoration efforts in areas impacted by the East Troublesome Fire.
- The Campus Development Project kicked off in 2021 with construction starting on Phase I of the Berthoud campus improvements and the new Willow Creek campus on the West Slope.
- Certificates of Participation, Series 2021 were issued to fund the Campus Development Project.
- Northern Water's defined benefit plan was fully funded as of the plan's December 31, 2020, calendar year end.



Northern Water participated with Grand County for the NRCS Emergency Watershed Protection program to help in watershed recovery efforts from the East Troublesome Fire in late 2020.

# **Southern Water Supply Project**

 SWSP's Eastern Pump Plant, a \$10 million project to increase capacity in the SWSP pipeline, neared completion and became operational in December 2021. The project was fully funded by SWSP participants.

# **Northern Integrated Supply Project**

- In 2021, NISP invested almost \$9 million in land acquisitions to secure acreage for future project development sites.
- The NISP project continues design and permitting efforts.



The Eastern Pump Plant neared completion in 2021.

#### **MAJOR ACTIVITIES AND INITIATIVES**

#### **Northern Water**

# **Emergency Watershed Protection Program**

In October 2020, Grand County was devastated by the East Troublesome Fire that burned almost 200,000 acres before it was contained six weeks later. A significant portion of the burn area was located above the C-BT Project's West Slope Collection System in the Upper Colorado River Basin. Northern Water has provided a leadership role for portions of the post-fire watershed restoration effort. Northern Water has partnered with Grand County to co-sponsor and collaborate with the Three Lakes Watershed Association, the Middle Park Conservation District, and the Colorado River Water Conservation District and others to implement the Natural Resources Conservation Service (NRCS) Emergency Watershed



Inspections of the aerial mulching took place in September 2021.

Protection (EWP) Program recovery effort for areas impacted by the fire. Implementation of the EWP Program reached approximately 350 landowners and the work was completed by multiple contractors and consultants.

The EWP Program's purpose is to implement watershed protection projects that mitigate risks to life and property caused by sudden watershed impairments such as post-fire flooding, sediment loading and debris flows. Watershed protection is vital to Northern Water to help maintain high water quality and minimize changes in operations or damage to C-BT facilities that could occur from increased sediment and debris and degraded water quality. Using funds through the EWP Program, matched with money from the Colorado Water Conservation Board (CWCB), Northern Water and Grand County have worked to develop projects to mitigate hillslope erosion, install debris booms to protect key water infrastructures, manage increased sediment load and preemptively remove debris. Seeding and mulching to mitigate increased post-fire hillslope erosion was applied to approximately 5,200 acres. As of September 30, 2021, approximately \$14.2 million had been invested in the watershed protection effort and grant reimbursements of \$12.3 million had been requested. The program extends through August 2022 with continued efforts on hillslope erosion, sediment management and general flood protection practices.

# **Campus Development Project**

With growth to both present operations as well as anticipated needs for projects currently under construction or in final permitting, Northern Water launched its Campus Development Project in 2021 with groundbreaking for both the Berthoud headquarters campus expansion and a new West Slope campus. At the Berthoud headquarters, Phase I of the project will include approximately 41,000 square feet of office and fleet maintenance space, a control room, and a new meeting space that will be available to regional partners. On the West Slope, the new Willow Creek campus, located just south of the Willow Creek Pump Plant, will accommodate Northern Water's West Slope employees and replace the existing office, control center and shop facilities at the Farr and Windy Gap pump plants. Construction of both the



The Northern Water Senior Management team broke ground on the new West Slope campus in June 2021.

Berthoud headquarters Phase I and the Willow Creek campus projects commenced in 2021 and are expected to be completed in 2022.

Phases II and III of the Berthoud headquarters project are expected to begin in 2022 and will include an addition to the existing Berthoud main office complex as well as other shop and storage facilities.

### Certificates of Participation, Series 2021

In 2021 Northern Water issued its Certificates of Participation, Series 2021 (the 2021 Certificates), to fund its Campus Development Project. The 2021 Certificates were issued in an original principal amount of \$52,050,000 with stated interest rates of either 4 percent or 5 percent. The 2021 Certificates were sold at a premium to yield net proceeds of approximately \$63,416,000 and a true interest cost of 2.57 percent. It is anticipated that Northern Water will issue a second series of Certificates of Participation in 2022 to fund Phases II and III of the Berthoud headquarters campus improvements.

# Southern Water Supply Project Enterprise Fund Eastern Pump Plant

In 2021, construction continued on SWSPs Eastern Pump Plant. The plant, located near Platteville, Colorado, increases the capacity of the SWSP pipeline and consists of a 5,200 square-foot building containing five vertical turbine pumps, each powered by 700 horsepower motors with variable frequency drives. The pump plant was completed and became operational in December 2021. Project participants fully funded the \$10 million cost.

# **Northern Integrated Supply Project Enterprise Fund**

The NISP project is designed to yield 40,000 acre-feet of new water supply annually and provide more than 200,000 acre-feet of storage capacity with the construction of Glade and Galeton reservoirs. The project also includes pump plants, conveyance pipelines and other appurtenant structures.

NISP participants are committed to building an environmentally responsible project. The NISP State Fish and Wildlife Mitigation and Enhancement Plan will improve the aquatic and riparian habitat of the Poudre River, regional wildlife habitat and enhance recreational opportunities. In 2021, NISP purchased Table Top Conservation Bank credits for \$2.4 million. The bank provides riparian and upland habitat for the Endangered Species Act listed Preble's Meadow Jumping Mouse. The purchase of these credits provides a portion of the mitigation required by the U.S. Fish and Wildlife Services Biological Opinion of the project. Overall, NISP is committing nearly \$60 million toward mitigation and enhancement activities.

In 2021, NISP continued design and permitting efforts. After having received its State 401 Water Quality Certification from the State of Colorado and a Larimer County 1041 Land Use Permit for construction of Glade Reservoir in 2020, it is anticipated that NISP will receive its federal Clean Water Act Section 404 Record of Decision in 2022. Additional permitting with local jurisdictions is ongoing.

# **Local Economy**

The Colorado Economic & Revenue Forecast, published in December 2021 by the Colorado Legislative Council Staff, provides an economic overview of the state of Colorado and includes analysis of two of the major regions with Northern Water District boundaries: the Metro Denver Region and the Northern Region. The Metro Denver Region includes Boulder and Broomfield counties. It has the largest share of the state's population and more than 60 percent of the state's workers. Leisure and hospitality are key economic sectors. The Northern Region consists of Larimer and Weld counties. Larimer County has a diverse economy that continues to outperform the state, fueled largely by population growth. Weld County economics are driven primarily by energy and agriculture.

Colorado has enjoyed more than a decade of strong economic growth, outpacing most other states in the nation in employment, personal income and growth. In coming years, the state is likely to evidence slower growth more on par with the nationwide average due to the ongoing effect of the COVID-19 pandemic. Headwinds to regional economic growth include supply chain disruptions, inflation concerns, a tight labor market and risks of future pandemic-related uncertainties.

#### **Assessed Values**

Data indicates that total statewide taxable assessed property values increased 4.4 percent in Colorado in 2021. Residential property increased by 11.3 percent offset by a 1.6 percent decline in nonresidential values. In 2023, the next property value reassessment year, the forecast anticipates a 14.1 percent increase in assessed values, driven by residential housing supply constraints caused by increased costs for building materials and labor. Regionally, the Metro Denver three-year annual average assessed values are expected to increase 5.8 percent, while the Northern Region is expected to increase 7.2 percent, with strong home price appreciation in both Larimer and Weld counties.

Colorado's residential housing market remains a bright spot in the economy. Historically low mortgage rates have boosted demand and a shift to working at home during the pandemic had many buyers looking for bigger homes, often in suburban areas. In 2021, home prices increased 10.1 percent and 11.6 percent in Fort Collins and Greeley, respectively. Home prices are expected to moderate in 2022 as supply chain issues are resolved, homebuilding increases and interest rates rise. Nonresidential construction is expected to grow at 5.1 percent in 2022 and 3.1 percent in 2023.

#### Labor

Labor markets are challenged by a shrinking job force. Retirements and resignations in Colorado have contributed to labor shortages with workers reevaluating their work-life balance. Employment is expected to slightly outpace national trends by growing at 3.4 percent in 2022. Colorado's unemployment rate is approximately 5.4 percent compared to 4.3 percent nationally. Wage and salary income growth is expected to continue at 5.7 and 5.2 percent in 2022 and 2023.

# Energy

Weld County economic activity is driven largely by energy production and agriculture. Oil production declined throughout 2020 because of the collapse in demand for oil and gas from COVID-19 related shutdowns. However, production began to rebound in March 2021. The price of oil and gas has been on the rise in recent months and 2021 ended with demand exceeding production. However, 2021 production remained 19.4 percent below 2020 levels and natural gas was 5 percent below 2020 levels. Increased demand for oil and gas along with rising prices is expected to spur additional production.

#### **Personal Income**

Personal income serves as an aggregate measure of most sources of household and business income. The federal policy response to the pandemic resulted in increases of 6.6 percent in Colorado in 2021. Personal income is expected to grow at 0.8 percent in Colorado in 2022, reaccelerating to over 4 percent in coming years. Larimer County's economy continues to expand with an average population growth of 2 percent per year. Colorado consumer activity is expected to improve in 2022; however pandemic conditions continue to pose a downside risk and source of uncertainty. Inflation fueled by supply chain issues is expected to be at 3.4 percent in 2022 in the Denver Metro Area. Colorado inflationary pressures are lower than the national average.

### **Agriculture**

Conditions in Colorado's agriculture economy continue to improve, but the sector faces significant challenges. Farm income is expected to grow 23 percent in calendar year 2021, bolstered by strength in the commodity market, record-low farm loan interest rates and support from government programs. Corn prices reached an eight-year high with average prices up 62.9 percent compared with the same period last year. Demand continued to be a key driver in livestock markets from re-opening restaurant and hospitality industries. However, supply chain disruptions have dampened profits by increasing prices for farm inputs. Farm production expenses were forecasted to increase by 8.3 percent in 2021. In addition, redeveloping drought continues to plague farmers by depleting crop production in some areas, particularly in the eastern plains.

# Water Year 2021

When the water year began in November 2020, water storage in the C-BT Project was at 116 percent of average. Statewide winter precipitation was poor, but by March it had increased for much of the South Platte River Basin. By April 2021, statewide snowpack was 93 percent of average, Upper Colorado River Basin snowpack was 88 percent of average, and snowpack in the South Platte River's northern tributaries was 104 percent of average. Northeastern Colorado experienced above average spring precipitation, but by summer the precipitation pattern had shifted, leaving Eastern Colorado and the

northern mountains dry. Fall precipitation was generally below average and C-BT Project storage ended the year at 108 percent of average. Federal and state agencies closely monitored drought conditions in the Colorado River Basin and western states.

At the April 2021 Northern Water Board meeting, Directors issued a 70 percent C-BT Project quota allocation, nearly equivalent to the long-term average quota and consistent with Northeastern Colorado's hydrologic conditions.

#### **Water Assessments**

Northern Water annually updates its financial projections to determine adjustments to water assessment rates that may be needed to meet current and projected operating and capital cost requirements, as well as to maintain adequate financial reserves. Based on the projections, Northern Water increased its open-rate assessments as follows:

Year	Irrigation	Municipal/Industrial
2022	\$29.00	\$49.10
2021	\$28.20	\$47.80
2020	\$27.40	\$46.50

Forward guidance projections based on the updated Cost of Service Rate model and adopted by Board resolution in early 2022 are as shown below:

Year	Irrigation	Municipal/Industrial
2023	\$30.60	\$50.55
2024	\$32.30 - \$33.00	\$52.09 - \$53.60
2025	\$33.80 - \$35.65	\$53.65 - \$57.10
2026	\$35.40 - \$38.50	\$55.25 - \$60.75

# **Single Audit**

In conformity with the provisions of the Uniform Grant Guidance, Northern Water was required to undergo a single audit relating to the NRCS grant for the EWP Program. Information related to this Single Audit included the schedule of expenditures of federal awards, findings and questioned costs, and the independent auditors' reports on internal control and compliance with applicable laws and regulations. This information is available as a separate document.

### **Financial Policies**

Northern Water financial principles and policies have been consistently applied in the preparation of the Northern Water financial statements including the basis of accounting and valuation of fund assets. These policies are further detailed in Note 1 to the financial statements.

#### AWARDS AND ACKNOWLEDGEMENTS

#### **Annual Comprehensive Financial Report**

The Government Finance Officers Association of the United States and Canada (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to Northern Water for its Annual Comprehensive Financial Report (ACFR) for the fiscal year ended September 30, 2020. The Certificate of Achievement is the highest form of recognition for excellence in state and local government financial reporting. Northern Water has received this award each year since 1987. To be awarded a Certificate of Achievement, a government must publish an easily readable and efficiently organized report, the contents of which must satisfy both generally accepted accounting principles and applicable legal requirements.

A Certificate of Achievement is valid for a period of one year only. We believe the Northern Water ACFR for the year ended September 30, 2021, continues to conform to the Certificate of Achievement Program requirements, and we are submitting it to GFOA to determine its eligibility.

### **Annual Budget**

Northern Water also received the GFOA's Distinguished Budget Presentation Award for its annual budget document for the fiscal year beginning October 1, 2021. To qualify for this award, the Northern Water budget document had to be judged proficient as a policy document, a financial plan, an operations guide and a communications device.

Both the ACFR and Annual Budget are available at northernwater.org.

The preparation of this report would not have been possible without the efficient and dedicated services of staff throughout Northern Water. We would like to recognize the outstanding efforts of the Financial Services Department personnel:

Kristyn Unrein, CGFM Financial Services Department Manager	Judy Skram, CPA Financial Compliance Officer	Bernice Rupp Staff Accountant II	Kathy Jo Price Staff Accountant II
Fahim Ghafoori, MBA/MS	Emma Kuntz	Myles Baker	Shelley Robinson  Accounts Payable Clerk
Senior Financial Analyst	Staff Accountant I	Financial Analyst	

We would also like to recognize the leadership of the Board of Directors of Northern Water for its unfailing support for maintaining the highest standards of professionalism in the management of Northern Water finances.

Sincerely,

Gerald A. Gibbens, P.E. Treasurer, Northern Water

Bradley D. Wind, P.E. General Manager, Northern Water

#### BOARD OF DIRECTORS AND OFFICERS®

The 12-member Board is responsible for establishing policy and strategic direction. Directors from the eight counties within Northern Water boundaries are appointed to four-year terms by district court judges. Three Board seats are up for appointment every year. When directors' terms expire, they continue to serve until the judge reappoints or replaces them. Board officers are elected by the Board at its annual organizational meeting each October. The Board holds its public meetings twice a month.



Mike Applegate
President
Larimer County
Sept. 28, 1991 – Sept. 28, 2023



Dale Trowbridge
Vice President
Audit Committee Chair
Weld County
Aug. 15, 2014 – Sept. 28, 2023



Bill Emslie
Finance and Benefits Committee Chair
Larimer County
Sept. 28, 2005 – Sept. 28, 2025



Jennifer Gimbel
Larimer County
July 15, 2019 – Sept. 28, 2024



**Sue Ellen Harrison** Legal and Legislative Committee Chair Boulder County Sept. 28, 2009 – Sept. 28, 2022



Don Magnuson
Weld County
Sept. 28, 2004 – Sept. 28, 2024



Gene Manuello Logan County Sept. 28, 2018 – Sept. 28, 2022



Rob McClary
Sedgwick County
Sept. 28, 2011 – Sept 28, 2023

◆ ◆ ✓



David Nettles
Weld County
Oct 18, 2018 – Sept. 28, 2022

◆ ✓



John Rusch
Morgan and Washington Counties
April 12, 2002 – Sept. 28, 2025

✓



Todd Williams
Boulder County
Sept. 28, 2017 – Sept. 28, 2025



Dennis Yanchunas
Boulder County
Aug. 20, 2010 – Sept. 28, 2024

# **Northern Water District Officers:**

Secretary Brad Wind, General Manager
Treasurer Jerry Gibbens, Director of Operations

The General Manager is appointed by and serves at the pleasure of the Board.

**Committees:** Audit ♥ Finance and Benefits ♦ Legal and Legislative ✓

(1) Effective October 1, 2021

#### **BOARD COMMITTEES**



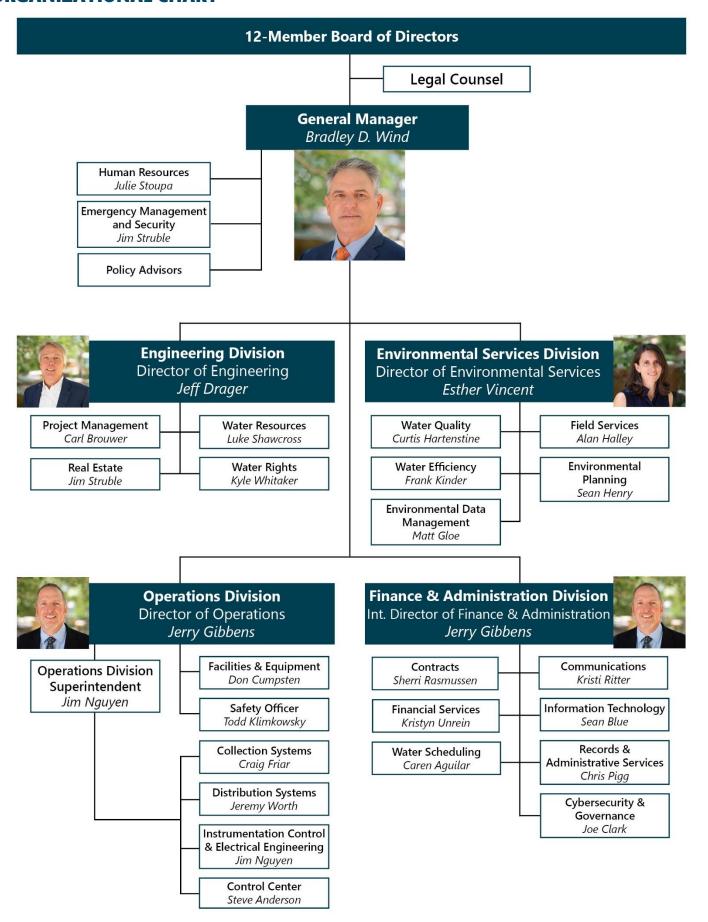
Northern Water has three standing committees tasked with the detailed study of specialized topics: the Audit Committee, the Finance and Benefits Committee and the Legal and Legislative Committee. The chair of each committee reports on the committee's activities and, depending on the subject matter, may present committee recommendations for Board action to the Board of Directors.

The Audit Committee meets semi-annually, or more often as necessary, to initiate and then conclude each year's annual financial audit process. The committee receives the auditor's findings and recommendations for changes to policy and procedures. The committee works closely with the independent auditors to ensure that the Board can faithfully carry out its fiduciary obligations to the Northern Water.

The Finance and Benefits Committee meets on a regular basis with Northern Water financial, actuarial and benefit advisors to review financial and employee benefit policies, investment and Pension Plan fund performance, and to discuss any other financial matters.

The Legal and Legislative Committee meets at least quarterly to receive updates on federal, state and local legislation of interest to Northern Water and its constituents. The committee works closely with its legislative consultant to recommend positions on proposed legislation and to provide input to authors of new legislation. The committee also receives briefings on specialized legal topics.

#### ORGANIZATIONAL CHART





Government Finance Officers Association

Certificate of Achievement for Excellence in Financial Reporting

Presented to

# Northern Colorado Water Conservancy District

For its Annual Comprehensive Financial Report For the Fiscal Year Ended

September 30, 2020

Christopher P. Morrill

Executive Director/CEO



# **FINANCIAL**

The Financial section includes the Auditor's Report, Management's Discussion and Analysis, Basic Financial Statements, Required Supplementary Information and Supplementary Information.

#### INDEPENDENT AUDITORS' REPORT



Plante & Moran, PLLC

P.O. Box 307 3000 Town Center, Suite 100 Southfield, MI 48075 Tel: 248.352.2500 Fax: 248.352.0018 plantemoran.com

### **Independent Auditor's Report**

To the Board of Directors Northern Colorado Water Conservancy District

#### **Report on the Financial Statements**

We have audited the accompanying financial statements of each major fund and the aggregate remaining fund information of Northern Colorado Water Conservancy District (the "District") as of and for the year ended September 30, 2021 and the related notes to the financial statements, which collectively comprise Northern Colorado Water Conservancy District's basic financial statements, as listed in the table of contents.

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

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

#### Auditor's Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

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

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

# **Opinions**

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of each major fund and the aggregate remaining fund information of Northern Colorado Water Conservancy District as of September 30, 2021 and the respective changes in its financial position and, where applicable, cash flows for the year then ended in accordance with accounting principles generally accepted in the United States of America.



To the Board of Directors Northern Colorado Water Conservancy District

#### Other Matters

# Required Supplemental Information

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

#### Other Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise Northern Colorado Water Conservancy District's basic financial statements. The other supplemental information, as identified in the table of contents, and introductory and statistical sections are presented for the purpose of additional analysis and are not a required part of the basic financial statements.

The other supplemental 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. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the other supplemental information is fairly stated in all material respects in relation to the basic financial statements as a whole.

The introductory and statistical sections have not been subjected to the auditing procedures applied in the audit of the basic financial statements, and, accordingly, we do not express an opinion or provide any assurance on them

#### Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated March 28, 2022 on our consideration of Northern Colorado Water Conservancy District's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, 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 Northern Colorado Water Conservancy 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 Northern Colorado Water Conservancy District's internal control over financial reporting and compliance.

Plante 1 Moran, PLLC

March 28, 2022





# **MANAGEMENT'S DISCUSSION AND ANALYSIS**

Management's Discussion and Analysis presents a narrative overview of the financial activities of Northern Water for the fiscal year ended September 30, 2021.

# **MANAGEMENT'S DISCUSSION AND ANALYSIS**

Management's Discussion and Analysis presents a narrative overview of the financial activities of Northern Water for the fiscal year ended September 30, 2021. It should be considered in conjunction with the additional information furnished in the Transmittal Letter (page 6).

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

The Northern Water financial statements consist of enterprise fund financial statements used to report the business-type activities of Northern Water, fiduciary fund financial statements reporting the transactions of the Northern Water defined benefit Group Pension Plan (Pension Plan) and accompanying Notes to Financial Statements. The report also contains required supplementary information, supplementary information and statistical information. The Management's Discussion and Analysis includes comparative data to enable the reader to review information against the prior year.

The enterprise fund financial statements include the following:

- Statement of Net Position reports Northern Water's current and noncurrent assets, deferred inflows and outflows of resources, current and noncurrent liabilities. The difference between assets and deferred outflows and liabilities and deferred inflows is reported as net position (page 36).
- Statement of Revenues, Expenses and Changes in Net Position reports Northern Water's operating and nonoperating revenues and expenses by major classifications, capital contributions and changes in net position (page 38).
- Statement of Cash Flows reports Northern Water's cash flows from operating, noncapital financing, capital and related financing, and investing activities (page 39).
- Statements of Fiduciary Net Position and Changes in Fiduciary Net Position report the net position restricted for the pension and the increase in net position for the year (page 40). The net position of the Pension Plan is not reflected as part of the Northern Water net position because the Pension Plan resources are not available to support Northern Water operations. Required information concerning Northern Water's net pension asset and contributions to the Pension Plan can be found in the Required Supplementary Information (page 69).
- Notes to Financial Statements provide further explanations and details that are essential to a full understanding of the information provided in the financial statements described above (page 43).

# Financial Analysis – Statement of Net Position<sup>(1)</sup>

(condensed) September 30,

Assets Cash, cash equivalents and investments, unrestricted \$ Cash, cash equivalents and investments,	2021 108,746 70,435 22,473	<b>2020</b> \$ 124,64! 2,840	5 \$	(15,899)
Cash, cash equivalents and investments, unrestricted \$	70,435		5 \$	(15.899)
unrestricted \$	70,435		5 \$	(15 899)
·	70,435		5 \$	(15 899)
Cash, cash equivalents and investments,		2,840		(13,033)
		2,840		
restricted	22,473	•	5	67,589
Receivables (Note 6)		10,73	1	11,739
Other current assets	2,185	3,888	3	(1,703)
Interfund loan receivable	2,813	3,040	)	(227)
Capital assets, net of accumulated				
depreciation	309,408	274,58	3	34,820
Assets \$	516,060	\$ 419,74	1 \$	96,319
Deferred outflows of resources related				
to Pension Plan \$	3,311	\$ 3,792	2 \$	(481)
Liabilities				
Accounts payable and accrued liabilities \$	16,596	\$ 9,25	7 \$	(7,339)
Unearned revenue	-	2,270		2,270
Other current liabilities	3,895	4,36	7	472
Long-term debt, net of current maturities	70,381	8,579	)	(61,802)
Interfund loan payable, net of current	2,813	3,040	)	227
Net pension (asset) liability	(920)	4,23	1	5,151
Liabilities \$	92,765	\$ 31,74	1 \$	(61,021)
Deferred inflows of resources related				
to Pension Plan \$	4,843	\$ 1,559	9 \$	(3,284)
Net position				
Net investment in capital assets \$	\$ 285,218	\$ 265,628	3 \$	19,590
Restricted net position		+ ===,==	· ·	,
Major repairs	1,909	2,29	5	(386)
Capital projects	18,044	22,948		(4,904)
Debt service	252	229		23
Restricted net position	20,205	25,472		(5,267)
Unrestricted net position	116,340	99,130		17,210
Net position \$	421,763	\$ 390,230	) \$	31,533

<sup>(1)</sup> Balances reflect all Northern Water's enterprise funds combined unless otherwise indicated.

# Financial Analysis – Changes in Net Position<sup>(1)</sup>

September 30,

Income before contributions
Capital contributions
Changes in net position
Net position, beginning of year
Net position, end of year

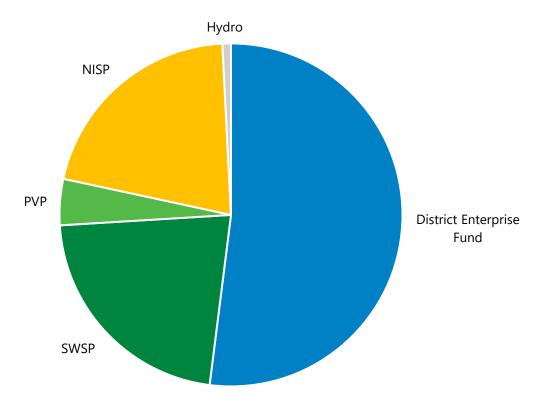
	\$000s							
2021			2020 Change					
\$	14,507	\$	14,465	\$	42			
	17,026		47,244		(30,218)			
	31,533		61,709		(30,176)			
	390,230		328,521		61,709			
\$	421,763	\$	390,230	\$	31,533			

Net position by enterprise fund was as follows:

District Enterprise Fund
Southern Water Supply Project
Pleasant Valley Pipeline Project
Northern Integrated Supply Project
Northern Water Hydropower
Changes in net position

\$000s							
2021		2020	0 Change				
\$ 221,072	\$	203,688	\$	17,384			
92,127		92,644		(517)			
18,176		18,828		(652)			
87,018		72,310		14,708			
3,370		2,760		610			
\$ 421,763	\$	390,230	\$	31,533			

# Net Position by Enterprise Fund September 30, 2021



<sup>(1)</sup> Balances reflect all Northern Water's enterprise funds combined unless otherwise indicated.

### **Financial Analysis – Changes in Net Position (continued)**

# **District Enterprise Fund**

The District Enterprise Fund had a net position of \$221 million at year end. Approximately half of this balance, \$103 million, reflected the District's investment in capital assets, net of related debt. Unrestricted cash and investment balances and trade receivables primarily made up the remainder of the balance.

# **Southern Water Supply Project**

SWSP net investment in capital assets comprised the majority of its \$92 million net position at September 30, 2021. Net position decreased slightly in 2021 reflecting the current year depreciation on capital assets.

# **Pleasant Valley Pipeline Project**

PVP net investment in capital assets comprise the majority of its \$18 million net position at September 30, 2021. Net position decreased slightly in 2021 reflecting the current year depreciation on capital assets.

#### **Northern Integrated Supply Project**

Net position for NISP increased \$14.7 million in 2021 reflecting an increase of \$19.9 in net investment in capital assets offset by a \$5.2 million decrease in net position restricted for capital projects. Net investment in capital assets increased due to additional capital project costs. Net position restricted for capital projects decreased due to the use of restricted cash for property acquisitions.

# **Northern Water Hydropower**

Hydropower net position of \$3.4 million consisted primarily of its net investment in the hydropower plants. Net position increased reflecting positive operating income and cash flows.

# Financial Analysis – Revenues<sup>(1)</sup>

(condensed)

Years ended September 30,

Operating and nonoperating revenues were as follows:

	\$000s					
		2021		2020		Change
Operating revenues						
Assessments	\$	13,979	\$	13,496	\$	483
Charges for services		7,276		7,962		(686)
Energy revenue		1,349		1,302		47
Other operating revenues		4,320		2,509		1,811
Operating revenues		26,924		25,269		1,655
Nonoperating revenues						
Property and specific ownership taxes		26,964		27,187		(223)
Intergovernmental grants		12,462		105		12,357
Earnings on investments		449		2,174		(1,725)
Other nonoperating revenues		3,645		368		3,277
Nonoperating revenues		43,520		29,834		13,686
Revenues	\$	70,444	\$	55,103	\$	15,341

Operating and nonoperating revenues for the District Enterprise Fund are as follows:

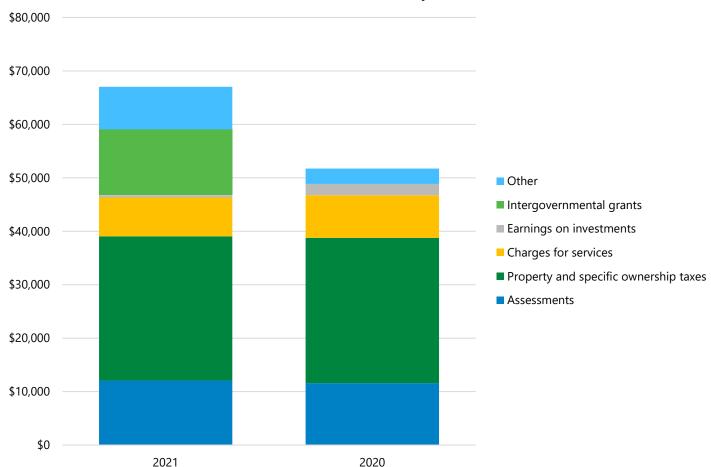
	\$000s					
		2021		2020		Change
Assessments	\$	12,060	\$	11,580	\$	480
Charges for services		7,276		7,962		(686)
Property and specific ownership taxes		26,963		27,187		(224)
Intergovernmental grant revenue		12,317		-		12,317
Earnings on investments		447		2,132		(1,685)
Other revenues		7,965		2,878		5,087
District Enterprise Fund revenues	\$	67,028	\$	51,739	\$	15,289

<sup>(1)</sup> Balances reflect all Northern Water's enterprise funds combined unless otherwise indicated.

# **Financial Analysis - Revenues (continued)**

(condensed) Years ended September 30,

# **Revenues for District Enterprise Fund**



District Enterprise Fund operating revenues consist primarily of water assessments from allottees and charges for services. District annual water assessments are based on units held and independent of actual water deliveries. The 2021 water assessment open rates increased 2.8 percent from \$46.50 to \$47.80 per acre-foot unit for municipal/industrial users and 2.9 percent from \$27.40 to \$28.20 for agricultural users. In addition, District Enterprise Fund assessments included approximately \$2.3 million and \$2.1 million, in 2021 and 2020, respectively, from its Carryover Program, a program whereby allottees may carry over allotted but undelivered water from one year to the next as a hedge against drought and low runoff. The terms and limitations of the program are specified in the Northern Water Annual Carryover Program rule.

Charges for services relate to amounts charged by the District Enterprise Fund to other enterprise funds for providing certain administrative, engineering, environmental and operational services to those enterprises. In addition, the charges include amounts reimbursable by Reclamation under the terms of the Repayment Contract between Northern Water and Reclamation.

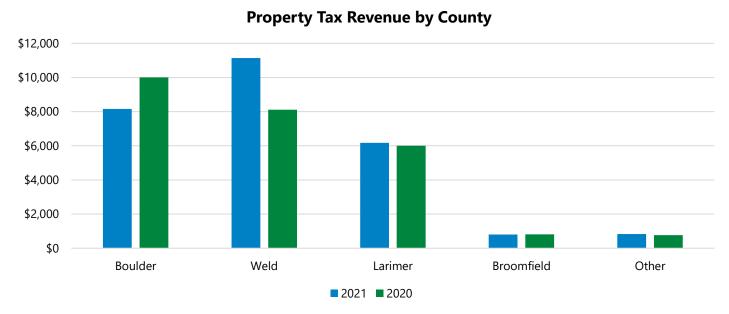
In 2021, nonoperating revenues included property taxes, intergovernmental grant revenue, earnings on investments and other nonoperating revenues.

### **Financial Analysis - Revenues (continued)**

(condensed)

Years ended September 30,

Northern Water collects a voter-approved 1 mill levy tax on real property located within its boundaries. The counties of Weld, Boulder, Larimer and Broomfield account for the majority of property tax revenue. Revenue remained substantially the same at \$26.9 million in 2021 and \$27.2 million in 2020.



In 2021, Northern Water acted as a sponsor for the NRCS EWP Program to implement watershed protection projects that mitigate risks caused by sudden watershed impairments. As a sponsor, Northern Water partnered with other entities impacted by the East Troublesome Fire to ensure the effective implementation of emergency watershed restoration recovery efforts. In addition to the NRCS grant, Northern Water received a \$1.5 million grant through the CWCB Colorado Watershed Restoration Grant and Forest Restoration and Wildfire Risk Management Grant Programs. Grant revenue requested for reimbursement under both of these grants amounted to approximately \$12.3 million in 2021 and is reflected as intergovernmental grant revenue in the financial statements. The initial term of the NRCS and CWCB grants went through November 2021 and June 2022, respectively. The NRCS grant has been extended through August 2022.

Earnings on investments remained positive in 2021 but decreased \$1.7 million from 2020 earnings due to fluctuations in the investment markets.

Other nonoperating revenue of \$3.6 million consisted primarily of \$2.3 million from the Subdistrict resulting from a 2012 mitigation agreement that was contingent upon the start of Chimney Hollow Reservoir construction (Note 19 Intergovernmental Transactions). In addition, Northern Water received an insurance claim payment of almost \$1 million for damage caused to West Slope property by the East Troublesome Fire.

### **Other Enterprise Funds**

SWSP and PVP revenues consisted of annual assessments from their respective participants and were generally consistent between 2021 and 2020. NISP had no operating revenue.

Hydropower energy revenue, reflecting power charges earned based on energy produced from the hydropower plants, was consistent between 2021 and 2020 at \$1.3 million. In 2021 Hydropower received a \$145,000 incentive payment from the U.S. Department of Energy based on energy production from the Trout hydropower plant. This amount was included in intergovernmental grants.

# Financial Analysis – Expenses<sup>(1)</sup>

(condensed)

Years ended September 30,

Operating and nonoperating expenses were as follows:

	\$000s						
	2021			2020		Change	
Operating expenses							
Operations	\$	17,421	\$	13,955	\$	3,466	
Engineering		6,297		4,645		1,652	
Environmental Services		13,416		3,947		9,469	
Administration		11,350		12,287		(937)	
Depreciation		6,564		5,554		1,010	
Operating expenses		55,048		40,388		14,660	
Nonoperating expenses	<u> </u>						
Interest expense		503		238		265	
Bond issuance costs		386		-		386	
Other nonoperating expenses		-		12		(12)	
Nonoperating expenses		889		250		639	
Expenses	\$	55,937	\$	40,638	\$	15,299	

Operating expenses for the District Enterprise Fund were as follows:

	\$000s						
		2021 20			2020 Change		
Operations	\$	15,965	\$	12,595	\$	3,370	
Engineering		5,701		4,370		1,331	
Environmental Services		13,414		3,947		9,467	
Administration		11,217		12,186		(969)	
Depreciation		2,638		2,349		289	
District Enterprise Fund	\$	48,935	\$	35,447	\$	13,488	

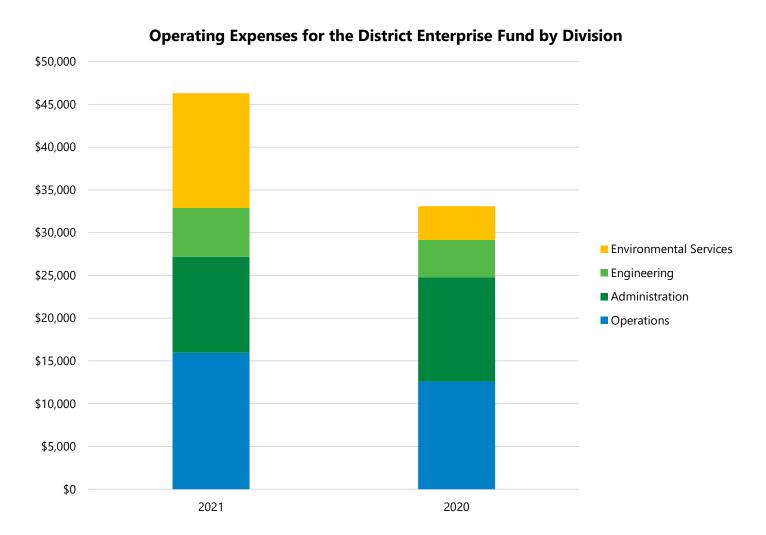
<sup>(1)</sup> Balances reflect all Northern Water's enterprise funds combined unless otherwise indicated.

# **Financial Analysis – Expenses (continued)**

(condensed)

Years ended September 30,

Operating for the District Enterprise Fund by division are as follows:



District Enterprise Fund total operating expenses increased \$13.5 million from \$35.4 million in 2020 to \$48.9 million in 2021. This increase primarily related to the East Troublesome Fire recovery effort, which totaled \$14.7 million over the four divisions. Environmental Services and Operations incurred the majority of these costs at \$9.2 million and \$4.1 million, respectively.

Operating expenses for SWSP increased in 2020 from \$3.4 million to \$4.6 million primarily reflecting a full year's depreciation on the SWSP II pipeline completed towards the end of 2020. Operating expenses for other Northern Water enterprise funds were largely consistent with prior years. There were no operating expenses for NISP because that enterprise fund is in the design and permitting phase.

Nonoperating expenses consisted primarily of interest expense and bond issuance costs associated with the 2021 Certificates issued in fiscal year 2021.

# Financial Analysis – Capital Assets, Net<sup>(1)</sup>

(condensed) September 30,

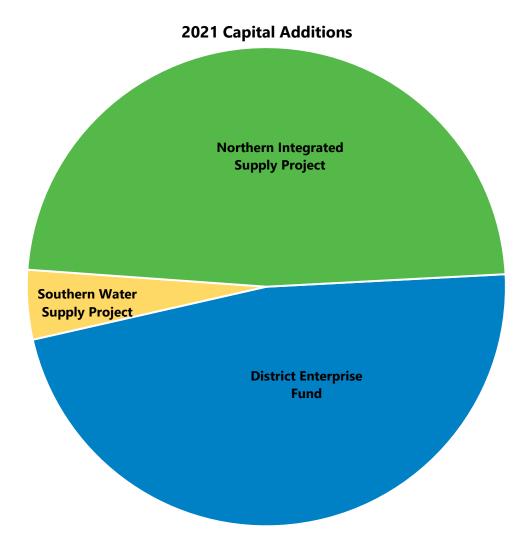
	\$000s						
	2021		2020			Change	
Construction in progress	\$	99,371	\$	60,555	\$	38,816	
Land, easements and water rights		93,987		93,531		456	
Water pipelines and equipment		148,772		148,574		198	
Hydropower plants		11,503		11,503		-	
Operations equipment		7,996		6,784		1,212	
Buildings and improvements		23,298		23,272		26	
Computer and office equipment		10,450		10,264		186	
Capital assets		395,377		354,483		40,894	
Less accumulated depreciation		(85,969)		(79,895)		(6,074)	
Capital assets, net of depreciation	\$	309,408	\$	274,588	\$	34,820	

	\$000s					
		2021		2020		Change
District Enterprise Fund						_
Construction in progress	\$	19,283	\$	2,095	\$	17,188
Land, easements and water rights		87,819		87,364		455
Operations equipment		2,626		1,826		800
Buildings and improvements		9,414		10,258		(844)
Computer and office equipment		3,003		3,683		(680)
Capital assets, net of depreciation		122,145		105,226		16,919
Southern Water Supply Project	-					
Construction in progress		10,585		8,842		1,743
Land, easements and water rights		5,233		5,233		-
Water pipeline and equipment		74,486		77,182		(2,696)
Capital assets, net of depreciation	-	90,304		91,257		(953)
Pleasant Valley Pipeline						
Land, easements and water rights		934		934		-
Water pipeline and equipment		17,134		17,878		(744)
Capital assets, net of depreciation	-	18,068		18,812		(744)
Northern Integrated Pipeline Project	-					
Construction in progress		69,503		49,618		19,885
Northern Water Hydropower						
Hydropower plants		9,388		9,675		(287)
Capital assets, net of depreciation	-	9,388		9,675		(287)
Total capital assets, net of depreciation	\$	309,408	\$	274,588	\$	34,820

<sup>(1)</sup> Balances reflect all Northern Water's enterprise funds combined unless otherwise indicated.

# **Capital Assets, Net (continued)**

(condensed) September 30,



### **District Enterprise Fund**

District capital assets, net of depreciation, increased almost \$17 million from \$105 million in 2020 to \$122 million in 2021 primarily due to construction of the Campus Development Project. Project costs are included in construction in progress at September 30, 2021.

### **Southern Water Supply Project**

In 2021 construction of the SWSP Eastern Pump Plant continued, increasing construction in progress from \$8.8 million in 2020 to \$10.6 million in 2021. The pump plant was completed in December 2021.

#### **Northern Integrated Supply Project**

NISP costs cumulative since inception of the project amounted to \$69.5 million at September 30, 2021. The \$20 million invested in 2021 included land acquisition costs of just under \$9 million, \$2 million in mitigation and enhancement efforts and ongoing permitting and design costs.

# **Other Enterprise Funds**

Other enterprise funds had no significant capital asset activity.

See additional information relating to capital assets at Notes 1 and 11 to the financial statements.

# **Financial Analysis – Debt Administration**

(condensed) September 30,

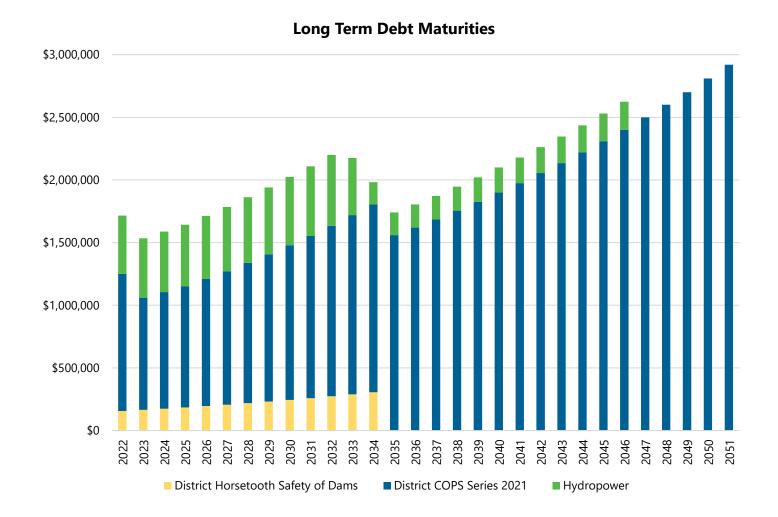
	\$000s					
		2021		2020		Change
District Enterprise Fund						
Certificates of Participation, Series 2021	\$	63,292	\$	-	\$	63,292
Horsetooth Safety of Dams		2,905		3,053		(148)
District Enterprise Fund debt		66,197		3,053		63,144
Northern Water Hydropower						
Colorado Water Resources and Power						
Development Authority		1,197		1,294		(97)
Colorado Water Conservation Board		4,476		4,613		(137)
Hydropower		5,673		5,907		(234)
District Enterprise and Northern Water						
Hydropower long-term debt		71,870		8,960		62,910
Less current maturities of long-term debt		(1,489)		(381)		(1,108)
Long-term debt, net of current maturities	\$	70,381	\$	8,579	\$	61,802
	\$000s					
		2021		2020		Change
Interfund Ioan						
District Enterprise Fund/Hydropower						
interfund loan	\$	3,040	\$	3,262	\$	(222)
Less current maturities of long-term debt		(227)		(222)		(5)
Long-term debt, net of current maturities	\$	2,813	\$	3,040	\$	(227)

# **Financial Analysis - Debt Administration (continued)**

(condensed) September 30,

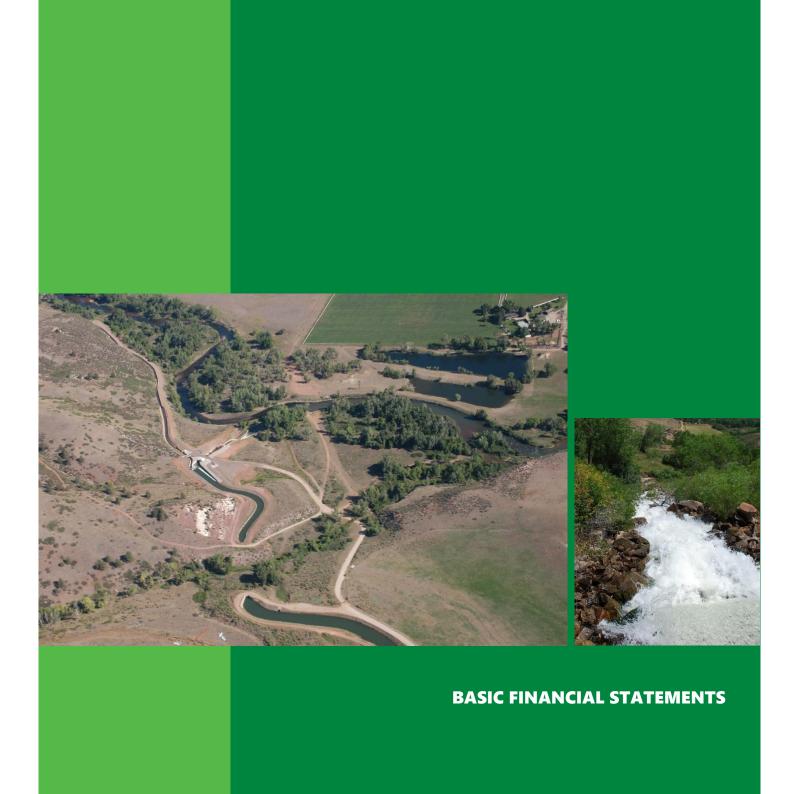
In 2021, Northern Water issued the 2021 Certificates to fund the initial phase of its Campus Development Project. The 2021 Certificates represent undivided proportionate interests in Base Rentals and other revenues under an annually renewable lease purchase agreement between the trustee for the 2021 Certificates and Northern Water. The 2021 Certificates have a 30-year term, an original principal amount of \$52,050,000, bear interest at 4 percent or 5 percent and were issued at a premium. Annual principal and interest payments begin in fiscal year 2022.

Northern Water and Hydropower continued to pay their regularly scheduled debt service payments on previously outstanding debt. See additional information relating to long-term debt and the District Enterprise Fund/Hydropower interfund loan receivable/payable at Notes 1 and 14.



# **Financial Contact**

Northern Water's financial statements are designed to present users with a general overview of Northern Water's finances and to demonstrate its accountability. If there are any questions regarding the report or any additional financial information is needed, please contact the Financial Services Department, Northern Colorado Water Conservancy District, 220 Water Avenue, Berthoud, Colorado 80513.



	Business-type Activity Enterprise Funds								
		Southern Pleasant		Northern					
	District	Water	Valley	Integrated					
	<b>Enterprise</b>	Supply	Pipeline	Supply					
	Fund	Project	Project	Project	Hydropower	Total			
ASSETS						_			
Current assets									
Cash and cash									
equivalents									
Unrestricted	\$42,162,118	\$ 2,040,092	\$ 115,646	\$ 11,329,702	\$ 1,801,598	\$ 57,449,156			
Restricted	28,623,605	589,274	-	9,546,317	-	38,759,196			
Investments									
Unrestricted	51,296,519	-	-	-	-	51,296,519			
Restricted	29,192,107	-	-	-	-	29,192,107			
Receivables									
(Notes 6 and 18)	22,249,528	-	-	1,225	222,511	22,473,264			
Due from other									
funds	358,271	-	-	-	105,355	463,626			
Advances	1,258,402	-	-	28,006	32,835	1,319,243			
Other current assets	175,210	-	-	-	-	175,210			
Current maturity of									
interfund loan	226,642	-	-	-	-	226,642			
Current assets	175,542,402	2,629,366	115,646	20,905,250	2,162,299	201,354,963			
Noncurrent assets	· · · · · · · · · · · · · · · · · · ·		<u> </u>		<u> </u>	<u> </u>			
Cash equivalents,									
restricted	228,028	-	_	-	574,407	802,435			
Investments,									
restricted	1,681,136	_	_	_	_	1,681,136			
Interfund loan	, ,								
receivable	2,813,098	-	_	_	_	2,813,098			
Capital assets, net of						,,			
accumulated									
depreciation	122,144,699	90,303,847	18,068,299	69,503,327	9,387,808	309,407,980			
Noncurrent assets	126,866,961	90,303,847	18,068,299	69,503,327	9,962,215	314,704,649			
Assets	\$ 302,409,363	\$ 92,933,213	\$ 18,183,945	\$ 90,408,577	\$ 12,124,514	\$ 516,059,612			
DEFERRED									
<b>OUTFLOWS OF</b>									
RESOURCES									
RELATED TO									
PENSION PLAN	\$ 3,311,303	\$ -	\$ -	\$ -	\$ -	\$ 3,311,303			

See accompanying Notes to Financial Statements.

### **Statement of Net Position – Proprietary Funds (continued)**

September 30, 2021

Business-type Activity Enterprise Funds											
		9	Southern		Pleasant		Northern				
	District		Water		Valley	li	ntegrated				
E			Supply		-		_				
	Fund		<del>-</del>		-			Нγ	dropower		Total
									•		_
\$	12,748,948	\$	625,045	\$	542	\$	3,220,616	\$	1,218	\$	16,596,369
	105,355		180,966		7,702		169,603		_		463,626
	403,211		-		_		-		39,992		443,203
	1,270,549		-		-		-		-		1,270,549
	1,251,357		_		_		-		238,129		1,489,486
	, - ,								,		,,
	_		_		_		_		226.642		226,642
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	13,773,120		000,011		3,2		3,330,213		303,301		20,103,073
	64 945 564		_		_		_		5 435 380		70,380,944
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	_		_		_		_		2 813 098		2,813,098
	(919 7/12)		_		_		_		2,013,030		(919,742)
	(313,142)										(313,142)
	64 025 822		_		_		_		Q 2/Q /7Q		72,274,300
¢		¢	806.011	<u>¢</u>	8 244	¢	3 390 219	¢		¢	92,764,175
Ψ	13,003,242	Ψ	000,011	Ψ	0,244	Ψ	3,330,213	Ψ	0,734,433	Ψ	32,104,113
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<b>&gt;</b>	4,843,511	<b>&gt;</b>		<b></b>		<b>→</b>		<b>&gt;</b>		<b>&gt;</b>	4,843,511
		_				_		_			
\$	103,628,753	\$	90,303,847	\$	18,068,300	\$	69,503,327	\$	3,714,299	\$ 7	285,218,526
	1,909,163		-		-				-		1,909,163
	-		528,479		-		17,515,031		-		18,043,510
	-		-		-		-		251,449		251,449
	1,909,163		528,479		-		17,515,031		251,449		20,204,122
			1,294,876		107,401		-		(595,693)		116,340,581
\$ 2	221,071,913	\$	92,127,202	\$	18,175,701	\$	87,018,358	\$	3,370,055	\$ 4	421,763,229
	\$	\$ 12,748,948 105,355 403,211 1,270,549 1,251,357 - 15,779,420 64,945,564 - (919,742) 64,025,822 \$ 79,805,242	District   Enterprise   Fund	Noistrict   Water   Supply   Project	Southern   Water   Supply   Fund   Project	Note   Note	Southern   Pleasant   Valley   Find   Project   Projec	Northern   Northern   Northern   Northern   Integrated   Supply   Project   Northern   Integrated   Supply   Project   Northern   Integrated   Supply   Project   Northern   Integrated   Supply   Project   Northern   Integrated   Supply   Northern   Northern   Integrated   Supply   Project   Northern   Northern   Integrated   Supply   Project   Northern   Northern   Integrated   Northern   Northern	Southern   Pleasant   Northern   Name   Na	District Enterprise Fund         Water Supply Project         Valley Project         Integrated Supply Project         Hydropower           \$ 12,748,948         \$ 625,045         \$ 542         \$ 3,220,616         \$ 1,218           105,355         180,966         7,702         169,603         - 2           403,211         2 - 2         2 - 2         39,992           1,270,549         2 - 2         2 - 2         238,129           1,251,357         3 - 2         2 - 2         2 - 2           15,779,420         806,011         8,244         3,390,219         505,981           64,945,564         3 - 2         2 - 2         2,813,098           (919,742)         3 - 2         3 - 2         3 - 2           64,025,822         3 - 2         3 - 3         3 - 3           \$ 79,805,242         806,011         \$ 8,244         3,390,219         \$ 8,248,478           \$ 79,805,242         806,011         \$ 8,244         3,390,219         \$ 8,754,459           \$ 1,909,163         \$ 9,0303,847         \$ 18,068,300         \$ 69,503,327         \$ 3,714,299           \$ 1,909,163         5 28,479         3 17,515,031         3 251,449           1,909,163         5 28,479         3 17,515,031	

### **Statement of Revenues, Expenses and Changes in Net Position – Proprietary Funds**

Year ended September 30, 2021

	Business-type Activity Enterprise Funds								
		Southern	Pleasant	Northern					
	District	Water	Valley	Integrated					
	Enterprise	Supply	Pipeline	Supply					
	Fund	Project	Project	Project	Hydropower	Total			
Operating revenues		-			-				
Assessments	\$ 12,059,790	\$ 1,759,742	\$ 159,199	\$ -	\$ -	\$ 13,978,731			
Charges for services	7,276,338	-	-	-	-	7,276,338			
Energy revenue	-	-	-	-	1,349,216	1,349,216			
Other operating revenues	4,320,428	-	-	-	-	4,320,428			
Operating revenues	23,656,556	1,759,742	159,199	-	1,349,216	26,924,713			
Operating expenses									
Operations	15,965,340	1,022,872	35,091	-	397,744	17,421,047			
Engineering	5,701,243	573,834	17,211	-	4,857	6,297,145			
Environmental Services	13,414,586	1,014	-	-	-	13,415,600			
Administration	11,216,914	103,575	15,027	-	14,165	11,349,679			
Depreciation	2,637,689	2,893,466	744,114	-	288,604	6,563,873			
Operating expenses	48,935,770	4,594,759	811,443	-	705,372	55,047,344			
Operating income (loss)	(25,279,214)	(2,835,017)	(652,244)	-	643,844	(28,122,631)			
Nonoperating revenues					·	<u> </u>			
Property and specific									
ownership taxes	26,963,388	-	-	-	-	26,963,388			
Intergovernmental grant									
revenue	12,316,953	-	-	-	145,403	12,462,356			
Earnings on investments	447,267	284	16	-	1,465	449,032			
Other nonoperating									
revenues	3,644,883	-	-	-	-	3,644,883			
Nonoperating revenues	43,372,491	284	16	-	146,868	43,519,659			
Nonoperating expenses	· · · · · · · · · · · · · · · · · · ·				•	· · · ·			
Interest expense, net of									
bond premium									
amortization	(323,000)	-	-	_	(180,440)	(503,440)			
Bond issuance costs	(386,052)	-	-	_	-	(386,052)			
Nonoperating expenses	(709,052)	_	_	-	(180,440)	(889,492)			
Nonoperating income (loss)	42,663,439	284	16	-	(33,572)	42,630,167			
Income (loss) before					(,- /	, ,			
contributions	17,384,225	(2,834,733)	(652,228)	_	610,272	14,507,536			
Capital contributions	-	2,317,731	-	14,708,164	-	17,025,895			
Changes in net position	17,384,225	(517,002)	(652,228)	14,708,164	610,272	31,533,431			
Net position beginning	,55.,=20	(= · · / /	(,)	, 55,151	,— - <b>-</b>	- ,,			
of year	203,687,688	92,644,204	18,827,929	72,310,194	2,759,783	390,229,798			
Net position, end of year	\$ 221,071,913	\$92,127,202	\$18,175,701	\$ 87,018,358	\$ 3,370,055	\$ 421,763,229			
- 1 , <b>,</b> -	, 0 , 0		÷ . • / • / . • ·	- 0.7010/000	+ 0,010,00	,. 05,225			

### **Statement of Cash Flows - Proprietary Funds**

Year ended September 30, 2021

		Busine	ss-type Activ	rity Enterprise	Funds	
	District Enterprise	Southern Water Supply	Pleasant Valley Pipeline	Northern Integrated Supply		Tatal
Cash flows from operating activities	Fund	Project	Project	Project	Hydropower	Total
	¢ 21 E22 120	¢ 227427E	¢ 171.0E0	¢	\$ 1,216,862	¢ 25 206 224
Receipts from participants	\$ 21,523,138	\$ 2,374,275				\$ 25,286,234
Payments to suppliers	(19,895,200)	(902,108)	(37,372)		(299,318)	(21,133,998)
Payments to employees	(21,539,052)	(1,652,190)	(125,731)	<del>-</del>	(316,884)	(23,633,857)
Net cash provided by (used in operating activities	(10.011.114)	(100.022)	0.056		600.660	(10 401 621)
. 3	(19,911,114)	(180,023)	8,856		600,660	(19,481,621)
Cash flows from noncapital financing activities						
Property and specific ownership tax	20.024.750					20 024 750
receipts	28,824,758	-	-	-	145 402	28,824,758 4,527,608
Intergovernmental grants	4,382,205	<del>-</del>	<u>-</u>		145,403	4,327,000
Net cash provided by noncapital financing activities	33,206,963		_	_	145,403	33,352,366
Cash flows from capital and related	33,206,963				145,405	33,332,300
financing activities						
Capital contributions (refund of prior						
contributions)		(1,846,243)		14,708,164	_	12,861,921
Acquisition and construction of	_	(1,040,243)	_	14,700,104	_	12,001,321
capital assets	(15,753,037)	(4,559,902)		(18,918,764)	(824)	(39,232,527)
·		(4,339,902)	-	(10,310,704)	(024)	
Proceeds from Series 2021 Certificates	63,415,647					63,415,647
Principal paid on capital debt and	(147.054)				(455.650)	(602 512)
interfund loan	(147,854)	-	-	-	(455,658)	(603,512)
Interest paid of capital debt and	(175 560)				(102.270)	(250,020)
interfund loan	(175,560)	-	-	-	(183,378)	(358,938)
Bond issuance costs	(386,052)					(386,052)
Principal receipts from interfund loan	222,198	-	-	-	-	222,198
Interest receipts from interfund Ioan	65,239	-	-	-	-	65,239
Proceeds from disposal of	1 201 004					1 201 004
capital assets	1,391,994	<del>-</del>		<u>-</u>		1,391,994
Net cash provided by (used in						
capital and related financing	40.622.575	(6.406.4.45)		(4.240.600)	(630,060)	27 275 070
activities	48,632,575	(6,406,145)		(4,210,600)	(639,860)	37,375,970
Cash flows from investing activities	(07.100.016)					(07.100.016)
Investment purchases	(97,190,816)	-	-	-	-	(97,190,816)
Investment sales Proceeds from earnings on	56,508,696	-	-	-	-	56,508,696
investments	798,981	284	16	_	1,465	800,746
Net cash provided (used) by	1 30,30 1	204	10		1,403	000,140
investing activities	(39,883,139)	284	16	_	1,465	(39,881,374)
Net change in cash and cash	(33,003,133)	204	10		1,405	(33,001,314)
equivalents	22,045,285	(6,585,884)	8,872	(4,210,600)	107,668	11,365,341
Cash and cash equivalents, beginning	22,043,203	(0,505,004)	0,012	(4,210,000)	107,000	11,505,541
of year	48,968,466	9,215,250	106,774	25,086,619	2,268,337	85,645,446
Cash and cash equivalents, end	70,500,400	5,215,250	100,774	25,000,019	2,200,337	05,045,440
of year	\$ 71,013,751	\$ 2,629,366	\$ 115,646	\$ 20,876,019	\$ 2,376,005	\$ 97,010,787
year	Ψ11,013,131	Ψ <i>L</i> ,0 <i>L</i> ,3,300	Ψ 113,0 <del>1</del> 0	Ψ <u>L</u> 0,010,013	Ψ <i>L</i> ,310,003	¥ 31,010,101

### **Statement of Cash Flows - Proprietary Funds (continued)**

Year ended September 30, 2021

			Busii	nes	s-type Activi	ity En	terprise F	un	ds		
					Pleasant	No	rthern				
	District		Southern		Valley	Inte	egrated				
	<b>Enterprise</b>	W	ater Supply		Pipeline	S	upply				
	Fund		Project		Project	P	roject	Н	ydropower		Total
Reconciliation of operating											
income (loss) to net cash											
provided (used) in operating											
activities											
Operating income (loss)	\$ (25,279,214)	\$	(2,835,017)	\$	(652,244)	\$	-	\$	643,844	\$	(28,122,631)
Adjustments											_
Depreciation	2,637,689		2,893,466		744,114		-		288,604		6,563,873
(Increase) decrease in current											
assets											
Receivables	(4,074,997)		614,535		12,760		-		(10,040)		(3,457,742)
Due to/from other funds	2,008,353		(853,007)		(95,778)		-		-		1,059,568
Advances	(220,380)		-		-		-		-		(220,380)
Other current assets Increase (decrease) in current	10,109		-		-		-		-		10,109
liabilities											
Accounts payable and											
accrued liabilities	5,987,747		_		4		_		(15,942)		5,971,809
Due to other funds	105,354		-		_		-		(305,806)		(200,452)
Retainage payable	252,867										252,867
Compensated absences Increase (decrease) in	47,393		-		-		-		-		47,393
Pension Plan-related											
items											
Net pension liability	(5,150,726)		-		-		-		-		(5,150,726)
Deferred outflows of											
resources	480,323		_		-		_		-		480,323
Deferred inflows of											
resources	3,284,368		-		_		_		-		3,284,368
Adjustments	5,368,100		2,654,994		661,100		-		(43,184)		8,641,010
Net cash provided (used) in			7 7						( - , - ,		
operating activities	\$ (19,911,114)	\$	(180,023)	\$	8,856	\$	-	\$	600,660	\$	(19,481,621)
Non-cash activities											(0=6-5-1-5)
Change in value of investments	\$ (358,019)		_		-		-			\$	(358,019)
Reconciliation of capital contribu	utions										
Capital contributions	\$ -	\$	2,317,731	\$	-	\$ 14	1,708,164	\$	-	\$	17,025,895
Less capital contributions that were received in the prior year											
but considered unearned  Less return of contributions			(2,246,452)		-		-		-	\$	(2,246,452)
that were received in the prior											
year			(1,917,522)		-		-		-		(1,917,522)
Cash flows from (refunded from) capital contributions	\$ -	¢	(1,846,243)	¢	_	\$ 14	1,708,164	\$	_	¢	12,861,921
nom, capital contributions	<u>Ψ</u>	Ф	(1,040,243)	Þ		ψ 1 <sup>2</sup>	T, 1 00, 104	ф		φ	12,001,321

### **Statement of Fiduciary Net Position – Fiduciary Fund Pension Trust Fund**

December 31, 2020

	<b>Pension Plan</b>
ASSETS	
Cash and cash equivalents	\$ 1,034,458
Investments	
Domestic equities	14,066,562
Mutual funds	
Fixed income	15,899,630
International equities	6,526,290
Low correlated hedge	4,649,834
Emerging markets equities	2,593,522
Investments	43,735,838
Due from Northern Water	97,680
Assets	44,867,976
LIABILITIES	
Liabilities	-
Net position restricted for pension	\$ 44,867,976

### **Statement of Changes in Fiduciary Net Position – Fiduciary Fund Pension Trust Fund**

Year ended December 31, 2020

	Pension Plan		
Additions			
Employer contributions	\$	2,367,405	
Investment earnings			
Net appreciation in fair value of investments		5,238,493	
Interest and dividends		1,553,362	
Investment earnings		6,791,855	
Investment expenses		(71,294)	
Investment earnings, net of expenses		6,720,561	
Additions to Plan assets		9,087,966	
Deductions			
Benefit payments		(2,429,379)	
Increase in net position		6,658,588	
Net position, beginning of year		38,209,389	
Net position, end of year	\$	44,867,977	

#### Notes to Financial Statements - September 30, 2021

#### 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

#### **Financial Reporting Entity**

Northern Water was organized September 20, 1937, as a quasi-municipal entity and political subdivision of the State of Colorado. Northern Water is governed by a 12-member Board of Directors, which is appointed by the presiding district court judges of four of the five judicial districts located wholly or partially within Northern Water boundaries. Board members are appointed to four-year terms, which are staggered so three Board seats are up for appointment each year.

#### Measurement Focus, Basis of Accounting and Financial Statement Presentation

Northern Water is a special-purpose government engaged in business-type activities. The accounts are organized and operated on a fund basis. The operations of each fund are 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. For these business-type activities, enterprise fund financial statements are presented. The financial statements are reported using the economic resources measurement focus and the accrual basis of accounting, consistent with businesses in the private sector. Revenues are recorded when earned and expenses are recorded when incurred, regardless of the timing of related cash flows. The Northern Water Group Pension Plan Fund, a defined benefit retirement plan, is presented as a fiduciary fund pension trust fund as of its December 31 year end.

The financial statements of Northern Water have been prepared in conformity with generally accepted accounting principles (GAAP) as promulgated by the Governmental Accounting Standards Board (GASB), the accepted standard setting body for establishing governmental accounting and financial reporting principles.

GASB Statement No. 34 sets forth minimum criteria for the determination of major and nonmajor funds. All of the Northern Water business-type enterprise funds met the criteria specified in the statement at September 30, 2021, with the exception of the Pleasant Valley Pipeline Project Enterprise Fund. Northern Water management has elected to report this fund as a major fund.

Northern Water, pursuant to a perpetual contract with the U.S. Department of the Interior and in conjunction with Reclamation, operates and maintains a portion of the C-BT Project. The primary purpose of the C-BT Project is the development and use of the waters of the Colorado and Big Thompson rivers.

The following is a description of the proprietary business-type enterprise funds and fiduciary fund of Northern Water:

- The District Enterprise Fund accounts for the operating activities of the C-BT Project, engineering programs, environmental and administrative support services.
- Southern Water Supply Project Enterprise Fund accounts for the activities of the SWSP pipelines and pump plant system.
- The Pleasant Valley Pipeline Project Enterprise Fund accounts for the activities of the PVP project.
- The Northern Integrated Supply Project Enterprise Fund accounts for the activities of NISP. The fund is engaged in permitting, design and preconstruction activities.
- The Northern Water Hydropower Enterprise Fund accounts for the activities of the Robert V. Trout (Trout) and Granby hydropower plants.
- The Pension Plan Fund accounts for the activities of the Northern Water Group Pension Plan. Since January 1, 2003, the Pension Plan has been closed to new participants. As a fiduciary component unit in accordance with GASB No. 84, the Pension Plan reports net position restricted for pensions and, therefore, is not available to support Northern Water operations. The reporting focus of the Pension Plan is on net position and changes in net position and employs accounting principles similar to the proprietary enterprise funds described above. As further described in Note 17, the financial statements of the Pension Plan are reported using the economic resources measurement focus and the accrual basis of accounting.

Proprietary enterprise funds distinguish operating revenues and expenses from nonoperating items. Operating revenues and expenses result from providing services and delivering goods in connection with the funds' principal ongoing operations. Operating revenues of Northern Water enterprise funds consist primarily of assessments, charges for services and energy revenue. Operating expenses include operations, engineering, environmental services and administrative costs associated with providing untreated water, services, energy and depreciation on capital assets. All revenues and expenses not meeting this definition of operating revenues and expenses, including property and specific ownership taxes, are reported as nonoperating revenues and expenses. When both restricted and unrestricted resources are available for use, it is Northern Water's policy to use restricted resources for their specified purposes first, then unrestricted resources as needed.

#### Assets, Deferred Outflows of Resources, Liabilities, Deferred Inflows of Resources and Net Position

#### Cash and Cash Equivalents, Unrestricted and Restricted

Cash and cash equivalents are considered to be cash deposits and short-term investments with original maturities of three months or less from the date of acquisition. Certain cash balances are held in the Colorado Statewide Investment Pool (CSIP), a local government investment pool. The State Securities Commissioner administers and enforces State statutes governing the CSIP. The CSIP seeks to maintain a stable net asset value of \$1.00 per share. Cash equivalents are reported at amortized cost, which is not considered significantly different from fair value. There are no limitations or restrictions on withdrawal. The weighted average maturity of the liquid portfolios is 55 days. The weighted average maturity of the term portfolios Series Dec 2021 and Series Dec 2022 are 36 days and 92 days, respectively. The fund has ratings of AAAm and AAAf. Certain balances are classified as restricted on the Statement of Net Position because their use is limited by either contractual obligations or debt covenants (Notes 9 and 10).

Colorado statutes require that Northern Water use eligible public depositories as defined by the Colorado Public Deposit Protection Act. Under the Act, amounts on deposit in excess of federal insurance levels must be collateralized by the banks. The eligible collateral is determined by the Act and allows the financial institution to create a single collateral pool for all public funds. The pool is to be maintained by another institution or held in trust for all the uninsured public deposits as a group. The fair value of the collateral must be at least equal to the aggregate uninsured deposits.

#### Investments, Unrestricted and Restricted

Northern Water's investment balances are reported at their fair value with net appreciation or depreciation on the assets included in earnings on investments. Northern Water categorizes its fair value measurements within the fair value level hierarchy established by GAAP. The hierarchy is based on the valuation inputs used to measure the fair value of the asset. Investments classified as Level 1 are valued using prices quoted in active markets for identical assets; investments classified as Level 2 are valued using a matrix pricing technique from an independent securities pricing service. Matrix pricing is used to value securities based on the securities' relationship to quoted benchmark prices.

Northern Water's investment objectives are the preservation of capital (safety), liquidity, return and diversification. The Board has adopted an investment policy for its proprietary enterprise funds that incorporates those objectives and establishes investment scope. The investment policy allows for the following investments:

- U.S. Treasury Obligations guaranteed by the U.S. Government
- Federal Agency and Instrumentality Securities, including those issued by or fully guaranteed by federal agencies or U.S. government-sponsored enterprises
- Time Certificates of Deposit in FDIC-insured state or nationally chartered banks or savings banks
- Negotiable Certificates of Deposit issued by any bank organized and operating within or outside the United States
- Corporate Bonds issued by a corporation or bank organized and operating within or outside the United States and denominated in U.S. dollars
- Municipal Bonds representing general and revenue obligations of state or local governments or under the authority of any state or political subdivision of such a government entity

- Commercial Paper where the issuer's commercial paper program's size exceeds \$200 million and is organized within or outside the United States
- Bankers Acceptances issued by FDIC-insured state or national banks with combined capital and surplus of at least \$250 million
- Repurchase Agreements collateralized by U.S. Treasury Obligations and Federal Agency Instrumentality Securities
- Local Government Investment Pools (LGIPs) authorized under Colorado state statute
- Money Market Mutual Funds registered under the Investment Company Act of 1940 and authorized under Colorado state statute

Investment balances have been classified as current and noncurrent consistent with the anticipated uses of the funds. Funds not expected to be used within one year are classified as noncurrent.

#### Receivables

Northern Water does not provide an allowance for uncollectible receivable balances because all balances are considered fully collectible.

#### **Other Current Assets**

Other current assets consist primarily of supplies inventory and payments to vendors applicable to future periods considered prepaid at year end. Inventory is held for consumption and valued at the lower of cost or market on a first-in, first-out basis.

#### **Capital Assets**

Capital assets of Northern Water include intangible assets such as water rights, easements, and computer software; physical assets such as water pipelines and hydropower plant infrastructures, buildings and improvements, computer, office and operations equipment and construction in progress.

Northern Water's share of the original construction and subsequent modifications or enhancements to the C-BT Project are treated similar to water rights and easements. Under its Repayment Contract, Northern Water has a perpetual contractual right to use water made available by the C-BT Project. All control and ownership of the C-BT Project multipurpose facilities remains with Reclamation. These rights are considered intangible, have an indefinite useful life, and are not depreciated or amortized.

All costs incurred for the construction or acquisition of infrastructure assets not related to the C-BT Project, including labor and legal charges, are capitalized. Capital assets, other than infrastructure assets, are defined by Northern Water as those with an initial individual cost of more than \$5,000. As Northern Water completes construction or acquires capital assets, including infrastructure assets, the assets are capitalized and reported at their historical cost. This reported value excludes normal maintenance and repairs, which are amounts incurred in relation to capital assets that do not increase the capacity or efficiency of those assets or extend their useful lives beyond the original estimate.

Capital assets are depreciated using the straight-line method over the following estimated useful lives: water pipelines and hydropower plants over 40 years, buildings and improvements over 5 to 25 years, operations equipment over 3 to 10 years, office equipment over 5 to 10 years and computer equipment over 3 years.

#### **Estimated Liability for Medical Claims**

Northern Water self-insures its specific individual medical claims and has assigned funds as a reserve for future claims. In accordance with GAAP, Northern Water accrues an estimated liability for medical claims incurred but not reported (IBNR). The accrual is based on industry norms given actual claims paid by Northern Water. The estimated liability is included in accounts payable and accrued liabilities.

#### **Compensated Absences**

Northern Water accrues annual and compensatory leave benefits when earned by employees and reflects the unused accumulated leave obligation as an accrued liability. In the event of an employee's termination, the employee is paid for the unused accumulated days up to specified maximum amounts. Employees do not accumulate sick leave and, therefore, no liability for unpaid sick leave is accrued.

#### **Net Position**

The financial statements utilize a net position presentation categorized as net investment in capital assets; restricted net position for major repairs, capital projects and debt service; and unrestricted. Net investment in capital assets reflects the portion of net position associated with capital assets, less outstanding capital-asset-related debt. Restricted net position consists of liquid assets generated from revenues that have third-party debt or contractual limitations on their use. Unrestricted net position represents unrestricted liquid assets.

#### **Revenues and Expenses**

#### **Charges for Services**

The District Enterprise Fund provides certain administrative, engineering, environmental and operational services to the other Northern Water enterprise funds. Charges for these services are considered equal to their cost and, therefore, are reported as operating revenue from charges for services by the District Enterprise Fund and operating expenses by the enterprise funds receiving the services.

#### **C-BT Project Operations Costs**

Northern Water reimburses Reclamation 50 percent of the operations costs incurred by Reclamation on those multipurpose project features not maintained by Northern Water. Similarly, Reclamation reimburses Northern Water 50 percent of the operations costs incurred by Northern Water for multipurpose features up to agreed-upon limitations and contingent on appropriations being made. In accordance with Northern Water's Repayment Contract with Reclamation, Northern Water makes estimated advance payments to Reclamation for its share of operations costs as described above. Reclamation reimbursements to Northern Water and Northern Water reimbursements to Reclamation are reflected as operating revenues from charges for services and operating expenses for operations, respectively, on the accompanying Statement of Revenues, Expenses and Changes in Net Position.

#### **Energy Revenue**

Hydropower energy revenue includes revenue from generated power and the sale of green energy credits in accordance with renewable agreements between Hydropower and electric associations. Revenue earned is based on megawatt hours of energy produced.

#### **Property and Specific Ownership Taxes**

Northern Water collects a voter-approved 1 mill levy tax on real property located within Northern Water boundaries. This tax is levied by the respective eight county treasurers in December of each year and attached as an enforceable property lien on January 1 of the following year. The county treasurers are responsible for collecting the assessments and remitting them to Northern Water. Property and specific ownership tax revenue is reported as nonoperating revenues on the accompanying financial statements.

#### **Intergovernmental Grants**

Grant funding received under NRCS and CWCB grant agreements relating to the East Troublesome Fire recovery effort is recognized as earned under the terms of the agreements and reflected as intergovernmental grant revenue. Hydropower intergovernmental grant revenue represents an incentive payment from the U.S. Department of Energy based on hydropower energy production from the Trout hydropower plant.

### 2 IMPLEMENTATION OF GASB 98

Northern Water has implemented GASB 98 "The Annual Comprehensive Financial Report", adopting the term *Annual Comprehensive Financial Report* and its acronym *ACFR*.

#### 3 STEWARDSHIP, COMPLIANCE AND ACCOUNTABILITY

#### Tax Revenue, Spending and Multiple-Fiscal Year Debt and Other Financial Obligation Limitations

Article X, Section 20, of the Colorado Constitution contains limitations on the ability of state and local governmental entities to increase taxes, revenues and spending and to enter into multiple fiscal year debt, direct and indirect, or other financial obligations. However, these limitations do not apply to "enterprises" as defined in the constitutional provision. Northern Water's Southern Water Supply Project Water Activity Enterprise, Pleasant Valley Pipeline Project Water Activity Enterprise, Northern Integrated Supply Project Water Activity Enterprise and the Northern Water Hydropower Water Activity Enterprise have been established as "water activity enterprises" in accordance with Colorado statutes and, as "enterprises," are excluded from the application of these constitutional restrictions. Amendment X, Section 20 is complex and subject to judicial interpretation. Northern Water believes it is in compliance with the requirements of the Amendment. However, Northern Water has made certain interpretations of the Amendment's language to determine its compliance.

#### **Budgetary Information**

Appropriated annual budgets are established and adopted for the proprietary enterprise funds on a basis consistent with GAAP with the following exceptions:

- Annual principal debt repayments are budgeted as nonoperating expense uses.
- Depreciation is not budgeted.
- Capital expenditures are treated as nonoperating expense uses and are not reduced by retainage.
- Interfund loan principal payments are budgeted by the District Enterprise Fund and Hydropower as nonoperating revenue sources and expense uses, respectively.
- Capital contributions are budgeted in the year received rather than when earned.
- Pension Plan expense is budgeted as contribution payments rather than the actuarially-determined pension expense.
- Supplemental Pension Plan contributions are budgeted on an amortized basis over eight years.
- Year-end payroll accruals are not budgeted.

Northern Water follows these annual procedures in establishing budgetary data reflected in the financial statements:

Task	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep
Key goals and objectives formulated									
Major budget assumptions identified									
Final budget recommendations made by division									
directors									
Budget officers appointed by the Board and budget									
reports prepared									
Budget delivered to the Board									
Public hearing held and budget adopted by the Board									
Budget filed with the Colorado State Division of Local									
Government									

The level of control (level at which expenses may not exceed appropriations) is maintained at the department, capital outlay and debt service levels. No commitment is authorized, nor any expenditure incurred, until it is determined that adequate appropriation balances exist for that purpose. Material purchase orders that would result in an overrun of available funds are not released until additional appropriations are made available. Management is authorized to transfer

#### Note 3 continued

budgeted amounts between departments; however, any revisions that exceed the appropriated balances must be approved by the Board. Unused appropriations lapse at the end of each fiscal year. The overall objective of these budgetary controls is to ensure compliance with legal provisions embodied in the annual appropriated budget approved by the Board.

### 4 CASH AND CASH EQUIVALENTS

As of September 30, 2021, Northern Water had the following cash and cash equivalents:

		<b>Total Cash</b>		
	Cur	rent	Noncurrent	and Cash
	Unrestricted	Restricted	Restricted	Equivalents
District Enterprise Fund				
Deposits	\$ 40,490,839	\$ -	\$ -	\$ 40,490,839
LGIP/Money Market Funds	1,671,279	28,623,605	228,028	30,522,912
District Enterprise fund	42,162,118	28,623,605	228,028	71,013,751
Southern Water Supply Project				
LGIP/Money Market Funds	2,040,092	589,274	-	2,629,366
Pleasant Valley Pipeline Project				
LGIP/Money Market Funds	115,646	-	-	115,646
Northern Integrated Supply Project				_
LGIP/Money Market Funds	11,329,702	9,546,317	-	20,876,019
Northern Water Hydropower				
Deposits	1,801,598	-	-	1,801,598
LGIP/Money Market Funds	-	-	574,407	574,407
Northern Water Hydropower	1,801,598	-	574,407	2,376,005
Cash and cash equivalents	\$ 57,449,156	\$ 38,759,196	\$ 802,435	\$ 97,010,787

There is no custodial credit risk for deposits held since all are eligible public depositories pursuant to the PDPA.

# **5** INVESTMENTS

As of September 30, 2021, the District Enterprise Fund had the following investments:

		Cur	ren	t	Noncurrent			Total
	Unrestricted			Restricted	Restricted			vestments
U.S. Government Securities	\$	24,159,091	\$	-	\$	1,681,136	\$	25,840,227
Federal Agency Securities		9,159,850		-		-		9,159,850
Federal Agency Collateralized Mortgage								
Obligations		1,490,218		-		-		1,490,218
Negotiable Certificates of Deposit		6,097,446		15,023,729		-		21,121,175
Supranationals		4,599,262		-		-		4,599,262
Municipal Obligations		3,968,004		-		-		3,968,004
Commercial Paper		799,768		14,168,378		-		14,968,146
Corporate Notes		1,022,880		-		-		1,022,880
Investments	\$	51,296,519	\$	29,192,107	\$	1,681,136	\$	82,169,762

Investment balances at September 30, 2021, by level hierarchy were as follows:

	Level 1			Level 2	Fair Value		
U.S. Government Securities	\$	25,840,227	\$	-	\$	25,840,227	
Federal Agency Securities		-		9,159,850		9,159,850	
Federal Agency Collateralized Mortgage							
Obligations		-		1,490,218		1,490,218	
Negotiable Certificates of Deposit		-		21,121,175		21,121,175	
Supranationals		-		4,599,262		4,599,262	
Municipal Obligations		-		3,968,004		3,968,004	
Commercial Paper		-		14,968,146		14,968,146	
Corporate Notes		-		1,022,880		1,022,880	
Investments	\$	25,840,227	\$	56,329,535	\$	82,169,762	

#### Note 5 continued

In accordance with Northern Water's investment policy, investments are limited to those meeting the following criteria:

	Maximum	Maximum	Maximum	
	Portfolio	Issuer	Maturity	Rating
_	Percentage	Percentage	Restrictions	Restrictions
U.S. Treasury Obligations	100%	100%	5 years	N/A
Federal Agency and Instrumentality Securities <sup>(1)</sup>	85%	35%	5 years	AA-
Negotiable Certificates of Deposit (1)(2)	35%	5%	3 years	-
Time Certificates of Deposit	5%	1%	1 year	N/A
Corporate Bonds <sup>(1)</sup>	35%	5%	3 years	AA-
Municipal Bonds <sup>(1)</sup>				
Colorado Issuer	35%	5%	5 years	A-
Non-Colorado Issuer	35%	5%	5 years	AA-
School District Certificates of Participation	35%	5%	5 years	Α
Commercial Paper <sup>(1)(3)</sup>	35%	5%	270 days	A-
Bankers Acceptances <sup>(1)(3)</sup>	35%	5%	180 days	Α-
Repurchase Agreements <sup>(4)</sup>	100%	25%	180 days	-
Local Government Investment Pools	100%	100%	N/A	AAAm/AAAf
Money Market Funds <sup>(5)</sup>	100%	100%	N/A	AAAm

The Northern Water investments portfolio is limited to an aggregate exposure of 50 percent of the sum total of the following investment types: Time Certificates of Deposit, Corporate Bonds, Commercial Paper and Bankers Acceptances. The aggregate exposure to Municipal Bonds may not exceed 35 percent of the portfolio and no more than 5 percent of the portfolio may be invested with a single issuer with certain exceptions pursuant to the provisions of GASB 40 or to the extent Northern Water's investment policy is more restrictive.

<sup>(1)</sup> Rating by two nationally-recognized statistical rating organizations

<sup>(2)</sup> Long-term rating of at least AA- or the equivalent; short-term rating of at least A-1 or the equivalent

<sup>(3)</sup> If senior debt is outstanding, senior debt must be rated A or the equivalent. Issuer's commercial paper program size shall exceed \$200 million.

<sup>(4)</sup> Collateralized by U.S. Treasury Obligations and Federal Agency Instrumentality Securities with collateral maturity not exceeding 10 years. Long-term credit rating of at least A or the equivalent; short-term rating of at least A-1 or the equivalent (5) No load; constant net asset value per share of \$1.00

As of September 30, 2021, the District Enterprise Fund had investments with the following maturities:

	Inv	Total		
	1 - 2 years 2 - 3 yea		3 - 5 years	Investments
U.S. Government Securities	\$ 1,595,906	\$ 7,913,594	\$ 16,330,727	\$ 25,840,227
Federal Agency Securities	-	8,545,607	614,243	9,159,850
Federal Agency Collateralized Mortgage				
Obligations	329,646	797,050	363,522	1,490,218
Negotiable Certificates of Deposit	21,121,175	-	-	21,121,175
Supranationals	-	1,677,619	2,921,643	4,599,262
Municipal Obligations	3,026,877	710,771	230,356	3,968,004
Commercial Paper	14,968,146	-	-	14,968,146
Corporate Notes	582,744	440,136	-	1,022,880
Investments	\$ 41,624,494	\$ 20,084,777	\$ 20,460,491	\$ 82,169,762

To the extent possible, Northern Water investments are matched with anticipated cash flow requirements.

#### **Interest Rate and Credit Risk**

Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of an investment. Credit risk is generally considered to be the risk that a financial institution holding a deposit or an issuer of an investment will not fulfill its obligation to a depositor or investor. Credit risk can be measured in part by the assignment of a rating by a nationally-recognized statistical rating organization. Concentration of credit risk arises from the magnitude of an investment in a single issuer. As of September 30, 2021, there were no investments greater than 5 percent of the portfolio with any one issuer.

As of September 30, 2021, the District Enterprise Fund had investments with the following Standard and Poor's ratings:

Ratings	Investments	Percentage	
A-1	\$ 26,476,252	32.2%	
A-1+	9,613,069	11.7%	
AA-	624,955	0.8%	
AA	1,009,764	1.2%	
AA+	37,671,754	45.8%	
AAA	5,849,385	7.1%	
Not rated	924,583	1.2%	
Investments	\$ 82,169,762	100.0%	

### **Interest Rate and Credit Risk (continued)**

	Rating	Investments	Percentage
U.S. Government Securities	AA+	\$ 25,840,227	31.5%
Federal Agency Securities	AA+	9,159,850	11.1%
Federal Agency Collateralized Mortgage			
Obligations	AA+	1,490,218	1.8%
Negotiable Certificates of Deposit	A-1	14,624,702	17.8%
Negotiable Certificates of Deposit	A-1+	6,496,473	7.9%
Supranationals	AAA	4,599,262	5.6%
Municipal Obligations	AA	829,486	1.0%
Municipal Obligations	AA+	963,813	1.2%
Municipal Obligations	AAA	1,250,122	1.5%
Municipal Obligations	Not rated	924,583	1.1%
Commercial Paper	A-1	11,851,550	14.4%
Commercial Paper	A-1+	3,116,596	3.8%
Corporate Notes	AA-	624,955	0.8%
Corporate Notes	AA	180,278	0.2%
Corporate Notes	AA+	217,647	0.3%
Investments		\$ 82,169,762	100.0%

### **6** RECEIVABLES

Receivables at September 30, 2021, are summarized by major classification as follows:

2021
\$ 3,485,940
222,511
5,488,200
429,945
7,934,748
123,632
4,788,288
\$ 22,473,265

As described in Note 19, receivables include approximately \$4.4 million due from the Subdistrict.

### **7** DUE TO/FROM OTHER FUNDS

Amounts due from the various Northern Water enterprise funds to the District Enterprise Fund at September 30, 2021, were as follows:

Due to District Enterprise Fund	 2021
Southern Water Supply Project	\$ 180,966
Pleasant Valley Pipeline Project	7,702
Northern Integrated Supply Project	169,603
Due to District Enterprise Fund	\$ 358,271
Due from District Fatouries Found	2021
Due from District Enterprise Fund	 2021
Hydropower	\$ 105,355

### **8** OTHER CURRENT ASSETS

Other current assets at September 30, 2021, included the following:

	2021		
Inventory	\$	164,101	
Prepaid expenses		10,310	
Other		799	
Other current assets	\$	175,210	

### 9 CASH EQUIVALENTS, RESTRICTED

Restricted cash equivalent balances have been classified as current and noncurrent consistent with the anticipated uses of the funds. The restricted balances at September 30, 2021, are detailed as follows:

Current Cash Equivalents, Restricted		2021
District Enterprise Fund		
Certificates of Participation, Series 2021	\$ 28	3,594,010
Certificates of Participation, Series 2021, Costs of Issuance		29,595
District Enterprise Fund	28	8,623,605
Southern Water Supply Project		
Eastern Pump Station		589,274
Northern Integrated Supply Project		
Phase 1		9,546,317
Current cash equivalents, restricted	\$ 38	3,759,196
Noncurrent Cash Equivalents, Restricted		
District Enterprise Fund		
Fund I Single Purpose (Reclamation)	\$	47,077
Fund II Multipurpose (Reclamation)		65,104
Fund IV Contingency (Reclamation)		8,192
Northern Water Hydropower Facility Removal		107,655
District Enterprise Fund		228,028
Northern Water Hydropower		
Colorado Water Resources and Power Development		
Authority Debt Service		134,564
Interfund Loan Payable Debt Service		322,957
Colorado Water Conservation Board Debt Service		116,886
Northern Water Hydropower		574,407
Noncurrent cash equivalents and investments,		
restricted	\$	802,435

#### **District Enterprise Fund**

- Certificates of Participation, Series 2021 Restricted for Campus Development Project costs.
- Certificates of Participation, Series 2021, Costs of Issuance Restricted for payment of 2021 Certificates issuance
  costs.
- Fund I Single Purpose (Reclamation) Restricted for operations and maintenance costs, major repairs, extraordinary and unforeseen expenditures for the C-BT Project single-purpose water supply features in the event there are insufficient funds available for such purposes from current revenues. Funding requirements are \$600,000 with a minimum of \$100,000.
- Fund II Multipurpose (Reclamation) Restricted for operations and maintenance costs, major repairs, extraordinary and unforeseen expenditures for the C-BT Project multipurpose features in the event there are insufficient funds available for such purposes from current revenues. Funding requirements are \$800,000 with a minimum of \$150,000.
- Fund IV Contingency (Reclamation) Restricted for contingent items with a funding requirement of \$100,000.
- Northern Water Hydropower Facility Removal Restricted for any future removal costs of the Trout hydropower plant.

#### **Southern Water Supply Project**

• Eastern Pump Plant – Restricted for construction of the pump plant.

#### **Northern Integrated Supply Project**

• Phase 1– Restricted for the acquisition of properties in conjunction with the NISP project.

#### **Northern Water Hydropower**

- Colorado Water Resources and Development Authority (CWRPDA) Debt Service Restricted for the payment of one year's debt service requirement.
- Interfund Loan Payable Debt Service Restricted for the payment of one year's debt service requirement.
- CWCB Debt Service Restricted for debt service in accordance with the CWCB loan agreement.

### **10** INVESTMENTS, RESTRICTED

Restricted investments have been classified as noncurrent consistent with the anticipated uses of the funds. District Enterprise Fund restricted balances at September 30, 2021, are detailed as follows:

2021
\$ 29,192,107
\$ 661,680
910,700
108,756
\$ 1,681,136

See Note 9 Cash Equivalents, Restricted for description of the purpose of restricted funds.

## **11** CAPITAL ASSETS

Capital asset activity for the Northern Water enterprise funds for the year ended September 30, 2021, was as follows:

Land, easements and water rights   87,363,568   455,640   - 87,819,10		2020	Additions	Retire	ements/Other	2021
Construction in progress	District Enterprise Fund					
Depreciable capital assets   Say 1,000	Non-depreciable capital assets					
Depreciable capital assets	Construction in progress	\$ 2,094,548	\$ 17,188,021	\$	- \$	19,282,569
Buildings and improvements	Land, easements and water rights	87,363,568	455,640		-	87,819,208
Operations equipment	Depreciable capital assets					
Computer and office equipment         10,264,276         296,245         (110,724)         10,449;           Capital assets         129,778,523         19,573,932         (506,866)         148,845,148,845,128           Less accumulated depreciation         130,137,770         (870,340)         -         (13,884,020)           Operations equipment         (4,958,262)         (411,619)         -         (5,369,076)           Computer and office equipment         (6,589,075)         (866,214)         -         7,446,141,141           Accumulated depreciation         (24,552,737)         (2,148,173)         -         (26,700)           District Enterprise Fund capital assets, net         105,225,786         17,425,919         -         (26,700)           Southern Water Supply Project         8,842,041         1,742,5911         -         10,584,1           Land and eassements         5,232,983         -         -         5,232,53           Depreciable capital assets         118,809,604         198,133         -         119,007,7           Capital assets         1,446,282,039         (2,893,466)         -         4,452,21,5           Southern Water Supply Project capital assets, net         91,256,589         (952,742)         -         93,03,3           Pleasant	Buildings and improvements	23,271,621	67,588		(40,683)	23,298,526
Capital assets	Operations equipment	6,784,510	1,566,438		(355,439)	7,995,509
Buildings and improvements	Computer and office equipment	10,264,276	296,245		(110,724)	10,449,797
Buildings and improvements	Capital assets	129,778,523	19,573,932		(506,846)	148,845,609
Operations equipment         (4,958,262)         (411,619)         - (5,369,41)           Computer and office equipment         (6,580,705)         (866,214)         - (7,446,51)           Accumulated depreciation         (24,552,737)         (2,148,173)         - (26,700,61)           District Enterprise Fund capital assets, net         105,225,786         17,425,759         (506,846)         122,144,41           Southern Water Supply Project           Non-depreciable capital assets         8,842,041         1,742,591         - 10,584,41           Land and easements         5,232,983         - (2,732,22)         - 5,232,52           Land and easements         5,232,983         - (2,732,22)         - (3,232,22)           Pepreciable capital assets         118,809,604         198,133         - 119,007,72           Capital assets         132,884,628         1,940,724         - 34,825,12           Less accumulated depreciation         (41,628,039)         (2,893,466)         - (44,521,13)           Water pipeline and equipment         (41,628,039)         (2,893,466)         - (44,521,13)           Southern Water Supply Project capital assets         91,256,589         (952,742)         - 9,303,43           Depreciable capital assets         334,330         - (2,893,41)         - (3,993,41)	Less accumulated depreciation					
Computer and office equipment         (6,580,705)         (866,214)         - (7,446)           Accumulated depreciation         (24,552,737)         (2,148,173)         - (26,700)           District Enterprise Fund capital assets, net         105,225,786         17,425,759         (506,846)         122,144,64           Southern Water Supply Project           Non-depreciable capital assets         8,842,041         1,742,591         - 0,5232,584           Land and easements         5,232,983         - 0         5,232,584           Depreciable capital assets         118,809,604         198,133         - 119,007,7           Capital assets         132,884,628         1,940,724         - 13,4825.5           Less accumulated depreciation         (41,628,039)         (2,893,466)         - 0,4525.5           Water pipeline and equipment         (41,628,039)         (2,893,466)         - 0,4525.5           Less accumulated depreciation         934,330         - 0,5232.5         - 0,303,8           Pleasant Valley Pipeline Project         Non-depreciable capital assets         - 0,306,80         - 0,306,80           Land and easements         934,330         - 0,5232.5         - 0,306,80           Less accumulated depreciation         (41,886,482)         (744,114)         - 0,206,90	Buildings and improvements	(13,013,770)	(870,340)		-	(13,884,110)
Accumulated depreciation District Enterprise Fund capital assets, net  804,1737 (2,148,173) (506,846) 122,144,65  804,174,174,175,175 (506,846) 122,144,65  804,174,174,175,175 (506,846) 122,144,65  804,174,175,175 (506,846) 122,144,65  805,174,175,175 (506,846) 122,144,65  805,174,175,175 (506,846) 122,144,65  805,174,175,175 (506,846) 122,144,65  805,174,175,175 (506,846) 122,144,65  805,174,175,175 (506,846) 122,144,65  805,174,175,175 (506,846) 122,144,65  805,174,175,175 (506,846) 1,742,591 (506,846) 1,584,64  Land and easements 5,232,983 (506,848) (506,846) 19,007,7  Capital assets  Less accumulated depreciation  Water pipeline and equipment (41,628,039) (2,893,466) (506,445,21,456) (506,846) (606,452,1456) (606	Operations equipment	(4,958,262)	(411,619)		-	(5,369,881)
Accumulated depreciation District Enterprise Fund capital assets, net  804,1737 (2,148,173) (506,846) 122,144,65  804,174,174,175,175 (506,846) 122,144,65  804,174,174,175,175 (506,846) 122,144,65  804,174,175,175 (506,846) 122,144,65  805,174,175,175 (506,846) 122,144,65  805,174,175,175 (506,846) 122,144,65  805,174,175,175 (506,846) 122,144,65  805,174,175,175 (506,846) 122,144,65  805,174,175,175 (506,846) 122,144,65  805,174,175,175 (506,846) 122,144,65  805,174,175,175 (506,846) 1,742,591 (506,846) 1,584,64  Land and easements 5,232,983 (506,848) (506,846) 19,007,7  Capital assets  Less accumulated depreciation  Water pipeline and equipment (41,628,039) (2,893,466) (506,445,21,456) (506,846) (606,452,1456) (606	Computer and office equipment	(6,580,705)	(866,214)		-	(7,446,919)
Non-depreciable capital assets		(24,552,737)	(2,148,173)		-	(26,700,910)
Non-depreciable capital assets					(506,846)	122,144,699
Construction in progress         8,842,041         1,742,591         - 10,584,6           Land and easements         5,232,983         - 5,232,6           Depreciable capital assets         - 118,809,604         198,133         - 119,007,7           Capital assets         132,884,628         1,940,724         - 134,825,2           Less accumulated depreciation         (41,628,039)         (2,893,466)         - (44,521,500)           Water pipeline and equipment         (41,628,039)         (952,742)         - 90,303,6           Pleasant Valley Pipeline Project           Non-depreciable capital assets         934,330         - 934,3           Land and easements         934,330         - 934,3           Depreciable capital assets         936,8895         - 936,764,6           Capital assets         30,698,895         - 936,764,6           Less accumulated depreciation         (11,886,482)         (744,114)         - 12,630,98,8           Water pipeline and equipment         (11,886,482)         (744,114)         - 18,068,2           Northern Integrated Supply Project         18,812,413         (744,114)         - 18,068,2           Northern Integrated Supply Project         18,812,413         (744,114)         - 18,068,2           Northern Integrated Supply Project						
Construction in progress         8,842,041         1,742,591         - 10,584,6           Land and easements         5,232,983         - 5,232,6           Depreciable capital assets         - 118,809,604         198,133         - 119,007,7           Capital assets         132,884,628         1,940,724         - 134,825,2           Less accumulated depreciation         (41,628,039)         (2,893,466)         - (44,521,500)           Water pipeline and equipment         (41,628,039)         (952,742)         - 90,303,6           Pleasant Valley Pipeline Project           Non-depreciable capital assets         934,330         - 934,3           Land and easements         934,330         - 934,3           Depreciable capital assets         936,8895         - 936,764,6           Capital assets         30,698,895         - 936,764,6           Less accumulated depreciation         (11,886,482)         (744,114)         - 12,630,98,8           Water pipeline and equipment         (11,886,482)         (744,114)         - 18,068,2           Northern Integrated Supply Project         18,812,413         (744,114)         - 18,068,2           Northern Integrated Supply Project         18,812,413         (744,114)         - 18,068,2           Northern Integrated Supply Project						
Land and easements	·	8,842,041	1,742,591		-	10,584,632
Depreciable capital assets   Water pipeline and equipment   118,809,604   198,133   - 119,007,7	. •		-		-	5,232,983
Water pipeline and equipment         118,809,604         198,133         - 119,007,7           Capital assets         132,884,628         1,940,724         - 134,825,3           Less accumulated depreciation         Water pipeline and equipment         (41,628,039)         (2,893,466)         - (44,521,50)           Southern Water Supply Project capital assets, net         91,256,589         (952,742)         - 90,303,80           Pleasant Valley Pipeline Project           Non-depreciable capital assets         934,330         - 29,764,565         - 29,764,565           Less accumulated depreciation         29,764,565         - 29,764,569,689         - 30,698,895           Less accumulated depreciation         (11,886,482)         (744,114)         - 18,068,769,896,896,705           Pleasant Valley Pipeline Project capital assets, net         18,812,413         (744,114)         - 18,068,769,896,896,896,705           Northern Integrated Supply Project         Non-depreciable capital assets         49,617,922         19,885,405         - 69,503,306,896,896,896,896,896,896,896,896,896,89	Depreciable capital assets					
Capital assets       132,884,628       1,940,724       - 134,825,525         Less accumulated depreciation       (41,628,039)       (2,893,466)       - (44,521,120,120)         Southern Water Supply Project capital assets, net       91,256,589       (952,742)       - 90,303,80         Pleasant Valley Pipeline Project       Non-depreciable capital assets       934,330       934,20       - 934,20         Land and easements       934,330       29,764,50       - 29,764,50       - 29,764,50         Capital assets       30,698,895       30,698,80       - 30,698,80         Less accumulated depreciation       (11,886,482)       (744,114)       - (12,630,40)         Pleasant Valley Pipeline Project capital assets, net       18,812,413       (744,114)       - 18,068,20         Northern Integrated Supply Project       Non-depreciable capital assets       49,617,922       19,885,405       - 69,503,30         Northern Water Hydropower       Non-depreciable capital assets       - 824       - 69,503,30         Northern Water Hydropower       - 824       - 69,503,30         Northern Union in progress       - 824       - 69,503,30         Construction in progress       - 824       - 69,503,30         Pepreciable capital assets       - 824       - 11,502,80         Ca	·	118,809,604	198,133		-	119,007,737
Less accumulated depreciation       (41,628,039)       (2,893,466)       - (44,521,164,175)         Southern Water Supply Project capital assets, net       91,256,589       (952,742)       - 90,303,8         Pleasant Valley Pipeline Project         Non-depreciable capital assets       394,330       - 934,5         Land and easements       934,330       - 934,5         Depreciable capital assets       30,698,895       - 936,698,895         Less accumulated depreciation       (11,886,482)       (744,114)       - 18,068,208,898,895         Less accumulated depreciation       (11,886,482)       (744,114)       - 18,068,208,898,898,898,898,898,898,898,898,898,8	- · · · · · · · · · · · · · · · · · · ·				_	134,825,352
Water pipeline and equipment         (41,628,039)         (2,893,466)         - (44,521,120,130)           Southern Water Supply Project capital assets, net         91,256,589         (952,742)         - 90,303,8           Pleasant Valley Pipeline Project         Value Project assets         Value Proj	•					
Southern Water Supply Project capital assets, net   91,256,589   (952,742)   - 90,303,80     Pleasant Valley Pipeline Project     Non-depreciable capital assets     Land and easements   934,330   -   - 934,80     Depreciable capital assets     Water pipeline and equipment   29,764,565   -   - 29,764,80     Capital assets   30,698,895   -   - 30,698,80     Less accumulated depreciation     Water pipeline and equipment   (11,886,482)   (744,114)   - (12,630,800)     Pleasant Valley Pipeline Project capital assets, net     Northern Integrated Supply Project     Non-depreciable capital assets     Construction in progress   49,617,922   19,885,405   - 69,503,500     Northern Water Hydropower     Non-depreciable capital assets     Construction in progress   49,617,922   19,885,405   - 69,503,500     Northern Water Hydropower     Non-depreciable capital assets     Construction in progress   49,617,922   19,885,405   - 69,503,500     Northern Water Hydropower     Non-depreciable capital assets     Capital assets   11,502,848   824   - 11,502,840     Less accumulated depreciation     Hydropower plants   (1,827,259)   (288,605)   - (2,115,400)     Hydropower capital assets, net   9,675,589   (287,781)   - 9,387,800     Oscillation   1,503,800   1,503,800     Oscillation   1,503	·	(41,628,039)	(2,893,466)		-	(44,521,505)
Pleasant Valley Pipeline Project   Non-depreciable capital assets   Sand and easements   Sand assets   Sand and equipment   Sand assets   Sand and easements   Sand and easements   Sand assets   Sand assets   Sand and easements   Sand assets   Sand assets   Sand assets   Sand assets   Sand assets   Sand assets   Sa	- · · · · · · · · · · · · · · · · · · ·				-	90,303,847
Non-depreciable capital assets						
Land and easements       934,330       -       -       934,330         Depreciable capital assets       29,764,565       -       -       29,764,565         Capital assets       30,698,895       -       -       30,698,895         Less accumulated depreciation       (11,886,482)       (744,114)       -       (12,630,988,895)         Pleasant Valley Pipeline and equipment       (11,886,482)       (744,114)       -       18,068,288         Pleasant Valley Pipeline Project capital assets, net       18,812,413       (744,114)       -       18,068,288         Northern Integrated Supply Project       Non-depreciable capital assets       -       69,503,288         Construction in progress       49,617,922       19,885,405       -       69,503,288         Northern Water Hydropower       -       824       -       -       69,503,288         Northern Water Hydropower       -       824       -       -       69,503,288         Northern Water Hydropower       -       824       -       -       -       69,503,288         Popreciable capital assets       -       824       -       -       -       -       -       -       -       -       -       -       -       -       - <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Water pipeline and equipment       29,764,565       -       -       29,764,565         Capital assets       30,698,895       -       -       30,698,895         Less accumulated depreciation       (11,886,482)       (744,114)       -       (12,630,480,480)         Water pipeline and equipment       (11,886,482)       (744,114)       -       18,068,280,480         Pleasant Valley Pipeline Project capital assets, net       18,812,413       (744,114)       -       18,068,280         Northern Integrated Supply Project       Non-depreciable capital assets       -       69,503,380         Construction in progress       49,617,922       19,885,405       -       69,503,380         Northern Water Hydropower       -       824       -       69,503,380         Non-depreciable capital assets       -       824       -       69,503,380         Depreciable capital assets       -       824       -       60,503,380         Depreciable capital assets       11,502,848       -       -       11,502,848         Capital assets       11,502,848       824       -       11,503,848         Less accumulated depreciation       -       (2,115,4,4,140)       -       9,675,589       (287,781)       -       9,387,84	·	934,330	-		-	934,330
Water pipeline and equipment       29,764,565       -       -       29,764,565         Capital assets       30,698,895       -       -       30,698,895         Less accumulated depreciation       (11,886,482)       (744,114)       -       (12,630,480,480)         Water pipeline and equipment       (11,886,482)       (744,114)       -       18,068,280,480         Pleasant Valley Pipeline Project capital assets, net       18,812,413       (744,114)       -       18,068,280         Northern Integrated Supply Project       Non-depreciable capital assets       -       69,503,380         Construction in progress       49,617,922       19,885,405       -       69,503,380         Northern Water Hydropower       -       824       -       69,503,380         Non-depreciable capital assets       -       824       -       69,503,380         Depreciable capital assets       -       824       -       60,503,380         Depreciable capital assets       11,502,848       -       -       11,502,848         Capital assets       11,502,848       824       -       11,503,848         Less accumulated depreciation       -       (2,115,4,4,140)       -       9,675,589       (287,781)       -       9,387,84	Depreciable capital assets					
Capital assets       30,698,895       -       -       30,698,895         Less accumulated depreciation       Water pipeline and equipment       (11,886,482)       (744,114)       -       (12,630,930,000,000,000,000,000,000,000,000,0		29,764,565	-		-	29,764,565
Less accumulated depreciation       Water pipeline and equipment       (11,886,482)       (744,114)       - (12,630,430,430)         Pleasant Valley Pipeline Project capital assets, net       18,812,413       (744,114)       - 18,068,240,430         Northern Integrated Supply Project         Non-depreciable capital assets         Construction in progress       49,617,922       19,885,405       - 69,503,300,430,430         Northern Water Hydropower         Northern Water Hydropower       - 824       - 69,503,300,430,430         Construction in progress       - 824       - 11,502,840,430,430,430,430,430,430,430,430,430,4			-		-	30,698,895
Water pipeline and equipment       (11,886,482)       (744,114)       - (12,630,430)         Pleasant Valley Pipeline Project capital assets, net       18,812,413       (744,114)       - 18,068,2         Northern Integrated Supply Project         Non-depreciable capital assets       49,617,922       19,885,405       - 69,503,3         Northern Water Hydropower       - 824       - 69,503,3         Non-depreciable capital assets       - 824       - 12,502,84         Construction in progress       - 824       - 11,502,84         Depreciable capital assets       11,502,848       - 11,502,84         Less accumulated depreciation       11,502,848       824       - 11,503,84         Less accumulated depreciation       (1,827,259)       (288,605)       - (2,115,84,115)         Hydropower plants       (1,827,259)       (287,781)       - 9,387,84	•					
Pleasant Valley Pipeline Project capital assets, net       18,812,413       (744,114)       - 18,068,2         Nor-depreciable capital assets         Construction in progress       49,617,922       19,885,405       - 69,503,3         Nor-depreciable capital assets         Construction in progress       - 824       - 69,503,3         Depreciable capital assets       - 824       - 11,502,8         Hydropower plants       11,502,848       - 11,502,8         Capital assets       11,502,848       824       - 11,503,8         Less accumulated depreciation       11,502,848       824       - 11,503,8         Hydropower plants       (1,827,259)       (288,605)       - (2,115,8)         Hydropower capital assets, net       9,675,589       (287,781)       - 9,387,8	·	(11.886.482)	(744.114)		_	(12,630,596)
Northern Integrated Supply Project         Non-depreciable capital assets       49,617,922       19,885,405       - 69,503,3         Construction in progress       49,617,922       19,885,405       - 69,503,3         Northern Water Hydropower       Non-depreciable capital assets         Construction in progress       - 824       - 36,500         Depreciable capital assets       Hydropower plants       11,502,848       - 11,502,848         Capital assets       11,502,848       824       - 11,503,848         Less accumulated depreciation       Hydropower plants       (1,827,259)       (288,605)       - (2,115,848)         Hydropower capital assets, net       9,675,589       (287,781)       - 9,387,848					-	18,068,299
Non-depreciable capital assets  Construction in progress  49,617,922 19,885,405 - 69,503,3  Northern Water Hydropower  Non-depreciable capital assets  Construction in progress - 824 - 824 Depreciable capital assets  Hydropower plants 11,502,848 11,502,848 Capital assets  Less accumulated depreciation Hydropower plants (1,827,259) (288,605) - (2,115,848) Hydropower capital assets, net	-		( , ,			-,,
Construction in progress       49,617,922       19,885,405       - 69,503,33         Northern Water Hydropower         Non-depreciable capital assets       - 824       - 33         Construction in progress       - 824       - 33         Depreciable capital assets       11,502,848       11,502,848         Hydropower plants       11,502,848       824       - 11,503,648         Less accumulated depreciation       (1,827,259)       (288,605)       - (2,115,648)         Hydropower capital assets, net       9,675,589       (287,781)       - 9,387,848						
Northern Water Hydropower         Non-depreciable capital assets       -       824       -       824         Construction in progress       -       824       -       824         Depreciable capital assets       11,502,848       -       -       11,502,848         Capital assets       11,502,848       824       -       11,503,648         Less accumulated depreciation       (1,827,259)       (288,605)       -       (2,115,648)         Hydropower capital assets, net       9,675,589       (287,781)       -       9,387,848	·	49.617.922	19.885.405		_	69,503,327
Non-depreciable capital assets  Construction in progress - 824 - 824  Depreciable capital assets  Hydropower plants 11,502,848 11,502,848  Capital assets 11,502,848 824 - 11,503,848  Less accumulated depreciation  Hydropower plants (1,827,259) (288,605) - (2,115,849)  Hydropower capital assets, net 9,675,589 (287,781) - 9,387,849	· •	,	10,000,100			00/000/02
Construction in progress       -       824       -       824         Depreciable capital assets       -       11,502,848       -       -       11,502,848         Hydropower plants       11,502,848       824       -       11,503,648         Less accumulated depreciation       -       (1,827,259)       (288,605)       -       (2,115,848)         Hydropower capital assets, net       9,675,589       (287,781)       -       9,387,848						
Depreciable capital assets         Hydropower plants       11,502,848       -       -       11,502,8         Capital assets       11,502,848       824       -       11,503,6         Less accumulated depreciation         Hydropower plants       (1,827,259)       (288,605)       -       (2,115,6         Hydropower capital assets, net       9,675,589       (287,781)       -       9,387,8		_	824		_	824
Hydropower plants         11,502,848         -         -         11,502,8           Capital assets         11,502,848         824         -         11,503,8           Less accumulated depreciation         Hydropower plants         (1,827,259)         (288,605)         -         (2,115,8           Hydropower capital assets, net         9,675,589         (287,781)         -         9,387,8	. •		02.			<b>5</b> 2.
Capital assets       11,502,848       824       - 11,503,6         Less accumulated depreciation         Hydropower plants       (1,827,259)       (288,605)       - (2,115,8         Hydropower capital assets, net       9,675,589       (287,781)       - 9,387,8		11 502 848	_		_	11,502,848
Less accumulated depreciation         Hydropower plants       (1,827,259)       (288,605)       - (2,115,833)         Hydropower capital assets, net       9,675,589       (287,781)       - 9,387,833			824		_	11,503,672
Hydropower plants         (1,827,259)         (288,605)         -         (2,115,800)           Hydropower capital assets, net         9,675,589         (287,781)         -         9,387,800	·	11,552,640	024			,555,672
Hydropower capital assets, net 9,675,589 (287,781) - 9,387,8	·	(1 827 259)	(288 605)		_	(2,115,864)
					-	9,387,808
Capital assets, net \$ 274,588,299 \$ 35,326,527 \$ (506,846) \$ 309,407,5		\$	\$	\$	(506.846) \$	309,407,980

See outstanding commitments described in Note 21.

## 12 ACCOUNTS PAYABLE AND ACCRUED LIABILITIES

Accounts payable and accrued liabilities at September 30 consisted primarily of trade payables, but also included the IBNR liability at year end. IBNR activity for the years ended September 30 was as follows:

	 2021	2020		
Claims incurred	\$ 1,805,834 \$	1,405,983		
Claims paid	(1,805,834)	(1,405,983)		
Adjustment to IBNR estimate	65,237	(5,069)		
IBNR, beginning of year	 223,228	228,297		
IBNR, end of year	\$ 288,465 \$	223,228		

Claims incurred and paid are shown net of stop loss reimbursements.

### **13** COMPENSATED ABSENCES

Activity for annual leave and compensatory time off for the years ended September 30 was as follows:

	 2021	2020		
Absences accrued	\$ 1,235,991	\$	1,211,399	
Absences taken	(1,188,599)		(947,310)	
Compensated absences, beginning of year	 1,223,157		959,068	
Compensated absences, end of year	\$ 1,270,549	\$	1,223,157	

### 14 LONG-TERM DEBT, INTERFUND LOAN RECEIVABLE/PAYABLE AND NET PENSION (ASSET) LIABILITY

# District Enterprise Fund

### **Certificates of Participation, Series 2021**

In 2021, the District issued the 2021 Certificates to fund its Campus Development Project. The 2021 Certificates were issued with an original principal amount of \$52,050,000 and at a premium of \$11,365,647. Annual principal payments on the 2021 Certificates are due each July through 2051 beginning in 2022. Interest is payable in semi-annual installments in January and July at either 4 percent or 5 percent beginning January 2022. Amortization of the related premium amounted to \$124,102 for the year ended September 30, 2021, and was credited against interest expense. The 2021 Certificates are subject to optional redemption, mandatory sinking fund redemption and extraordinary mandatory redemption under terms as described below.

The 2021 Certificates represent undivided proportionate interests in Base Rentals and other revenues under an annually renewable lease purchase agreement between the trustee for the 2021 Certificates and Northern Water. Although no particular funds or sources of revenue are pledged to make payments under the lease, the District intends to budget, appropriate and pay the Base Rentals allocable to the 2021 Certificates from the District's revenues. The lease is subject to annual appropriation. Base Rental amounts contain or equal the annual debt service on the 2021 Certificates. The 2021 Certificates are subject to federal arbitrage regulations applicable to tax-exempt bonds.

The 2021 Certificates maturing on or prior to July 1, 2031, are not subject to optional redemption prior to maturity. The 2021 Certificates maturing on or after July 1, 2032, are subject to redemption prior to maturity at the option of the District at any time on or after July 1, 2031, at a redemption price equal to the principal amount of the 2021 Certificates being redeemed plus accrued interest to the redemption date, but without a premium.

The 2021 Certificates maturing on July 1, 2046, are subject to mandatory sinking fund redemption at a redemption price equal to the principal amount thereof plus accrued interest to the redemption date, without a premium, as follows:

July 1,	 Amount
2042	\$ 2,055,000
2043	2,135,000
2044	2,220,000
2045	2,310,000
(maturity)	2,400,000

The 2021 Certificates maturing on July 1, 2051, are subject to mandatory sinking fund redemption at a redemption price equal to the principal amount thereof plus accrued interest to the redemption date, without a premium, as follows:

July 1,	Amount		
2047	\$	2,500,000	
2048		2,600,000	
2049		2,700,000	
2050		2,810,000	
(maturity)		2,920,000	

If the lease is terminated by reason of non-appropriation, lease default or in the event the leased property is damaged or destroyed or title thereto is jeopardized in any way, the 2021 Certificates are subject to being called for extraordinary mandatory redemption at a redemption price equal to the principal amount thereof, plus accrued interest to the redemption date (subject to availability of funds).

#### **Horsetooth Safety of Dams**

Northern Water is obligated under its contract with Reclamation to pay a portion of the costs of the Reclamation Horsetooth Safety of Dams project. This obligation, with an original loan amount of \$4,234,399, was funded by Reclamation under Supplement No. 7 of the Repayment Contract between Northern Water and Reclamation. Annual payments of \$323,416, including interest at 5.75 percent, are due on December 31 through the year 2033.

#### **Northern Water Hydropower**

#### **Colorado Water Resources and Power Development Authority**

Hydropower has a 20-year loan agreement with CWRPDA for an original loan amount of \$2 million that was used to partially finance construction of the Trout hydropower plant.

Annual payments of \$122,313, including interest at 2 percent, are due September 1 through the year 2032. In accordance with the terms of the debt agreement, a restricted balance has been established for debt service payments (Note 9). In the event of default, the lender shall have the right to take any action required to collect the amounts then due. Capital assets of the Trout plant and energy revenues generated from the plant are pledged as security for the loan.

#### Interfund Loan Receivable/Payable

Hydropower capital financing for the Trout hydropower plant not provided by CWRPDA as described above was financed by the District Enterprise Fund in the form of a 20-year loan to Hydropower with an original loan amount of \$4.7 million. Annual payments of \$287,437, including interest at 2 percent, are due on February 15 through the year 2033.

In accordance with the terms of the debt agreement, a restricted balance has been established for debt service payments (Note 9). In the event of default the lender shall have the right to take any action required to collect the amounts then due. Capital assets of the Trout plant and energy revenues generated from the plant are pledged as security for the loan. The loan is subordinated to the lien granted to secure the loan from CWRPDA.

#### **Colorado Water Conservation Board**

Hydropower has a 30-year loan agreement with the CWCB for an original loan amount of \$5,135,183, which was used to finance construction of the Granby hydropower plant. Annual payments of \$229,285, including interest at 2 percent, are due on October 1 through the year 2047.

In accordance with the terms of the debt agreement, a restricted debt service balance has been established (Note 9). The balance is increased annually by one-tenth of the annual debt service through 2026. Energy revenues generated from the Granby plant are pledged as security for the loan. In the event of default, CWCB may, at its option, declare the entire outstanding principal and accrued interest amounts as immediately due and payable.

All Northern Water outstanding debt is considered to be direct borrowings under GASB 88.

Note 14 continued

Long-term debt activity for the year ended September 30, 2021, was as follows:

					Aı	nounts Due
	 2020	Additions	Reductions	2021	Wit	hin One Year
District Enterprise Fund						
Certificates of Participation,						
Series 2021	\$ -	\$ 52,050,000	\$ - \$	52,050,000	\$	1,095,000
Unamortized premium	-	11,365,647	(124,102)	11,241,545		-
Certificates of Participation,						
Series 2021	-	63,415,647	(124,102)	63,291,545		1,095,000
Contract payable to						
Reclamation						
Horsetooth Safety of Dams	3,053,230	-	(147,854)	2,905,376		156,357
District Enterprise Fund	3,053,230	63,415,647	(271,956)	66,196,921		1,251,357
Northern Water Hydropower						
Colorado Water Resources and						
Power Development	1,293,507	-	(96,444)	1,197,063		98,372
Colorado Water Conservation						
Board	4,613,462	-	(137,016)	4,476,446		139,757
Northern Water Hydropower	5,906,969	-	(233,460)	5,673,509		238,129
Total long-term debt						
outstanding	8,960,199	63,415,647	(505,416)	71,870,430	\$	1,489,486
Less current maturities of long-						
term debt	(381,315)	(1,108,171)	-	(1,489,486)		
Long-term debt, net of current						
maturities	\$ 8,578,884	\$ 62,307,476	\$ (505,416) \$	70,380,944	=	

Interfund receivable/payable activity for the year ended September 30, 2021, was as follows:

	2020	A	dditions	R	eductions	2021	Amounts Due Within One Year
Northern Water Hydropower Interfund Interfund loan receivable/ payable	\$ 3,261,938	\$	_	\$	(222,198) \$	3,039,740	\$ 226,642
Less current maturities of interfund loan receivable/payable	(222,198)		(4,444)		-	(226,642)	
Interfund loan receivable/ payable, net of current maturities	\$ 3,039,740	\$	(4,444)	\$	(222,198) \$	2,813,098	

Net pension (asset) liability activity for the year ended September 30, 2021, was as follows:

	2020	Additions		Reducti	ons	2021
District Enterprise Fund						_
Net pension (asset)/liability	\$ 4,230,984	\$	-	\$ (5,150	),726)	\$ (919,742)

Annual debt service requirements to maturity by major type of debt including the interfund loan receivable/payable are as shown below:

		District Ente	rprise Fund				
	Certific	ates of					
	Partici	pation,	Horsetooth	Safety of			
	Series	s 2021	Dan	ns	Hydro		
Years ending							
September 30,	Principal	Interest	Principal	Interest	Principal	Interest	<b>Debt Service</b>
2022	\$ 1,095,000	\$ 1,945,422	\$ 156,357	\$ 167,059	\$ 464,771	\$ 174,265	\$ 4,002,874
2023	895,000	2,144,800	165,347	158,069	474,066	164,970	4,002,252
2024	930,000	2,109,000	174,855	148,561	483,547	155,488	4,001,451
2025	965,000	2,071,800	184,909	138,507	493,218	145,817	3,999,251
2026	1,015,000	2,023,550	195,541	127,875	503,083	135,953	4,001,002
2027 - 2031	5,890,000	9,303,750	1,159,859	457,220	2,670,423	524,754	20,006,006
2032 - 2036	7,470,000	7,722,600	868,508	101,739	1,564,564	279,050	18,006,461
2037 - 2041	9,140,000	6,055,800	-	-	978,849	167,579	16,342,228
2042 - 2046	11,120,000	4,075,000	-	-	1,080,728	65,700	16,341,428
2047 - 2051	13,530,000	1,665,600	-	-	-	-	15,195,600
Debt service	\$ 52,050,000	\$ 39,117,322	\$ 2,905,376	\$1,299,030	\$ 8,713,249	\$1,813,576	\$105,898,553

Annual debt service requirements to maturity for all types of debt for Northern Water including the interfund loan receivable/payable are as follows:

Years ending					
September 30,	Principal	Interest	Total		
2022	\$ 1,716,128	\$ 2,286,746	\$ 4,002,874		
2023	1,534,413	2,467,839	4,002,252		
2024	1,588,402	2,413,049	4,001,451		
2025	1,643,127	2,356,124	3,999,251		
2026	1,713,624	2,287,378	4,001,002		
2026 - 2031	9,720,282	10,285,724	20,006,006		
2032 - 2036	9,903,072	8,103,389	18,006,461		
2037 - 2041	10,118,849	6,223,379	16,342,228		
2042 - 2046	12,200,728	4,140,700	16,341,428		
2047 - 2051	13,530,000	1,665,600	15,195,600		
Debt service	\$ 63,668,625	\$ 42,229,928	\$ 105,898,553		

### 15 DEFERRED OUTFLOWS AND INFLOWS OF RESOURCES

At September 30, 2021, Northern Water had deferred outflows and inflows of resources relating to the Pension Plan as follows:

	2021
Deferred Outflows	
Contributions subsequent to December 31, 2020, measurement date	\$ 1,169,958
Effect of assumption changes	1,339,973
Economic/demographic gains/losses	801,372
Deferred Outflows	\$ 3,311,303
Deferred Inflows	
Investments gains/losses	\$ (4,764,716)
Effect of assumption changes	(78,795)
Deferred Inflows	\$ (4,843,511)

### **16** MONEY PURCHASE PLAN

Northern Water has a defined contribution Money Purchase Plan established by the Board in 2003 to provide retirement benefits to employees not covered under the Pension Plan. The Money Purchase Plan is administered by a third-party plan administrator. The participants are neither permitted nor required to make contributions to the Money Purchase Plan. Plan administrative fees are paid by Northern Water. The Board established the Money Purchase Plan and may amend its provisions and contribution requirements.

In addition, Northern Water has a matching program whereby Northern Water makes additional contributions to the Money Purchase Plan to match employees' contributions to the Northern Water voluntary Deferred Compensation Plan up to specified maximums. Only employees participating in the Money Purchase Plan are eligible for the Northern Water match.

Percentage	of	Employee's				
Compensation						

	Compensation					
	Money Purchase	Matching				
<b>Years of Service</b>	<b>Plan Contribution</b>	Contribution				
Less than 5 years	5%	3%				
5 to 9 years	6%	2%				
10 - 14 years	7%	2%				
15 years or more	8%	1%				

Northern Water's contributions to the Money Purchase Plan, including the matching portion, for the year ended September 30, 2021, was \$864,859.

#### 17 PENSION PLAN

#### **Plan Description**

Northern Water has a single-employer Pension Plan, which provides retirement benefits to qualified employees hired prior to January 1, 2003, and their beneficiaries. The Pension Plan is on a calendar year end. The most recent actuarial valuation was as of January 1, 2021. The Measurement Date, the date as of which the net pension asset was determined, was December 31, 2020. The Pension Plan does not issue a stand-alone financial report.

Under the terms of the Pension Plan, at normal retirement age, eligible participants may elect to receive one of the following retirement benefit options:

- A monthly benefit equal to two percent of their average monthly compensation multiplied by their years of credited service
- An actuarially-determined lump sum benefit based on this same formula
- A benefit reflecting a combination of a monthly benefit and a lump sum benefit in three specified proportions

Normal retirement age is defined as having attained age 65 or 30 years of service and age 60. Monthly benefit payments are increased by an annual cost of living increase based on the Consumer Price Index. The Board established the Pension Plan and may amend it.

At January 1, 2021, the Pension Plan had a total of 62 participants including 26 retirees receiving benefits, 33 active plan members and 3 former employees entitled to benefits but not yet eligible to receive them.

#### **Summary of Significant Accounting Policies**

The financial statements of the Pension Plan are prepared using the accrual basis of accounting.

#### **Pension Plan Contributions**

Pension Plan contributions are approved and may be amended by the Board. Contributions are recognized when paid into the Pension Plan. Contributions are neither permitted nor required of the Pension Plan participants. Northern Water funds all Pension Plan administrative and investment management costs. It is the policy of Northern Water to fund the Pension Plan based on amounts duly appropriated by the Board for the current fiscal year. That amount is typically the actuarially-determined contribution as defined by the Pension Plan's actuarial report. For the year ended December 31, 2020, Northern Water contributions to the Pension Plan amounted to \$2,367,405, which included the annual actuarially-determined contribution, investment fees and a supplemental contribution of \$799,000.

#### **Investment Portfolio**

In accordance with the terms of the Pension Plan Investment Policy Statement, at December 31, 2020, Pension Plan assets were invested in a diversified portfolio as follows:

	Concentration
Domestic equities	31%
Fixed income	36%
International equities	15%
Low correlated hedge funds	10%
Emerging markets	6%
Investments	98%
Cash	2%
Pension Plan investment portfolio	100%

GAAP has established a fair value hierarchy that prioritizes the inputs to cash and investment fair value techniques, giving the highest priority to quoted prices in active markets for identical assets (Level 1 measurements) and lower priority to unobservable inputs (Level 3 measurements). Certain investments may be measured at their net asset value (NAV) as a practical expedient of fair value and excluded from the fair value hierarchy.

As of December 31, 2020, the Pension Plan had the following investments:

	December 31,		Level 1
Domestic equities	\$	14,066,562	\$ 14,066,562
Fixed income		15,899,630	15,899,630
International equities		6,526,290	6,526,290
Low correlated hedge funds		215,223	215,223
Emerging markets		2,593,522	2,593,522
Investments at fair value		39,301,227	\$ 39,301,227
Low correlated hedge funds measured			_
at NAV			
Equity long/short hedge fund		2,313,122	
Multi-strategy hedge fund		2,121,489	
Investments	\$	43,735,838	

The equity long/short hedge fund invests in a variety of related segregated portfolios with various global investment strategies of which the majority follow a long/short or market neutral equity strategy that primarily relies on fundamental security analysis for the purchase or sale of individual securities. Redemptions are permitted monthly with a 30-day notice. The multi-strategy hedge fund invests in approximately 18 independent funds that pursue multiple strategies to diversify risk and reduce volatility including relative value, market neutral and low net equity, event-driven, and distressed and credit securities. Liquidity, representing the available frequency of redemption without a redemption fee, is permitted semi-annually with a 95-day notice.

The long-term expected rate of return on Pension Plan investments was based on expected inflation, long-term real returns and volatility. The capital market assumptions listed below are from Northern Water's actuarial investment consulting practice as of December 31, 2020, and assume a 20-year time horizon.

	Target Long-Term Expected Ari	
	Allocation	Real Rate of Return
US Cash	3.0%	-0.64%
US Core Fixed Income	23.0%	0.49%
US Bank/Leveraged Loans	5.0%	2.59%
US Large Caps	22.0%	3.92%
US Small & Mid Caps	9.0%	4.85%
Foreign Developed Equity	17.0%	5.71%
Emerging Markets Equity	6.0%	7.48%
Hedge FOF Diversified	15.0%	1.67%

For the Pension Plan year ended December 31, 2020, the annual money-weighted rate of return was 17.7 percent. The money-weighted rate of return considered the changing amounts actually invested during the period and weighted the

amount of Pension Plan investments by the proportion of time they were available to earn a return during the period. External cash outflows were determined on a monthly basis and were assumed to occur at the middle of each month. External cash inflows were netted with external cash outflows, resulting in a net external cash flow in each month. The money-weighted rate of return was calculated net of investment expenses.

#### **Interest Rate and Credit Risk**

Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of an investment. Credit risk is generally considered to be the risk that an issuer of an investment will not fulfill its obligations to an investor. The fixed income mutual funds held by the Pension Plan at December 31, 2020, were unrated by a nationally-recognized statistical rating organization. Concentration of credit risk arises from the magnitude of an investment in a single issuer. At December 31, 2020, there were no individual holdings of the Pension Plan exceeded 5 percent of total assets.

Weighted average maturities for the Pension Plan's fixed income mutual funds were as follows:

		Fair Value	
	De	ecember 31,	Weighted
		2020	<b>Average Maturity</b>
Eaton Vance Floating Rate	\$	2,809,702	4.98 years
Metropolitan West		7,102,688	N/A
Schroder Fixed Income Fund		5,987,240	7.47 years

#### **Actuarial Methods and Assumptions**

Total pension liability was determined by an actuarial valuation as of the December 31, 2020, Measurement Date, using the following actuarial assumptions:

- Inflation 2.2 percent
- Salary Increases Based on the Northern Water step-grade pay increase program with periodic 5 percent increases at various years of service, plus an underlying wage increase of 3 percent
- Cost of Living Adjustments 1.1 percent (prior valuation assumed 1.25 percent)
- Mortality Pub-2010 Healthy Employee and Retiree Mortality Tables for General Employees projected generationally using Scale MP2020 (prior valuation used Scale MP2018)
- Investment Rate of Return 5.25 percent (prior valuation assumed 5.5 percent)
- Valuation Timing January 1
- Actuarial Cost Method Entry Age Normal
- Retirement Age Participants are assumed to retire at age 65

#### Changes in Net Pension (Asset) Liability

The net pension (asset) liability was determined by an actuarial valuation as of the December 31, 2020, Measurement Date, calculated based on a discount rate and long-term expected rate of return of 5.25 percent. Changes in pension liability for the Pension Plan year ended December 31, 2020, were as follows:

	Total Pension			duciary Net Position	Net Pension (Asset) Liability	
Balances, December 31, 2019	<b>Liability</b> \$ 42,440,373			\$ 38,209,389		4,230,984
Changes for the year:						
Service cost		673,664		-		673,664
Interest on total pension liability		2,305,359		-		2,305,359
Effect of economic/demographic gains/losses		215,956		-		215,956
Effect of assumption changes		742,260		-		742,260
Benefit payments		(2,429,380)		(2,429,380)		-
Employer contributions		-		2,367,405		(2,367,405)
Investment gains or losses		-		6,720,560		(6,720,560)
Net changes		1,507,859		6,658,585		(5,150,726)
Balance, December 31, 2020	\$	43,948,232	\$	44,867,974	\$	(919,742)
Fiduciary net position as a percentage of total pension liability Covered payroll Net pension asset as a percentage of covered payroll				102.1% \$4,408,705 -20.9%		

#### **Sensitivity Analysis**

The following presents the net pension (asset) liability as of December 31, 2020, calculated using the discount rate of 5.25 percent, as well as what the net pension liability would have been if it were calculated using a discount rate that was 1 percentage point lower (4.25 percent) or 1 percentage point higher (6.25 percent) than the current rate.

	1 Percentage		Current		1 Percentage	
	<b>Point Decrease</b>		<b>Discount Rate</b>		<b>Point Increase</b>	
	(4.25%)		(5.25%)		(6.25%)	
Total pension liability	\$	47,885,734	\$	43,948,232	\$	40,537,554
Fiduciary net position		44,867,975		44,867,974		44,867,975
Net pension (asset) liability	\$	3,017,759	\$	(919,742)	\$	(4,330,421)

#### **Pension Plan Deferred Inflows and Outflows of Resources**

As of the December 31, 2020, Measurement Date deferred inflows and outflows of resources relating to the Pension Plan were as follows:

	Deferred Inflows of			Deferred
				utflows of
	Resources			Resources
Economic/demographic (gains)/losses	\$	-	\$	801,372
Effect of assumption changes		(78,796)		1,339,973
Net difference between projected and actual				
earnings on investments		(4,764,715)		-
Northern Water contributions made subsequent to				
the December 31, 2020, measurement date		-		1,169,958
Deferred inflows and outflows of resources	\$	(4,843,511)	\$	3,311,303

Deferred outflows of resources resulting from Northern Water contributions subsequent to the December 31, 2020, Measurement Date are included above and will be recognized as a reduction in the net pension asset in the fiscal year ending September 30, 2022. Other amounts reported as deferred inflows and outflows of resources related to the Pension Plan will be recognized in pension expense as follows:

Amo	<b>Amounts Recognized in</b>						
	Pension Expense						
\$	22,493						
	(155,416)						
	(1,645,097)						
	(924,145)						
\$	(2,702,165)						

Additional future Pension Plan-related deferred inflows and outflows of resources may impact these numbers.

#### **Pension Expense**

For the fiscal year ended September 30, 2021, Northern Water recognized pension expense of \$968,647.

#### 18 INTERGOVERNMENTAL GRANTS

As a sponsor for the NRCS EWP program, Northern Water was awarded a \$12 million NRCS federal grant. As of September 30, 2021, \$9.5 million in eligible costs had been incurred and recognized as intergovernmental revenue. The initial term of the grant expired in November 2021. Northern Water has received an extension of the grant through August 2022. In addition, Northern Water received awards from the CWCB under their Colorado Watershed Restoration Grant and Forest Restoration and Wildfire Risk Management Grant programs in the amount of \$5.5 million. As of September 30, 2021, \$2.7 million in eligible costs had been incurred and recognized as intergovernmental revenue. The grant expires June 30, 2022.

### **19** INTERGOVERNMENTAL TRANSACTIONS

For the year ended September 30, 2021, total charges from Northern Water to the Subdistrict for operations, engineering, environmental and administrative services amounted to \$3,802,829 including Subdistrict carriage costs of \$2,145,482. Of the \$3,802,829, a total of \$2,105,299 was receivable from the Subdistrict at year end and included in receivables in the accompanying financial statements. Receivables at September 30, 2021, also included \$2,266,650 from the Subdistrict as compensation for prior water rights. In addition, Northern Water provides centralized cash receipts and disbursement functions for the Subdistrict.

#### **20** RISK MANAGEMENT

Northern Water carries commercial insurance for its operations and property risks including business interruption, property losses, casualty risks, liability to third parties, natural disasters and injuries to employees. Settled claims have not exceeded insurance coverage in any of the past three fiscal years. Northern Water is self-insured for medical benefits with stop loss coverage.

#### 21 COMMITMENTS AND CONTINGENCIES

Northern Water has outstanding commitments for NISP mitigation and enhancement, design and preconstruction work of \$12.8 million and for the Campus Development Project design and construction of \$39 million. The purchase order commitments had an original value of \$74.9 million.

In addition, in the normal course of business, there are various outstanding legal proceedings, claims, commitments and contingent liabilities. In the opinion of management, the ultimate disposition of these matters will not have a materially adverse effect on the Northern Water financial statements.





# REQUIRED SUPPLEMENTARY INFORMATION

### Schedule of Changes in Net Pension Liability and Related Ratios – Fiduciary Fund Pension Trust Plan<sup>(1)</sup>

Pension Plan year ended December 31

	2020	2019	2018	2017	2016	2015	2014
Total pension liability							
Service cost	\$ 673,664	\$ 744,039	\$ 750,237	\$ 593,304	\$ 629,104	\$ 767,076	\$ 746,409
Interest on total pension liability	2,305,359	2,357,210	2,412,496	2,481,636	2,533,835	2,479,704	2,360,109
Effect of economic/							
demographic gains/losses	215,956	853,600	940,602	90,073	98,744	459,807	(63,355)
Effect of assumption changes	742,260	856,705	1,678,482	(529,054)	120,176	727,550	1,178,636
Benefit payments	(2,429,380)	(5,171,928)	(4,808,193)	(3,107,012)	(1,962,149)	(1,846,706)	(293,103)
Net change in pension liability	1,507,859	(360,374)	973,624	(471,053)	1,419,710	2,587,431	3,928,696
Total pension liability, beginning							
of year	42,440,373	42,800,747	41,827,123	42,298,176	40,878,466	38,291,035	34,362,339
Total pension liability, end of year	43,948,232	42,440,373	42,800,747	41,827,123	42,298,176	40,878,466	38,291,035
Fiduciary net position	13/3 10/232	12/110/313	12,000,111	11/02//123	12/230/110	10/07 0/ 100	30,231,033
Employer contributions	2,367,405	2,089,663	2,533,926	2,612,183	3,315,464	1,511,622	631,338
Investment gains (losses)	6,720,560	5,854,474	(2,118,348)	4,636,518	1,611,802	(421,624)	1,091,271
Benefit payments	(2,429,380)	(5,171,928)	(4,808,193)	(3,107,012)	(1,962,149)	(1,846,706)	(293,103)
Change in fiduciary net position	6,658,585	2,772,209	(4,392,615)	4,141,689	2,965,117	(756,708)	1,429,506
, ,	0,030,303	<i>L,112,203</i>	(4,332,013)	4,141,003	2,303,111	(130,100)	1,423,300
Fiduciary net position, beginning of year	38,209,389	35,437,180	39,829,795	35,688,106	32,722,989	33,479,697	32,050,191
Fiduciary net position, end	00,200,000	33,131,133	00/020/.00	33,000,.00	32/. 22/333	33, 3,03.	32/030/131
of year	44,867,974	38,209,389	35,437,180	39,829,795	35,688,106	32,722,989	33,479,697
Net pension (asset) liability,		<u> </u>	<u> </u>	<u> </u>	<u> </u>		
end of year	\$ (919,742)	\$4,230,984	\$7,363,567	\$1,997,328	\$6,610,070	\$8,155,477	\$4,811,338
Fiduciary net position as a							
percentage of pension liability	102.1%	90.0%	82.8%	95.2%	84.4%	80.0%	87.4%
Covered payroll	\$4,408,705	\$4,626,308	\$4,946,272	\$5,752,756	\$6,150,893	\$6,212,513	\$6,306,166
Net pension liability as a percentage of covered payroll	-20.9%	91.5%	148.9%	34.7%	107.5%	131.3%	76.3%
Money-weighted rate of return	17.7%	17.5%	-5.6%	13.2%	4.9%	-1.3%	3.4%

<sup>&</sup>lt;sup>(1)</sup> Information for years prior to 2014 not disclosed because data was not available.

### **Schedule of Employer Contributions – Fiduciary Fund Pension Trust Plan**

						Employer			
					<b>Employer</b>				
						Over (Under)			Contribution as
Fiscal Year	A	Actuarially		Actual		<b>Actuarially-</b>			a Percentage
Ended	D	etermined		Employer Determined				Covered	of Covered
September 30,	Co	Contribution		ontribution	Contribution		Payroll	Payroll	
2012	\$	1,486,930	\$	1,505,057	\$	18,127	\$	6,340,694	23.7%
2013		1,427,987		1,624,350		196,363		6,212,281	26.1%
2014		1,464,770		1,740,550		275,780		6,193,924	28.1%
2015		1,478,222		1,457,540		(20,682)		6,292,764	23.2%
2016		1,402,690		1,721,211		318,521		6,229,543	27.6%
2017		1,626,008		3,301,343		1,675,335		6,197,108	53.3%
2018		1,534,694		2,390,592		855,898		6,051,359	39.5%
2019		1,268,476		2,374,835		1,106,359		5,551,135	42.8%
2020		1,216,085		2,374,032		1,157,947		4,866,281	48.8%
2021		1,497,032		2,352,187		855,155		4,571,907	51.4%





## **SUPPLEMENTARY INFORMATION**

### **District Enterprise Fund**

Budget (unaudited)         Actual         Variance (2004)         September (30,020)           Operating revenue sources         ***         ***         ***         ***         ***         ***         ***         ***         ***         ***         ***         ***         ***         ***         **         *** <th></th> <th>Year end</th> <th>Year ended</th>		Year end	Year ended		
Water assessments         \$11,839,319         \$12,059,790         \$220,471         \$11,580,149           Charges for services         7,776,371         7,276,338         (500,033)         7,961,981           Other operating revenues         2,384,450         4,320,428         1,393,578         2,509,470           Operating revenue sources         22,000,140         23,656,556         1,656,416         22,051,600           Operating revenue sources         (35,524,067)         (46,298,081)         (10,774,014)         (29,205,452)           Operating revenue sources         25,249,000         26,963,388         1,714,388         27,187,290           Earnings on investments         2,157,200         447,267         (17,099,33)         2,318,899           Intergovernmental grants         2,157,200         447,267         (17,09,933)         2,318,899           Other nonoperating revenues         159,775         3,644,883         3,485,108         368,138           Interfund loan receivable receipts         54,265,600         63,415,647         9,150,047         2217,840           Bond proceeds         54,265,600         63,415,647         9,150,047         2217,840           Capital purchase and project expenditures         (323,416)         (18,737,467         20,738,678         (9,498,		_	Actual	Variance	30, 2020
Charges for services         7,776,371         7,276,338         (50,033)         7,961,981           Other operating revenues         2,384,450         4,320,428         1,935,978         2,509,470           Operating revenue sources         22,000,140         23,656,556         1,656,416         22,051,600           Operating revenue sources under         (13,523,927)         (22,641,525)         (9,117,598)         (7,153,852)           Operating revenue sources under         (13,523,927)         (22,641,525)         (9,117,598)         (7,153,852)           Property and specific ownership taxes         25,249,000         26,963,388         1,714,388         27,187,209           Earnings on investments         2,157,200         447,267         (1,709,933)         2,318,891           Intergovernmental grants         159,775         3,644,883         3,485,108         368,138           Interfund loan receivable receipts         159,775         3,644,883         3,485,108         368,138           Bond proceeds         54,265,600         63,415,647         9,150,047         20,738,678         29,905,157           Nonoperating expense uses         (323,416)         (323,414)         2         (2,910,851)         2,910,851           Gabital purchase and project expenditures         (33,461,45) </td <td>Operating revenue sources</td> <td></td> <td></td> <td></td> <td></td>	Operating revenue sources				
Other operating revenues         2,384,450         4,320,428         1,935,978         2,509,170           Operating revenue sources         22,000,140         23,656,556         1,656,416         22,051,600           Operating expense uses         (35,524,067)         (46,298,081)         (10,774,014)         229,205,452           Operating revenue sources under         (13,523,927)         (22,641,525)         (9,117,598)         7,153,852           Nonoperating revenue sources         25,249,000         26,963,388         1,714,388         27,187,290           Earnings on investments         2,157,200         447,267         (1,709,933)         2,318,893           Intergovernmental grants         159,775         3,644,883         3,485,108         368,138           Other nonoperating revenues         159,775         3,644,883         3,485,108         368,138           Interfund loan receivable receipts         82,190,12         107,075,575         24,956,563         2990,515           Bond proceeds         (2,263,416)         (323,414)         2         (2,910,851)           Nonoperating expense uses         (33,476,145)         (18,737,467)         20,738,678         (9,498,294)           Bond costs of issuance         (23,3416)         (12,9125)         (12,910,851)         (2,9	Water assessments	\$ 11,839,319	\$ 12,059,790	\$ 220,471	\$ 11,580,149
Operating expense uses         22,000,140         23,656,556         1,656,416         22,051,600           Operating expense uses         (35,524,067)         (46,298,081)         (10,774,014)         (29,205,452)           Operating revenue sources under         (13,523,927)         (22,641,525)         (9,117,598)         (7,153,852)           Nonoperating revenue sources         Property and specific ownership taxes         25,249,000         26,963,388         1,714,388         27,187,290           Earnings on investments         2,157,200         447,267         (1,709,933)         2,318,898           Intergovernmental grants         2,157,200         447,267         (1,709,933)         2,318,898           Interfund loan receivable receipts         287,437         287,437         12,316,953         12,316,953         -2,178,400           Bond proceeds         54,265,600         63,415,647         9,150,047         -2,784           Bond proceeds         54,265,600         63,415,647         9,150,047         -2,784           Capital purchase and project expenditures         (39,476,145)         (18,737,467         20,738,678         9,948,294           Reserve funding         (1,776,204)         (1,776,204)         2,29,000         -2           Supplemental Pension Plan contribution         <	Charges for services	7,776,371	7,276,338	(500,033)	7,961,981
Operating expense uses         (35,524,067)         (46,298,081)         (10,774,014)         (29,205,425)           Operating revenue sources         (13,523,927)         (22,641,525)         (9,117,598)         (7,153,852)           Nonoperating revenue sources         8         (27,187,200)         26,963,388         1,714,388         27,187,200           Earnings on investments         25,249,000         26,963,388         1,714,099,333         2,131,809           Intergovernmental grants         2,157,200         447,267         (1,709,933)         2,318,809           Interfund loan receivable receipts         287,437         3,448,833         3,485,108         368,138           Interfund loan receivable receipts         287,437         287,437         9,150,047         -27,840           Bond proceeds         82,119,012         107,075,575         24,955,650         299,05,157           Nonoperating expense uses         (323,416)         (323,414)         2         (29,10,851)           Capital purchase and project expenditures         (39,476,145)         (18,737,407)         20,738,678         (9,498,294)           Reserve funding         (1,776,204)         (1,776,204)         (1,776,204)         (1,776,204)         (1,729,102)         (229,000)           Supplemental Pension Plan cont	Other operating revenues	2,384,450	4,320,428	1,935,978	2,509,470
Operating revenue sources         (13,523,927)         (22,641,525)         (9,117,598)         (7,153,852)           Nonoperating revenue sources         Property and specific ownership taxes         25,249,000         26,963,388         1,714,388         27,187,290           Earnings on investments         2,157,200         447,267         (1,709,933)         2,131,889           Intergovernmental grants         -         12,316,953         12,316,953         -           Other nonoperating revenues         159,775         3,644,883         3,485,108         368,138           Interfund loan receivable receipts         287,437         287,437         9,150,047         -         217,840           Bond proceeds         54,265,600         63,415,647         9,150,047         -         -           Nonoperating revenue sources         82,119,012         107,075,575         24,956,563         29,905,157           Nonoperating expense uses         (323,416)         (323,414)         2         (2,910,851)           Capital purchase and project expenditures         (39,476,145)         (18,737,467)         20,738,678         (9,498,294)           Reserve funding         (1,776,204)         (1,776,204)         (12,9125)         (229,000)           Contingency         (250,000)         -	Operating revenue sources	22,000,140	23,656,556	1,656,416	22,051,600
Nonoperating revenue sources         25,249,000         26,963,388         1,714,388         27,187,290           Earnings on investments         2,157,200         447,267         (1,709,933)         2,318,898           Intergovernmental grants         -         12,316,953         12,316,953         2,318,898           Other nonoperating revenues         159,775         3,644,883         3,485,108         368,138           Interfund loan receivable receipts         287,437         287,437         -         217,840           Bond proceeds         54,265,600         63,415,647         9,150,047         -         217,840           Bond proceeds         82,119,012         107,075,575         24,956,563         29,905,157           Nonoperating expense uses         (323,416)         (323,414)         2         (2,910,851)           Capital purchase and project expenditures         (39,476,145)         (18,737,467)         20,738,678         (9,498,294)           Reserve funding         (1,776,204)         (1,776,204)         -         -         2         (386,052)         (386,052)         -         -         -         2         (386,052)         (386,052)         -         -         -         -         -         -         -         -	Operating expense uses	(35,524,067)	(46,298,081)	(10,774,014)	(29,205,452)
Property and specific ownership taxes         25,249,000         26,963,388         1,714,388         27,187,290           Earnings on investments         2,157,200         447,267         (1,709,933)         2,131,889           Intergovernmental grants         -         12,316,953         12,316,953         -           Other nonoperating revenues         159,775         3,644,883         3,485,108         368,138           Interfund loan receivable receipts         287,437         287,437         -         217,840           Bond proceeds         54,265,600         63,415,647         9,150,047         -           Nonoperating expense uses         82,119,012         107,075,575         24,956,563         29,905,157           Nonoperating expense uses         (323,416)         (18,737,467)         20,738,678         (9,498,294)           Reserve funding         (1,776,204)         (1,776,204)         -         -         (2,910,851)           Bond costs of issuance         (39,476,145)         (18,737,467)         20,738,678         (9,498,294)           Supplemental Pension Plan contribution         -         (129,125)         (129,125)         (229,000)           Contingency         (250,000)         -         250,000         -         -	Operating revenue sources under	(13,523,927)	(22,641,525)	(9,117,598)	(7,153,852)
Earnings on investments         2,157,200         447,267         (1,709,933)         2,131,898           Intergovernmental grants         1 2,316,953         12,316,953         12,316,953         3.64,838           Other nonoperating revenues         159,775         3,644,883         3,485,108         368,138           Interfund loan receivable receipts         287,437         287,437         - 217,840           Bond proceeds         54,265,600         63,415,647         9,150,047         - 27,840           Nonoperating revenue sources         82,119,012         107,075,575         24,956,563         29,905,157           Nonoperating expense uses         (323,416)         (323,414)         2         (2,910,851)           Capital purchase and project expenditures         (39,476,145)         (18,737,467)         20,738,678         (9,498,294)           Reserve funding         (1,776,204)         (1,776,204)         2         (2,910,851)           Bond costs of issuance         2         (386,052)         (386,052)         (229,000)           Contingency         (250,000)         2         250,000         2           Nonoperating expense uses         (41,825,765)         (21,352,262)         20,473,503         (12,638,145)           Nonoperating expense uses	Nonoperating revenue sources				
Intergovernmental grants         -         12,316,953         12,316,953         3.64           Other nonoperating revenues         159,775         3,644,883         3,485,108         368,138           Interfund loan receivable receipts         287,437         287,437         -         217,840           Bond proceeds         54,265,600         63,415,647         9,150,047         -           Nonoperating evenue sources         82,119,012         107,075,575         24,956,563         29,905,157           Nonoperating expense uses         (323,416)         (323,414)         2         (2,910,851)           Debt service         (323,416)         (18,737,467)         20,738,678         (9,498,294)           Capital purchase and project expenditures         (39,476,145)         (18,737,467)         20,738,678         (9,498,294)           Reserve funding         (1,776,204)         (1,776,204)         -         -         20,738,678         (9,498,294)           Bond costs of issuance         -         (386,052)         (386,052)         (229,000)         -           Supplemental Pension Plan contribution         -         (129,125)         (129,125)         (229,000)           Contingency         (250,000)         -         250,000         - <t< td=""><td>Property and specific ownership taxes</td><td>25,249,000</td><td>26,963,388</td><td>1,714,388</td><td>27,187,290</td></t<>	Property and specific ownership taxes	25,249,000	26,963,388	1,714,388	27,187,290
Other nonoperating revenues         159,775         3,644,883         3,485,108         368,138           Interfund loan receivable receipts         287,437         287,437         -         217,840           Bond proceeds         54,265,600         63,415,647         9,150,047         -           Nonoperating revenue sources         82,119,012         107,075,575         24,956,563         29,905,157           Nonoperating expense uses	Earnings on investments	2,157,200	447,267	(1,709,933)	2,131,889
Interfund loan receivable receipts         287,437         287,437         -         217,840           Bond proceeds         54,265,600         63,415,647         9,150,047         -           Nonoperating revenue sources         82,119,012         107,075,575         24,956,563         29,905,157           Nonoperating expense uses	Intergovernmental grants	-	12,316,953	12,316,953	-
Bond proceeds         54,265,600         63,415,647         9,150,047         -           Nonoperating revenue sources         82,119,012         107,075,575         24,956,563         29,905,157           Nonoperating expense uses         (323,416)         (323,414)         2         (2,910,851)           Capital purchase and project expenditures         (39,476,145)         (18,737,467)         20,738,678         (9,498,294)           Reserve funding         (1,776,204)         (1,776,204)         -         -         -           Bond costs of issuance         -         (386,052)         (386,052)         -         -           Supplemental Pension Plan contribution         -         (129,125)         (129,125)         (229,000)           Contingency         (250,000)         -         250,000         -         250,000         -           Nonoperating expense uses         (41,825,765)         (21,352,262)         20,473,503         (12,638,145)           Nonoperating revenue sources over         40,293,247         85,723,313         45,430,066         17,267,012           Revenue sources over expenses uses         (63,415,647)         -         -           Adjustments to reconcile budgetary         (28,448,762)         -         -	Other nonoperating revenues	159,775	3,644,883	3,485,108	368,138
Nonoperating expense uses         82,119,012         107,075,575         24,956,563         29,905,157           Nonoperating expense uses         (323,416)         (323,414)         2         (2,910,851)           Capital purchase and project expenditures         (39,476,145)         (18,737,467)         20,738,678         (9,498,294)           Reserve funding         (1,776,204)         (1,776,204)         -         -         -           Bond costs of issuance         -         (386,052)         (386,052)         -         -           Supplemental Pension Plan contribution         -         (129,125)         (129,125)         (229,000)           Contingency         (250,000)         -         250,000         -           Nonoperating expense uses         (41,825,765)         (21,352,262)         20,473,503         (12,638,145)           Nonoperating revenue sources over         40,293,247         85,723,313         45,430,066         17,267,012           Revenue sources over expenses uses         26,769,320         63,815,647)         -         -           Adjustments to reconcile budgetary         (287,437)         (217,841)         -           Debt service payments         (287,437)         (217,841)         -           Debt service payments         <	Interfund loan receivable receipts	287,437	287,437	-	217,840
Nonoperating expense uses         (323,416)         (323,414)         2         (2,910,851)           Capital purchase and project expenditures         (39,476,145)         (18,737,467)         20,738,678         (9,498,294)           Reserve funding         (1,776,204)         (1,776,204)         -         -           Bond costs of issuance         -         (386,052)         (386,052)         -           Supplemental Pension Plan contribution         -         (129,125)         (129,125)         (229,000)           Contingency         (250,000)         -         250,000         -           Nonoperating expense uses         (41,825,765)         (21,352,262)         20,473,503         (12,638,145)           Nonoperating revenue sources over         40,293,247         85,723,313         45,430,066         17,267,012           Revenue sources over expenses uses         \$26,769,320         63,081,788         \$36,312,468         10,113,160           Adjustments to reconcile budgetary         (63,415,647)         -         -           Bond proceeds         (287,437)         (217,841)           Debt service payments         (323,000)         -         -           Interest expense, net of bond premium         (323,000)         -         -	Bond proceeds	54,265,600	63,415,647	9,150,047	-
Debt service         (323,416)         (323,414)         2         (2,910,851)           Capital purchase and project expenditures         (39,476,145)         (18,737,467)         20,738,678         (9,498,294)           Reserve funding         (1,776,204)         (1,776,204)         -         -         -           Bond costs of issuance         -         (386,052)         (386,052)         -           Supplemental Pension Plan contribution         -         (129,125)         (129,125)         (229,000)           Contingency         (250,000)         -         250,000         -           Nonoperating expense uses         (41,825,765)         (21,352,262)         20,473,503         (12,638,145)           Nonoperating revenue sources over         40,293,247         85,723,313         45,430,066         17,267,012           Revenue sources over expenses uses         26,769,320         63,081,788         36,312,468         10,113,160           Adjustments to reconcile budgetary           Bond proceeds         (63,415,647)         -         (217,841)           Debt service payments         323,414         2,848,262           Interest expense, net of bond premium         (323,000)         -         6,043,953           Reserve funding         1,	Nonoperating revenue sources	82,119,012	107,075,575	24,956,563	29,905,157
Capital purchase and project expenditures         (39,476,145)         (18,737,467)         20,738,678         (9,498,294)           Reserve funding         (1,776,204)         (1,776,204)         -         -         -           Bond costs of issuance         -         (386,052)         (386,052)         -         -           Supplemental Pension Plan contribution         -         (129,125)         (129,125)         (229,000)           Contingency         (250,000)         -         250,000         -         -         250,000         -         -         -         10,2638,145)         -         -         -         -         250,000         -         -         -         -         -         -         -         250,000         -	Nonoperating expense uses				_
Reserve funding         (1,776,204)         (1,776,204)         -	Debt service	(323,416)	(323,414)	2	(2,910,851)
Bond costs of issuance         -         (386,052)         (386,052)         -           Supplemental Pension Plan contribution         -         (129,125)         (129,125)         (229,000)           Contingency         (250,000)         -         250,000         -         250,000         -           Nonoperating expense uses         (41,825,765)         (21,352,262)         20,473,503         (12,638,145)           Nonoperating revenue sources over expenses uses         40,293,247         85,723,313         45,430,066         17,267,012           Revenue sources over expenses uses         26,769,320         63,081,788         36,312,468         10,113,160           Adjustments to reconcile budgetary         (63,415,647)         -         -           Bond proceeds         (63,415,647)         -         -           Interfund loan receivable principal receipts         (287,437)         (217,841)           Debt service payments         323,414         2,848,262           Interest expense, net of bond premium         (323,000)         -           Capital outlay         18,737,467         6,043,953           Reserve funding         1,776,204         -           Depreciation         (2,637,689)         (2,348,462)           Other	Capital purchase and project expenditures	(39,476,145)	(18,737,467)	20,738,678	(9,498,294)
Supplemental Pension Plan contribution         -         (129,125)         (129,125)         (229,000)           Contingency         (250,000)         -         250,000         -           Nonoperating expense uses         (41,825,765)         (21,352,262)         20,473,503         (12,638,145)           Nonoperating revenue sources over expenses uses         40,293,247         85,723,313         45,430,066         17,267,012           Revenue sources over expenses uses         \$26,769,320         63,081,788         \$36,312,468         10,113,160           Adjustments to reconcile budgetary         Bond proceeds         (63,415,647)         -         -           Interfund loan receivable principal receipts         (287,437)         (217,841)           Debt service payments         323,414         2,848,262           Interest expense, net of bond premium         (323,000)         -           Capital outlay         18,737,467         6,043,953           Reserve funding         1,776,204         -           Depreciation         (2,637,689)         (2,348,462)           Other         129,125         (195,355)	Reserve funding	(1,776,204)	(1,776,204)	-	-
Contingency         (250,000)         -         250,000         -           Nonoperating expense uses         (41,825,765)         (21,352,262)         20,473,503         (12,638,145)           Nonoperating revenue sources over expenses uses         40,293,247         85,723,313         45,430,066         17,267,012           Revenue sources over expenses uses         \$ 26,769,320         63,081,788         \$ 36,312,468         10,113,160           Adjustments to reconcile budgetary         \$ (63,415,647)         \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Bond costs of issuance	-	(386,052)	(386,052)	-
Nonoperating expense uses         (41,825,765)         (21,352,262)         20,473,503         (12,638,145)           Nonoperating revenue sources over Revenue sources over expenses uses         40,293,247         85,723,313         45,430,066         17,267,012           Revenue sources over expenses uses         \$ 26,769,320         63,081,788         \$ 36,312,468         10,113,160           Adjustments to reconcile budgetary         Bond proceeds         (63,415,647)         -           Interfund loan receivable principal receipts         (287,437)         (217,841)           Debt service payments         323,414         2,848,262           Interest expense, net of bond premium         (323,000)         -           Capital outlay         18,737,467         6,043,953           Reserve funding         1,776,204         -           Depreciation         (2,637,689)         (2,348,462)           Other         129,125         (195,355)	Supplemental Pension Plan contribution	-	(129,125)	(129,125)	(229,000)
Nonoperating revenue sources over Revenue sources over expenses uses       40,293,247       85,723,313       45,430,066       17,267,012         Adjustments to reconcile budgetary       Bond proceeds         Bond proceeds       (63,415,647)       -         Interfund loan receivable principal receipts       (287,437)       (217,841)         Debt service payments       323,414       2,848,262         Interest expense, net of bond premium       (323,000)       -         Capital outlay       18,737,467       6,043,953         Reserve funding       1,776,204       -         Depreciation       (2,637,689)       (2,348,462)         Other       129,125       (195,355)	Contingency	(250,000)	-	250,000	-
Revenue sources over expenses uses         \$ 26,769,320         63,081,788         \$ 36,312,468         10,113,160           Adjustments to reconcile budgetary           Bond proceeds         (63,415,647)         -           Interfund loan receivable principal receipts         (287,437)         (217,841)           Debt service payments         323,414         2,848,262           Interest expense, net of bond premium         (323,000)         -           Capital outlay         18,737,467         6,043,953           Reserve funding         1,776,204         -           Depreciation         (2,637,689)         (2,348,462)           Other         129,125         (195,355)	Nonoperating expense uses	(41,825,765)	(21,352,262)	20,473,503	(12,638,145)
Adjustments to reconcile budgetary         Bond proceeds       (63,415,647)       -         Interfund loan receivable principal receipts       (287,437)       (217,841)         Debt service payments       323,414       2,848,262         Interest expense, net of bond premium       (323,000)       -         Capital outlay       18,737,467       6,043,953         Reserve funding       1,776,204       -         Depreciation       (2,637,689)       (2,348,462)         Other       129,125       (195,355)	Nonoperating revenue sources over	40,293,247	85,723,313	45,430,066	17,267,012
Bond proceeds       (63,415,647)       -         Interfund loan receivable principal receipts       (287,437)       (217,841)         Debt service payments       323,414       2,848,262         Interest expense, net of bond premium       (323,000)       -         Capital outlay       18,737,467       6,043,953         Reserve funding       1,776,204       -         Depreciation       (2,637,689)       (2,348,462)         Other       129,125       (195,355)	Revenue sources over expenses uses	\$ 26,769,320	63,081,788	\$ 36,312,468	10,113,160
Interfund loan receivable principal receipts       (287,437)       (217,841)         Debt service payments       323,414       2,848,262         Interest expense, net of bond premium       (323,000)       -         Capital outlay       18,737,467       6,043,953         Reserve funding       1,776,204       -         Depreciation       (2,637,689)       (2,348,462)         Other       129,125       (195,355)	Adjustments to reconcile budgetary		•		_
Debt service payments       323,414       2,848,262         Interest expense, net of bond premium       (323,000)       -         Capital outlay       18,737,467       6,043,953         Reserve funding       1,776,204       -         Depreciation       (2,637,689)       (2,348,462)         Other       129,125       (195,355)	Bond proceeds		(63,415,647)		-
Interest expense, net of bond premium       (323,000)       -         Capital outlay       18,737,467       6,043,953         Reserve funding       1,776,204       -         Depreciation       (2,637,689)       (2,348,462)         Other       129,125       (195,355)	Interfund loan receivable principal receipts		(287,437)		(217,841)
Capital outlay       18,737,467       6,043,953         Reserve funding       1,776,204       -         Depreciation       (2,637,689)       (2,348,462)         Other       129,125       (195,355)	Debt service payments		323,414		2,848,262
Reserve funding       1,776,204       -         Depreciation       (2,637,689)       (2,348,462)         Other       129,125       (195,355)	Interest expense, net of bond premium		(323,000)		-
Depreciation       (2,637,689)       (2,348,462)         Other       129,125       (195,355)	Capital outlay		18,737,467		6,043,953
Other 129,125 (195,355)	Reserve funding		1,776,204		-
	Depreciation		(2,637,689)		(2,348,462)
Changes in net position         \$ 17,384,225         \$ 16,243,717	Other		129,125		(195,355)
	Changes in net position		\$ 17,384,225	•	\$ 16,243,717

# **Southern Water Supply Project Enterprise Fund**

		Year end	ed	September :	30,	2021		
							Y	ear ended
								eptember
		Budget						30, 2020
	(u	inaudited)		Actual		Variance		Actual
Operating revenue sources								
Water assessments	\$	1,639,223	\$	1,759,742	\$	120,519	\$	1,839,740
Operating revenue sources		1,639,223		1,759,742		120,519		1,839,740
Operating expense uses		(1,539,223)		(1,701,293)		(162,070)		(1,250,910)
Operating revenue sources over expense								
uses		100,000		58,449		(41,551)		588,830
Nonoperating revenue sources								
Earnings on investments		-		284		284		11,020
Capital contributions		264,000		-		(264,000)		9,853,917
Nonoperating revenue sources		264,000		284		(263,716)		9,864,937
Nonoperating expense uses								
Capital expenditures		(2,274,000)		(1,568,272)		705,728		(18,205,896)
Retainage		-				-		340,945
Contingency		(100,000)		-		100,000		-
Nonoperating expense uses		(2,374,000)		(1,568,272)		805,728		(17,864,951)
Nonoperating revenue sources under								
expense uses		(2,110,000)		(1,567,988)		542,012		(8,000,014)
Revenue sources under expenses uses	\$	(2,010,000)	:	(1,509,539)	\$	500,461		(7,411,184)
Adjustments to reconcile budgetary basis to	GAA	AP basis						
Unearned revenue recognized as capital conti				2,317,731				7,737,402
Participant funding held as accrued liabilities f	or							
construction contingencies				-				(487,501)
Retainage				-				(340,969)
Capital expenditures				1,568,272				18,205,896
Depreciation				(2,893,466)		<u>-</u>		(2,175,496)
Changes in net position			\$	(517,002)		=	\$	15,528,148

# **Pleasant Valley Pipeline Project Enterprise Fund**

		Year end	ed	September 3	30, 2	021		
		Budget naudited)		Actual		/ariance	Se 3	ar ended ptember 0, 2020 Actual
Operating revenue sources								
Water assessments	\$	103,279	\$	159,199	\$	55,920	\$	76,205
Operating revenue sources		103,279		159,199		55,920		76,205
Operating expense uses		(103,279)		(67,329)		35,950		(87,933)
Operating revenue sources over (under)								
expense uses		-		91,870		91,870		(11,728)
Nonoperating revenue sources								
Earnings on investments		-		16		16		588
Nonoperating revenue sources		-		16		16		588
Nonoperating expense uses								
Capital purchase and project expenditures		-		-		-		(48,361)
Loss on asset disposal		-		_		-		(10,000)
Nonoperating expense uses		-		_		-		(58,361)
Nonoperating revenue sources over								
(under) expense uses		-		16		16		(57,773)
Revenue sources over (under) expense	\$	-		91,886	\$	91,886	=	(69,501)
Adjustments to reconcile budgetary basis to	GAAI	P basis						
Depreciation				(744,114)				(742,905)
Capital projects				-				48,361
Changes in net position		-	\$	(652,228)			\$	(764,045)

# **Northern Integrated Supply Project Enterprise Fund**

Non-GAAP Budgetary Basis

	Year end	2021	_				
	Budget						ear ended September 30, 2020
	(unaudited)		Actual		Variance		Actual
Nonoperating revenue sources							
Capital contributions	\$ 14,600,000	\$	14,600,000	\$	-	\$	30,000,000
Earnings on investments	-		14,091		14,091		136,162
Other nonoperating revenues	-		94,073		94,073		12,464
Nonoperating revenue sources	14,600,000		14,708,164		108,164		30,148,626
Nonoperating expense uses							_
Capital purchase and project expenditures	(33,000,000)		(18,683,456)		14,316,544		(10,236,104)
Nonoperating expense uses	(33,000,000)		(18,683,456)		14,316,544		(10,236,104)
Nonoperating revenue sources over (under)							_
expense uses	\$ (18,400,000)	=	(3,975,292)	\$	14,424,708	=	19,912,522
Adjustments to reconcile budgetary basis to	GAAP basis						
Capital outlay			18,683,456				10,236,104
Changes in net position		\$	14,708,164			\$	30,148,626

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# **Northern Water Hydropower Enterprise Fund**

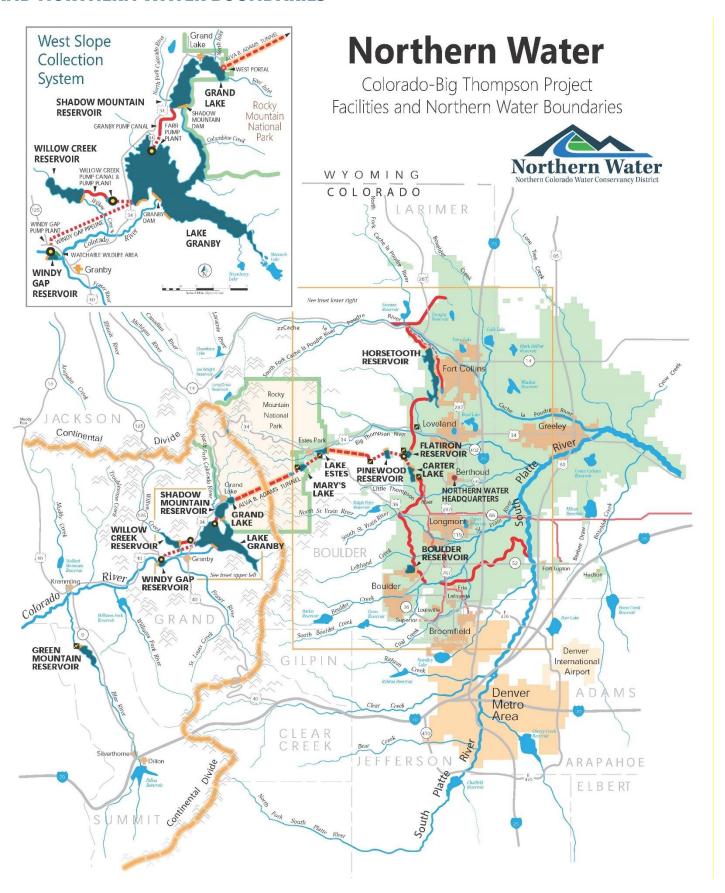
		Year end	ed	September :	30,	2021		
	(u	Budget naudited)		Actual	S	ear ended eptember 80, 2020 Actual		
Operating revenue sources								_
Energy revenue	\$	1,368,000	\$	1,349,216	\$	(18,784)	\$	1,301,644
Operating expense uses		(388,195)		(416,768)		(28,573)		(394,393)
Operating revenue sources over								
expense uses		979,805		932,448		(47,357)		907,251
Nonoperating revenue sources								
Earnings on investments		22,900		1,465		(21,435)		19,626
Intergovernmental grants		-		145,403		145,403		104,678
Nonoperating revenue sources		22,900		146,868		123,968		124,304
Nonoperating expense uses								
Debt service								
Principal		(446,723)		(455,658)		(8,935)		(446,721)
Interest		(192,314)		(180,440)		11,874		(192,314)
Capital purchase and project expenditures		(32,000)		-		32,000		-
Contingency		(50,000)		-		50,000		
Nonoperating expense uses		(721,037)		(636,098)		84,939		(639,035)
Nonoperating revenue sources under								
expense uses		(698,137)		(489,230)		208,907		(514,731)
Revenue sources over expense uses	\$	281,668	:	443,218	\$	161,550		392,520
Adjustments to reconcile budgetary basis to	GAA	AP basis						
Debt principal payments				455,658				446,721
Depreciation				(288,604)				(287,227)
Changes in net position			\$	610,272	ı.	-	\$	552,014

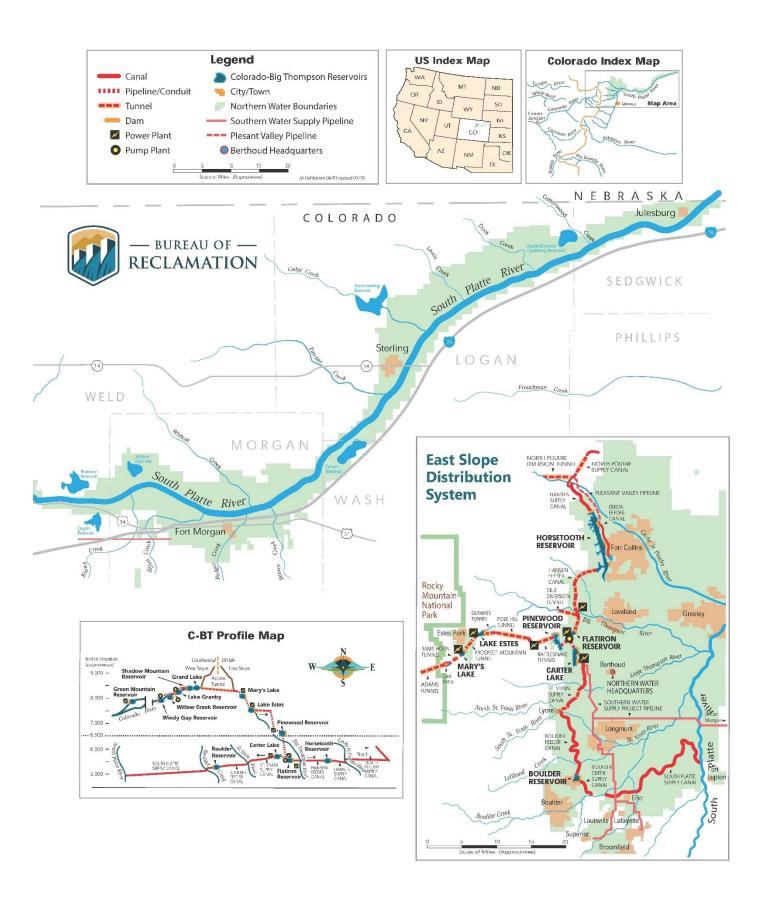


# **STATISTICAL**

This section presents detailed information as a context for understanding information in the financial statements, note disclosures, required supplementary information and supplementary information. Unless otherwise noted, the statistical information is derived from the CAFRs and underlying accounting, allotment and operational information of Northern Water.

# NORTHERN WATER FACILITIES, COLORADO-BIG THOMPSON PROJECT FACILITIES AND NORTHERN WATER BOUNDARIES









# **FINANCIAL TRENDS**

These schedules contain trend information to help the reader understand how Northern Water's financial performance has changed over time.

### Statement of Changes in Net Position<sup>(1)</sup> (2012 - 2021)

	2021	2020	2019	2018	2017
Revenues					
Operating revenues					
Assessments	\$ 13,978,731	\$ 13,496,094	\$ 12,512,455	\$ 12,239,150	\$ 11,496,339
Charges for services	7,276,338	7,961,981	6,593,167	6,307,644	5,783,834
Energy revenue	1,349,216	1,301,643	1,115,254	1,112,541	1,110,090
Other operating revenues	4,320,428	2,509,470	1,923,491	2,374,919	1,916,281
Operating revenues	26,924,713	25,269,188	22,144,367	22,034,254	20,306,544
Nonoperating revenues					
Property and specific ownership taxes	26,963,388	27,187,290	23,043,100	21,282,930	18,807,149
Earnings on investments	449,032	2,173,881	2,257,120	390,058	314,956
Intergovernmental grants	12,462,356	104,678	129,279	253,333	83,449
Other nonoperating revenues, net	3,644,883	356,265	2,153,900	1,941,115	390,855
Use of facilities <sup>(2)</sup>	-	-	-	782,263	-
Nonoperating revenues	43,519,659	29,822,114	27,583,399	24,649,699	19,596,409
Revenues	70,444,372	55,091,302	49,727,766	46,683,953	39,902,953
Expenses					
Operating expenses					
Operations	17,421,047	13,955,318	12,324,327	14,117,940	13,223,118
Administration	6,297,145	4,645,341	12,417,554	6,755,097	6,806,674
Engineering	13,415,600	3,946,941	3,713,533	7,695,271	7,102,192
Environmental Services <sup>(3)</sup>	11,349,679	12,286,840	3,656,229	-	-
Depreciation	6,563,873	5,554,090	4,767,424	4,563,619	4,384,339
Operating expenses	55,047,344	40,388,530	36,879,067	33,131,927	31,516,323
Nonoperating expenses					
Interest expense	503,440	237,870	411,575	476,068	530,614
Bond issuance costs	386,052	-	-	-	-
Intergovernmental subgrantee payments	-	-	-	118,398	113,800
Participant gain on use of facilities (2)	-	-	-	782,263	-
Refund of contributed capital	-	-	-	371,803	-
Nonoperating expenses	889,492	237,870	411,575	1,748,532	644,414
Expenses	55,936,836	40,626,400	37,290,642	34,880,459	32,160,737
Income before contributions	14,507,536	14,464,902	12,437,124	11,803,494	7,742,216
Capital contributions	17,025,895	47,243,558	39,470,161	12,552,674	6,528,346
Changes in net position	31,533,431	61,708,460	51,907,285	24,356,168	14,270,562
Net position, beginning of year	390,229,798	328,521,338	276,614,053	252,257,885	237,987,323
Net position, end of year	\$ 421,763,229	\$ 390,229,798	\$ 328,521,338	\$ 276,614,053	\$ 252,257,885

<sup>(1)</sup> Balances reflect all Northern Water's enterprise funds combined.

<sup>(2)</sup> Balance in 2018 is the result of SWSP Pipeline II facilities transactions.

<sup>(3)</sup> Established 2019. In previous years was included in Engineering

### Statement of Changes in Net Position<sup>(1)</sup> (2012 - 2021) (continued)

_	2016		2015	2014	2013	2012
Revenues						
Operating revenues						
Assessments	\$ 10,113,724	\$	8,110,867	\$ 7,875,949	\$ 7,343,449	\$ 6,739,612
Charges for services <sup>(2)</sup>	4,701,786	,	4,541,473	4,658,426	5,133,403	6,197,883
Energy revenue <sup>(3)</sup>	936,746	,	606,827	480,309	625,371	484,632
Other operating revenues	1,644,774		2,592,305	1,836,432	10,622,677	1,273,387
Operating revenues	17,397,030	)	15,851,472	14,851,116	23,724,900	14,695,514
Nonoperating revenues						
Property and specific ownership taxes	19,027,007	,	15,997,115	15,569,049	15,217,883	14,614,826
Earnings on investments	344,096	,	313,207	208,444	196,413	91,339
Intergovernmental grants	536,777	,	1,397,620	1,962,262	-	-
Other nonoperating revenues, net	262,128	}	487,930	1,028,181	235,503	285,265
Gain on disposition of assets <sup>(4)</sup>			-	-	906,507	35,879
Nonoperating revenues	20,170,008	1	18,195,872	18,767,936	16,556,306	15,027,309
Revenues	37,567,038	1	34,047,344	33,619,052	40,281,206	29,722,823
Expenses						
Operating expenses						
Operations	12,736,200	)	12,787,288	13,358,066	13,533,921	12,054,637
Administration	6,289,010	)	4,934,313	6,238,623	5,485,132	9,216,199
Engineering	5,435,991		5,497,912	5,090,341	4,645,297	4,970,541
Depreciation	4,169,073	,	4,102,074	4,149,642	3,841,086	3,997,207
Operating expenses	28,630,274		27,321,587	28,836,672	27,505,436	30,238,584
Nonoperating expenses						
Interest expense	475,720	)	522,045	566,912	783,119	980,401
Intergovernmental subgrantee payments	454,589	)	1,191,100	1,259,635	-	-
Participant gain on use of facilities <sup>(5)</sup>	-		-	-	702,165	-
Refund of contributed capital	59,672		-	-	204,342	
Nonoperating expenses	989,981		1,713,145	1,826,547	1,689,626	980,401
Expenses	29,620,255	)	29,034,732	30,663,219	29,195,062	31,218,985
Income (loss) before contributions	7,946,783		5,012,612	2,955,833	11,086,144	(1,496,162)
Capital contributions	4,400,000	)	3,542,024	1,890,000	1,799,304	1,003,100
Changes in net position	12,346,783		8,554,636	4,845,833	12,885,448	(493,062)
Net position, beginning of year	225,640,540	)	217,085,904	215,054,729	202,378,483	202,871,545
Restatement <sup>(6)</sup>	-		-	(2,814,658)	(209,202)	
Net position, end of year	\$ 237,987,323	\$	225,640,540	\$ 217,085,904	\$ 215,054,729	\$ 202,378,483

<sup>(1)</sup> Balances reflect all Northern Water's enterprise funds combined.

<sup>&</sup>lt;sup>(2)</sup> Certain 2013 charges for services reclassified to other operating revenues for consistency with prior years.

<sup>(3)</sup> The Trout and Granby hydropower plants became operational in 2012 and 2016, respectively.

<sup>(4)</sup> Included in other nonoperating revenues from 2014 forward.

<sup>(5)</sup> Balance in 2014 is the result of SWSP Pipeline II right-of-way transactions.

<sup>(6)</sup> Balances reflect restatements due to implementation of GASB 67, 68 and 71 relating to pension plans and GASB 65 relating to debt issue costs in 2014 and 2013.

# Statement of Net Position by Component<sup>(1)</sup> (2012 - 2021)

	2021	2020	2019	2018	2017
Net Position					
Net investment in capital assets	\$ 285,218,526	\$ 265,628,101	\$ 233,624,113	\$ 193,162,975	\$ 182,061,936
Restricted net position					
Debt service	251,449	228,413	202,653	174,967	149,684
Major repairs	1,909,163	2,295,393	2,106,516	1,970,697	2,007,139
Capital projects	18,043,510	22,947,964	3,285,800	2,420,068	2,786,161
Unrestricted net position	116,340,581	99,129,927	89,302,256	78,885,346	65,252,965
Net position	\$ 421,763,229	\$ 390,229,798	\$ 328,521,338	\$ 276,614,053	\$ 252,257,885

<sup>(1)</sup> Balances reflect all Northern Water's enterprise funds combined.

### Statement of Net Position by Component<sup>(1)</sup> (2012 - 2021) (continued)

	2016	2015	2014 <sup>(2)</sup>	2013 <sup>(3)</sup>	2012
Net Position					
Net investment in capital assets	\$ 177,863,092	\$ 174,959,097	\$ 171,634,522	\$ 171,455,879	\$ 167,267,534
Restricted net position					
Debt service	126,010	125,505	125,363	425,806	-
Major repairs	1,993,343	1,989,621	1,989,049	1,988,522	1,987,672
Capital projects	1,959,697	1,381,990	840,935	1,326,539	949,872
Unrestricted net position	56,045,181	47,184,327	42,496,035	39,857,983	32,173,405
Net position	\$ 237,987,323	\$ 225,640,540	\$ 217,085,904	\$ 215,054,729	\$ 202,378,483

<sup>(1)</sup> Balances reflect all Northern Water's enterprise funds combined.

<sup>(2)</sup> Net position restated at September 30, 2014, for GASB Statement Nos. 67, 68 and 71 changes in accounting principles. In addition, components of net position reclassified for consistency with subsequent years.

<sup>(3)</sup> Net position at September 30, 2012, restated for GASB Statement No. 65 change in accounting principle.

#### **Schedule of C-BT Project Joint Operations and Maintenance Costs (Historical)**

#### **District Enterprise Fund**

	-			WAPA							Joint	Operation
			(	Colorado	Lower B	oulder	C	oal Ridge Ditch	Recla	mation Power	and Ma	aintenance
	Re	clamation <sup>(1)</sup>		River <sup>(2)</sup>	Ditch Con	npany <sup>(3)</sup>		Company <sup>(3)</sup>	Int	erference <sup>(4)</sup>	(	Costs
1985	\$	1,043,062	\$	-	\$	54,607	\$	50,969	\$	21,450	\$	1,170,088
1986		607,616		17,541		57,515		57,316		21,735		761,723
1987		379,750		17,476		58,879		56,172		14,142		526,419
1988		537,794		23,509		60,647		53,107		8,384		683,441
1989 <sup>(5)</sup>		592,768		17,632		62,748		45,000		9,795		727,943
1990		474,736		(11,536)		80,665		55,329		14,635		613,829
1991		360,290		(4,811)		34,303		60,579		14,321		464,682
1992		408,438		30,701		67,720		55,728		17,720		580,307
1993		458,527		72,509		77,370		65,058		21,566		695,030
1994		795,147		127,912		94,330		60,000		35,746		1,113,135
1995		876,034		13,193		75,160		61,384		41,781		1,067,552
1996		1,061,983		-		78,058		36,999		36,454		1,213,494
1997		822,471		121,323		93,142		62,655		43,492		1,143,083
1998		746,583		84,044		97,874		76,220		47,781		1,052,502
1999		999,856		96,154		120,554		118,947		45,002		1,380,513
2000		1,084,780		12,100		280,099		51,170		48,116		1,476,265
2001		1,381,264		62,100		150,772		115,872		58,078		1,768,086
2002		1,560,641		170,219		135,425		61,201		59,092		1,986,578
2003		1,258,913		69,421		148,829		75,598		66,804		1,619,565
2004		1,268,617		55,975		183,015		88,676		64,772		1,661,055
2005		1,933,792		59,283		176,078		69,467		54,307		2,292,927
2006		2,127,367		71,809		146,736		72,541		57,351		2,475,804
2007		1,417,394		133,184		203,812		73,607		88,077		1,916,074
2008		2,353,997		87,912		151,007		98,269		78,985		2,770,170
2009		4,150,250		151,287		161,432		74,253		81,857		4,619,079
2010		2,186,032		72,784		166,147		96,361		68,813		2,590,137
2011		2,562,308		25,862		184,213		70,148		68,225		2,910,756
2012		2,660,054		93,421		166,809		73,910		87,029		3,081,223
2013		1,809,712		26,472		155,247		92,945		77,686		2,162,062
2014		1,695,104		10,156		117,984		90,630		84,044		1,997,918
2015		1,347,374		3,394		181,260		67,673		161,075		1,760,776
2016		1,353,954		4,712		233,974		170,102		95,193		1,857,935
2017		1,646,323		364,136		121,646		117,090		94,492		2,343,687
2018		1,821,433		211,291		275,053		81,732		97,879		2,487,388
2019		1,890,330		21,500		201,879		15,515		104,054		2,233,278
2020		1,658,306		147,810		460,061		28,664		103,444		2,398,285
2021		1,667,717		40,188		273,608		109,209		108,717		2,576,064

<sup>(1)</sup> Beginning 1986, the responsibilities for daily operations and maintenance of the majority of multipurpose projects was transferred from Reclamation to Northern Water.

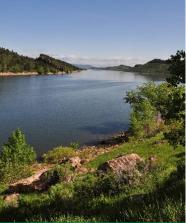
<sup>(2)</sup> Northern Water costs incurred on joint works relate to the C-BT Project power distribution system. Increase in 2017 due to charges relating to a fiber optic connection and vegetation management on transmission lines.

<sup>(3)</sup> Costs incurred under terms of agreements whereby Northern Water shares a portion of the ditch companies' costs in consideration for use of the ditch companies' conveyance systems.

<sup>(4)</sup> Charges from Reclamation for losses in C-BT Project power revenue resulting from changes in the distribution pattern of C-BT Project water. Power interference charges for 2015 adjusted to reflect identified corrections.

<sup>(5)</sup> The Board adopted a September 30 year end; accordingly, the expenses reflect nine months.





# **REVENUE CAPACITY**

These schedules on assessments, charges for services, energy revenue and property taxes contain information to help the reader assess Northern Water's primary revenue sources. Since Northern Water is a regional water organization, it does not present overlapping information on property tax rates.

# Water Assessments and Ownership by Water Allotment Contract Class and Rate (2012 - 2021)

### **District Enterprise Fund**

2021		2020		2019		2018		2017
\$ 5,335,633	\$	5,213,301	\$	5,064,728	\$	4,875,560	\$	4,689,355
2,556,864		2,453,720		2,356,342		2,259,151		2,163,133
599,633		583,326		567,019		532,861		524,355
534,239		516,872		496,287		478,708		464,719
14,101		13,718		13,334		12,832		22,998
713,749		711,851		714,012		691,788		660,774
2,305,571		2,087,361		2,084,736		2,056,639		1,817,185
\$ 12,059,790	\$	11,580,149	\$	11,296,458	\$	10,907,539	\$	10,342,519
153,223		153,176		152,729		152,429		151,517
56,980		57,057		57,063		56,754		56,490
67,806		67,119		66,532		66,006		65,894
31,991		32,648		33,676		34,811		36,099
310,000		310,000		310,000		310,000		310,000
94 216		94 824		95 299		96 289		97,401
•						•		212,599
L 13,107		213,170		211,701		215,711		L 1 L , 3 3 3
\$	\$ 5,335,633 2,556,864 599,633 534,239 14,101 713,749 2,305,571 \$ 12,059,790 153,223 56,980 67,806 31,991	\$ 5,335,633 \$ 2,556,864 599,633 534,239 14,101 713,749 2,305,571 \$ 12,059,790 \$  153,223 56,980 67,806 31,991 310,000	\$ 5,335,633 \$ 5,213,301 2,556,864 2,453,720 599,633 583,326 534,239 516,872 14,101 13,718 713,749 711,851 2,305,571 2,087,361 \$ 12,059,790 \$ 11,580,149 153,223 153,176 56,980 57,057 67,806 67,119 31,991 32,648 310,000 310,000	\$ 5,335,633 \$ 5,213,301 \$ 2,556,864 2,453,720 599,633 583,326 534,239 516,872 14,101 13,718 713,749 711,851 2,305,571 2,087,361 \$ 12,059,790 \$ 11,580,149 \$ 153,223 153,176 56,980 57,057 67,806 67,119 31,991 32,648 310,000 310,000 94,824	\$ 5,335,633 \$ 5,213,301 \$ 5,064,728   2,556,864	\$ 5,335,633 \$ 5,213,301 \$ 5,064,728 \$ 2,556,864 2,453,720 2,356,342 599,633 583,326 567,019 534,239 516,872 496,287 14,101 13,718 13,334 713,749 711,851 714,012 2,305,571 2,087,361 2,084,736 \$ 12,059,790 \$ 11,580,149 \$ 11,296,458 \$ \$ 155,729 56,980 57,057 57,063 67,806 67,119 66,532 31,991 32,648 33,676 310,000 310,000 310,000 \$ 94,216 94,824 95,299	\$ 5,335,633 \$ 5,213,301 \$ 5,064,728 \$ 4,875,560  2,556,864 2,453,720 2,356,342 2,259,151 599,633 583,326 567,019 532,861 534,239 516,872 496,287 478,708 14,101 13,718 13,334 12,832 713,749 711,851 714,012 691,788 2,305,571 2,087,361 2,084,736 2,056,639  \$ 12,059,790 \$ 11,580,149 \$ 11,296,458 \$ 10,907,539  153,223 153,176 152,729 152,429  56,980 57,057 57,063 56,754  67,806 67,119 66,532 66,006 31,991 32,648 33,676 34,811 310,000 310,000 310,000	\$ 5,335,633 \$ 5,213,301 \$ 5,064,728 \$ 4,875,560 \$  2,556,864

<sup>(1)</sup> Includes inactive units.

# Water Assessments and Ownership by Water Allotment Contract Class and Rate (2012 - 2021) (continued)

### **District Enterprise Fund**

	2016	2015	2014	2013	2012
Water Assessments					
Class B Municipal	\$ 4,371,754	\$ 3,529,939	\$ 3,181,025	\$ 2,950,799	\$ 2,805,799
Class C					
Domestic	1,795,448	1,442,564	1,308,281	1,222,250	1,165,155
Industrial	440,908	376,939	318,286	272,712	262,864
Irrigation	343,280	262,962	249,332	249,426	245,675
Multi-Purpose	17,053	14,487	19,797	18,693	18,028
Class D, irrigation	506,851	318,641	310,360	315,163	301,179
Carryover	1,545,158	1,224,416	1,528,117	1,209,928	968,104
Water assessments	\$ 9,020,452	\$ 7,169,948	\$ 6,915,198	\$ 6,238,971	\$ 5,766,804
Ownership by Water Allotment Contract Class (acre-foot units)					
Class B, municipal	151,063	150,161	149,879	149,568	148,891
Class C	131,003	130,101	1 13/01 3	. 13/300	1 10/03 1
Irrigation	56,615	56,417	60,122	60,505	60,660
Domestic/Industrial/					
Multi-purpose	64,587	63,878	58,999	57,414	56,871
Class D Irrigation <sup>(1)</sup>	37,735	39,544	41,000	42,513	43,578
Acre-foot units	310,000	310,000	310,000	310,000	310,000
Ownership by Water Allotment Contract Rate (acre-foot					
units)					
Fixed rate	98,263	99,311	99,862	100,406	101,286
Open rate	211,737	210,689	210,138	209,594	208,714
Acre-foot units	310,000	310,000	310,000	310,000	310,000

<sup>(1)</sup> Includes inactive units.

### **Largest Water Allotment Contract Holders by Acre-Foot Units (2012 and 2021)**

### **District Enterprise Fund**

	20	021	20	)12
	Acre-Foot		Acre-Foot	
Entity	Units	Percentage	Units	Percentage
North Poudre Irrigation Company	40,000	12.9%	40,000	12.9%
City of Greeley	22,804	7.4%	22,539	7.3%
City of Boulder	21,000	6.8%	21,264	6.9%
City of Fort Collins	18,855	6.1%	18,855	6.1%
City and County of Broomfield	13,698	4.4%	12,849	4.1%
Fort Collins-Loveland Water District	13,066	4.2%	11,129	3.6%
City of Longmont	12,713	4.1%	12,710	4.1%
City of Loveland	12,210	3.9%	12,048	3.9%
Little Thompson Water District	10,657	3.4%	9,766	3.2%
Xcel Energy (Public Service Company of Colorado)	10,007	3.3%	9,997	3.2%
Ten largest allottees by acre-foot units	175,010	56.5%	171,157	55.2%
Other allottees	134,990	43.5%	138,843	44.8%
Acre-foot units	310,000	100.0%	310,000	100.0%

### **Largest Water Allotment Contract Holders by Water Assessment (2012 and 2021)**

### **District Enterprise Fund**

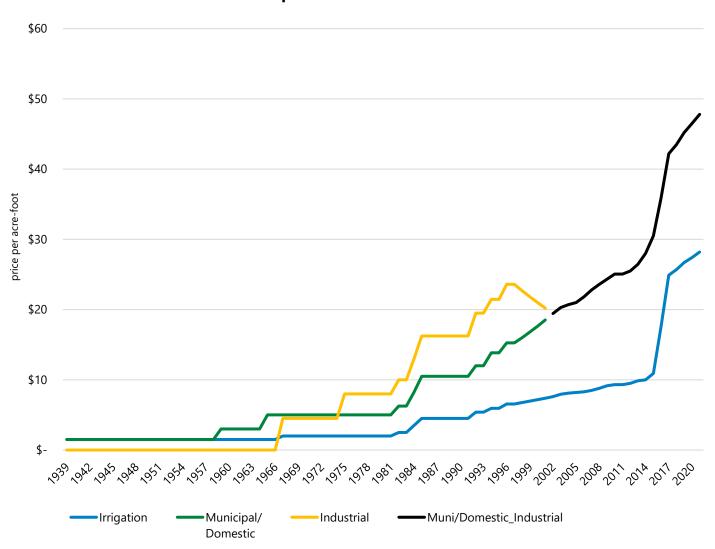
		2021			2012					
Entity	Rank	Assessment	Percentage	Rank	Assessment	Percentage				
City and County of Broomfield	1	\$ 672,572	6.9%	1	\$ 405,257	7.0%				
Fort Collins-Loveland Water District	2	624,555	6.4%	3	282,514	4.9%				
City of Fort Collins	3	622,265	6.4%	5	337,402	5.9%				
Little Thompson Water District	4	509,405	5.2%	8	256,918	4.5%				
Xcel Energy (Public Service Company										
of Colorado)	5	478,335	4.9%	4	300,767	5.2%				
City of Boulder	6	434,870	4.5%		-	-				
City of Greeley	7	393,128	4.0%	2	346,304	6.0%				
City of Longmont	8	380,065	3.9%	7	271,731	4.7%				
Left Hand Water District	9	352,047	3.6%		-	-				
City of Loveland	10	349,408	3.6%	6	279,361	4.8%				
Central Weld County Water District		-	-	9	235,819	4.1%				
Town of Erie		-	-	10	231,374	4.0%				
Water Assessments for ten largest	•			•						
allottees		4,816,650	49.4%		2,947,447	51.1%				
Other allottees		4,937,569	50.6%		2,819,357	48.9%				
C-BT Project water assessments,	-			•						
Classes B, C and D	-	\$ 9,754,219	100.0%	<u>.</u>	\$ 5,766,804	100.0%				

#### **Open-Rate Water Assessment Charges**(1) (Historical)

#### **District Enterprise Fund**

Years ended September 30 Unaudited

### **Open-Rate Assessments**



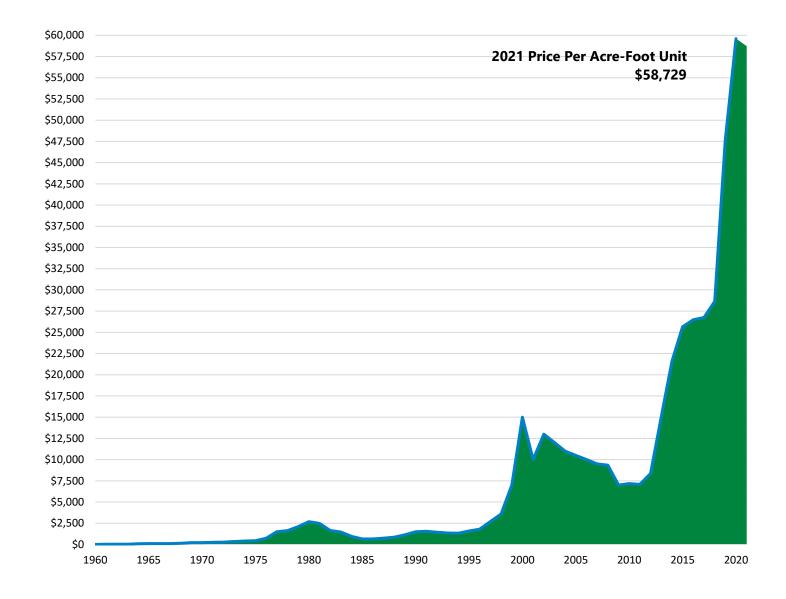
#### **2021 Open-Rate Water Assessments**

	<u>Per Acre-Foot Unit</u>
Irrigation	\$28.20
Municipal/Domestic/Industrial	\$47.80

<sup>(1)</sup> The District Enterprise Fund collects annual water assessments on each acre-foot unit. Assessments on fixed-rate contracts are \$1.50 per unit. When a fixed-rate unit contract is transferred, sold or altered, the contract is changed from the original fixed rate to an open-rate assessment. Open-rate assessments are determined annually by the Board. The assessments are not contingent on delivery of water and must be paid without regard to water deliveries.

#### **Market Prices Per Acre-Foot Unit<sup>(1)</sup> (Historical)**

#### **District Enterprise Fund**



<sup>(1)</sup> Northern Water allottees of C-BT Project water may transfer or sell their respective acre-foot units to other parties within Northern Water boundaries. These transactions are subject to rules and regulations of the Board. The above table represents data gathered by voluntary action and serves as an indicator of how the price of C-BT Project acre-foot units has fluctuated on the open market through the years. Actual transaction prices may vary.

### **Charges for Services and Energy Revenue (2012 - 2021)**

# **District and Northern Water Hydropower Enterprise Funds**

	 2021	2020	2019	2018	2017
<b>CHARGES FOR SERVICES</b>					
District Enterprise Fund					
Reclamation	\$ 2,396,404	\$ 3,313,886	\$ 2,721,725	\$ 2,736,656	\$ 2,796,752
Labor, overhead and supplies	4,879,934	4,648,095	3,871,442	3,570,988	2,987,082
Charges for services	\$ 7,276,338	\$ 7,961,981	\$ 6,593,167	\$ 6,307,644	\$ 5,783,834
<b>ENERGY REVENUE AND OUTPUT</b>					
Hydropower					
Trout	\$ 1,004,471	\$ 921,473	\$ 785,813	\$ 760,873	\$ 798,799
Granby	344,745	380,171	329,441	351,668	311,291
Hydropower	\$ 1,349,216	\$ 1,301,644	\$ 1,115,254	\$ 1,112,541	\$ 1,110,090
Hydropower(KWh)					
Trout	9,291,000	8,782,453	8,027,000	8,213,000	9,039,000
Granby	4,655,000	 5,157,266	 4,698,130	5,338,000	 4,921,000
Hydropower	13,946,000	13,939,719	12,725,130	13,551,000	13,960,000

#### Charges for Services and Energy Revenue (2012 - 2021) (continued)

### **District and Northern Water Hydropower Enterprise Funds**

	2016	2015	2014	2013	2012
<b>CHARGES FOR SERVICES</b>					
District Enterprise Fund <sup>(1)</sup>					
Reclamation	\$ 2,162,973	\$ 2,243,156	\$ 2,645,274	\$ 2,666,441	\$ 2,803,614
Labor, overhead and supplies	2,538,813	2,298,317	2,013,152	2,466,962	2,962,499
Charges for services	\$ 4,701,786	\$ 4,541,473	\$ 4,658,426	\$ 5,133,403	\$ 5,766,113
<b>ENERGY REVENUE AND OUTPUT</b>					
Hydropower <sup>(2)</sup>					
Trout	\$ 750,251	\$ 606,827	\$ 480,309	\$ 625,371	\$ 484,632
Granby	186,492	-	-	-	-
Hydropower	\$ 936,743	\$ 606,827	\$ 480,309	\$ 625,371	\$ 484,632
Hydropower(KWh) <sup>(2)</sup>					
Trout	8,078,000	6,585,000	5,425,000	7,303,000	3,671,000
Granby	2,954,000	-	-	-	-
Hydropower	11,032,000	6,585,000	5,425,000	7,303,000	3,671,000

<sup>(1)</sup> Charges for services above do not reflect charges for services as shown on the Statement of Changes in Net Position for 2011 and 2012 because prior to 2013 the amounts included a Northern Water Interdistrict Fund.

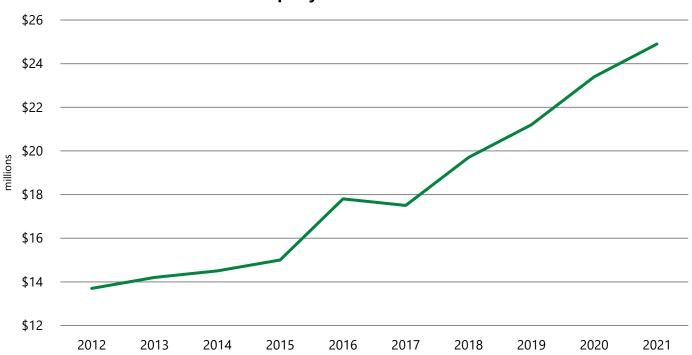
<sup>(2)</sup> The Trout and Granby hydropower plants became operational in 2012 and 2016, respectively.

### **Property Tax Levies and Collections (2012 - 2021)**

### **District Enterprise Fund**

Years ended September 30 Unaudited

# **Property Tax Collections**



## **Collections within the Fiscal**

			Ye	ear	_		Collection	s to Date
					C	Collections in		_
	T	ax Levy for		Percentage of		Subsequent		Percentage of
Year	r Fiscal Year		Amount	Levy		Years <sup>(1)</sup>	Amount	Levy
2012	\$	13,768,657	\$ 13,675,941	99.3%	\$	18,387	\$ 13,694,328	99.5%
2013		14,313,566	14,217,057	99.3%		14,671	14,231,728	99.4%
2014		14,554,204	14,508,847	99.7%		18,643	14,527,490	99.8%
2015		15,066,441	15,004,109	99.6%		35,695	15,039,804	99.8%
2016		17,949,405	17,844,139	99.4%		10,536	17,854,675	99.5%
2017		17,645,466	17,521,665	99.3%		12,735	17,534,400	99.4%
2018		19,872,029	19,735,132	99.3%		44,785	19,779,917	99.5%
2019		21,571,402	21,231,116	98.4%		212,293	21,443,409	99.4%
2020		25,729,732	23,438,428	91.1%		9,404	23,447,832	91.1%
2021		25,322,157	24,892,211	98.3%		584,433	25,476,644	100.6%

<sup>(1)</sup> Collections in subsequent years represent reported delinquent payments during the year and have not been identified with specific assessment years. Subsequent collections do not include delinquent tax interest or refunds.

#### **Assessed and Estimated Actual Value of Taxable Properties (2012 - 2021)**

#### **District Enterprise Fund**

Years ended September 30, 2021 Unaudited (thousands)

	2021	2020	2019	2018	2017
Assessed Value					
Residential	\$ 11,617,806	\$ 11,712,174	\$ 9,780,474	\$ 9,075,556	\$ 7,866,349
Commercial	6,943,335	7,176,022	6,007,635	5,520,450	4,790,744
Industrial	1,349,671	1,268,476	1,097,984	1,134,693	1,009,321
Agricultural	126,611	131,222	138,057	147,053	125,283
Oil/Gas Natural Resources	4,150,302	4,289,146	3,337,096	2,615,159	2,560,357
Other	1,134,432	1,152,692	1,210,156	1,379,118	1,293,412
Assessed value of properties <sup>(1)</sup>	\$ 25,322,157	\$ 25,729,732	\$ 21,571,402	\$ 19,872,029	\$ 17,645,466
Estimated actual taxable value <sup>(2)</sup>	\$ 207,146,522	\$ 195,474,271	\$ 163,528,648	\$ 151,243,740	\$ 132,544,573
	12.2%	13.2%	13.2%	13.1%	13.3%

Sources: Abstract of Assessment and Summary of Levies from various County Assessor's offices and County ACFRs.

<sup>(1)</sup> The counties assess residential property at approximately 7.96 percent of actual value and all other properties at 29 percent. Estimated actual taxable value was calculated by dividing assessed value by those percentages. Tax exempt properties are included in each property classification. Apparent differences between these amounts and those shown on Largest Corporate Taxpayers by Assessed Valuation on page 100 are due to averaging in the above assessed valuation calculations.

<sup>(2)</sup> Tax rate at a maximum of 1 millage.

#### Assessed and Estimated Actual Value of Taxable Properties (2012 - 2021) (continued)

#### **District Enterprise Fund**

Years ended September 30 Unaudited (thousands)

	2016	2015	2014	2013	2012
Assessed Value					
Residential	\$ 7,693,115	\$ 6,281,199	\$ 6,099,667	\$ 6,074,677	\$ 5,909,508
Commercial	4,776,337	4,156,831	4,099,919	3,980,603	3,952,981
Industrial	911,830	827,148	778,650	774,364	771,045
Agricultural	105,901	91,905	101,879	93,038	100,511
Oil/Gas Natural Resources	3,182,430	2,565,815	2,193,319	2,062,585	1,699,052
Other	1,279,792	1,143,542	1,280,770	1,328,299	1,335,560
Assessed value of properties <sup>(1)</sup>	\$ 17,949,405	\$ 15,066,440	\$ 14,554,204	\$ 14,313,566	\$ 13,768,657
Estimated actual taxable value <sup>(2)</sup>	\$ 132,013,690	\$ 109,203,469	\$ 105,782,558	\$ 104,724,999	\$ 101,069,535
	13.6%	 13.8%	 13.8%	 13.7%	 13.6%

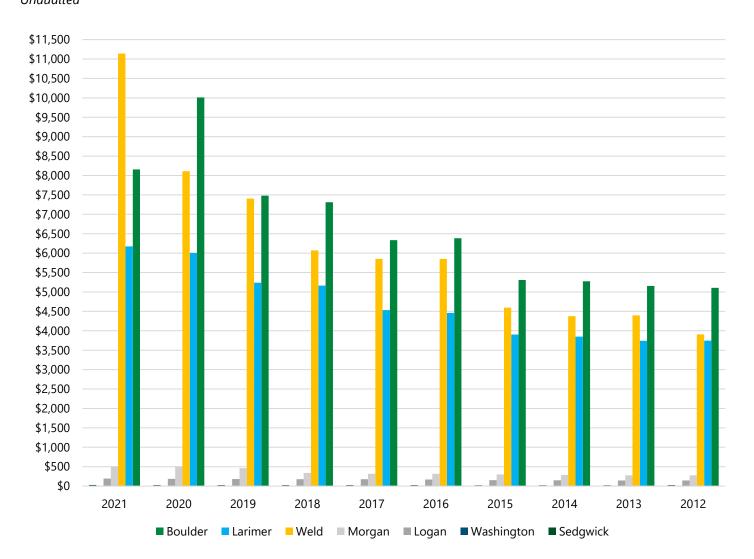
Sources: Abstract of Assessment and Summary of Levies from various County Assessor's offices and County ACFRs.

<sup>(1)</sup> The counties assess residential property at approximately 7.96 percent of actual value and all other properties at 29 percent. Estimated actual taxable value was calculated by dividing assessed value by those percentages. Tax exempt properties are included in each property classification. Apparent differences between these amounts and those shown on Largest Corporate Taxpayers by Assessed Valuation on page 100 are due to averaging in the above assessed valuation calculations.

<sup>(2)</sup> Tax rate at a maximum of 1 millage.

### **Property Tax Collections by County (2012 - 2021)**

### **District Enterprise Fund**



# **Largest Corporate Taxpayers by Taxable Assessed Valuation (2012 and 2021)**

#### **District Enterprise Fund**

Years ended September 30 Unaudited (thousands)

		2	<b>2021</b> <sup>(1)</sup>			20	)12 <sup>(2)</sup>		
		Taxab	le			Ta	xable		
		Assess	ed			Ass	essed		
Тахрауег	Rank	Valuat	ion	Percent	Rank	Val	uation	Percent	
PDC Energy, Inc.	1	\$ 945,29	99,790	3.7%	5	\$ 17	0,408,730	1.2%	
Kerr-McGee Oil & Gas Onshore LP	2	535,24	12,310	2.1%	2	76	9,162,260	5.6%	
Extraction Oil & Gas	3	383,20	03,534	1.5%	-		-	-	
Xcel Energy (Public Service Company									
of Colorado)	4	298,22	27,278	1.2%	3	39	4,074,520	2.9%	
DCP Lucerne 2 Plant, LLC	5	227,41	17,870	0.9%	-		-	-	
Noble Energy	6	201,41	L6,770	0.8%	1	1,01	5,783,680	7.4%	
Kerr McGee Gathering LLC	7	179,55	58,630	0.7%	10	6	3,672,300	0.5%	
Crestone Peak Resources	8	178,50	03,560	0.7%	-		-	-	
Great Western Oil & Gas Co LLC	9	159,80	08,300	0.6%	-		-	-	
DCP Operating Company	10	121,61	17,980	0.5%	_		-	-	
Encana Oil & Gas (USA), Inc.	-	-		-	4	18	5,720,630	1.3%	
Quest Corp	-	-		-	6	7	9,056,800	0.6%	
Anheuser-Busch, Inc.	-	-		-	7	7	8,095,560	0.6%	
DCP Midstream LP	-	-		-	8	7	6,224,380	0.6%	
Colorado Interstate Gas Co	-			-	9	6	5,518,800	0.5%	
Taxable assessed value of ten									
largest taxpayers		3,230,2	96,022	12.7%		2,89	7,717,660	21.2%	
Taxable assessed value of other									
taxpayers		22,091,8	60,978	87.3%		10,87	0,939,340	78.8%	
Taxable assessed value of all									
taxpayers		\$25,322,1	57,000	100.0%		\$13,76	8,657,000	100.0%	

<sup>&</sup>lt;sup>(1)</sup> Data compiled from information provided by the counties of their largest taxpayers within Northern Water boundaries.

<sup>(2)</sup> Data from the Northern Water 2012 ACFR. Reflects the taxable assessed valuation for the entire counties, only a portion of which are within Northern Water boundaries.





# **DEBT CAPACITY**

This schedule presents information to help the reader assess the affordability of Northern Water's current level of outstanding debt.

### **Statistics of Outstanding Debt by Type**(1) (2012 - 2021)

#### **District and Northern Water Hydropower Enterprise Funds**

		2021	2020	2019	2018	2017
District Enterprise Fund						
Certificates of Participation, Series 2021	\$	52,050,000	\$ -	\$ -	\$ -	\$ -
Certificates of Participation, Series 2012		-	-	2,420,000	3,570,000	4,670,000
Unamortized premium		11,241,545	-	191,487	284,682	376,219
Certificates of Participation		63,291,545	-	2,611,487	3,854,682	5,046,219
Contracts Payable to Reclamation						
Horsetooth Safety of Dams		2,905,375	3,053,230	3,193,045	3,325,258	3,450,282
Pole Hill Canal		-	-	94,740	186,388	275,042
District Enterprise Fund		66,196,920	3,053,230	5,899,272	7,366,328	8,771,543
Northern Water Hydropower						
Colorado Water Resources and Power						
Development Authority		1,197,063	1,293,507	1,388,058	1,480,756	1,571,637
Colorado Water Conservation Board		4,476,446	4,613,462	4,747,792	4,879,488	5,008,601
Northern Water Hydropower		5,673,509	5,906,969	6,135,850	6,360,244	6,580,238
Total District Enterprise Fund and						_
Northern Water Hydropower debt	\$	71,870,429	\$ 8,960,199	\$ 12,035,122	\$ 13,726,572	\$ 15,351,781
District Enterprise Fund Outstanding De	bt					
Per capita <sup>(2)</sup>	\$	63.79	\$ 2.99	\$ 6.00	\$ 7.00	\$ 9.00
Percentage of personal income <sup>(3)</sup>		0.11%	-	0.01%	0.01%	0.02%
District Enterprise Fund Contacts						
Payable to Reclamation						
Per capita <sup>(4)</sup>	\$	2.79	\$ 2.99	\$ 3.00	\$ 4.00	\$ 4.00

<sup>(1)</sup> Percentage of estimated actual value of taxable properties calculated by dividing District Enterprise Fund debt payable to Reclamation by Estimated Actual Taxable Value as shown on page 97 not significant.

<sup>(2)</sup> Computed by dividing total District Enterprise Fund debt by estimated population in Northern Water boundaries as shown on page 105.

<sup>(3)</sup> Computed by dividing total District Enterprise Fund debt by total personal income as shown on page 105.

<sup>&</sup>lt;sup>4)</sup> Computed by dividing District Enterprise Fund debt payable to Reclamation by estimated population in Northern Water boundaries as shown on page 105.

### Statistics of Outstanding Debt by Type<sup>(1)</sup> (2012 - 2021) (continued)

#### **District and Northern Water Hydropower Enterprise Funds**

District Enterprise Fund						
Certificates of Participation, Series 2012	\$	5,740,000	\$ 6,780,000	\$ 7,790,000	\$ 8,770,000	\$ 13,380,000
Unamortized premium		466,126	554,433	641,169	753,450	86,074
Certificates of Participation		6,206,126	7,334,433	8,431,169	9,523,450	13,466,074
Contracts Payable to Reclamation						
Horsetooth Safety of Dams		3,568,509	3,680,307	3,786,026	3,885,997	3,980,532
Pole Hill Canal		360,802	443,762	524,014	601,646	676,744
District Enterprise Fund		10,135,437	11,458,502	12,741,209	14,011,093	18,123,350
Northern Water Hydropower						
Colorado Water Resources and Power						
Development Authority		1,660,736	1,748,088	1,833,727	1,917,687	2,000,000
Colorado Water Conservation Board		5,135,183	2,033,958	-	-	-
Hydropower		6,795,919	3,782,046	1,833,727	1,917,687	2,000,000
Outstanding debt	\$	16,931,356	\$ 15,240,548	\$ 14,574,936	\$ 15,928,780	\$ 20,123,350
District Enterprise Fund Outstanding De	ebt					
Per capita <sup>(2)</sup>	\$	11.00	\$ 13.00	\$ 15.00	\$ 16.00	\$ 21.00
Percentage of personal income <sup>(3)</sup>		0.02%	0.03%	0.04%	0.04%	0.06%
District Enterprise Fund Contacts						
Payable to Reclamation						
Per capita <sup>(4)</sup>	\$	4.00	\$ 5.00	\$ 5.00	\$ 5.00	\$ 5.00

<sup>(1)</sup> Percentage of estimated actual value of taxable properties calculated by dividing District Enterprise Fund debt payable to Reclamation by Estimated Actual Taxable Value as shown on page 97 not significant.

<sup>(2)</sup> Computed by dividing total District Enterprise Fund debt by estimated population in Northern Water boundaries as shown on page 105.

<sup>(3)</sup> Computed by dividing total District Enterprise Fund debt by total personal income as shown on page 105.

<sup>&</sup>lt;sup>4)</sup> Computed by dividing District Enterprise Fund debt payable to Reclamation by estimated population in Northern Water boundaries as shown on page 105.





# **DEMOGRAPHIC AND ECONOMIC INFORMATION**

These schedules offer demographic and economic indicators to help the reader understand the environment within which Northern Water's financial activities take place.

### Northern Water Population and Economic Statistics<sup>(1)</sup> (2012 - 2021)

	2021	2020	2019	2018	2017
Population in Northern Water					
Boundaries <sup>(2)</sup>	1,037,717	1,020,792	1,000,013	982,678	959,455
Per Capita Personal Income <sup>(3)</sup>					
Boulder County <sup>(4)</sup>	\$ 69,239	\$ 69,239	\$ 69,239	\$ 66,415	\$ 63,707
Larimer County <sup>(5)</sup>	55,884	55,884	54,207	51,748	52,059
Weld County	50,198	46,172	44,080	42,701	42,787
Personal Income (000s) <sup>(3)</sup>					
Boulder County <sup>(4)</sup>	\$ 23,932,182	\$ 23,932,182	\$ 23,932,182	\$ 20,528,122	\$ 19,232,516
Larimer County	19,944,943	19,944,943	19,000,529	17,800,070	17,623,585
Weld County	15,300,000	14,700,000	12,500,000	11,200,000	10,600,000
Unemployment Rate <sup>(3)</sup>					
Boulder County <sup>(4)</sup>	2.7%	2.7%	2.7%	2.6%	2.2%
Larimer County	6.3%	2.1%	2.7%	2.3%	2.8%
Weld County	7.2%	3.0%	2.7%	3.4%	3.8%

<sup>(1)</sup> Detailed information presented for Boulder, Larimer and Weld counties. The population in these counties represents more than 90 percent of the total estimated population within Northern Water's boundaries.

<sup>(2)</sup> Data calculated from ESRI Population Demographics that are developed from U.S. Census and other data sources.

<sup>(3)</sup> Data taken from the counties' most recent ACFR's unless otherwise noted.

<sup>(4)</sup> Data for 2020 and 2019 taken from Boulder County's 2018 ACFR. More current ACFRs for Boulder County were not available at the time this report was prepared.

<sup>(5)</sup> Estimate taken from Larimer County's 2019 ACFR. Per the ACFR, this was the most current data available.

### Northern Water Population and Economic Statistics<sup>(1)</sup> (2012 - 2021) (continued)

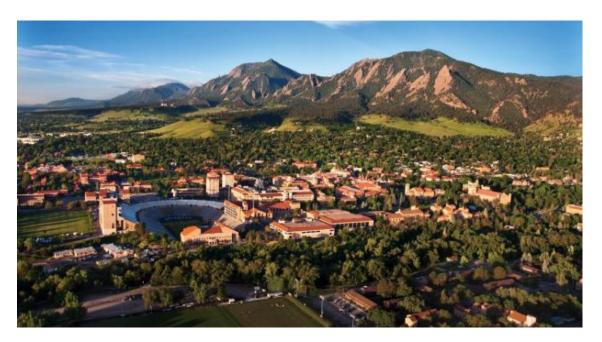
	2016	2015	2014	2013	2012
Population in Northern Water					
Boundaries <sup>(2)</sup>	922,233	893,145	878,100	859,913	858,565
Per Capita Personal Income <sup>(3)</sup>					
Boulder County	\$ 60,220	\$ 58,552	\$ 56,940	\$ 51,893	\$ 53,352
Larimer County	50,410	48,730	46,610	45,775	44,179
Weld County	27,047	31,657	29,986	25,233	27,186
Personal Income (000s) <sup>(3)</sup>					
Boulder County	\$ 18,369,741	\$ 17,042,764	\$ 16,417,561	\$ 15,535,659	\$ 15,758,416
Larimer County	16,778,464	15,772,585	14,722,188	14,214,099	13,475,788
Weld County	10,740,000	8,350,000	8,350,000	7,760,000	6,930,000
Unemployment Rate <sup>(3)</sup>					
Boulder County	2.9%	3.7%	4.4%	5.4%	6.1%
Larimer County	3.4%	4.3%	5.8%	6.6%	7.1%
Weld County	3.8%	3.9%	6.7%	8.7%	9.1%

<sup>(1)</sup> Detailed information presented for Boulder, Larimer and Weld counties. The population in these counties represents more than 90 percent of the total estimated population within Northern Water's boundaries.

<sup>&</sup>lt;sup>(2)</sup> Data calculated from ESRI Population Demographics that are developed from U.S. Census and other data sources.

<sup>(3)</sup> Data taken from the counties' most recent ACFR's unless otherwise noted.

Largest Employers by Principal Municipalities Served by Northern Water<sup>(1)</sup> (2012 and 2021)



City of Boulder<sup>(2)</sup>

		2021		2012			
		Number of	Percentage of		Number of	Percentage of	
Employers	Rank	<b>Employees</b>	<b>Employment</b>	Rank	<b>Employees</b>	<b>Employment</b>	
University of Colorado at Boulder	1	9,473	5.4%	1	6,876	4.2%	
Boulder Valley School District	2	4,500	2.5%	2	4,000	2.4%	
Boulder Community Hospital	3	2,380	1.3%	6	2,300	1.4%	
Boulder County	4	1,959	1.1%	10	1,848	1.1%	
Ball Corporation	5	1,600	0.9%	8	2,017	1.2%	
IBM Corporation	6	1,400	0.8%	3	3,400	2.1%	
City of Boulder	7	1,351	0.8%	-	-	-	
Google Boulder	8	1,350	0.8%	-	-	-	
National Center for Atmospheric							
Research	9	1,187	0.7%	-	-	-	
National Oceanic & Atmospheric							
Administration (NOAA)	10	867	0.5%	-	-	-	
Oracle Corporation	-	-	-	4	3,300	2.0%	
St. Vrain Valley School District <sup>(3)</sup>	-	-	-	5	3,238	2.0%	
Level 3 Communications	-	-	-	7	2,262	1.4%	
Covidien	-	-	-	9	1,860	1.1%	
Top ten principal employers	•	26,067	14.8%	·	31,101	20.7%	

<sup>(1)</sup> Data taken or calculated from the city's most recent ACFRs unless otherwise indicated.

<sup>(2)</sup> This list is the 10 largest employers in Boulder County. Employment information specific to the City of Boulder is not available for the years presented.

<sup>(3)</sup> The St. Vrain Valley School District spans 13 different communities including eastern Boulder. Also reported under the City of Longmont.

Largest Employers by Principal Municipalities Served by Northern Water<sup>(1)</sup> (2012 and 2021) (continued)



**City of Fort Collins** 

	2021			2012 <sup>(2)</sup>				
		Number of	Percentage of		Number of	Percentage of		
Employers	Rank	<b>Employees</b>	Employment	Rank	<b>Employees</b>	<b>Employment</b>		
Colorado State University	1	7,800	7.9%	1	6,573	6.7%		
UC Health Poudre Valley Hospital	2	5,600	5.6%	3	3,060	3.1%		
Poudre R-1 School District	3	4,000	4.0%	2	3,908	4.1%		
City of Fort Collins	4	2,030	2.0%	5	1,830	1.9%		
Larimer County	5	2,040	2.1%	4	1,901	2.0%		
Woodward, Inc.	6	1,300	1.3%	7	1,073	1.1%		
Broadcom (Avago)	7	1,260	1.3%	10	681	0.7%		
U.S. Department of Agriculture	8	1,120	1.1%	-	-	_		
Otter Products, LLC.	9	820	0.8%	-	-	_		
Dillon Companies, Inc. (King Soopers)	10	870	0.9%	-	-	_		
Center Partners	-	-	-	6	1,339	1.4%		
Hewlett Packard	-	-	-	8	925	1.0%		
Department of Agriculture	-	-	-	9	827	0.9%		
Top ten principal employers		26,840	27.1%	•	22,117	22.9%		

<sup>&</sup>lt;sup>(1)</sup> Data taken or calculated from the city's most recent ACFRs unless otherwise indicated.

<sup>(2)</sup> Data taken from the Northern Water 2012 ACFR.

Largest Employers by Principal Municipalities Served by Northern Water<sup>(1)</sup> (2012 and 2021) (continued)



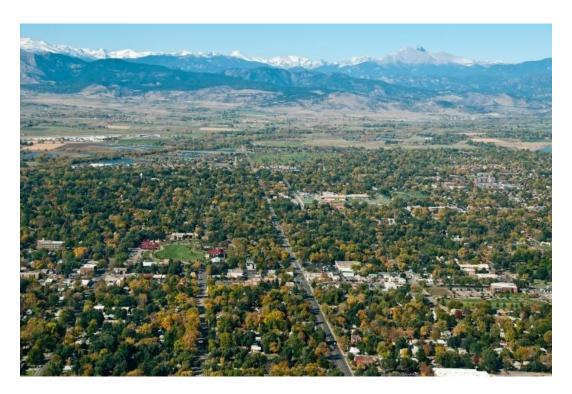
City and County of Broomfield (2)

	2021			2012		
		Number of	Percentage of		Number of	Percentage of
Employers	Rank	<b>Employees</b>	<b>Employment</b>	Rank	<b>Employees</b>	<b>Employment</b>
CenturyLink (formerly Level 3						
Communications)	1	1,850	4.8%	1	2,068	7.3%
Oracle America	2	1,620	4.2%	2	1,900	6.7%
SCL Health Care	3	1,530	4.0%	-	-	-
Hunter Douglas Window Fashions						
Division	4	980	2.5%	4	805	2.8%
City and County of Broomfield	5	795	2.1%	8	581	2.0%
Vail Resorts, Inc.	6	740	1.9%	10	430	1.5%
TSYS	7	580	1.5%	-	-	-
DanoneWave Foods (formerly						
Whitewave Foods)	8	570	1.5%	9	450	1.6%
Broadcom Inc.	9	500	1.3%	-	-	-
Vmware	10	465	1.2%	-	-	-
Urban Lending Solutions	-	-	-	3	1,000	3.5%
Staples/Corporate Express	-	-	-	5	700	2.5%
Ball Corporation	-	-	-	6	648	2.3%
Sandoz, Inc. (Geneva Pharmaceuticals	) -	-	-	7	600	2.1%
Top ten principal employers	•	9,630	25.0%	-	9,182	32.3%
Total employment	:	38,500		=		

<sup>(1)</sup> Data taken or calculated from the city's' most recent ACFRs unless otherwise indicated.

<sup>(2)</sup> Data provided for the entire City and County of Broomfield, only a portion of which is within Northern Water boundaries.

Largest Employers by Principal Municipalities Served by Northern Water<sup>(1)</sup> (2012 and 2021) (continued)



**City of Longmont** 

	2021			2012		
		Number of	Percentage of		Number of	Percentage of
Employers	Rank	<b>Employees</b>	<b>Employment</b>	Rank	<b>Employees</b>	<b>Employment</b>
St Vrain Valley School District <sup>(2)</sup>	1	3,543	6.5%	1	4,876	10.4%
City of Longmont	2	1,625	3.0%	4	814	1.7%
Seagate Technology	3	1,430	2.6%	3	1,160	2.5%
Intrado	4	755	1.4%	5	807	1.7%
Longmont United Hospital	5	671	1.2%	2	1,282	2.7%
UC Health Longs Peak Hospital	6	540	1.0%	-	-	-
McLane Western	7	460	0.8%	10	406	0.9%
Federal Aviation Administration	8	422	0.8%	8	566	1.2%
Circle Graphics, Inc.	9	400	0.7%	-	-	-
AveXis	10	354	0.6%	-	-	-
Amgen	-	-	-	6	678	1.4%
DigitalGlobe	-	-	-	7	650	1.4%
Crocs	-	-	-	9	435	0.9%
Top ten principal employers	•	10,200	18.6%	•	11,674	24.8%

<sup>(1)</sup> Data taken or calculated from the city's most recent ACFR unless otherwise indicated.

<sup>(2)</sup> The St. Vrain Valley School District spans 13 different communities including eastern Boulder. Also reported under the City of Boulder.

Largest Employers by Principal Municipalities Served by Northern Water<sup>(1)</sup> (2012 and 2021) (continued)



**City of Greeley** 

	2021			2012		
		Number of	Percentage of		Number of	Percentage of
Employers	Rank	<b>Employees</b>	<b>Employment</b>	Rank	<b>Employees</b>	<b>Employment</b>
JBS Swift & Company	1	4,341	8.4%	1	4,192	5.38%
Banner Health Care (formerly						
Northern Colorado Medical Center)	2	3,710	7.2%	2	2,889	3.71
Greeley/Evans School District Six	3	2,200	4.3%	3	2,189	2.81
University of Northern Colorado	4	1,717	3.3%	-	-	-
Weld County	5	1,615	3.1%	5	1,383	1.78
Greeley, City of	6	1,100	2.1%	7	1,130	1.45
University Of Colorado Health						
Systems (All Weld)	7	1,030	2.0%	-	-	-
State Farm Insurance Companies	8	948	1.8%	6	1,350	1.73
Aims Community College	9	797	1.5%	9	874	1.12
Colorado Premium Foods (K2D, LLC)	10	550	1.1%	-	-	
U.S. Government	-	-	-	4	1,400	1.80
Wal-Mart Supercenter	-	-	-	8	1,015	1.30
StarTek, Inc.	-	-	-	10	702	0.90
Top ten principal employers	•	18,008	34.8%	•	17,124	21.98%
Total employment	•	50,070		•	77,900	

<sup>&</sup>lt;sup>(1)</sup> Data taken or calculated from the city's most recent ACFR unless otherwise indicated.

Largest Employers by Principal Municipalities Served by Northern Water<sup>(1)</sup> (2012 and 2021) (continued)



**City of Loveland** 

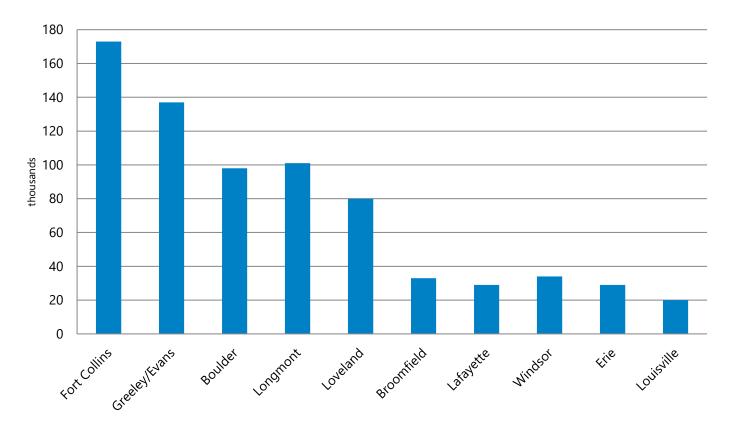
	2021			2012 <sup>(2)</sup>		
		Number of	Percentage of		Number of	Percentage of
Employers	Rank	<b>Employees</b>	<b>Employment</b>	Rank	<b>Employees</b>	<b>Employment</b>
Thompson School District R2-J	1	2,455	5.9%	1	2,087	8.3%
Medical Center of the Rockies	2	1,621	3.1%	-	-	-
Wal-Mart Distribution Center	3	1,226	2.4%	2	989	2.8%
City of Loveland	4	841	1.6%	4	688	2.0%
Hach Company	5	800	1.5%	-	-	-
McKee Medical Center	6	577	1.1%	3	851	3.0%
Nutrein/Crop Production Services	7	525	1.0%	5	350	1.0%
LPR Construction	8	500	1.0%	-	-	-
Good Samaritan Society - Loveland	9	235	0.5%	-	-	-
The Eye Laser Center of Northern						
Colorado	10	200	0.4%	-	-	-
Pinnacle Agriculture Holdings LLC	10	200	0.4%	-	-	-
Abound Solar Energy	-	-	-	6	350	1.0%
Kroll Factual Data	-	-	-	7	299	0.9%
Columbine Health Systems	-	-	-	8	285	0.8%
Agilent Technologies	-	-	-	9	280	1.2%
The Group	-	-	-	10	278	0.8%
Top ten principal employers		9,180	18.9%	•	6,457	21.7%
Total employment		50,902		:	35,220	

<sup>&</sup>lt;sup>(1)</sup> Data taken or calculated from the city's most recent ACFRs unless otherwise indicated.

<sup>(2)</sup> Numbers prior to 2016 reflect full employment. 2016 forward reflect full time equivalents (FTEs).

### Population of Ten Largest Municipalities in Northern Water Boundaries (2012 and 2021)

	202	21	2012 <sup>(3)</sup>		
Municipalities <sup>(1)</sup>	Population <sup>(2)</sup>	Percentage	Population	Percentage	
City of Fort Collins	173,035	16.7%	146,573	17.1%	
Cities of Greeley/Evans	136,737	13.2%	113,279	13.2%	
City of Boulder	98,095	9.5%	99,479	11.6%	
City of Longmont	100,839	9.7%	87,423	10.2%	
City of Loveland	80,322	7.7%	68,106	7.9%	
City and County of Broomfield	33,451	3.2%	57,305	6.7%	
Town of Windsor	34,010	3.3%	19,259	2.2%	
City of Lafayette	29,444	2.8%	25,584	3.0%	
Town of Erie	29,443	2.8%	18,947	2.2%	
City of Louisville	20,323	2.0%	18,598	2.2%	
Population of ten largest municipalities in				_	
Northern Water boundaries	735,699	70.9%	654,553	76.3%	
Other municipalities and unincorporated areas	302,018	29.1%	204,012	23.8%	
Estimated population within Northern					
Water boundaries	1,037,717	100.0%	858,565	100.0%	



<sup>(1)</sup> Population data represents the estimated portion of municipal population located within Northern Water boundaries and, therefore, may differ from population statistics reported in the municipalities' ACFRs.

<sup>(2)</sup> Data calculated from ESRI Population Demographics, which are developed from U.S. Census and other data sources.

<sup>(3)</sup> Data taken from the Northern Water 2012 ACFR.





# **OPERATING INFORMATION**

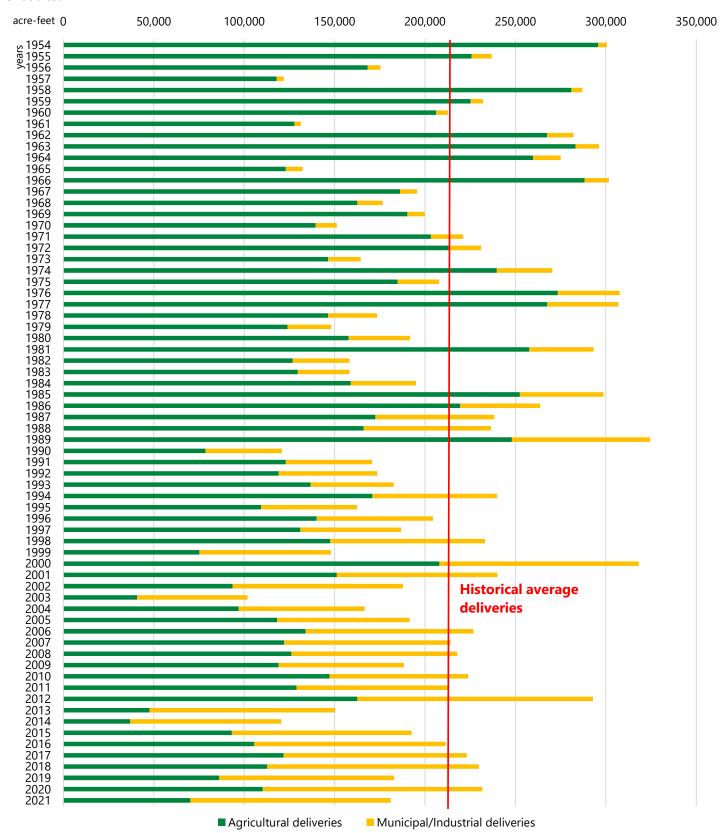
These schedules contain information about Northern Water's operations and resources to help the reader understand how Northern Water's financial information relates to the services it provides and the activities it performs.

### C-BT Project Water Deliveries<sup>(1)</sup> (Historical and 2012 - 2021)

#### **District Enterprise Fund**

Years ended September 30

Unaudited



(1) Includes C-BT Project quota, carryover, non-charge, operations and Regional Pool water

# C-BT Project Water Deliveries<sup>(1)</sup> (Historical and 2012 - 2021) (continued)

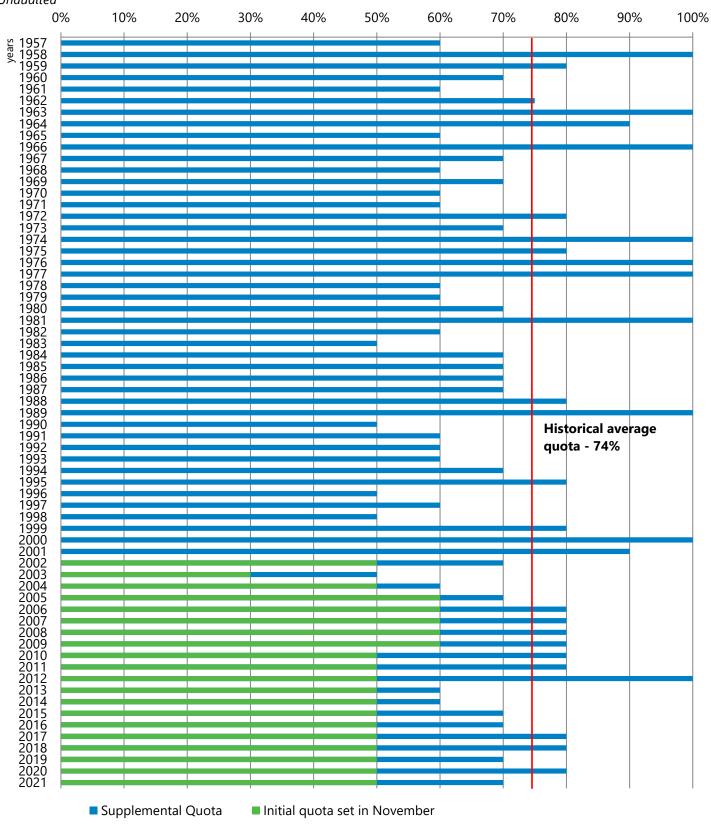
### **District Enterprise Fund**

	Agricu	ıltural	Municipal	Water	
Year	Deliveries	Percentage	Deliveries	Percentage	Deliveries
2012	162,554	55.5%	130,361	44.5%	292,915
2013	47,646	31.7%	102,708	68.3%	150,354
2014	36,991	30.7%	83,512	69.3%	120,503
2015	93,211	48.4%	99,345	51.6%	192,556
2016	105,576	49.9%	105,854	50.1%	211,430
2017	121,802	54.6%	101,307	45.4%	223,109
2018	112,785	49.1%	116,984	50.9%	229,769
2019	86,166	47.1%	96,739	52.9%	182,905
2020	110,225	47.6%	121,530	52.4%	231,755
2021	70,252	38.8%	110,833	61.2%	181,085
Historical average from 1954	160,308	75.6%	51,837	24.4%	212,107

<sup>&</sup>lt;sup>(1)</sup> Includes C-BT Project quota, carryover, non-charge, operations and Regional Pool water

### **C-BT Project Water Delivery Quotas**(1) (Historical)

### **District Enterprise Fund**



<sup>(1)</sup> In 2002, the Board began issuing an initial quota for the water year (November 1 to October 31).

# **Capital Assets by Northern Water Enterprise Fund (2012 - 2021)**

District Enterprise Fund	2021	2020	2019	2018	2017
Non-depreciable capital assets	¢ 07.010.200 ¢	07 262 560 - #	04 541 064	04252200 ¢	01 011 417
Land, easements and water rights	\$ 87,819,208 \$	87,363,568 \$	84,541,864 \$	84,252,380 \$	81,911,417
Construction in progress	19,282,569	2,094,548	1,917,520	522,555	2,701,458
Depreciable capital assets Buildings and improvements	22 200 526	22 271 621	22 020 720	10 700 400	10 420 004
Operations equipment	23,298,526	23,271,621	22,030,730	19,796,460	19,428,994
Computer and office equipment	7,995,508 10,449,797	6,784,510 10,264,276	6,343,738 9,358,085	5,476,107 9,698,287	5,472,775 10,055,588
Capital assets	148,845,608	129,778,523	124,191,937	119,745,789	119,570,232
Less accumulated depreciation	140,043,000	123,110,323	124,131,331	119,143,109	113,370,232
Buildings and improvements	(13,884,110)	(13,013,770)	(12,152,680)	(11,380,960)	(10,622,714)
Operations equipment	(5,369,881)	(4,958,262)	(4,689,138)	(4,529,724)	(5,030,052)
Computer and office equipment	(7,446,919)	(6,580,705)	(5,776,443)	(5,419,017)	(5,113,699)
Accumulated depreciation	(26,700,910)	(24,552,737)	(22,618,261)	(21,329,701)	(20,766,465)
District Enterprise Fund capital	(20,700,910)	(24,332,737)	(22,010,201)	(21,323,101)	(20,700,403)
assets, net	122,144,698	105,225,786	101,573,676	98,416,088	98,803,767
Southern Water Supply Project					
Non-depreciable capital assets					
Land, easements and water rights	5,232,983	5,232,983	5,232,983	5,232,983	5,232,983
Construction in progress	10,584,632	8,842,041	38,796,165	8,999,194	3,857,236
Depreciable capital assets					
Water pipeline and equipment	119,007,737	118,809,604	70,649,583	70,643,074	69,983,333
Capital assets	134,825,352	132,884,628	114,678,731	84,875,251	79,073,552
Less accumulated depreciation					
Water pipeline and equipment	(44,521,505)	(41,628,039)	(39,452,542)	(37,777,246)	(36,117,443)
Southern Water Supply Project					
capital assets, net	90,303,847	91,256,589	75,226,189	47,098,005	42,956,109
Pleasant Valley Pipeline Project					
Non-depreciable capital assets					
Land and easements	934,330	934,330	934,330	934,330	934,330
Depreciable capital assets	33 1,330	33 1,330	33 1,330	33 1,330	33 1,330
Water pipeline and equipment	29,764,565	29,764,565	29,732,205	29,732,205	29,732,205
Capital assets	30,698,895	30,698,895	30,666,535	30,666,535	30,666,535
Less accumulated depreciation	55/555/555	,,		//	
Water pipeline and equipment	(12,630,596)	(11,886,482)	(11,149,576)	(10,406,271)	(9,662,966)
Pleasant Valley Pipeline Project	(	(	, , , , , ,	( -	(-,,
capital assets, net	18,068,299	18,812,413	19,516,959	20,260,264	21,003,569
Northern Integrated Supply Project					
Non-depreciable capital assets					
Construction in progress	69,503,327	49,617,922	39,381,817	30,883,491	24,134,570
Northern Water Hydropower					
Non-depreciable capital asset					
Construction in progress	824	-	-	-	-
Depreciable capital assets					
Hydropower plants	11,502,848	11,502,848	11,502,848	11,489,074	11,489,074
Capital assets	11,503,672	11,502,848	11,502,848	11,489,074	11,489,074
Less accumulated depreciation					
Hydropower plants	(2,115,863)	(1,827,259)	(1,540,032)	(1,252,804)	(965,578)
Northern Water Hydropower					
capital assets, net	9,387,809	9,675,589	9,962,816	10,236,270	10,523,496
Capital assets, net	\$ 309,407,980 \$	274,588,299 \$	245,661,457 \$	206,894,118 \$	197,421,511

# **Capital Assets by Northern Water Enterprise Fund (2012 - 2021) (continued)**

District Enterprise Fund		2016	2015	2014	2013	2012
Non-depreciable capital assets						
Land, easements and water rights	\$	81,996,315 \$	81,997,293 \$	82,027,587 \$	81,829,055 \$	78,931,481
Construction in progress		2,668,200	2,031,625	283,363	54,526	3,140,242
Depreciable capital assets Buildings and improvements		19,340,433	18,654,537	18,594,598	18,732,858	18,732,858
Operations equipment		5,370,649	5,440,607	5,371,761	5,419,499	5,343,262
Computer and office equipment		9,382,832	8,555,986	8,172,229	8040845	3055626
Capital assets		118,758,429	116,680,048	114,449,538	114,076,783	109,203,469
Less accumulated depreciation				,	,	103/200/ 103
Buildings and improvements		(9,865,172)	(9,123,419)	(8,396,388)	(7,790,187)	(6,977,380)
Operations equipment		(5,033,544)	(5,094,729)	(5,079,024)	(5,071,837)	(5,001,649)
Computer and office equipment		(4,694,811)	(4,240,138)	(3,605,688)	(2,973,089)	(2,707,585)
Accumulated depreciation		(19,593,527)	(18,458,286)	(17,081,100)	(15,835,113)	(14,686,614)
District Enterprise Fund capital						
assets, net		99,164,902	98,221,762	97,368,438	98,241,670	94,516,855
Southern Water Supply Project						
Non-depreciable capital assets						
rights <sup>(1)</sup>		5,232,983	5,232,983	5,232,983	5,232,983	-
Construction in progress		2,189,374	1,750,024	1,607,625	1,113,518	850,649
Depreciable capital assets						
Water pipeline and equipment		69,983,357	70,003,210	69,526,213	69,499,494	74,732,477
Capital assets		77,405,714	76,986,217	76,366,821	75,845,995	75,583,126
Less accumulated depreciation						
Water pipeline and equipment		(34,461,533)	(32,824,079)	(31,164,625)	(29,519,078)	(27,871,845)
Southern Water Supply Project						
capital assets, net		42,944,181	44,162,138	45,202,196	46,326,917	47,711,281
Pleasant Valley Pipeline Project						
Non-depreciable capital assets						
Land and Easements		934,330	934,330	934,330	934,330	934,330
Depreciable capital assets						
Water pipeline and equipment		29,732,205	29,732,205	29,732,205	29,739,846	29,732,205
Capital assets		30,666,535	30,666,535	30,666,535	30,674,176	30,666,535
Less accumulated depreciation		(0.040.004)	(0.4=0.00)	(= .00 0= .)	(0.000.000)	
Water pipeline and equipment		(8,919,661)	(8,176,356)	(7,433,051)	(6,690,510)	(5,946,441)
Pleasant Valley Pipeline Project		21 746 074	22 400 170	22 222 404	22.002.000	24 720 004
capital assets, net		21,746,874	22,490,179	23,233,484	23,983,666	24,720,094
Northern Integrated Supply Project						
Non-depreciable capital asset						
Construction in progress		20,139,477	16,737,711	14,490,801	12,733,803	11,326,978
Hydropower <sup>(2)</sup>						
Non-depreciable capital asset						
Construction in progress		-	2,830,289	-	-	-
Depreciable capital assets						
Hydropower plants		11,489,074	6,278,945	6,278,945	6,278,945	6,219,195
Capital assets		11,489,074	9,109,234	6,278,945	6,278,945	6,219,195
Less accumulated depreciation						
Hydropower plants		(678,352)	(521,378)	(364,405)	(207,431)	(51,827)
Northern Water Hydropower						
capital		10 010 722	0.507.056	F 014 F40	C 071 F14	C 1C7 3C0
assets, net		10,810,722 194,806,156 \$	8,587,856 190,199,646 \$	5,914,540	6,071,514 187,357,570 \$	6,167,368
Capital assets, net	<b></b>	194,806,156 \$	190,199,646 \$	186,209,459 \$	101,331,370 \$	184,442,576

<sup>(1)</sup> Included with water pipeline and equipment prior to 2013.

<sup>(2)</sup> Trout and Granby hydropower plants became operational 2012 and 2015, respectively.

Year ended September 30, 2021 Unaudited

### **Northern Water**

The C-BT Project<sup>(1)</sup> consists of the following:

- 130 miles of water conveyance
- 12 storage reservoirs
- 6 hydroelectric power plants
- 700 miles of transmission lines

Water Conveyance	Capacity (cfs)	Length (miles)
Alva B. Adams Tunnel	550	13.1
East Slope Power Conduit System	550-1,300	18.5
Canals, West Slope – Willow Creek Feeder Canal	400	3.4
Canals, West Slope – Granby Pump Canal	1,100	1.8
Canals, East Slope – St. Vrain Supply	625	9.8
Canals, East Slope – Boulder Feeder	200	13.2
Canals, East Slope – Boulder Creek Supply	200	2.5
Canals, East Slope – South Platte Supply	230	32.2
Canals, East Slope – Charles Hansen Feeder	550	13.2
Canals, East Slope – Charles Hansen Supply	1,500	5.6
Canals, East Slope – North Poudre Supply	250	12.5
Canals, East Slope – Dixon Feeder	8	3.0

<b>Power Plants</b>	Capacity (kw)	Generators
Green Mountain	26,000	2
Mary's Lake	8,100	1
Estes	45,000	3
Pole Hill	38,238	1
Flatiron	94,500	3
Big Thompson	4,500	1
Total	216,338	11



Mary's Lake Power Plant



Farr Pump Plant

	Capacity	Rated Lift	Installed
<b>Pump Stations</b>	(cfs)	(feet)	Capacity (hp)
Farr	600	186	18,000
Willow Creek	400	175	10,000
Flatiron	370	240	13,000

<sup>&</sup>lt;sup>(1)</sup> The capacity information for the C-BT Project has remained the same since the inception of the project in 1957.



Carter Lake

Storage Reservoirs		Capacity (acre-feet)			
_	Shoreline (miles)	Capacity (acre-feet)	Total		
West Slope					
Grand Lake <sup>(3)</sup>	4.5	N/A	68,600		
Green Mountain <sup>(1)</sup>	19.0	146,779	154,645		
Lake Granby	40.0	465,568	539,758		
Willow Creek	7.0	3,329	10,553		
Shadow Mountain	8.0	1,839	17,354		
East Slope					
Mary's Lake	1.0	N/A	927		
Lake Estes	4.0	N/A	3,068		
Pinewood	3.0	N/A	2,181		
Flatiron	2.0	N/A	760		
Carter Lake	12.0	108,924	112,230		
Boulder	4.0	11,970	13,270		
Horsetooth	25.0	149,732	156,735		
Total	129.5	888,141	1,080,081		

<sup>(1)</sup> Operated and maintained by Reclamation

<sup>(2)</sup> Active capacity is the amount of water that can be stored and later released for beneficial purposes. In most reservoirs, some amount of the stored water cannot be evacuated due to the placement of outlet works. The water that cannot be evacuated is sometimes called "dead storage."

<sup>&</sup>lt;sup>(3)</sup> Natural lake

### **Southern Water Supply Project**

Year ended September 30, 2021

Unaudited

Water Conveyance	Capacity (cfs)	Length (miles)
Broomfield	93.1	34.0
Louisville/Superior	13.2	8.0
Fort Morgan	11.0	42.0
Fort Lupton/Hudson	9.6	29.0
SWSP II	50.0	20.6

Pump Plants	Capacity (cfs)	Rates Lift (feet)	Installed Capacity (hp)
Broomfield	24	110	550
West Longmont	41	310	2,000
Louisville/Superior	9	340	600

Pump Plant Under Construction	Capacity (cfs)	Rates Lift (feet)	Installed Capacity (hp)
Eastern Pump Plant	33.6	653	3,500

#### **Southern Water Supply Project** Greeley Loveland South Platte River Carter Fort Morgan Lake 287 LARIMER BOULDER **SWSP Pipeline SWSP II** Fort Morgan Longmont Pipeline 76 Water Treatment Plant Erie Hudson **Fort** Boulder Boulder Lupton WELD MORGAN Louisville ADAMS Superior **Broomfield** Legend **JEFFERSON** Carter to Broomfield Pipeline Denver Louisville/Superior Pipeline Fort Morgan Pipeline Fort Lupton/Hudson Pipeline ■ SWSP II Pipeline Broomfield Pump Plant Louisville/Superior Pump Plant West Longmont Pump Plant Eastern Pump Plant

# **Pleasant Valley Pipeline Project**

Year ended September 30, 2021 Unaudited

Water Conveyance Pleasant Valley Pipeline	Capacity (cfs) 185	Length (miles) 8.5	
North Poudliversion		Munroe Cana/  Cache la Poud-	LEGEND Pleasant Valley Pipeline Reservoirs Canals Rivers Tunnel
		Horsetooth Reservoir	

College Lake

# **Northern Water Hydropower**

Hydropower Plants	Turbines	Power Generation (KWh)	ration (KWh)		
Robert V. Trout	2 – 1300 KW	7-10 million			
Granby	2 - 600 KW	5 million			



Granby Hydro



Robert V. Trout Hydro

# Northern Water Employees by Division<sup>(1)</sup> (2012 - 2021)

	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
Management	5	6	6	5	4	4	5	5	5	5
Human Resources <sup>(2)</sup>	4	2	2	2	-	-	-	-	-	-
Policy Advisors	1	2	2	4	-	-	-	-	-	-
Operations Division										
Collection Systems	9	9	15	14	15	15	17	18	18	19
Control Center	6	6	-	-	-	-	-	-	-	-
Distribution Systems	17	19	17	15	16	19	19	18	18	17
Facilities and Equipment	12	13	10	11	10	9	9	9	10	10
Capital Improvements	-	-	1	2	-	-	-	-	-	-
Instrumentation Control and										
Electrical Engineering	7	6	4	5	5	5	5	5	5	5
Safety Officer	1	1	1	1	1	1	1	-	-	_
Operations Division	52	54	48	48	47	49	51	50	51	51
Engineering Division										
Project Management	11	10	8	7	7	5	5	4	4	4
Water Resources	5	5	3	7	5	5	5	5	5	5
Water Rights	3	3	-	-	-	-	-	-	-	-
Real Estate/Emergency and Security	9	7	6	5	2	2	2	1	1	2
Engineering Division	28	25	17	19	14	12	12	10	10	11
Environmental Services Division										
Water Quality	7	8	6	6	5	4	3	3	3	3
Water Efficiency	5	4	4	4	6	6	6	6	6	6
Field Services	10	10	8	8	8	7	6	6	6	5
Environmental Planning	2	1	1	-	-	-	-	-	-	-
Environmental Data Management	1	1	-	-	-	-	-	-	-	_
Environmental Services Division	25	24	19	18	19	17	15	15	15	14
Administration Division										
Financial Services	10	7	8	6	6	6	6	6	6	5
Communications	7	7	7	5	7	6	7	8	8	9
Contracts	4	3	3	3	-	-	-	-	-	-
Cybersecurity & Governance	2	2	-	-	-	-	-	-	-	-
Information Technology	12	9	11	10	9	9	10	11	11	11
Water Scheduling	5	5	4	1	1	1	1	1	-	-
Records and Administrative Services	8	8	7	6	7	7	7	7	8	8
Administration Division	48	41	40	31	30	29	31	33	33	33
Full-time regular employees	163	154	134	127	114	111	114	113	114	114

<sup>&</sup>lt;sup>(1)</sup> Statistics as of September 30, 2021.

<sup>&</sup>lt;sup>(2)</sup> Prior to 2018, Human Resources included under Records and Administrative Services

#### **GENERAL INFORMATION**

#### **Northern Water Organization and Contact Information**

Year ended September 30, Unaudited

**Authority** Water Conservancy Act

**Date of Formation** September 20, 1937

**Governing Body**Northern Water is governed by a 12-member Board of Directors, which is appointed

by the presiding district court judges of four of the five judicial districts located

wholly or partially within Northern Water boundaries.

**Organization**Northern Water is a public body political and corporate, a quasi-municipal entity and

a political subdivision of the State of Colorado.

**Purpose** Northern Water was organized to acquire water; to obtain rights-of-way for certain

water works; to provide construction for water facilities; to incur contractual or bond indebtedness; to administer, operate and maintain physical works; to conserve, control, allocate and distribute water supplies; and to derive the revenues needed to

accomplish its purposes.

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