



# **Comprehensive Annual Financial Report**

**For the years ended December 31, 2019 and 2018**



## COMPREHENSIVE ANNUAL FINANCIAL REPORT

For the years ended December 31, 2019 and 2018

Prepared by the Finance Division

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# INTRODUCTORY SECTION

## BOARD OF DIRECTORS



Pueblo Water's elected Board of Directors include (from left): Steve Nawrocki, Sandy Gutierrez, the late Kevin McCarthy, Mike Cafasso and Dr. Thomas Autobee.

Pueblo Water's five-person Board of Directors is made up of community and business leaders elected by the citizens of Pueblo. Pueblo is fortunate to have a Board that not only performs its expected duties capably — formulating policy, reviewing and approving the budget, setting rates and conducting long-range planning — but also maintains a passionate dedication, to the health and well-being of our community with its service. Board members also have a history of serving multiple six-year terms, and they continue to acquire the complex knowledge required to make the best decisions to ensure Pueblo's water system is operated and maintained in an effective and cost-efficient manner.



- **Dr. Thomas Autobee** (term runs through 2021): Dr. Autobee has been an elected Board member since 2004. He has operated a dental practice in Pueblo since 1977. His great-great-grandfather, Charles Autobee, was one of the original settlers in the Pueblo area in 1828.



- **Mike Cafasso** (term runs through 2019): Mr. Cafasso was appointed to fill a Board vacancy in March of 2007 and then was elected to the Board in November of that same year. He has served ever since. He is the CEO of St. Mary-Corwin Hospital.



- **Sandy Gutierrez** (term runs through 2023): Ms. Gutierrez is the Chief Experience Officer of Health Solutions. Prior to that she was the CEO of the Latino Chamber of Commerce for 18 years. She also serves on the Mental Health Colorado Board of Directors for the Southern and Southeastern Regions.



- **Steve Nawrocki** (term runs through 2019): Mr. Nawrocki was appointed to the Board in March of 2019 by Pueblo City Council to fill a vacancy created by the newly elected Mayor. Mr. Nawrocki has served as the Executive Director of the Senior Resource Development Agency (SRDA) since 1988.

*Board President Kevin F. McCarthy passed away on Sept. 24, 2019. He served on the Board with distinction since 1988. Pueblo Water's new hydroelectric plant at the Whitlock Treatment Facility will be named in his honor in 2020.*



## Board of Water Works of Pueblo, Colorado

319 W. 4th Street • P.O. Box 400 • Pueblo, Colorado 81002-0400 • 719/584-0250

March 5, 2020

### **To the Board of Water Works of Pueblo, Colorado and To Those We Serve:**

We are pleased to transmit the Comprehensive Annual Financial Report of the Board of Water Works, of Pueblo, Colorado ("Pueblo Water") for the year ended December 31, 2019. This report is presented in three sections as follows:

#### **Introductory Section**

Included in this section is the letter of transmittal, principal officials, organizational chart, and excerpts from the City charter.

#### **Financial Section**

This section includes the independent auditors' report on the accompanying financial statements, Management's Discussion and Analysis, the basic financial statements, and supplementary information.

#### **Statistical Section**

The Statistical section encompasses information related to: financial trends, revenue capacity, debt capacity, demographics and the economic situation of the City and County of Pueblo, and operating information generally presented on a multi-year basis.

Responsibility for the accuracy of the data as well as the thoroughness of the presentation rests with the management of Pueblo Water. To the best of our knowledge, the enclosed data are accurate in all material respects and adequately present the financial position of Pueblo Water.

Schmidt, Valentine, Whittemore & Company, PC has issued an unmodified ("clean") opinion on Pueblo Water's financial statements for the years ended December 31, 2019 and 2018. The independent auditors' report is located at the front of the financial section.

Management's Discussion and Analysis ("MD&A") immediately follows the independent auditors' report. The MD&A will present an objective and easily readable analysis of the financial performance of Pueblo Water. The MD&A is made up of several categories: Financial Highlights; provides a summary of Pueblo Water's significant 2019 financial activity. Condensed Financial Statements; provides an analysis of significant activity in the basic financial statements. Budgetary Highlights; provides an analysis of Pueblo Water's budget procedures as well as the 2019 budget -vs- actual results and the 2020 budget. Finally, Currently Known Facts, Decisions or Conditions; outlines currently known facts, decisions or conditions as of the date of the auditors' report that may have an effect on Pueblo Water's financial position. The MD&A is followed by the basic financial statements, notes to the financial statements, and supplementary information.

## **Profile of the Board of Water Works of Pueblo, Colorado**

In Pueblo, a five-member Board is charged with the formulation of policy, review and approval of the budget, setting rates and long-range planning that will ensure Pueblo's water system is operated and maintained in an efficient and cost-effective manner. This Board is comprised of community and business leaders elected by the citizens of Pueblo. Board members serve staggered six-year terms.

Pueblo Water has 136 employees who specialize in the many skills needed to manage, engineer, operate and maintain Pueblo's water system and sources of supply.

Pueblo's water supply originates high in the Rocky Mountains above Leadville, Colorado. Water from these high mountain watersheds flows into canals, creeks and streams and eventually into the Arkansas River. Pueblo's supply is then diverted from the Arkansas River through intake structures located within Pueblo Reservoir and transferred via pipeline to the Whitlock Treatment Plant where it is treated and filtered. The finished water is pumped through a system of transmission mains to various storage tanks and adjoining pump stations throughout the city. Water is carried from these pump stations by a vast network of interconnecting pipes to the citizens and businesses of Pueblo. There are approximately 582 miles of water mains (including both transmission and distribution mains) in the system. The water supply, treatment and distribution process continue 24 hours a day, 365 days a year.

The mission of the Board of Water Works is as follows:

*The Board of Water Works is committed to providing the highest quality of water at the lowest possible cost. We are equally committed to the work force that helps achieve that goal. We strive to create and maintain an environment that encourages and recognizes teamwork, individual contribution, and the integrity of each employee.*

## **Planning**

Planning has been an important visionary component throughout Pueblo Water's history. This is evidenced through the maintenance of long-term financial, capital, main replacement, operation and maintenance, water resource, and work force succession plans.

## **Financial, Capital, and Operation & Maintenance**

Each year, as part of the budget process, updates are performed to Pueblo Water's financial, capital, and operation and maintenance 10-year plans. Since it is Pueblo Water's practice to finance routine improvements within its normal rate structure, these plans are an integral part of that success. As a consequence, small steady rate increases are implemented each year, which is essential to ensuring adequate revenue and avoiding "rate-shock" for customers. As is the case with many water utilities around the United States, Pueblo Water recognizes the coming challenge of replacing its infrastructure and works to continually refine its supplemental 30-year capital plan. This expanded capital plan affords Pueblo Water the ability to make crucial decisions surrounding replacement of its infrastructure.

## **Main Replacement Program**

Pueblo Water's main replacement program was started in the late 1960's and consists of a formal twenty-year plan that is updated approximately every ten years through cooperation with Pueblo Water's internal engineering staff and its consulting engineer. During the intervening ten-year period, Pueblo Water's internal engineering staff regularly updates the plan to ensure customer needs are met. On average, Pueblo Water spends close to \$2 million every year in connection with the program. Through this program Pueblo Water has greatly reduced the number of main breaks experienced each year. In 1972, 196 main breaks occurred, while in 2019 there were just 44.



## Water Resource Plan

In 2007, Pueblo Water updated the water resource plan to project and meet the needs of the community for the next fifty years. That process has continued on a less formal basis each year since 2007.

## Key Financial Policies

Along with deliberate and structured planning, Pueblo Water has adopted sound financial policies. Some of the key policies that have helped to shape their financial results for recent years are listed below:

- Small annual rate increases that are supported by customers.
- Reinvestment in system infrastructure.
- Issuance of debt, only for major projects.
- Continued investment in new technologies.
- Maintain a minimum 5% of operating revenue as General Fund unrestricted and undesignated balance.
- One-time revenues are not used to off-set rate increases, but instead are designated for future expansion.
- Maintain an operation and maintenance reserve equal to at least a sixty day equivalent of personnel and O&M expense.
- Maintain a capital reserve of no less than \$1 million.

## Revenue Growth and Rates

### Significant One-time Revenue

Since 2005, Pueblo Water has received one-time revenue totaling \$45.92 million. The receipt of these revenues has helped significantly to further the strategic plans of Pueblo Water. In 2009, \$30.41 million was received from the sale of a transmountain water right and diversion structure, and was used to help finance the purchase of in-basin water rights totaling \$56.13 million in that same year. Although the sale can be characterized as one-time revenue, the sale of the water right and diversion structure was specifically done to minimize the economic impact of the purchase of the in-basin water rights to Pueblo Water's customers. The remaining \$15.51 million was earned through long-term contracts to serve power plants located in the Pueblo area. In keeping with Pueblo Water's policy on use of one-time revenues, Pueblo Water designated the use of this revenue for future water expansion projects and water rights acquisition. Of the \$15.51 million, Pueblo Water has used approximately \$13.19 million in connection with the water rights purchases from 2009 to 2019 and to construct a 1.5 million gallon tank along with the transmission and distribution mains to serve customers in a new industrial park south of Pueblo. The remaining approximately \$2.32 million has been reserved for future projects.

## Consumption Trends & Customer Demographics

As a result of the ongoing drought experienced by the area since 2002, the consumption patterns of Pueblo Water's customers have changed. Through conservation, residential customers have decreased their water use by approximately 16%. Pueblo Water believes this change to be permanent. Considering 64% of Pueblo Water's annual revenue is derived from metered water sales and the cost to provide water to customers has increased, the change in consumption patterns had the potential to adversely affect Pueblo Water's financial position. However, through planning and understanding the changing business environment, Pueblo Water has been able to navigate through these turbulent times, and maintain its strong financial position without raising rates beyond 5% in any one single year. The following table compares several ratios, depicting fiscal health, for 2010 and 2019:

Ratio	2019	2010
Current ratio	3.09	3.84
Debt/ equity	0.22	0.32
Number of days of working capital	491.47	505.18

As a consequence of the factors stated above, Pueblo Water has maintained its modest projected consumption throughout its 10 year financial plan. It is currently estimated that, in a year during which Pueblo receives average precipitation, potable water consumption will be approximately 8 billion gallons compared with pre-drought levels of nearly 9 billion gallons.

Pueblo Water's practice of temporarily leasing its excess non-potable water supply has proved successful in mitigating the change in potable water sales. During the past ten years Pueblo Water has received \$89.3 million in revenue from these contracts. For 2020, it is expected that non-potable water sales will account for 27% of Pueblo Water's operating revenue. This practice allows Pueblo Water to make good use of short-term excess supply while providing for the ability to plan for future water needs in the community.

Additional, more detailed customer and revenue related information is provided in the statistical section of this report.

### **Operating and Capital Expenditures**

During the period 2010 through 2019, Pueblo Water's operating expense increased 22% driven predominantly by costs associated with: personnel, electricity, health insurance, chemicals, maintenance, and fuel. Associated with increased operating costs, Pueblo Water has raised rates 35% during the period 2010 through 2019.

Staffing increased from a low of 125 full time employees in 2001 to a high of 142 full time employees in mid 2009. Increased work load required additional personnel and in 2005, Pueblo Water embarked on a company-wide succession plan which contributed to the increased staffing levels. Currently, Pueblo Water has reduced that number to 136, but as different phases of the succession plan are met the number will fluctuate.

Aside from personnel costs, electricity is the single largest operating expense for Pueblo Water. Since 2004, electricity costs related to pumping and treating have risen 112%. This has motivated Pueblo Water, to consider all avenues for increased efficiency with its electrical use including possible hydroelectric power at the Whitlock Treatment Plant.

Pueblo Water's 10 year capital plan provides a detailed and flexible structure by which Pueblo Water is able to ensure the reliability of its system and equipment. While each year includes different requirements, typically between \$3 and \$5 million is spent annually on capital improvement or replacement expenditures.

### **Closing**

While the intent of the transmittal letter is to provide more subjective aspects of topics related to the fiscal health of Pueblo Water, information contained in other sections of this report provide more detailed insight. The MD&A provides a view, from Management's perspective, of more recent activity. This information can be used along with the basic financial statements and notes to gain an understanding of Pueblo Water's performance for the years ended December 31, 2019 and 2018. MD&A begins on page II-4.

In connection with Pueblo Water's outstanding debt, certain disclosures pursuant to Section (b)(5)(i) of the Securities and Exchange Commission Rule 15c2-12 (17 CFR Part 240, § 240.15c2-12) are required. The disclosures consist of the following:

- |                                      |                                |
|--------------------------------------|--------------------------------|
| ▪ Audited Financial Statements       | Section II – Financial Section |
| ▪ Annual Financial Information       |                                |
| ○ Customer Information               | Section II – MD&A – Page II-5  |
| ○ Largest Customers                  | Section II – MD&A – Page II-6  |
| ○ Historical Connection Fees         | Section II – MD&A – Page II-7  |
| ○ Historical Changes in Net Position | Section II – MD&A – Page II-7  |
| ○ Budget Summary and Comparison      | Section II – MD&A – Page II-12 |

In closing, we would very much like to express our appreciation to all who contributed to the preparation of this report. We would also like to commend the elected Board for their continued guidance, support and professionalism in the management of Pueblo's Water System.

Sincerely,

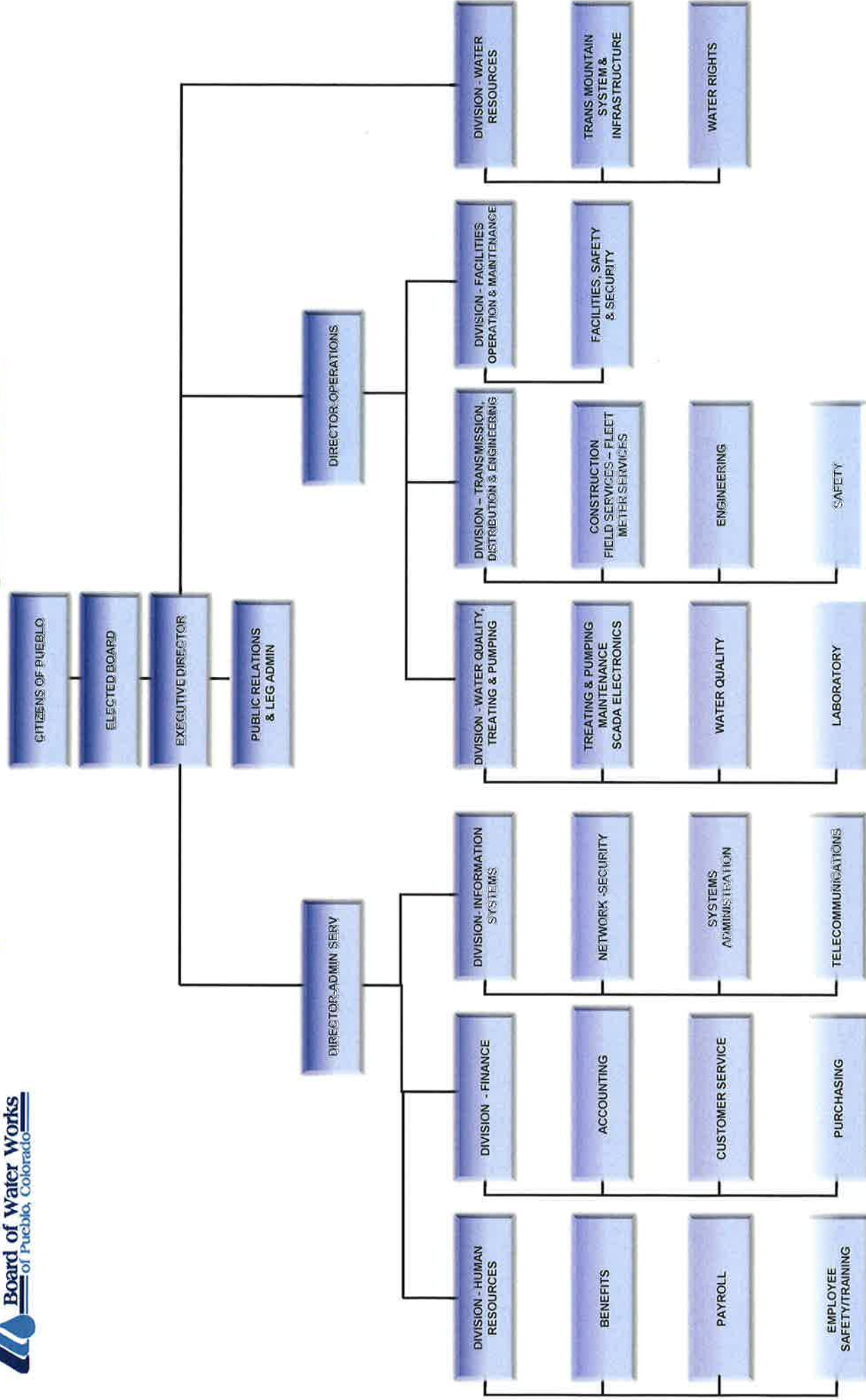


Seth J. Clayton  
Executive Director



Jeanette O'Quin  
Director of Administrative Services

# Operations and Functional Organizational Chart



## ARTICLE 15

### Water and Water Works

**Section 15-1. Consolidation\*** - Consolidation of the water works systems and properties managed and controlled by the Trustees of the Pueblo Water Works and by the Board of Commissioners of Pueblo Water Works District No. 2, may be effected upon a plan submitted by the Council, or upon such terms and conditions as may be agreed upon between the Trustees of the Pueblo Water Works and the Board of Commissioners of Public Water Works District No. 2, provided that no such plan or agreement for consolidation shall become effective until the same shall have been approved at a general city election, or at a special city election, by a majority of qualified taxpaying electors of each district voting thereon; PROVIDED, that all bonds and indebtedness of any kind of either of the Districts outstanding at the time of such consolidation shall remain the sole indebtedness and obligation of such District as contracted the indebtedness, and shall not become the indebtedness or obligation of the Consolidated District or of the City, but the property located in the District which contracted the indebtedness shall be and remain subject to the payment thereof as if such consolidation had not been effected.

\* CONSOLIDATED EFFECTIVE JUNE 11, 1957.

**Section 15-2. Board of Water Works of Pueblo, Colorado\*** - Title to the properties of the former districts now consolidated and any property of the water works is in the City of Pueblo. The entire control, management and operation thereof shall be exercised by an independent Board named "Board of Water Works of Pueblo, Colorado," over which the Council shall have no jurisdiction or control, but shall adopt all ordinances requested by said Board which shall be reasonably necessary to assist the Board in the management of the water works system and property, or to enable said Board to purchase or condemn additional water, water rights, reservoirs, reservoir sites or property of any kind, needed to supply water to the City or its inhabitants. The Board shall consist of five members all elected at large for six year terms as hereafter provided. The Board shall initially consist of the following five members: one previously elected holding a six year term expiring December 31, 1965; one previously elected holding a six year term expiring December 31, 1967; one holding a six year term expiring December 31, 1969, elected at the November 1963 election; one appointed by the City Council from January 1, 1964 to December 31, 1965, and one appointed by the City Council from January 1, 1964 to December 31, 1967. As the term of each member expires, a member to fill a new term of six years shall be elected, said terms to commence the first day of January next after their election. The Board of Water Works shall have and exercise all powers which are granted to cities of the first class by the Constitution and Laws of the State of Colorado, except the power to levy and collect taxes directly or indirectly. Surplus water may be supplied to territories outside the City until same is needed by the inhabitants of the City. It shall have power to make and execute contracts in the name of the City, institute and defend all litigation affecting its powers and duties or in relation to the water works system, and as to all other property under its management. The members of the Board shall continue to receive their present salaries until changed by ordinance of the Council. This amendment shall become effective January 1, 1964.

\* As AMENDED NOVEMBER 5, 1963, BY VOTE OF 8,704 TO 5,201; ALSO AS AMENDED NOVEMBER 7, 1995, BY VOTE OF 13,064 TO 8,731.



**Section 15-3. District No. 2** - The water plant together with all other property belonging to Public Water Works District No. 2 shall continue to belong to the District, and be held, managed and operated in the same manner as at present, until the ownership, control and management shall be changed pursuant to the provisions of this Charter, and no change shall be made except as herein provided unless such change be approved by a vote of the majority of the qualified taxpaying electors of the District voting thereon.

The Commissioners of Public Water Works District No. 2 shall continue to hold office until January 1, 1956. Except in the event of consolidation, three Commissioners of the Public Water Works District No. 2 shall be elected at each general city election, and shall hold office for a term of two years from the first day of January following each election. The Commissioners shall possess the same powers as are now possessed by the Commissioners of Public Water Works District No. 2.

**Section 15-4. Pueblo Water Works** - The Trustees of the Pueblo Water Works now in office shall continue to hold office until January 1, 1956. Except in the event of consolidation, three Trustees of the Pueblo Water Works shall be elected at each general city election, and shall hold office for a term of two years from the first day of January following each election. The trustees shall possess the same powers as are now possessed by the present Trustees of the Pueblo Water Works.

**Section 15-5. Election** - The nomination and election of the Commissioners and Trustees and members of the Board of Water Works of Pueblo shall be conducted in the same manner as is herein provided for the nomination and election of members of the Council.

**Section 15-6. Contracts\*** - No contract shall be entered into, and no purchase shall be made by the Trustees or Commissioners of the existing water districts, or by the Board of Water Works of Pueblo, involving the expenditure of a sum in excess of One Thousand Dollars (\$1000.00), except for personal, professional or technical services not lending themselves to competitive bidding, until a proposal for bids for the materials or services covered by such contracts or purchase shall have been advertised by one publication in a daily newspaper of general circulation in Pueblo at least ten days prior to the making of such contract or purchase.

\* As AMENDED NOVEMBER 4, 1967, BY VOTE of 10,038 To 5,793.

## FINANCIAL SECTION



**Schmidt,  
Valentine,  
Whittemore  
& Company, P.C.**  
Certified Public Accountants

Daniel H. Valentine, CPA  
Virginia D. Whittemore, CPA  
Bernard O. Schmidt, 1922-2013

Members:  
AICPA  
CSCPA

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### INDEPENDENT AUDITORS' REPORT

The Board of Water Works  
Pueblo, Colorado

We have audited the accompanying financial statements of the Board of Water Works of Pueblo, Colorado, as of and for the years ended December 31, 2019 and 2018, and the related notes to the financial statements, which collectively comprise the Board'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 audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement.

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

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

#### **Opinions**

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the Board of Water Works of Pueblo, Colorado, as of December 31, 2019 and 2018, and the changes in financial position and, cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.

## **Other Matters**

### *Required Supplementary Information*

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis on pages II-4 through II-13 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's response to our inquiries, the basic financial statements, and other knowledge we obtained during our audits 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 audits were conducted for the purpose of forming opinions on the financial statements that collectively comprise the Board of Water Works of Pueblo, Colorado's financial statements as a whole. The introductory section, supplemental financial information and statistical section as listed in the table of contents are presented for purposes of additional analysis and are not a required part of the basic financial statements.

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

The introductory and statistical sections have not been subjected to the auditing procedures applied in the audits of the 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 5, 2020, on our consideration of the Board of Water Works of Pueblo, Colorado's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion

The Board of Water Works  
Pueblo, Colorado  
Page Three

on the internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* and should be considered in assessing the results of our audits.

*Schmidt, Valentine, Whittemore & Company, P.C.*

SCHMIDT, VALENTINE, WHITTEMORE & COMPANY, P.C.  
Certified Public Accountants

March 5, 2020



**BOARD OF WATER WORKS OF PUEBLO, COLORADO**  
**MANAGEMENT'S DISCUSSION AND ANALYSIS**  
**DECEMBER 31, 2019**

The following is management's discussion and analysis ("MD&A") of the financial activities of the Board of Water Works of Pueblo, Colorado ("Pueblo Water") for the years ended December 31, 2019 and 2018. This information should be read in conjunction with the following basic financial statements.

**2019 Review**

**Major Repairs and Replacements**

In 2019, Pueblo Water continued to make progress with its main replacement program spending \$2.34 million replacing 2.56 miles of mains. Pueblo Water refurbished Filter No. 11 at the Whitlock Treatment Plant at a cost of \$273 thousand. In addition, coating repairs were completed to the Belmont Tank No. 2 near Colorado State University-Pueblo at a cost of \$649 thousand. Repairs began on Filter No. 12 at the Whitlock Treatment Plant and will be completed in 2020. The anticipated total cost is \$190 thousand. Design engineering began on the Kevin G. McCarthy Hydroelectric Power Plant at the Whitlock Treatment Plant. The anticipated cost of the project is \$4 million. The hydro plant will help to reduce energy consumption and lower peak demand reducing Pueblo Water's cost to power our treatment plant which averages \$2 million annually.

**Water Rights**

2019 was a historic year for our Bessemer Irrigating Ditch Company water rights purchase project and marked the conclusion of both the change and exchange court cases. When there is a need, the decrees allow Pueblo Water to use the water, purchased between 2009 and 2011, within its municipal system. The conclusion of the court process marks the culmination of a ten-year process to secure Pueblo's water supply needs for the next 50 years.

**Customer Service Enhancements**

The Service Line Replacement Program (SLRP) that began in 2015, continued to provide great value for customers. The SLRP protects residential customers from bearing the cost to repair or replace damaged service lines from Pueblo Water's main to their meter. The cost of the program is just a \$1 per month charge for all customers eligible to participate in the program.

Pueblo Water's "Get the Lead Out" initiative continued in 2019 and is a proactive approach to partner with property owners and eliminate lead service lines in the community. In 2019, Pueblo Water repaired or replaced 83 water service lines, ten of which were lead services. Repairs and replacements are at no cost to the customer. Lead service lines are identified through potholing contracted with an outside vendor at a cost of \$151 thousand in 2019. The total cost of all service line replacements for 2019 was \$421 thousand and the average cost per replacement was \$5,100.

**Bond Refinancing**

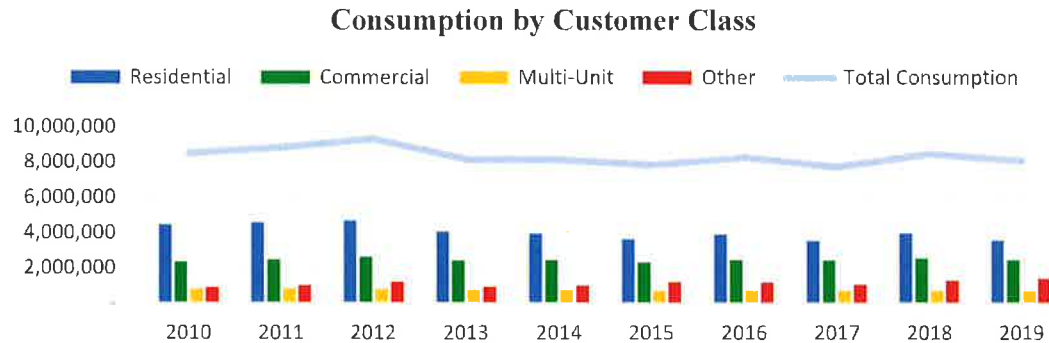
On May 15, 2019, Pueblo Water closed on the Series 2019 Water Revenue Refunding Bonds in the amount of \$18.6 million. The proceeds from the sale of the bonds were used to advance refund the Board's Series 2009 Bonds with a principal of \$24.25 million and providing a net present value savings of \$2.4 million.

**2019 Financial Highlights**

During 2019, Pueblo received just over thirteen inches of precipitation, which is slightly above the average amount of precipitation we receive annually. With average precipitation and temperatures for the year, the actual consumption of 8.09 billion gallons of potable water for 2019 was very near the projected consumption of 8 billion gallons and generated \$25.24 million of metered water sales. Precipitation in 2019 was 96% higher than 2018 and the average temperatures were near identical for each year, resulting in a 4.8% decrease in consumption in 2019 when compared to 2018 consumption.

**BOARD OF WATER WORKS OF PUEBLO, COLORADO**  
**MANAGEMENT'S DISCUSSION AND ANALYSIS**  
**DECEMBER 31, 2019**

While most customer classes used less water in 2019 compared with 2018, residential customers made up the largest decrease at 9.7%. Below is a chart illustrating consumption trends by customer class over the past ten years:



The following table illustrates certain factors related to potable water sales for the past five years:

Year	Customers <sup>1</sup>	Consumption (000s gal.)	Water Pumped (000s gal.)	Percent Unaccounted Water <sup>2</sup>	Average Pumped Per Day (000s gal.)	Peak Day Pumpage (000s gal.)	Annual Rainfall <sup>3</sup> Inches
2015	40,090	7,854,007	8,307,273	5.5%	22,760	45,754	16.61
2016	40,213	8,278,117	8,867,869	6.7%	24,296	46,547	11.97
2017	40,419	7,746,343	8,259,957	6.2%	22,630	47,032	15.50
2018	40,629	8,495,657	9,030,122	5.9%	24,740	50,599	6.70
2019	40,762	8,091,950	8,456,177	4.3%	23,168	47,519	13.11

<sup>1</sup>Based on customers at December 31.

<sup>2</sup>The unaccounted for water includes water used or lost in seepage, system storage, fire protection, street cleaning and water distribution flushing.

<sup>3</sup>Reported by the United States Weather Bureau as measured at Pueblo Municipal Airport.

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**BOARD OF WATER WORKS OF PUEBLO, COLORADO**  
**MANAGEMENT'S DISCUSSION AND ANALYSIS**  
**DECEMBER 31, 2019**

Consumption from Pueblo Water's ten largest customers decreased less than 1%, a rate lower than that of total consumption which was 4.8%. This was caused by a decrease in needed energy throughout the year as well as decreased irrigation for the other large customers. The following tables illustrate consumption and revenue generated from Pueblo Water's ten largest potable water customers for 2019 and 2018 and includes only metered water revenue:

Largest Customers - Treated Water  
For the Year Ended December 31, 2019

Customer	Total Consumption (000s gal.)	<sup>1</sup> Percent of Total Consumption	Amount Billed	<sup>2</sup> Percent of Total Revenue
Steel Mill	318,457	3.94%	\$ 1,018,693	4.04%
Utility - Private	308,101	3.81%	1,069,474	4.24%
City Government	267,504	3.31%	893,099	3.54%
State Health Service Provider	165,714	2.05%	485,315	1.92%
University	133,596	1.65%	381,895	1.51%
Public School System	113,799	1.41%	349,210	1.38%
Manufacturer	105,954	1.31%	306,013	1.21%
Housing Authority	89,854	1.11%	318,729	1.26%
Country Club	61,902	0.76%	178,156	0.71%
Medical Center	45,097	0.56%	141,358	0.56%
Total	1,609,978	19.91%	\$ 5,141,942	20.37%

<sup>1</sup>Based on total consumption of 8.092 billion gallons

<sup>2</sup>Based on total billing in 2019 of \$25,243,500

Largest Customers - Treated Water  
For the Year Ended December 31, 2018

Customer	Total Consumption (000s gal.)	<sup>1</sup> Percent of Total Consumption	Amount Billed	<sup>2</sup> Percent of Total Revenue
Utility - Private	333,394	4.12%	\$ 1,031,908	4.09%
City Government	298,705	3.69%	878,553	3.48%
Steel Mill	288,325	3.56%	887,775	3.52%
State Health Service Provider	184,526	2.28%	519,364	2.06%
University	149,551	1.85%	412,517	1.63%
Public School System	119,745	1.48%	353,401	1.40%
Housing Authority	99,086	1.22%	334,826	1.33%
Country Club	90,675	1.12%	250,416	0.99%
Manufacturer	89,187	1.10%	249,387	0.99%
Medical Center	48,521	0.60%	144,969	0.57%
Total	1,701,715	21.02%	\$ 5,063,116	20.06%

<sup>1</sup>Based on total consumption of 8.496 billion gallons

<sup>2</sup>Based on total billing in 2018 of \$25,819,695

**BOARD OF WATER WORKS OF PUEBLO, COLORADO**  
**MANAGEMENT'S DISCUSSION AND ANALYSIS**  
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**Non-potable water sales:**

Leases of non-potable water continues to be an important tool for Pueblo Water to manage changes in customer demands. During 2019, \$10.64 million was generated from approximately 35,000-acre feet of contracted non-potable water leases. Comparably, in 2018, \$10.12 million was generated from approximately 28,400-acre feet of contracted non-potable water leases.

**Connection fees:**

Connection fees represent the investment paid by customers and developers to connect to Pueblo Water's water system. The overall decrease in revenue is due to the decrease in large multi-family projects which accounted for \$251,500 of the overall \$269,217 decrease in connection fee revenue from 2018. The following table illustrates revenue collected from connection fees for the past five years:

<u>Year</u>	<u>Revenue Collected</u>
2019	\$ 778,956
2018	1,048,173
2017	893,596
2016	726,017
2015	861,036

The statements of revenues, expenses and changes in net position presents the financial activity of Pueblo Water for the years ended December 31, 2019 through 2015. Operating expenses include personnel services and operation and maintenance costs by activity. See table below:

STATEMENTS OF REVENUES, EXPENSES, AND CHANGES IN NET POSITION  
FOR THE YEARS ENDED DECEMBER 31, 2019, 2018, 2017, 2016, AND 2015

	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>
Operating Revenues	\$ 39,540,542	\$ 40,044,876	\$ 36,058,973	\$ 35,946,744	\$ 34,453,854
Operating Expenses					
Source of supply, pumping, treatment and distribution	11,939,259	11,964,414	11,462,596	11,496,618	11,153,896
General and administrative	11,335,082	11,972,953	11,331,448	11,105,239	10,657,272
Customer Service	2,240,512	2,191,139	2,160,741	2,106,660	2,116,153
Depreciation and amortization	6,057,119	5,872,533	5,560,582	5,372,756	5,354,330
Total operating expenses	<u>31,571,972</u>	<u>32,001,039</u>	<u>30,515,367</u>	<u>30,081,273</u>	<u>29,281,651</u>
Net Operating Revenues	7,968,570	8,043,837	5,543,606	5,865,471	5,172,203
Total Nonoperating Revenues and (Expenses)	<u>(262,662)</u>	<u>(802,241)</u>	<u>(1,220,767)</u>	<u>(1,378,621)</u>	<u>(1,631,195)</u>
Income Before Other Revenues	7,705,908	7,241,596	4,322,839	4,486,850	3,541,008
Other Revenues	<u>240,440</u>	<u>177,422</u>	<u>580,917</u>	<u>381,780</u>	<u>292,480</u>
Increase in Net Position	7,946,348	7,419,018	4,903,756	4,868,630	3,833,488
Net Position, January 1	<u>215,829,554</u>	<u>208,410,536</u>	<u>207,472,212</u>	<u>202,603,582</u>	<u>198,770,094</u>
Net Position, December 31	<u>\$ 223,775,902</u>	<u>\$ 215,829,554</u>	<u>\$ 212,375,968</u>	<u>\$ 207,472,212</u>	<u>\$ 202,603,582</u>

<sup>1</sup>Includes GASB 68 adjustment for beginning balance of net pension liability of \$10,085,316.

<sup>2</sup>Includes GASB 75 adjustment for beginning balance of net OPEB liability of \$3,965,432.

**BOARD OF WATER WORKS OF PUEBLO, COLORADO**  
**MANAGEMENT'S DISCUSSION AND ANALYSIS**  
**DECEMBER 31, 2019**

**Statements of Net Position**

The statement of net position is a financial snapshot of Pueblo Water as of December 31, 2019, 2018 and 2017. It presents the fiscal resources of Pueblo Water (assets), the claims against those resources (liabilities) and the residual available for future operations (net position). Assets and liabilities are classified by liquidity as either current or non-current. Net position is separated into three categories. The first category, invested in capital assets, net of related debt, consists of capital assets (net of depreciation and amortization) less related outstanding debt incurred to purchase or produce those assets. The second category, restricted, consists of restricted assets less accrued interest on construction related long-term debt. Finally, the third category, unrestricted, consists of current assets plus other assets less all liabilities unrelated to acquisitions of capital assets.

The following table is a condensed statement of Pueblo Water's net position as of December 31, 2019, 2018 and 2017.

CONDENSED STATEMENT OF NET POSITION  
DECEMBER 31, 2019, 2018 AND 2017

	2019 - 2018					2018 - 2017	
	2019	2018	2017	Increase (Decrease)	% Change	Increase (Decrease)	% Change
<b>ASSETS</b>							
Current assets	\$ 33,934,789	\$ 30,390,918	\$ 27,413,464	\$ 3,543,871	12%	\$ 2,977,454	11%
Restricted assets	2,291,768	4,668,537	4,593,096	(2,376,769)	(51)	75,441	2
Capital assets	241,294,995	238,684,954	234,990,589	2,610,041	1	3,694,365	2
Other noncurrent assets	499,685	2,313,460	6,241,277	(1,813,775)	(78)	(3,927,817)	(63)
Total assets	278,021,237	276,057,869	273,238,426	1,963,368	1	2,819,443	1
Deferred outflows	4,127,048	4,030,943	2,047,814	96,105	2	1,983,129	97
Total assets and deferred outflows	282,148,285	280,088,812	275,286,240	2,059,473	1	4,802,572	2
<b>LIABILITIES</b>							
Current liabilities	10,788,704	10,586,318	10,126,090	202,386	2	460,228	5
Long-term liabilities	43,647,486	51,638,171	50,442,372	(7,990,685)	(15)	1,195,799	2
Liabilities payable from restricted assets	271,235	296,104	312,578	(24,869)	(8)	(16,474)	(5)
Total liabilities	54,707,425	62,520,593	60,881,040	(7,813,168)	(12)	1,639,553	3
Deferred inflows	3,664,958	1,738,665	2,029,232	1,926,293	111	(290,567)	(14)
Total liabilities and deferred inflows	58,372,383	64,259,258	62,910,272	(5,886,875)	(9)	1,348,986	2
<b>NET POSITION</b>							
Net investment in capital assets	209,217,181	200,689,437	193,454,852	8,527,744	4	7,234,585	4
Restricted	2,020,533	4,372,433	4,280,518	(2,351,900)	(54)	91,915	2
Unrestricted	12,538,188	10,767,684	14,640,598	1,770,504	16	(3,872,914)	(26)
Total net position	\$ 223,775,902	\$ 215,829,554	\$ 212,375,968	\$ 7,946,348	4%	\$ 3,453,586	2%

- **Current Assets** in 2019 increased \$3.55 million, or 12% from 2018. They increased \$2.98 million, or 11% between 2018 and 2017. The increase in 2019 was primarily due to the maturity of long-term investments that were reinvested in current money market funds and a slight increase in accounts receivable. The increase in 2018 was primarily the net result of long-term investment maturing being reinvested in current money market funds.
- **Restricted Assets** are assets held as security for outstanding debt and saw a large decrease in 2019 due to an advance refunding of the 2009 Series bonds and using reserved funds to pay down the principal. The increase during 2018 is primarily the result of returns from the respective investments.
- **Capital Assets** in 2019 increased \$2.61 million, or 1% from 2018. They increased \$3.69 million, or 2% between 2018 and 2017. The increase in both years was due to additions, offset by increased accumulated depreciation and asset retirements.



BOARD OF WATER WORKS OF PUEBLO, COLORADO  
MANAGEMENT'S DISCUSSION AND ANALYSIS  
DECEMBER 31, 2019

- **Other Noncurrent Assets** in 2019 decreased \$1.81 million, or 78% from 2018. They decreased \$3.93 million, or 63% between 2018 and 2017. The decrease in both years was primarily due to long-term investments maturing and being reinvested in current money market funds.
- **Deferred Outflows** in 2019 increased by \$.96 million, or 2% from 2018. They increased \$1.98 million, or 97% between 2018 and 2017. The increase in both years was a result of pension and other post-employment benefits related economic/demographic losses, net difference between projected and actual earnings associated with pension plan investments, the amortization of the bond discount and amortization of the deferred loss on refunding interest expense.
- **Current Liabilities** in 2019 increased \$.20 million, or 2% from 2018. They increased \$.46 million, or 5% between 2018 and 2017. The increase in 2019 was the result of various factors such as an increase in accounts payable, retainage held for construction contracts and unearned revenue. These increases were offset by a decrease in current maturities of long-term debt. The increase in 2018 was the result of various factors such as an increase in current maturities, accounts payable and unearned revenue. These increases were offset by a decrease in retainage held for construction contracts.
- **Long-term Liabilities** in 2019 decreased \$7.99 million, or 15% from 2018. They increased \$1.2 million, or 2% between 2018 and 2017. The decrease in 2019 was primarily due to principal payments on revenue bonds and the loan and repayment contract and advance refunding of the 2009 Series bonds and a decrease in the net pension liability, net of investment losses and contributions. The increase in 2018 was primarily due to an increase in the net pension liability, net of investment losses and contributions. The increase was offset by principal payments on revenue bonds and the loan and repayment contract.
- **Deferred Inflows** increased \$1.93 million, or 111% from 2018 as a result of pension and other post-employment benefits related investment gains from differences between actual and expected plan earnings used in the calculation of the net pension and other postemployment benefits liabilities. They decreased \$.29 million, or 14% between 2018 and 2017 as a result of pension and other postemployment benefits related investment gains from difference between actual and expected plan earnings used in the calculation of the net pension and other postemployment benefits liabilities.

**Statements of Revenues, Expenses and Changes in Net Position**

While the statements of net position display the Board's assets, liabilities and net position at year-end, the statements of revenues, expenses, and changes in net position provide information about the source of the change in net position during the year. Net position increased \$7.95 million in 2019 consisting of income before capital contributions of \$7.71 million and capital contributions of \$.24 million. Net position increased \$3.45 million in 2018 consisting of income before capital contributions of \$7.24 million, capital contributions of \$.18 million and an adjustment to beginning net position as detailed in Note 24 of \$3.97 million. The statements of revenues, expenses and changes in net position presents the financial activity of Pueblo Water for the years ended December 31, 2019, 2018 and 2017. Operating expenses include personnel services and operation and maintenance costs by activity. See the following table:

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**BOARD OF WATER WORKS OF PUEBLO, COLORADO**  
**MANAGEMENT'S DISCUSSION AND ANALYSIS**  
**DECEMBER 31, 2019**

	2019	2018	2017	2019 - 2018		2018 - 2017	
				Increase (Decrease)	% Change	Increase (Decrease)	% Change
Operating Revenues	\$ 39,540,542	\$ 40,044,876	\$ 36,058,973	\$ (504,334)	-1%	\$ 3,985,903	11%
Operating Expenses							
Source of supply, pumping, treatment and distribution	11,939,259	11,964,414	11,462,596	(25,155)	-	501,818	4
General and administrative	11,335,082	11,972,953	11,331,448	(637,871)	(5)	641,505	6
Customer Service	2,240,512	2,191,139	2,160,741	49,373	2	30,398	1
Depreciation and amortization	6,057,119	5,872,533	5,560,582	184,586	3	311,951	6
Total operating expenses	31,571,972	32,001,039	30,515,367	(429,067)	(1)	1,485,672	5
Net Operating Income	7,968,570	8,043,837	5,543,606	(75,267)	(1)	2,500,231	45
Total Nonoperating Revenues and (Expenses)	(262,662)	(802,241)	(1,220,767)	539,579	(67)	418,526	(34)
Income Before Other Revenues	7,705,908	7,241,596	4,322,839	464,312	6	2,918,757	68
Other Revenues	240,440	177,422	580,917	63,018	36	(403,495)	(69)
Increase in Net Position	7,946,348	7,419,018	4,903,756	527,330	7	2,515,262	51
Net Position, January 1	215,829,554	208,410,536	207,472,212	7,419,018	4	938,324	-
Net Position, December 31	\$ 223,775,902	\$ 215,829,554	\$ 212,375,968	\$ 7,946,348	4%	\$ 3,453,586	2%

### Operating Revenues

The following table presents a comparison of the operating revenues (in millions) for 2019 and 2018.

Operating Revenues	2019	2018	Increase (Decrease)	% Change
Water sales to general customers	\$ 25.24	\$ 25.82	\$ (0.58)	-2.25%
Raw water sales	10.71	10.12	0.59	5.83
Plant water investment fee	0.71	0.96	(0.25)	(26.04)
Other	2.95	3.14	(0.19)	(6.05)
Total	\$ 39.61	\$ 40.04	\$ (0.43)	1.07%

Revenue from potable water sales to general customers decreased in 2019 due to a decrease in consumption of 4.8% and a rate increase, effective January 1, 2019, designed to increase overall system water rate revenue by 3.50%. Changes in water consumption from year to year are generally directly related to changes in temperature and inversely related to changes in precipitation. Longer term changes in consumption are the result of changes in conservation habits on the part of customers and changes in the customer base.

Water sales to general customers in 2018 increased due to an increase in the volume of water sold (8.5 billion gallons sold in 2018 compared to 7.75 billion gallons sold in 2017). Revenue overall was also increased by a rate increase effective January 1, 2018, designed to increase overall system water rate revenue by 2.75%.

**BOARD OF WATER WORKS OF PUEBLO, COLORADO**  
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**Operating Expenses**

Over the past five years Pueblo Water has experienced a 7% increase in total operating costs, excluding depreciation and amortization. This represents a dollar increase of \$1.59 million when comparing operating expenses for 2019 with those in 2015. The majority of this increase can be attributed to increased energy costs for treating and pumping potable water.

There are three main categories of operating expenses. First, personnel services, which consists of salaries and benefits paid or accrued to or for Pueblo Water employees. Second, operation and maintenance, and third other operating expense which consists primarily of depreciation. The percentage of these categories as a relation to total operating expense has changed very little over the past five years. The following table illustrates the relationship of each category to total operating expense as a percentage for the past five years:

Operating Expenses	2019	2018	2017	2016	2015
Personnel services	47% <sup>1</sup>	53% <sup>2</sup>	54% <sup>3</sup>	48%	48%
Operation and maintenance	34%	31%	33%	33%	32%
Other operating expense	19%	16%	13%	19%	20%

<sup>1</sup>Includes an additional contribution to Pueblo Water's defined benefit pension plan of \$.75 million.

<sup>2</sup>Includes an additional contribution to Pueblo Water's defined benefit pension plan of \$1.75 million.

<sup>3</sup>Includes an additional contribution to Pueblo Water's defined benefit pension plan of \$1.6 million.

**Nonoperating Revenues and Expenses**

Nonoperating revenues and expenses include investment income, the sale of assets, interest expense on bonded indebtedness, and interest on a capital lease obligation. Nonoperating revenues and expenses increased by \$.54 million or 67% in 2019 compared to 2018. Comparing 2018 with 2017, nonoperating revenues and expenses increased by \$.42 million, or 34%. The increase in both years was a result of higher investment income and lower interest expense resulting from lower bonded indebtedness.

**Other Revenues**

Other revenues represent the contribution of infrastructure to the System by developers. The value of contributed infrastructure increased \$.63 million, or 36%, in 2019 when compared with 2018. Normally, differences from year to year are caused by the general level of construction activity in the Pueblo area.

**Long-Term Debt Activity**

For the period ending December 31, 2018, the only transactions involving long-term debt were the scheduled debt payments for the revenue bonds, loan and repayment contract and a capital lease. For the period ending December 31, 2019, the Board completed an advanced refunding of the 2009 Series taxable bonds resulting in new 2019 Series bonds and reducing the overall outstanding long-term debt. Information on the Board's long-term debt can be found in notes 8, 9, and 10 to the basic financial statements.

**Budgetary Process**

Pueblo Water's budget is determined by a variety of methods. The process begins in early August when divisional budget requests are submitted to the Director of Administrative Services. These requests are reviewed by senior management and subsequently used by the Director of Administrative Services to prepare a preliminary budget. The preliminary budget is then submitted to the Executive Director for review and input. In early October the preliminary budget is submitted to the Board of Directors for their input at which time it is made available for public inspection. The final budget, including all appropriate resolutions, is usually adopted at Pueblo Water's November Board meeting, and subsequently submitted to the State of Colorado Department of Local Affairs.

**BOARD OF WATER WORKS OF PUEBLO, COLORADO**  
**MANAGEMENT'S DISCUSSION AND ANALYSIS**  
**DECEMBER 31, 2019**

The following table illustrates Pueblo Water's General Fund 2019 Budget compared to actual as well as the 2020 Budget:

	2019 BUDGET	2019 ACTUAL	2020 BUDGET
<b>OPERATING REVENUES</b>			
Water sales - Metered	\$ 25,103,460	\$ 25,243,500	\$ 25,790,802
Water sales - Utility Private	6,275,446	6,275,430	6,495,070
Water sales - Raw water	2,488,871	3,215,187	2,924,527
Water sales - Utility Public	1,217,264	1,217,250	1,259,854
Taps and meters	55,000	71,523	55,000
Material sales	55,000	167,593	55,000
Main assessments	10,000	15,532	10,000
Fire protection - public	9,365	9,616	9,614
Discounts	1,500	1,184	1,500
Rental income	26,405	30,042	27,329
Late field reading fee	7,000	19,900	7,000
Turn-on fee	70,000	73,100	70,000
Check processing fee	15,000	12,765	15,000
Field collection fee	1,500	1,870	1,500
Missed appointment fee	1,500	2,700	1,500
Finance charges	1,000	8,739	1,000
Miscellaneous	602,699	719,869	601,751
Service line protection plan	420,000	432,622	420,000
Plant water investment fee	750,000	707,433	750,000
Insurance recovery	10,000	201	10,000
Comanche operations and maintenance reimbursement	500,000	504,143	500,000
Busk-Ivanhoe administration fee	25,000	25,000	25,000
Wastewater billing reimbursement	478,265	477,840	495,004
Stormwater billing reimbursement	206,879	207,384	214,120
Street repair collection fee	75,000	76,250	77,625
Total operating revenue	38,406,154	39,516,673	39,818,196
<b>NONOPERATING REVENUES</b>			
	6,711,926 <sup>1</sup>	(211,887) <sup>2</sup>	2,221,752 <sup>3</sup>
Total revenue	<u>\$ 45,118,080</u>	<u>\$ 39,304,786</u>	<u>\$ 42,039,948</u>
<b>EXPENDITURES</b>			
Personnel Services	\$ 16,150,637	\$ 15,763,113	\$ 16,372,295
Operation and Maintenance	11,381,488	10,344,881	11,332,764
Capital Outlay and Interfund Transfers	17,585,955	13,196,792	14,334,889
Total expenditures	<u>\$ 45,118,080</u>	<u>\$ 39,304,786</u>	<u>\$ 42,039,948</u>

<sup>1</sup>Includes \$ 2,160,539 in contributions from reserve

<sup>2</sup>Includes \$ 747,974 in contributions to reserve

<sup>3</sup>Includes \$ 1,863,335 in contributions from reserve

**BOARD OF WATER WORKS OF PUEBLO, COLORADO**  
**MANAGEMENT'S DISCUSSION AND ANALYSIS**  
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**Currently Known Facts, Decisions or Conditions**

This section outlines currently known facts, decisions, or conditions as of the date of the auditor's report that may have an effect on Pueblo Water's financial position (net position) or results of operations (revenue, expenses, and other changes in net position).

Below is a summary of material capital projects, not otherwise mentioned, Pueblo Water anticipates will be completed in 2020:

- Main improvement or expansion projects totaling \$2.68 million.
- Installation of hydroelectric power at the Whitlock Treatment Plant totaling approximately \$4 million.

Pueblo Water has met its goal to convert all meters to AMR and it is expected that these costs will continue as Pueblo Water plans to replace AMR meters every 10 to 12 years.

**Requests for Information**

This report is provided as a general overview of Pueblo Water's finances. Questions concerning any of the information provided in this report or request for additional financial information should be addressed to:

Finance Division Manager  
Board of Water Works of Pueblo, Colorado  
P. O. Box 400  
Pueblo, CO 81002-0400



BOARD OF WATER WORKS OF PUEBLO, COLORADO  
STATEMENTS OF NET POSITION  
DECEMBER 31, 2019 AND 2018

ASSETS		LIABILITIES AND NET POSITION	
	2019	2018	
<b>CURRENT ASSETS</b>			
Cash on hand and in banks (Note 2)	\$ 3,207,594	\$ 3,284,996	
Cash investments (Note 2)	19,014,868	17,541,868	
Money market funds	5,760,480	4,096,087	
Certificates of deposit			
Accounts receivable (Note 3)			
Customers--net of provision for uncollectible accounts of \$ 24,830 and \$ 21,738	4,726,310	4,277,594	
Inventories	712,950	729,550	
Prepaid items	510,004	419,700	
Accrued interest receivable	2,583	41,123	
Total current assets	33,934,789	30,390,918	
<b>RESTRICTED ASSETS</b>			
Cash investments (Note 2)	2,291,768	2,191,156	
Money market funds	-	22,950	
Accrued interest receivable	-	2,454,431	
Long-term investments			
Total restricted assets	2,291,768	4,668,537	
<b>CAPITAL ASSETS (NOTE 4)</b>			
Land	2,284,590	2,284,590	
Infrastructure	137,799,151	133,998,453	
Buildings	76,405,489	75,686,100	
Machinery and equipment	46,052,784	42,925,683	
Water rights	98,865,769	98,865,769	
Intangible software	9,566	9,566	
Construction in progress	2,419,906	2,139,336	
Less accumulated depreciation and amortization	363,837,255	355,909,497	
Total capital assets	122,542,260	117,224,543	
<b>OTHER NONCURRENT ASSETS</b>			
Long-term investments (Note 2)	241,294,995	238,684,954	
Total assets	499,685	2,313,460	
	278,021,237	276,057,869	
<b>DEFERRED OUTFLOWS OF RESOURCES (NOTES 5, 11 &amp; 13)</b>			
Unamortized discount	2,380	4,013	
Net difference between expected and actual experience and projected and actual earnings on pension plan investments and changes in assumptions for OPEB plan	3,308,730	3,685,018	
Deferred amount on refunding	815,438	341,912	
Total deferred outflows of resources	\$ 4,127,048	\$ 4,030,943	
<b>CURRENT LIABILITIES</b>			
Current maturities of long-term debt (Notes 8 & 9)	\$ 3,241,275	\$ 3,575,210	
Current maturities of obligation under capital lease (Note 10)	5,625	5,097	
Accounts payable (Note 16)	5,460,460	5,013,237	
Retainage withheld on construction contracts	92,235	51,222	
Construction deposit	127,549	124,606	
Current portion of accrued vacation payroll (Note 14)	382,704	364,444	
Customer meter deposits	761,998	773,894	
Unearned revenue	425,414	388,034	
Accrued liabilities			
Payroll	271,490	269,008	
Interest	19,297	21,081	
Sales taxes	657	485	
Total current liabilities	10,788,704	10,586,318	
<b>LONG-TERM LIABILITIES</b>			
Revenue bonds (Notes 8 & 9)	21,545,000	29,605,000	
(net of current maturities--\$2,845,000 and \$3,195,000)	3,819,684	469,686	
Unamortized bond premium			
Loan and repayment contract (Notes 8 & 9)			
(net of current maturities--\$396,275 and \$380,210)	4,284,054	4,680,379	
Obligation under capital lease (Note 10)			
(net of current maturities--\$5,625 and \$5,097)	494	6,120	
Net pension liability (Note 11)	6,582,902	10,031,079	
Accrued sick leave and vacation payroll (Note 14)			
(net of current portion--\$382,704 and \$564,444)	2,254,142	2,140,696	
Accrued payroll taxes on accrued sick leave and vacation payroll	201,719	191,643	
Total OPEB liability (Note 13)	4,959,491	4,513,618	
Total long-term liabilities	43,647,486	51,638,171	
<b>LIABILITIES PAYABLE FROM RESTRICTED ASSETS (NOTE 17)</b>			
Total liabilities	271,235	296,104	
	54,707,425	62,520,593	
<b>DEFERRED INFLOWS OF RESOURCES</b>			
Net difference between projected and actual earnings on pension plan investments (Notes 5, 11 & 13)	3,419,183	1,469,021	
Deferred revenue (Note 7)	245,775	269,644	
Total deferred inflows of resources	3,664,958	1,738,665	
<b>NET POSITION (Note 24)</b>			
Net investment in capital assets (Note 21)	209,217,181	200,689,437	
Restricted for debt service	2,020,533	4,372,433	
Unrestricted	12,538,188	10,767,684	
Total net position	\$ 223,775,902	\$ 215,829,554	

The accompanying notes are an integral part of the financial statements

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET POSITION  
FOR THE YEARS ENDED DECEMBER 31, 2019 AND 2018

	2019	2018
OPERATING REVENUES	\$ 39,540,542	\$ 40,044,876
OPERATING EXPENSES		
Personnel services and operation and maintenance		
Source of supply, pumping, treatment and distribution	11,939,259	11,964,414
General and administrative	11,335,082	11,972,953
Customer service	2,240,512	2,191,139
Depreciation and amortization	6,057,119	5,872,533
Total operating expenses	31,571,972	32,001,039
NET OPERATING REVENUE	7,968,570	8,043,837
NONOPERATING REVENUES AND (EXPENSES)		
Investment income		
Interest income	712,888	609,587
Realized gain (loss) on investments	55,019	389
Unrealized gain (loss) on investments	8,225	(57,164)
Sale of assets	62,901	84,207
Interest expense on bonded indebtedness	(1,100,811)	(1,437,898)
Interest expense on capital lease obligation	(884)	(1,362)
Total nonoperating revenues and (expenses)	(262,662)	(802,241)
INCOME BEFORE OTHER REVENUES	7,705,908	7,241,596
OTHER REVENUES		
Contributions to capital assets (Note 22)	240,440	177,422
INCREASE IN NET POSITION	7,946,348	7,419,018
NET POSITION, JANUARY 1 (Note 24)	215,829,554	212,375,968
NET POSITION, DECEMBER 31	\$ 223,775,902	\$ 215,829,554

The accompanying notes are an integral part of the financial statements

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
STATEMENTS OF CASH FLOWS  
FOR THE YEARS ENDED DECEMBER 31, 2019 AND 2018

	2019	2018
CASH FLOWS FROM OPERATING ACTIVITIES		
Receipts from customers	\$ 37,587,069	\$ 37,971,228
Payments to employees	(10,203,650)	(10,270,513)
Payments to suppliers	(11,718,093)	(12,382,929)
Other receipts (payments)	(1,751,001)	(2,673,670)
Net cash provided by operating activities	<u>13,914,325</u>	<u>12,644,116</u>
CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES		
Interest paid on meter deposits	<u>(1,784)</u>	<u>(2,032)</u>
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES		
Acquisition and construction of capital assets	(8,876,400)	(9,733,995)
Proceeds from sales of capital assets	62,901	84,207
Proceeds from new revenue bonds	18,595,000	-
Principal payments on revenue bonds and notes	(27,385,210)	(3,494,145)
Principal payments on capital lease obligation	(5,098)	(4,617)
Interest payments on revenue bonds and notes	1,751,925	(1,495,830)
Interest payments on capital lease obligation	(884)	(1,362)
Net cash provided by (used for) capital and related financing activities	<u>(15,857,766)</u>	<u>(14,645,742)</u>
CASH FLOWS FROM INVESTING ACTIVITIES		
Maturities of investments	4,331,450	4,656,000
Interest received on investments	<u>774,378</u>	<u>628,906</u>
Net cash provided by (used for) investing activities	<u>5,105,828</u>	<u>5,284,906</u>
NET INCREASE (DECREASE) IN CASH	3,160,603	3,281,248
CASH AND CASH EQUIVALENTS AT BEGINNING OF YEAR	<u>27,114,107</u>	<u>23,832,859</u>
CASH AND CASH EQUIVALENTS AT END OF YEAR	<u>\$ 30,274,710</u>	<u>\$ 27,114,107</u>

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
STATEMENTS OF CASH FLOWS  
FOR THE YEARS ENDED DECEMBER 31, 2019 AND 2018

	<u>2019</u>	<u>2018</u>
CASH AND CASH EQUIVALENTS AT END OF YEAR		
REPRESENTED BY		
Cash on hand and in banks	\$ 3,207,594	\$ 3,284,996
Money market funds	19,014,868	17,541,868
Certificates of deposit	5,760,480	4,096,087
Restricted assets		
Money market funds	<u>2,291,768</u>	<u>2,191,156</u>
 Total	 <u>\$ 30,274,710</u>	 <u>\$ 27,114,107</u>
 RECONCILIATION OF OPERATING INCOME TO NET CASH PROVIDED BY OPERATING ACTIVITIES		
Net operating revenue	\$ 7,968,570	\$ 8,043,837
Adjustments to reconcile net operating revenue to net cash provided by operating activities		
Depreciation and amortization	6,057,119	5,872,532
Loss on abandonment of assets	166,681	133,312
Noncash portion of pension expense	(784,107)	(1,387,029)
Noncash portion of OPEB expense	108,253	74,715
Amortization of deferred revenue	(23,869)	(23,869)
Changes in assets and liabilities		
(Increase) decrease in accounts receivable	(448,716)	(667,021)
(Increase) decrease in inventories	16,600	94,739
(Increase) decrease in prepaid items	(90,304)	(3,642)
Increase (decrease) in accrued sick leave and vacation payroll	131,706	(76,516)
Increase (decrease) in accrued payroll taxes on accrued sick leave and vacation payroll	10,076	(5,854)
Increase (decrease) in unearned revenue	37,380	215,288
Increase (decrease) in accounts payable	774,178	393,153
Increase (decrease) in customer meter deposits	(11,896)	(26,746)
Increase (decrease) in accrued liabilities	<u>2,654</u>	<u>7,217</u>
Net cash provided by operating activities	<u>\$ 13,914,325</u>	<u>\$ 12,644,116</u>

SUPPLEMENTAL SCHEDULE OF NONCASH INVESTING, CAPITAL AND FINANCING ACTIVITIES

Contributions to utility plant from various developer installed facilities and other governments for 2019 and 2018 were \$240,440 and \$ 177,422, respectively.

The accompanying notes are an integral part of the financial statements

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
NOTES TO FINANCIAL STATEMENTS  
DECEMBER 31, 2019 AND 2018

Note 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Reporting Entity

The five member board (“Elected Board”) of the Board of Water Works of Pueblo, Colorado (“Pueblo Water”) is elected by the citizens of Pueblo and operates a municipal water works system that provides water service to the City of Pueblo, Colorado and adjacent areas. The City’s charter provides that title to the properties of the system is in the name of the City of Pueblo, Colorado, but that the entire control, management and operation of the system shall be exercised by Pueblo Water, over which the City Council shall have no jurisdiction or control. In addition, the charter provides that the City of Pueblo, Colorado shall adopt all ordinances requested by Pueblo Water which shall be reasonably necessary in the management of the system.

Pueblo Water’s mission statement commits the utility to provide the highest quality of water at the lowest possible cost, with an equal commitment to the work force that helps achieve that goal. The utility strives to create and maintain an environment that encourages and recognizes teamwork, individual contribution, and the integrity of each employee.

In November 1995, voters approved an amendment to the Charter of the City of Pueblo, Colorado that makes explicit the fact that Pueblo Water does not have directly, or indirectly, the right to levy taxes. Throughout its history, Pueblo Water has never levied taxes, always operating from revenues raised from the provision of water to the citizens of Pueblo, other municipalities, and to industries and farmers.

By removing the authority to levy taxes, the voters affirmed the enterprise status in relation to Amendment One, also known as the Taxpayer’s Bill of Rights (TABOR). Amendment One was never intended to apply to enterprise activities such as Pueblo Water but some confusion existed as to whether a governmental entity having the ability to levy a tax could also be considered an exempt entity under TABOR provisions. Pueblo Water’s status is now very clear following the citizens’ affirmative vote.

Pueblo Water has a five-member governing body, which is elected by the citizens of Pueblo for overlapping six-year terms. In evaluating how to define Pueblo Water, for financial reporting purposes, management has considered all potential component units. In accordance with Governmental Accounting Standards Board (“GASB”) Statements No. 14, *The Financial Reporting Entity*, and 39, *Determining Whether Certain Organizations Are Component Units*, an amendment of GASB Statement No. 14, Pueblo Water is classified as an “other stand-alone government” since Pueblo Water is a legally separate and distinct entity from the City of Pueblo under the Charter of the City, and the City is not financially accountable for Pueblo Water.

Pueblo Water has no component units as defined in GASB Statements No. 14 and 39 and amended by Statement No. 61. However, Pueblo Water is party to an Intergovernmental Agreement with the City of Aurora, Colorado forming the Busk-Ivanhoe Water System Authority (originally referred to as the Busk-Ivanhoe Water System). The Busk-Ivanhoe Water System was originally created in 1971 as a joint venture, when Pueblo Water and the City of Aurora, Colorado each bought approximately fifty percent of the water rights of the High Line Canal Company. Although originally no formal organization was established, the System was created as a joint venture between the two purchasers for the purpose of maintaining the water collection system and collecting and distributing the water pertaining to the water rights acquired by the two parties. Effective January 1, 2008, an Intergovernmental Agreement was established to create the Busk-Ivanhoe Water System Authority as a governmental entity separate from Pueblo Water and Aurora, pursuant to Section 18(2)(a) and (b) of Article XIV, Constitution of the State of Colorado, and to Part 2 of Article 1 of Title 29, Colorado Revised Statutes, to effect the development, operation, maintenance, and capital improvement of the Busk-Ivanhoe Water System. Pueblo Water and the City of Aurora each pay an annual assessment to the Authority. For the years ended December 31, 2019 and 2018, Pueblo Water and the City of Aurora paid assessments of \$225,000 and \$225,000, respectively. Complete financial statements for the Busk-Ivanhoe Water System Authority can be obtained from Pueblo Water.

Measurement Focus and Basis of Accounting

Pueblo Water’s financial statements are accounted for on the flow of economic resources measurement focus, using the accrual basis of accounting. Under this method, all assets and liabilities associated with operations are included on the statement of net position, revenues are recorded when earned, and expenses are recorded at the time liabilities are incurred.

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
NOTES TO FINANCIAL STATEMENTS  
DECEMBER 31, 2019 AND 2018

Accounting Standards

Pueblo Water applies all applicable pronouncements of the GASB.

Use of Estimates

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

Annual Budget

Pueblo Water annually adopts a budget for the following year. This process begins in early August when divisional budget requests are submitted to the Director of Administrative Services. These requests are reviewed by senior management, following which the Director of Administrative Services prepares a preliminary budget for the entire entity and submits it to the Executive Director for review and input in relation to the anticipated revenues and Pueblo Water's ten year plan. In early October, the preliminary budget is submitted to the Elected Board for its input, and it is also made available for public inspection at that time. The final budget, including all of the appropriate resolutions, is usually adopted at the Elected Board's November meeting, and it is then submitted to the State of Colorado Department of Local Affairs. The actual results of operations are presented in accordance with generally accepted accounting principles which differ in certain respects from those practices used in the preparation of the budget. For purposes of preparing budget comparisons in this report, actual results of operations have been adjusted to a basis consistent with the budgeted revenues and expenditures.

Restricted for Debt Service

Net assets restricted for debt service consist of the revenue bonds debt service fund included in cash investments. The revenue bonds debt service fund is used to pay principal and interest on the revenue bonds as they come due.

Cash

For purposes of the statements of cash flows, certificates of deposit and money market funds are considered to be cash equivalents.

Investments

Pueblo Water's investments consist of U.S. Treasury and agency notes and bonds. The method of valuation for all investments is fair market value.

Materials and Supplies Inventory

Inventories are valued on the weighted average method, which approximates lower of cost or market.

Capital Assets

Purchased and constructed capital assets are recorded at cost. Donated capital assets are recorded at their estimated fair market value on the date received. Net interest costs incurred during periods of construction are capitalized as part of the cost of the asset. Assets are capitalized if they have a cost of \$5,000 or more and have a useful life of more than one year. Depreciation or amortization of capital assets is computed on the straight-line method based on estimated service lives of properties by classes. Estimated useful lives used in computing depreciation or amortization are as follows:

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
NOTES TO FINANCIAL STATEMENTS  
DECEMBER 31, 2019 AND 2018

	<u>Years</u>
Structures and improvements, reservoirs, intakes and mains	40-50
Pumping equipment	40
Meters, valves, hydrants, taps, water treating equipment and wells	25
Heavy equipment, office furniture and equipment, computer equipment, pump plant controller, cathodic protection for lines and tanks, miscellaneous department equipment	5-10
Transportation equipment	4
Intangible software	10

Maintenance and repairs are charged to expense as incurred, whereas major betterments are capitalized and depreciated or amortized. At the time of retirement or disposition of depreciable property, the related cost and accumulated depreciation are removed from the accounts, and the resulting gain or loss is reflected in either operating expense (loss) or nonoperating revenues (gain).

Costs of certain engineering, feasibility, environmental and other studies are capitalized until the related projects become operational. When projects become operational, the costs are transferred to property, plant, and equipment and depreciated over the estimated useful life of the asset. In the event the projects do not become operational or the costs do not benefit future projects, all accumulated costs are expensed in the period such determination is made.

#### Capital Contributions

Capital contributions consist of capital infrastructure received from property owners, governmental agencies, and customers who receive benefit from such assets. Contributions are recognized in the statement of revenues, expenses, and changes in net assets as capital contributions, when earned. Contributions are recognized at fair market value at the time of contribution.

#### Employee Compensated Absences

Pueblo Water's policy is to accrue as an expense and liability employee vacation, sick leave and other compensated absences when the employee vests in such benefits.

#### Pensions

For purposes of measuring the net pension liability and deferred outflows/ inflows of resources related to pensions, and pension expense, information about the net position of the Retirement Plan for Employees of the Board of Water Works of Pueblo, Colorado (Plan) and additions to/ deductions from the Plan's net position have been determined on the same basis as they are reported by the Plan. For this purpose, benefit payments are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair market value.

#### Operating Revenues and Expenses

Operating revenues consist primarily of charges to customers for potable and non-potable water. Operating expenses consist of the cost of providing water, including administrative expenses and depreciation on capital assets and amortization. All other revenues and expenses are classified as nonoperating. Unbilled revenue, which results from cycle billing practices, is recorded in the following year.



BOARD OF WATER WORKS OF PUEBLO, COLORADO  
NOTES TO FINANCIAL STATEMENTS  
DECEMBER 31, 2019 AND 2018

Rates and Fees

Consumption and service charges:

On November 19, 2019, Pueblo Water approved a rate increase, effective January 1, 2020, of 3.50%.

On November 20, 2018, Pueblo Water approved a rate increase, effective January 1, 2019, of 3.50%.

Plant Water Investment Fees:

On December 17, 2019, Pueblo Water approved a rate increase, effective May 1, 2020, of 3.50%.

On December 18, 2018, Pueblo Water approved a rate increase, effective May 1, 2019, of 3.50%.

Employee Relations

Pueblo Water and Local 1045 of the American Federation of State, County and Municipal Employees (AFL-CIO) adopted a working policy for the period of January 1, 2020 through December 31, 2020. Approximately 69% of the Board's employees are members of Local 1045.

Recently Issued Accounting Standards

In 2018, Pueblo Water implemented GASB Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*. The most significant impact of this statement was recording the total liability and deferred inflows and outflows of resources related to other postemployment benefits as well as additional note disclosures.

Note 2 – DEPOSITS AND INVESTMENTS

Custodial Credit Risk - Deposits

Custodial credit risk for deposits is the risk that in the event of a bank failure, Pueblo Water's deposits may not be returned. All Pueblo Water deposits are either insured by FDIC or covered by the Colorado Public Deposit Protection Act ("PDPA") and are therefore not exposed to custodial credit risk. The PDPA requires that all units of local government deposit cash in eligible public depositories. Eligibility is determined by the State of Colorado. Amounts in excess of Federal insurance must be collateralized. The eligible collateral is determined by the Public Deposit Protection Act. This act allows the 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 uninsured public deposits as a group. The market value of the collateral must be at least equal to 102% of the uninsured deposits. Cash investments shown as restricted assets on the statement of net position consist of funds restricted for the service of long-term debt.

Colorado Statutes and Pueblo Water's investment policy authorize Pueblo Water to purchase the following type of investments:

- U.S. Government direct obligations and unconditionally guaranteed federal agency securities
- Other Federal agency securities that have a liquid market with a readily determinable market value
- Certificates of deposit at financial institutions
- Commercial paper, rated in the highest tier
- Investment-grade obligations of state, provincial and local governments and public authorities
- Money market mutual funds and local government investment pools

**BOARD OF WATER WORKS OF PUEBLO, COLORADO**  
**NOTES TO FINANCIAL STATEMENTS**  
**DECEMBER 31, 2019 AND 2018**

Pueblo Water's investments (current and long-term) at December 31, 2019 and 2018, and their maturities were as follows:

Current and Long-Term Investments As of December 31, 2019				
Investment Type	Fair Value	Investment Maturities (in years)		
		Less Than 1	1 - 5	6 - 10
U.S. agencies	\$ 499,685	\$ -	\$ 499,685	\$ -
Money market funds (not considered securities)	21,306,636	21,306,636	-	-
Certificates of deposit	5,760,480	5,760,480	-	-
Total	<u>\$ 27,566,801</u>	<u>\$ 27,067,116</u>	<u>\$ 499,685</u>	<u>\$ -</u>

*For purposes of the statement of cash flows, certificates of deposit and money market funds are considered to be cash equivalents*

Current and Long-Term Investments As of December 31, 2018				
Investment Type	Fair Value	Investment Maturities (in years)		
		Less Than 1	1 - 5	6 - 10
U.S. agencies	\$ 4,767,891	\$ -	\$ 2,313,460	\$ 2,454,431
Money market funds (not considered securities)	19,733,024	19,733,024	-	-
Certificates of deposit	4,096,087	4,096,087	-	-
Total	<u>\$ 28,597,002</u>	<u>\$ 23,829,111</u>	<u>\$ 2,313,460</u>	<u>\$ 2,454,431</u>

*For purposes of the statement of cash flows, certificates of deposit and money market funds are considered to be cash equivalents*

**Interest Rate Risk**

As a means of limiting its exposure to fair value losses arising from rising interest rates, Pueblo Water's investment policy provides for structuring the portfolio so that securities mature concurrent with cash flow requirements. Unless matched to a specific cash flow, Pueblo Water will not directly invest in securities maturing more than five years from the date of purchase.

**Credit Risk**

Pueblo Water limits the purchase of commercial paper and corporate bonds to those rated in the highest tier by a nationally recognized rating agency. As of December 31, 2019 and 2018, Pueblo Water had no direct investments in commercial paper or corporate bonds. While the Insured Cash Sweep (ICS) and the Stifel Insured Bank Program are not rated money market funds, they are fully insured by the FDIC. As of December 31, 2019 and 2018, Pueblo Water had the following money market fund investments:

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
NOTES TO FINANCIAL STATEMENTS  
DECEMBER 31, 2019 AND 2018

Money Market Fund	2019	2018	Ratings		
			Moody's	Fitch	S&P
Colostrust Plus+	\$ 21,306,585	\$ 19,694,532	Aaa	AAA/VI-	AAAm
Ameriprise Insured Bank Program	51	-	n/a	n/a	n/a
WF Prime Invest MM Fund	-	38,492	Aaa	n/a	AAAm
Total	<u>\$ 21,306,636</u>	<u>\$ 19,733,024</u>			

Concentration of Credit Risk

Pueblo Water places no limit on the amount invested in any one issuer. The amount of investments that represent 5% or more of Pueblo Water's investments as of December 31, 2019 (\$1,378,340) can be determined from the above information.

Fair Value

Pueblo Water categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the asset. Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are valued using a matrix pricing technique. Matrix pricing is used to value securities based on the securities' relationship to benchmark quoted process; Level 3 inputs are significant unobservable inputs. Pueblo Water has the following recurring fair value measurements as of December 31, 2019 and 2018:

Investments Measured at Fair Value  
As of December 31, 2019

	12/31/2019	Fair Value Measurements Using		
		Level 1	Level 2	Level 3
Investments by fair value level:				
U.S. agencies	\$ 499,685	\$ -	\$ 499,685	\$ -
Money market funds (measured at net asset value)	21,306,636			
Certificates of deposit	5,760,480			
Total money market funds and certificates of dep	<u>\$ 27,067,116</u>			
Total investments	<u>\$ 27,566,801</u>			

Investments Measured at Fair Value  
As of December 31, 2018

	12/31/2018	Fair Value Measurements Using		
		Level 1	Level 2	Level 3
Investments by fair value level:				
U.S. agencies	\$ 4,767,891	\$ -	\$ 4,767,891	\$ -
Money market funds (measured at net asset value)	19,733,024			
Certificates of deposit	4,096,087			
Total money market funds and certificates of dep	<u>\$ 23,829,111</u>			
Total investments	<u>\$ 28,597,002</u>			

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
NOTES TO FINANCIAL STATEMENTS  
DECEMBER 31, 2019 AND 2018

Note 3 – ACCOUNTS RECEIVABLE

Accounts receivable at December 31, 2019 and 2018 are as described below. Receivables for City charges include wastewater, stormwater and street repair fees for which Pueblo Water bills, collects and remits to the City on a monthly basis. The uncollected sewer, stormwater and street repair fees charged to customers are carried as a receivable, and unremitted and uncollected sewer, stormwater and street repair fees are carried as a liability on the statement of net position. Other receivables include, non-potable water sales and construction related receivables. The allowance for uncollectible accounts is computed at one percent of customer receivables without considering receivables for City charges and customer overpayments at year end.

<u>Accounts Receivable</u>		
	<u>December 31,</u>	
	<u>2019</u>	<u>2018</u>
Receivables for treated water sales	\$ 688,958	\$ 685,146
Receivables for City charges	2,239,374	2,005,067
Receivables for nonpotable water sales	1,143,259	826,368
Other receivables	679,549	782,751
Allowance for uncollectible accounts	<u>(24,830)</u>	<u>(21,738)</u>
Total	<u>\$ 4,726,310</u>	<u>\$ 4,277,594</u>

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BOARD OF WATER WORKS OF PUEBLO, COLORADO  
NOTES TO FINANCIAL STATEMENTS  
DECEMBER 31, 2019 AND 2018

Note 4 – CAPITAL ASSETS

Capital asset activity for the years ended December 31, 2019 and 2018 were as follows:

Capital Assets For the Year Ended December 31, 2019				
	December 31, 2018	Additions & Transfers	Sales & Retirements	December 31, 2019
<u>Capital assets not being depreciated or amortized:</u>				
Land	\$ 2,284,590	\$ -	\$ -	\$ 2,284,590
Water rights	98,865,769	-	-	98,865,769
Construction in progress	2,139,336	812,605	(532,035)	2,419,906
Total capital assets not being depreciated	<u>103,289,695</u>	<u>812,605</u>	<u>(532,035)</u>	<u>103,570,265</u>
<u>Capital assets being depreciated or amortized:</u>				
Buildings and improvements	75,686,100	719,389	-	76,405,489
Infrastructure	133,998,453	4,210,465	(409,767)	137,799,151
Intangible software	9,566	-	-	9,566
Machinery and equipment	42,925,683	3,623,415	(496,314)	46,052,784
Total capital assets being depreciated	<u>252,619,802</u>	<u>8,553,269</u>	<u>(906,081)</u>	<u>260,266,990</u>
<u>Less accumulated depreciation and amortization:</u>				
Buildings and improvements	(34,113,363)	(1,499,244)	-	(35,612,607)
Infrastructure	(62,237,565)	(2,870,890)	248,155	(64,860,300)
Intangible software	(7,175)	(957)	-	(8,132)
Machinery and equipment	(20,866,440)	(1,686,028)	491,247	(22,061,221)
Total accumulated depreciation	<u>(117,224,543)</u>	<u>(6,057,119)</u>	<u>739,402</u>	<u>(122,542,260)</u>
Total capital assets being depreciated, net	<u>135,395,259</u>	<u>2,496,150</u>	<u>(166,679)</u>	<u>137,724,730</u>
Total capital assets, net	<u>\$ 238,684,954</u>	<u>\$ 3,308,755</u>	<u>\$ (698,714)</u>	<u>\$ 241,294,995</u>

**BOARD OF WATER WORKS OF PUEBLO, COLORADO**  
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Capital Assets  
For the Year Ended December 31, 2018

	December 31, 2017	Additions & Transfers	Sales & Retirements	December 31, 2018
<u>Capital assets not being depreciated or amortized:</u>				
Land	\$ 2,284,590	\$ -	\$ -	\$ 2,284,590
Water rights	98,865,769	-	-	98,865,769
Construction in progress	3,669,043	523,817	(2,053,524)	2,139,336
Total capital assets not being depreciated	<u>104,819,402</u>	<u>523,817</u>	<u>(2,053,524)</u>	<u>103,289,695</u>
<u>Capital assets being depreciated or amortized:</u>				
Buildings and improvements	72,769,202	2,916,898	-	75,686,100
Infrastructure	129,276,447	4,974,420	(252,414)	133,998,453
Intangible software	9,566	-	-	9,566
Machinery and equipment	40,279,039	3,338,597	(691,953)	42,925,683
Total capital assets being depreciated	<u>242,334,254</u>	<u>11,229,915</u>	<u>(944,367)</u>	<u>252,619,802</u>
<u>Less accumulated depreciation and amortization:</u>				
Buildings and improvements	(32,657,026)	(1,456,337)	-	(34,113,363)
Infrastructure	(59,647,526)	(2,792,249)	202,210	(62,237,565)
Intangible software	(6,218)	(957)	-	(7,175)
Machinery and equipment	(19,852,297)	(1,622,989)	608,846	(20,866,440)
Total accumulated depreciation	<u>(112,163,067)</u>	<u>(5,872,532)</u>	<u>811,056</u>	<u>(117,224,543)</u>
Total capital assets being depreciated, net	<u>130,171,187</u>	<u>5,357,383</u>	<u>(133,311)</u>	<u>135,395,259</u>
Total capital assets, net	<u>\$ 234,990,589</u>	<u>\$ 5,881,200</u>	<u>\$ (2,186,835)</u>	<u>\$ 238,684,954</u>

**Note 5 – DEFERRED OUTFLOWS OF RESOURCES**

Pueblo Water has three items, two of which are included in net investment in capital assets, which are classified as deferred outflows of resources under GASB statement No. 65. In connection with the loan agreement with Colorado Water Resources and Power Development Authority for \$9,558,795 (see Note 8 for further details), Pueblo Water received an original discount of \$25,212. The unamortized portion of the discount as of December 31, 2019 and 2018 was \$2,880 and \$4,013, respectively. Included with the May 3, 2005 issuance of \$28,575,000 in Water Revenue Refunding Bonds, Pueblo Water recorded an original deferred amount on refunding of \$2,574,088. The unamortized portion of the deferred amount on refunding as of December 31, 2014 was \$1,066,036. As explained further in Note 8, these bonds were refunded in 2015 and consequently the unamortized portion of the original deferred amount on refunding became a part of the calculation for the deferred amount on refunding of the refunding bonds issued in 2015. In connection with the August 6, 2015 issuance of \$16,430,000 in Water Revenue Refunding Bonds, Pueblo Water recorded an original deferred amount on refunding of \$731,312. In connection with May 15, 2019 issuance of \$18,595,000 in Water Revenue Refunding Bonds, Pueblo Water recorded an original deferred amount on refunding of \$623,890.

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
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The unamortized portion of the deferred amount on refunding as of December 31, 2019 and 2018 is shown in the following table:

Unamortized Deferred Amount on Refunding		
	December 31,	
	2019	2018
Series 2015	\$ 227,941	\$ 341,912
Series 2019	587,497	-
Total	<u>\$ 815,438</u>	<u>\$ 341,912</u>

As detailed in Note 11, Pueblo Water implemented GASB Statement No. 68, *Accounting and Financial Reporting for Pensions: an amendment of GASB Statement No. 27*. The pronouncement requires Pueblo Water to record the net difference between projected and actual earnings on pension plan investments as a deferred outflow on the statement of net position.

As detailed in Note 13, Pueblo Water implemented GASB Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*. The pronouncement requires Pueblo Water to record the changes in assumptions as a deferred outflow on the statement of net position.

The deferred outflows related to pension and OPEB plans for December 31, 2019 and 2018 are as follows:

Pension and OPEB Related Deferred Outflows		
	December 31,	
	2019	2018
Net difference between expected and actual experience and projected and actual earnings on pension plan investments	\$2,995,319	\$3,685,018
Difference in changes in assumptions related to the OPEB plan	<u>313,411</u>	<u>-</u>
Total	<u>\$3,308,730</u>	<u>\$3,685,018</u>

Note 6 – RISK MANAGEMENT

Pueblo Water is exposed to various risks of losses including torts, general liability (limited under the Colorado Governmental Immunity Act to \$350,000 per person and \$990,000 per occurrence), and property damage. It is the policy of Pueblo Water to purchase commercial insurance, including worker's compensation, for the risks of loss to which it is exposed. Under this arrangement, Pueblo Water assumes the risk for the amount of loss where sound risk management principles and prior loss experience indicate a premium savings greater than exposures assumed.

Note 7 – DEFERRED REVENUE

In 1990 and 1995, Pueblo Water acquired water rights from the State of Colorado and the City of Pueblo, Colorado, respectively, in exchange for supplying a certain amount of water each future year. In 1992 and 2004, Pueblo Water acquired water rights from individuals in exchange for supplying a certain amount of water each future year. The value of these water rights was determined based upon the fair market value of the rights acquired. The deferred income from these acquisitions is being amortized over forty years and pursuant to GASB statement No. 65 is classified as a deferred inflow of resources.

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
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Note 8 – BONDS PAYABLE

Revenue Bonds

The bond agreements contain various restrictive covenants and requirements, including a rate covenant, maintenance of a three month operating reserve, debt service requirements and compliance with an additional bond and /or indebtedness test.

Series 2019

On May 15, 2019, Pueblo Water issued \$18,595,000 in Water Revenue Refunding Bonds; Series 2019 with interest rates between 2% and 5% to advance refund Pueblo Water's outstanding Water Revenue Bonds (Build America Bond -- Direct Payment to Issuer), Series 2009, originally issued in the principal amount of \$25,870,000. The Series 2009, which mature on or after November 1, 2019 in the aggregate of \$24,245,000, with interest rates between 4.3% and 5.7%. The net proceeds of \$24,636,779 were used to purchase U.S. government securities. Those securities were deposited with U.S. Bank, the escrow agent, to provide all future debt service payments on the refunded bonds. As a result, the refunded bonds are considered to be defeased and the liability for those bonds has been removed from the long-term debt.

Series 2015

On August 6, 2015, Pueblo Water issued \$16,430,000 in Water Revenue Refunding Bonds; Series 2015 with interest rates between 2% and 4%, to advance refund Pueblo Water's outstanding Water Revenue Refunding Bonds, Series 2005, originally issued in the principal amount of \$28,575,000. The Series 2005 which mature on or after November 1, 2015 in the aggregate amount of \$17,075,000, with interest rates between 4.5% and 5%, were refunded. The net proceeds of \$17,434,606.50 were used to purchase U.S. government securities. Those securities were deposited with Wells Fargo Bank, the escrow agent, to provide all future debt service payments on the refunded bonds. As a result, the refunded bonds are considered to be defeased and the liability for those bonds has been removed from the long-term debt.

Series 2009

On October 22, 2009, Pueblo Water issued \$25,870,000 in Taxable Water Revenue Bonds (Build America Bond -- Direct Payment to Issuer); Series 2009 were issued in three term bonds with rates between 4.3% and 5.7%. The Bonds were issued, together with proceeds from the sale of the Columbine Ditch, to purchase water rights from various shareholders of the Bessemer Irrigating Ditch Company. Interest payments are due semi-annually on May 1 and November 1 through 2029 with principal payments due annually on November 1. As stated above \$24,245,000 of these bonds were advance refunded on May 15, 2019. The amount of defeased debt outstanding as of December 31, 2019 was \$23,810,000.

Series 2005

On May 3, 2005, Pueblo Water issued \$28,575,000 in Water Revenue Refunding Bonds; Series 2005 with interest rates between 3.5% and 5.25%, to advance refund a portion of Pueblo Water's outstanding Water System Improvement Revenue Bonds, Series 2000A, originally issued in the principal amount of \$38,885,000. The Series 2000A Bonds which mature on or after November 1, 2011 in the aggregate amount of \$27,195,000, with interest rates between 5.75% and 6.0%, were refunded. The Series 2000A Bonds maturing in the years 2005 through 2010 were not refunded. The net proceeds of \$29,699,885 were used to purchase U.S. government securities. Those securities were deposited with American National Bank, the escrow agent, to provide all future debt service payments on the refunded bonds. As a result, the refunded bonds are considered to be defeased and the liability for those bonds has been removed from the long-term debt. Effective December 15, 2009, Pueblo Water removed American National Bank as paying agent for the 2005 series and hired Wells Fargo Bank, National Association as paying agent. As stated above \$17,075,000 of these bonds were advance refunded on August 6, 2015. The amount of defeased debt outstanding as of December 31, 2019 and 2018 was \$6,235,000 and \$9,130,000, respectively.



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A summary of debt maturity for the revenue bonds as of December 31, 2019, is as follows:

Revenue Bonds As of December 31, 2019			
	Principal	Interest	Total
<u>Year of Maturity:</u>			
Current	\$ 2,845,000	\$ 1,054,500	\$ 3,899,500
Long-term:			
2021	2,950,000	948,200	3,898,200
2022	-	859,700	859,700
2023	2,225,000	859,700	3,084,700
2024	2,335,000	748,450	3,083,450
2025 - 2028	10,950,000	2,018,250	12,968,250
2029	3,085,000	154,250	3,239,250
	21,545,000	5,588,550	27,133,550
Plus premium	3,819,684	-	3,819,684
Total long-term	25,364,684	5,588,550	30,953,234
	<u>\$ 28,209,684</u>	<u>\$ 6,643,050</u>	<u>\$ 34,852,734</u>

Loan Agreement

On April 15, 2000, Pueblo Water entered into a loan agreement with Colorado Water Resources and Power Development Authority for \$9,558,795. Interest at 4.60% and principal payments are due semi-annually on February 1 and August 1, through 2022.

A summary of debt maturity for the loan agreement as of December 31, 2019, is as follows:

Loan Agreement As of December 31, 2019			
	Principal	Interest	Total
<u>Year of Maturity:</u>			
Current	\$ 396,275	\$ 229,164	\$ 625,439
Long-term:			
2021	412,340	215,178	627,518
2022	3,871,714	199,471	4,071,185
Total long-term	4,284,054	414,649	4,698,703
	<u>\$ 4,680,329</u>	<u>\$ 643,813</u>	<u>\$ 5,324,142</u>

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
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Note 9 – CHANGES IN LONG-TERM LIABILITIES

Long-term liability activity for the year ended December 31, 2019 was as follows:

Long-Term Liabilities For the Year Ended December 31, 2019					
	December 31, 2018 (Current and Long-Term)	Additions	Reductions	December 31, 2019 (Current and Long-Term)	Due Within One Year
Revenue bonds	\$ 32,800,000	\$ 18,595,000	\$ (27,005,000)	\$ 24,390,000	\$ 2,845,000
Unamortized bond premium	469,686	3,723,780	(373,782)	3,819,684	-
Loan and repayment contract, net	5,060,539	-	(380,210)	4,680,329	396,275
Capital lease obligation	11,217	-	(5,098)	6,119	5,625
Net pension liability	10,031,079	-	(3,448,177)	6,582,902	-
Accrued sick and vacation leave	2,505,140	1,021,052	(889,346)	2,636,846	382,704
Accrued payroll taxes on accrued leave	191,643	78,111	(68,035)	201,719	-
Net OPEB liability	4,513,618	445,873	-	4,959,491	-
	<u>55,582,922</u>	<u>\$ 23,863,816</u>	<u>\$ (32,169,648)</u>	<u>47,277,090</u>	<u>\$ 3,629,604</u>
Less current portion	(3,944,751)			(3,629,604)	
Total long-term liabilities	<u>\$ 51,638,171</u>			<u>\$ 43,647,486</u>	

Note 10 – LEASE

Capital Lease

Pueblo Water has entered into a lease agreement for financing office equipment in February 2016.

This lease agreement qualifies as a capital lease for accounting purposes and has been recorded at the present value of the future minimum lease payments as of the inception date. The present value of the minimum lease payments at the beginning of the lease term, was \$23,509, and Pueblo Water recorded an asset and obligation under capital lease of that amount. The assets acquired under this lease by major asset class, recorded in machinery and equipment, are as follows:

Assets Under Capital Lease			
	December 31,		
	2019	2018	
Machinery and equipment	\$ 23,509	\$ 23,509	
Less: accumulated depreciation	(8,228)	(5,877)	
	<u>\$ 15,281</u>	<u>\$ 17,632</u>	

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
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Minimum capital lease payments were \$5,981 and \$5,981 during 2019 and 2018. The following is a schedule by year of future minimum lease payments, together with the present value of the minimum lease payments as of December 31, 2019:

Obligation Under Capital Lease As of December 31, 2019	
<u>Year Ending December 31:</u>	
2020	5,981
2021	<u>498</u>
Total minimum lease payments	6,479
Less interest at 9.904%	<u>(360)</u>
Present value of minimum lease payments (obligation under capital lease)	6,119
Less current portion	<u>(5,625)</u>
Total long-term	<u>\$ 494</u>

Note 11 – PENSION PLAN

Plan Description

Pueblo Water contributes to the Retirement Plan for Employees of the Board of Water Works of Pueblo, Colorado, a single-employer defined benefit retirement plan that is administered by Innovest Portfolio Solutions, with benefit payments administered by AXA Equitable. At the November 21, 2017 board meeting, Pueblo Water engaged the services of Innovest Portfolio Solutions to manage the Plan's portfolio and subsequently moved the custodian of plan assets from LPL Financial to Charles Schwab Institutional effective December 29, 2017. The Plan provides retirement benefits to plan members and or their beneficiaries. Members of the Plan include substantially all regular full-time employees of Pueblo Water. The Plan does issue a separate financial report.

Benefits Provided

Pueblo Water provides retirement benefits to eligible employees and beneficiaries. The amount of the ultimate retirement benefit is based upon annual accruals equal to either 2.3% or 2.1% of base monthly salary. Effective April 1, 2015 only those employees who were eligible to retire as of March 31, 2015 continue to accrue at a rate of 2.3% of base monthly salary. The accrual rate for all other employees was reduced to 2.1%. In addition, for those that qualify for annual accruals equal to 2.1% of monthly base salary, future salary increases, for the purpose of calculating the benefit cannot exceed 3.5%. Employees are vested in the Plan after five years of credited service. Members with fifteen years of service are eligible to retire at either age 60 or age 55 with reduced benefits depending on the date they became vested. Members who have either reached age 65 or the total of their age and credited years of service is equal to or greater than 90 are eligible for their full benefit.

The Plan provides the opportunity of a "bonus" based upon the annualized return of the Plan's investments. If the annualized return for the previous five year period exceeds 7.5%, retirees receive a one-time bonus equal to a minimum of \$100 or a maximum of 3% of the annual pension amount.

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
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Employees Covered

At December 31, 2019, the following employees were covered by the benefit terms of the Plan:

Employees Covered	
Inactive employees or beneficiaries currently receiving benefits	117
Inactive employees entitled to but not yet receiving benefits	8
Active employees	<u>135</u>
Total	<u>260</u>

Contributions

Pueblo Water's funding policy is established and may be amended by the Elected Board, which acts as trustee of the Plan. The Plan's funding policy provides for periodic Pueblo Water contributions of actuarially determined amounts sufficient to accumulate the necessary assets to pay benefits when due. Pueblo Water solicits an actuary to determine the contribution amounts on a biennial basis. These required contributions may vary over time and are not expressed in terms of fixed dollar amounts or as a percentage of annual covered payroll. Plan members are not required to make contributions. It is the intention of Pueblo Water to continue the Plan and make contributions that are necessary to maintain the Plan on a sound actuarial basis. Currently Pueblo Water intends to contribute no less than \$1,300,000 to the plan annually through 2024, then reverting to annual amounts equal to the actuarial required contribution. However, subject to the provisions of Article 10 of the Plan, Pueblo Water may discontinue contributions for any reason at any time. Pueblo Water's contribution to the Plan for the years ended December 31, 2019 and 2018 was \$2,164,710 and \$3,164,710, respectively.

Net Pension Liability

Pueblo Water's net pension liability for the Plan is measured as the total pension liability, less the Plan's fiduciary net position. The net pension liability of the Plan is measured as of December 31, 2019, using an actuarial valuation as of January 1, 2019. A summary of principal assumptions and methods used to determine the net pension liability is shown below:

Actuarial Assumptions	
Valuation Date	January 1, 2019
Measurement Date	December 31, 2019
Actuarial Cost Method	Entry Age Normal
Actuarial Assumptions:	
Discount Rate	7.5%
Inflation	Wage inflation 3.0%. Price inflation not explicit
Projected Salary Increase <sup>1</sup>	3.5% to 7.4%
Investment Rate of Return	7.5%
Mortality <sup>2</sup>	Varies

<sup>1</sup>Includes inflation and varies on age, service and type of employment

<sup>2</sup>Mortality (Pre-retirement) - Combined RP-2000 mortality tables projected with scale AA to 2028

<sup>2</sup>Mortality (Post-retirement) - Combined RP-2000 mortality tables projected with scale AA to 2020

<sup>2</sup>Mortality (Post-disablement) - 1983 Railroad Board disabled mortality table

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
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Discount Rate

Projected benefit payments are required to be discounted to their actuarial present values using a Single Discount Rate that reflects (1) a long-term expected rate of return on pension plan investments (to the extent that the plan's fiduciary net position is projected to be sufficient to pay benefits) and (2) tax-exempt municipal bond rate based on an index of 20-year general obligation bonds with an average AA credit rating as of the measurement date (to the extent that the plan's projected fiduciary net position is not sufficient to pay benefits). For the purpose of the Plan's valuation, the expected rate of return on pension plan investments is 7.50%; the municipal bond rate is 2.75% (based on the daily rate closest to but not later than the measurement date of the Fidelity "20-Year Municipal GO AA Index"); and the resulting Single Discount Rate is 7.50%.

Changes in Net Pension Liability

The changes in the net pension liability are shown below:

	Increase (Decrease)		
	Total Pension Liability	Plan Fiduciary Net Position	Net Pension Liability/(Asset)
Balance as of December 31, 2018	\$ 33,269,312	\$ 23,238,233	\$ 10,031,079
Changes in the year:			
Service cost	497,125	-	497,125
Interest on the total pension liability	2,483,508	-	2,483,508
Differences between actual and expected experience	484,948	-	484,948
Changes in assumptions	-	-	-
Changes in benefit terms	-	-	-
Contributions - employer	-	2,164,710	(2,164,710)
Net investment income	-	4,749,073	(4,749,073)
Administrative expenses	-	(25)	25
Benefit payments, including refunds of employee contributions	(2,275,894)	(2,275,894)	-
Net changes	1,189,687	4,637,864	(3,448,177)
Balance as of December 31, 2019	\$ 34,458,999	\$ 27,876,097	\$ 6,582,902
Plan fiduciary net position as a percentage of the total pension liability	80.90%		
Covered-employee payroll	\$ 9,594,168		
Net pension liability as a percentage of covered employee payroll	68.61%		

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BOARD OF WATER WORKS OF PUEBLO, COLORADO  
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	Increase (Decrease)		
	Total Pension Liability	Plan Fiduciary Net Position	Net Pension Liability/(Asset)
Balance as of December 31, 2017	\$ 32,440,400	\$ 23,554,455	\$ 8,885,945
Changes in the year:			
Service cost	520,681	-	520,681
Interest on the total pension liability	2,393,870	-	2,393,870
Differences between actual and expected experience	-	-	-
Changes in assumptions	-	-	-
Changes in benefit terms	-	-	-
Contributions - employer	-	3,164,710	(3,164,710)
Net investment income	-	(1,395,218)	1,395,218
Administrative expenses	-	(75)	75
Benefit payments, including refunds of employee contributions	(2,085,639)	(2,085,639)	-
Net changes	828,912	(316,222)	1,145,134
Balance as of December 31, 2018	\$ 33,269,312	\$ 23,238,233	\$ 10,031,079
Plan fiduciary net position as a percentage of the total pension liability	69.85%		
Covered-employee payroll	\$ 9,497,751		
Net pension liability as a percentage of covered employee payroll	105.62%		

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

Regarding the sensitivity of the net pension liability to changes in the Single Discount Rate, the following presents the Plan's net pension liability, calculated using a Single Discount Rate of 7.50%, as well as what the Plan's net pension liability would be if it were calculated using a Single Discount Rate that is one percent lower or one percent higher:

Sensitivity of the Net Pension Liability to Changes in Discount Rate  
As of December 31, 2019  
Current Single Discount

1% Decrease 6.50%	Rate Assumption 7.50%	1% Increase 8.50%
\$ 10,130,134	\$ 6,582,902	\$ 3,533,798

Sensitivity of the Net Pension Liability to Changes in Discount Rate  
As of December 31, 2018  
Current Single Discount

1% Decrease 6.50%	Rate Assumption 7.50%	1% Increase 8.50%
\$ 13,454,441	\$ 10,031,079	\$ 7,084,315

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
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Pension Expenses and Deferred Outflows/ Inflows of Resources

The table below illustrates Pueblo Water's pension expense for the year ended December 31, 2019:

Service cost	\$ 497,125
Interest on the total pension liability	2,483,508
Current-period benefit changes	-
Projected earnings on plan investments (made negative for addition here)	(1,738,697)
Pension Plan Administrative Expense	47,726
Other changes in plan fiduciary net position	25
Recognition of outflow (inflow) of resources due to liabilities	243,954
Recognition of outflow (inflow) of resources due to assets	(105,312)
Total pension expense	<u>\$ 1,428,329</u>

The table below illustrates Pueblo Water's pension expense for the year ended December 31, 2018:

Service cost	\$ 520,681
Interest on the total pension liability	2,393,870
Current-period benefit changes	-
Projected earnings on plan investments (made negative for addition here)	(1,807,046)
Pension Plan Administrative Expense	37,010
Other changes in plan fiduciary net position	75
Recognition of outflow (inflow) of resources due to liabilities	173,338
Recognition of outflow (inflow) of resources due to assets	496,763
Total pension expense	<u>\$ 1,814,691</u>

The tables below illustrate the deferred outflows/ inflows of resources by source and the net deferred outflows of resources to be recognized in future pension expense, respectively.

	As of December 31, 2019		
	Deferred Outflows of Resources	Deferred Inflows of Resources	Net Deferred Outflows of Resources
Differences between expected and actual experience	\$ 1,068,443	\$ -	\$ 1,068,443
Assumption changes	-	-	-
Net difference between projected and actual earnings on Plan investments	1,926,876	3,276,160	(1,349,284)
Total	<u>\$ 2,995,319</u>	<u>\$ 3,276,160</u>	<u>\$ (280,841)</u>

Year Ending December 31	Net Deferred Outflows of Resources
2020	\$ (146,080)
2021	(151,597)
2022	282,331
2023	(397,363)
2024	70,616
Thereafter	61,252
Total	<u>\$ (280,841)</u>

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
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	As of December 31, 2018		
	Deferred Outflows of Resources	Deferred Inflows of Resources	Net Deferred Outflows of Resources
Differences between expected and actual experience	\$ 827,449	\$ -	\$ 827,449
Assumption changes	-	-	-
Net difference between projected and actual earnings on Plan investments	2,857,569	1,301,789	1,555,780
Total	<u>\$ 3,685,018</u>	<u>\$ 1,301,789</u>	<u>\$ 2,383,229</u>

Year Ending December 31	Net Deferred Outflows of Resources
2019	\$ 670,101
2020	385,379
2021	379,862
2022	813,790
2023	134,097
Thereafter	-
Total	<u>\$ 2,383,229</u>

Note 12 – OTHER RETIREMENT PLANS

Plan Description

Pueblo Water has entered into various agreements with its senior executives to provide a supplemental retirement benefit. This defined benefit plan provides for an annual benefit equivalent to 10% of the retiree's average salary over their final three years of employment. In addition, some senior executives are entitled to a death benefit ranging from \$100,000 to one times annual salary, should they become deceased while still employed by Pueblo Water. The Plan does not issue a separate financial report.

Employees Covered

At December 31, 2019, the following employees were covered by the benefit terms of the Plan:

Employees Covered	
Inactive employees or beneficiaries currently receiving benefits	8
Inactive employees entitled to but not yet receiving benefits	-
Active employees	<u>5</u>
Total	<u>13</u>

Funding Policy

Pueblo Water's funding policy is established and may be amended by the Elected Board, which acts as trustee of the Plan. Currently, the Plan is funded through the issuance of separate "whole-life" insurance policies, on which Pueblo Water pays an annual premium.



BOARD OF WATER WORKS OF PUEBLO, COLORADO  
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Total Pension Liability

Pueblo Water's total pension liability for the Plan is measured as of December 31, 2019, using an actuarial valuation as of January 1, 2019. A summary of principal assumptions and methods used to determine the net pension liability is shown below:

Actuarial Assumptions	
Valuation Date	January 1, 2019
Measurement Date	December 31, 2019
Actuarial Assumptions:	
Discount Rate	2.75%
Inflation	Not explicit
Projected Salary Increase	3.5%
Investment Rate of Return	2.75%
Mortality <sup>1</sup>	Varies

<sup>1</sup> Mortality (Pre-retirement) - Combined RP-2000 mortality tables projected with scale AA to 2028

<sup>1</sup> Mortality (Post-retirement) - Combined RP-2000 mortality tables projected with scale AA to 2020

Discount Rate

Per paragraph 31 of GASB Statement No. 73, the discount rate should be a yield or index rate for 20-year, tax-exempt general obligation municipal bonds with an average rating of AA/Aa or higher. A discount rate of 2.75% and 3.71% was used to measure the total pension liability as of December 31, 2019 and 2018, respectively.

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BOARD OF WATER WORKS OF PUEBLO, COLORADO  
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Changes in Total Pension Liability

The changes in total pension liability are shown below:

	Total Pension Liability
Balance as of December 31, 2018	\$ 1,418,712
Changes in the year:	
Service cost	27,278
Interest on the total pension liability	47,949
Differences between actual and expected experience	(95,379)
Changes in assumptions <sup>1</sup>	133,006
Changes in benefit terms	-
Contributions - employer	-
Net investment income	-
Administrative expenses	-
Benefit payments, including refunds of employee contributions	(89,094)
Net change in Total Pension Liability	23,760
Balance as of December 31, 2019	\$ 1,442,472
Covered-employee payroll	\$ 738,769
Total pension liability as a percentage of covered employee payroll	195.25%

<sup>1</sup> Changes in assumptions reflect the effects of changes in the discount rate each measurement period.

The following are the discount rates used in each measurement period:

Fiscal year ending December 31, 2019	2.75%
Fiscal year ending December 31, 2018	3.71%

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BOARD OF WATER WORKS OF PUEBLO, COLORADO  
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	Total Pension Liability
Balance as of December 31, 2017	\$ 1,480,719
Changes in the year:	
Service cost	39,481
Interest on the total pension liability	48,191
Differences between actual and expected experience	-
Changes in assumptions <sup>1</sup>	(60,585)
Changes in benefit terms	-
Contributions - employer	-
Net investment income	-
Administrative expenses	-
Benefit payments, including refunds of employee contributions	(89,094)
Net change in Total Pension Liability	(62,007)
Balance as of December 31, 2018	\$ 1,418,712
Covered-employee payroll	\$ 757,172
Total pension liability as a percentage of covered employee payroll	187.37%

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

Regarding the sensitivity of the total pension liability to changes in the Single Discount Rate, the following presents the Plan's total pension liability, calculated using a Single Discount Rate of 2.75%, as well as what the Plan's total pension liability would be if it were calculated using a Single Discount Rate that is one percent lower or one percent higher:

Sensitivity of the Net Pension Liability to Changes in Discount Rate As of December 31, 2019 Current Single Discount		
1% Decrease 1.75%	Rate Assumption 2.75%	1% Increase 3.75%
\$ 1,602,250	\$ 1,442,472	\$ 1,304,291

Pension Expense

The table below illustrates Pueblo Water's pension expense for the year ended December 31, 2019:

2019	
Service cost	\$ 27,278
Interest on the total pension liability	47,949
Current-period benefit changes	-
Pension Plan Administrative Expense	-
Recognition of outflow (inflow) of resources due to liabilities	(16,214)
Recognition of outflow (inflow) of resources due to assets	14,189
Total pension expense	\$ 73,202

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The table below illustrates Pueblo Water's pension expense for the year ended December 31, 2018:

Service cost	\$ 39,481
Interest on the total pension liability	48,191
Current-period benefit changes	-
Pension Plan Administrative Expense	-
Recognition of outflow (inflow) of resources due to liabilities	-
Recognition of outflow (inflow) of resources due to assets	-
Total pension expense	<u>\$ 87,672</u>

Pueblo Water offers its employees deferred compensation plans created in accordance with Internal Revenue Code Section 457. The plans permit employees to defer a portion of their salary to future years. Participation in the plan is optional. Pueblo Water matches employee contributions up to 3% of annual compensation. The deferred compensation is not available to the employees until termination, retirement, death or qualifying emergency. Pueblo Water has no liability for losses under the plans but does have the duty of due care that would be required of an ordinary prudent investor. Investments are managed by the plan's trustees under one of several investment options, or a combination thereof. The choice of the investment option(s) is made by the participants.

Data concerning Pueblo Water's deferred compensation plans follows:

Balance, December 31, 2018	\$ 22,665,789
2019 employee contributions	722,627
2019 employer contributions	270,739
Earnings, withdrawals, fees and market value adjustment	<u>1,701,799</u>
Balance, December 31, 2019	<u>\$ 25,360,954</u>

**Note 13 – OTHER POSTEMPLOYMENT BENEFITS**

**Plan Description**

Pueblo Water provides two types of other postemployment benefits ("OPEB") as follows. Neither OPEB plan issues a separate report:

*a. Postemployment Healthcare Benefits*

Pueblo Water provides a postemployment healthcare benefit through a single-employer, defined benefit plan. The benefit is in the form of subsidized health care costs for retired members and eligible dependents, up to member age 65. Employees who retire under early retirement (rule of 90) can enroll in the plan, with Pueblo Water paying approximately 79% of the insurer required premium, and the member paying the remaining approximately 21%. The Board has both an explicit (due to premium subsidy) and implicit (due to the retirees being included with the active members in the setting of the premium rates) subsidy.

*b. Life Insurance*

All retirees of Pueblo Water and their spouses participate in a life insurance plan. The Plan provides a death benefit of \$25,000 for future retirees and \$2,000 for the spouse. The death benefit for current retirees varies depending on when they retired and the plan in place at that time. Coverage ranges from 50% to 100% of final salary or \$25,000.

**BOARD OF WATER WORKS OF PUEBLO, COLORADO**  
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**Employees Covered**

At December 31, 2019, the following employees were covered by the benefit terms of the Plan:

<u>Employees Covered</u>	
Inactive plan members or beneficiaries currently receiving benefits	83
Inactive plan members entitled to but not yet receiving benefits	-
Active plan members	<u>135</u>
Total	<u><u>218</u></u>

**Rollforward**

The actuarial valuation was performed as of January 1, 2019. Update procedures were used to roll forward the total OPEB liability to December 31, 2019.

**Funding Policy**

Pueblo Water's funding policy is established and may be amended by the Elected Board. Pueblo Water is not required to establish an irrevocable trust fund to accumulate assets for payment of future OPEB benefits and has elected not to do so for 2019. Pueblo Water may review its funding policy in the future. Currently, payments of OPEB benefits are made on a pay-as-you-go basis in amounts necessary to provide current benefits to recipients. For the years ended December 31, 2019 and 2018, Pueblo Water contributed, irrespective of applicable subsidies, \$84,486 and \$124,497, respectively to the postemployment benefit plans.

**Total OPEB Liability**

Pueblo Water's total OPEB liability for the Plan is measured as of December 31, 2019, using an actuarial valuation as of January 1, 2019. A summary of principal assumptions and methods used to determine the net pension liability is shown below:

<u>Actuarial Assumptions</u>	
Valuation Date	January 1, 2019
Measurement Date	December 31, 2019
Actuarial Cost Method	Entry Age Normal
Actuarial Assumptions:	
Discount Rate	2.75%
Inflation	2.5%
Projected Salary Increase <sup>1</sup>	3.0% to 7.4%
Mortality <sup>2</sup>	Varies
Healthcare Trend Rates	Initial rate of 7.10% declining to an ultimate rate of 4.25% after 10 years

<sup>1</sup> Includes inflation and varies on age, service and type of employment

<sup>2</sup> Mortality (Pre-retirement) - Combined RP-2000 mortality tables projected with scale AA to 2028

<sup>2</sup> Mortality (Post-retirement) - Combined RP-2000 mortality tables projected with scale AA to 2020

<sup>2</sup> Mortality (Post-disablement) - 1983 Railroad Board disabled mortality table

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Changes in Total OPEB Liability

The changes in total OPEB liability are shown below:

	Total OPEB Liability
Balance as of December 31, 2018	\$ 4,513,618
Changes in the year:	
Service cost	165,785
Interest on the total OPEB liability	166,024
Changes of benefit terms	-
Differences between actual and expected experience	-
Changes in assumptions <sup>1</sup>	356,998
Benefit payments	(242,934)
Net change in Total Pension Liability	445,873
Balance as of December 31, 2019	\$ 4,959,491
Covered-employee payroll	\$ 9,594,168
Total OPEB liability as a percentage of covered employee payroll	51.69%

<sup>1</sup> Changes in assumptions reflect the effects of changes in the discount rate each measurement period.

The following are the discount rates used in each measurement period:

Fiscal year ending December 31, 2019	2.75%
Fiscal year ending December 31, 2018	3.71%

	Total OPEB Liability
Balance as of December 31, 2017	\$ 4,613,664
Changes in the year:	
Service cost	175,466
Interest on the total OPEB liability	151,714
Changes of benefit terms	-
Differences between actual and expected experience	-
Changes in assumptions <sup>1</sup>	(191,441)
Benefit payments	(235,785)
Net change in Total Pension Liability	(100,046)
Balance as of December 31, 2018	\$ 4,513,618
Covered-employee payroll	\$ 9,314,726
Total OPEB liability as a percentage of covered employee payroll	48.46%

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

Regarding the sensitivity of the total OPEB liability to changes in the Single Discount Rate, the following presents the Plan's total OPEB liability, calculated using a Single Discount Rate of 2.75%, as well as what the Plan's total OPEB liability would be if it were calculated using a Single Discount Rate that is one percent lower or one percent higher:

Sensitivity of the Total OPEB Liability to Changes in Discount Rate As of December 31, 2019 Current Single Discount		
1% Decrease 1.75%	Rate Assumption 2.75%	1% Increase 3.75%
<u>\$ 5,522,011</u>	<u>\$ 4,959,491</u>	<u>\$ 4,473,191</u>

Regarding the sensitivity of the total OPEB liability to changes in the Healthcare Cost Trend Rates, the following presents the Plan's total OPEB liability, calculated using the assumed Trend Rates, as well as what the Plan's total OPEB liability would be if it were calculated using a Trend Rate that is one percent lower or one percent higher:

Sensitivity of the Total OPEB Liability to Changes in Healthcare Cost Trend Rate As of December 31, 2019 Current Healthcare Cost		
1% Decrease	Trend Rate Assumption	1% Increase
<u>\$ 4,642,693</u>	<u>\$ 4,959,491</u>	<u>\$ 5,344,005</u>

OPEB Expense

The table below illustrates Pueblo Water's OPEB expense for the year ended December 31, 2019:

Service cost	\$ 165,785
Interest on the total OPEB liability	166,024
Current-period benefit changes	-
OPEB Plan administrative expense	-
Recognition of outflow (inflow) of resources due to liabilities	43,587
Recognition of outflow (inflow) of resources due to assets	(24,209)
Total OPEB expense	<u>\$ 351,187</u>

The table below illustrates Pueblo Water's OPEB expense for the year ended December 31, 2018:

Service cost	\$ 175,466
Interest on the total OPEB liability	151,714
Current-period benefit changes	-
OPEB Plan administrative expense	-
Recognition of outflow (inflow) of resources due to liabilities	(24,209)
Recognition of outflow (inflow) of resources due to assets	-
Total OPEB expense	<u>\$ 302,971</u>

**BOARD OF WATER WORKS OF PUEBLO, COLORADO**  
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The tables below illustrate the deferred outflows/ inflows of resources by source and the net deferred outflows of resources to be recognized in future OPEB expense, respectively.

As of December 31, 2019		
	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	\$ -	\$ -
Assumption changes	313,411	(143,023)
Total	<u>\$ 313,411</u>	<u>\$ (143,023)</u>

Year Ending December 31	Net Deferred Outflows of Resources
2020	\$ 19,378
2021	19,378
2022	19,378
2023	19,378
2024	19,378
Thereafter	73,498
Total	<u>\$ 170,388</u>

As of December 31, 2018		
	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	\$ -	\$ -
Assumption changes	-	(167,232)
Total	<u>\$ -</u>	<u>\$ (167,232)</u>

Year Ending December 31	Net Deferred Outflows of Resources
2019	\$ (24,209)
2020	(24,209)
2021	(24,209)
2022	(24,209)
2023	(24,209)
Thereafter	(46,187)
Total	<u>\$ (167,232)</u>

**Note 14 – SICK AND VACATION LEAVE**

Effective July 1, 1984, all full-time employees accumulate paid sick leave at the rate of twelve hours per month. All employees who, at that date, had accumulated in excess of 720 hours were, at their option, paid for the excess hours. Any employee who did not select the optional payoff at July 1, 1984 can do so at a later date. As of January 1, 1996, new employees accumulate paid sick leave at the rate of eight hours per month. At termination, employees are paid for any accumulated sick pay. The liability for accumulated sick pay at December 31, 2019 and 2018 is \$1,941,020 and \$1,842,515.



BOARD OF WATER WORKS OF PUEBLO, COLORADO  
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Each employee may accrue up to a maximum of 248 hours of vacation leave. At the employee's request, a payoff for a maximum of 56 hours of accumulated vacation leave can be made during the anniversary year. The vacation hours are valued at the employee's regular rate of pay in effect at the time. In addition, each employee receives eight hours of personal holiday annually which is not available for carryover. The liability for accumulated vacation pay at December 31, 2019 and 2018 is \$695,826 and \$662,625.

Employees are entitled to accrue vacation leave for the twelve-month period, following their date of hire (anniversary date) according to the following scale:

<u>Years of Service</u>	<u>Hours</u>
1 to 5	96
6 to 10	120
11 to 15	144
15 and over	168

Note 15 – TERMINATION BENEFITS

In compliance with federal law, Pueblo Water provides healthcare continuation under the Consolidated Omnibus Budget Reconciliation Act ("COBRA"). At December 31, 2019 there was no COBRA liability. Pueblo Water does not offer early retirement incentives or involuntary termination benefits.

Note 16 – ACCOUNTS PAYABLE

Accounts payable are comprised of outstanding bills for expenses, materials and capital assets related to the budget for the years ended December 31, 2019 and 2018. Included in outstanding bills at December 31, 2019 is \$4,919,560 owed to the City of Pueblo, Colorado for collection of the City's sewer, storm water and street repair fees. Included in outstanding bills at December 31, 2018 is \$4,186,143 owed to the City of Pueblo, Colorado for collection of the City's sewer and storm water fees.

Note 17 – LIABILITIES PAYABLE FROM RESTRICTED ASSETS

Liabilities payable from restricted assets consist of accrued interest on long-term debt in connection with various water system improvement projects. As of December 31, 2019 and 2018, the amounts payable were \$271,235 and \$296,104, respectively.

Note 18 – CONCENTRATIONS

Pueblo Water has a contract with Public Service Company to provide the Comanche Power Station with nonpotable water for power generation. For the years ended December 31, 2019 and 2018, the contract accounted for 16% of operating revenues for each year.

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**BOARD OF WATER WORKS OF PUEBLO, COLORADO**  
**NOTES TO FINANCIAL STATEMENTS**  
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**Note 19 – RECONCILIATION OF BUDGETARY DIFFERENCES**

An explanation of the differences between budgetary inflows and outflows and revenues and expenditures determined in accordance with generally accepted accounting principles follows:

**Funding Sources**

Actual amounts (budgetary basis) "total funding sources"  
from the budgetary comparison schedule

General Fund	\$ 39,304,786
Debt Service Fund	4,717,698
Water Development Fund	<u>2,410,045</u>
Total funding sources	46,432,529

Adjustments:

Contributions to capital assets are recorded as revenue for GAAP but are not considered a budgetary resource.	240,440
Current year portion of deferred revenue is recorded as revenue for GAAP but is not considered a budgetary resource.	23,869
Contributions to reserves are considered a budgetary resource but are not considered revenue for GAAP reporting.	747,974
Transfers from other funds are inflows of budgetary resources but are not a current year revenue for GAAP reporting.	<u>(6,824,797)</u>

Total of all revenues as reported on the Statement of Revenues, Expenses, and Changes in Net Position	<u>\$ 40,620,015</u>
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Total revenues as reported on the Statement of Revenues,  
Expenses, and Changes in Net Position is comprised of:

Operating revenues	\$ 39,540,542
Interest income	712,888
Realized gain (loss) on investments	55,019
Unrealized gain (loss) on investments	8,225
Sale of assets	62,901
Contributions to capital assets	<u>240,440</u>
	<u>\$ 40,620,015</u>

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**BOARD OF WATER WORKS OF PUEBLO, COLORADO**  
**NOTES TO FINANCIAL STATEMENTS**  
**DECEMBER 31, 2019 AND 2018**

**Funding Uses**

Actual amounts (budgetary basis) "total uses"  
from the budgetary comparison schedule

General Fund	\$ 39,304,786
Debt Service Fund	4,717,698
Water Development Fund	<u>2,410,045</u>
Total uses	46,432,529

Adjustments:

Capital items are treated as expenditures for budgetary  
purposes but are capitalized for financial reporting (7,525,855)

Labor used to construct capital assets is capitalized for GAAP  
and classified as personnel services for budgetary purposes (224,068)

Capital items with an original cost less than  
\$5,000 are treated as an operating expense for GAAP and  
shown as a capital item for budgetary purposes 110,166

Outflows for budgetary purposes not recognized for financial  
reporting purposes:

Transfers	(6,824,797)
Contributions to reserves	(1,397,515)
Principal payments on long-term debt	(3,306,071)

Expense items shown for financial reporting not treated as  
budgetary outflows:

Difference between cash and non-cash other postemployment benefits	108,253
Difference between cash and non-cash pension contributions	(784,107)
Depreciation	6,056,162
Amortization	957
Bad debts	(2,439)
Loss on abandonment of assets	199,054
Interest expense on capital obligation	884

Interest expense for budget reporting purposes is based  
upon monthly transfers to the Debt Service Fund while interest  
expense for the financial statements reflect GAAP (169,486)

Total of all expenses as reported on the Statement of Revenues,  
Expenses, and Changes in Net Position \$ 32,673,667

Total expenses as reported on the Statement of Revenues

Expenses and Changes in Net Position is comprised of:

Operating expenses	\$ 31,571,972
Interest expense on bonded indebtedness	1,100,811
Interest expense on capital obligation	<u>884</u>
	<u><u>\$ 32,673,667</u></u>

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
NOTES TO FINANCIAL STATEMENTS  
DECEMBER 31, 2019 AND 2018

Note 20 – CONTRACT COMMITMENTS

As of December 31, 2019, the Board had a contract commitment with Bessemer Irrigating Ditch Co. to place funds in an escrow account for future use by the company. The total amount of the contract is \$600,000, of which \$600,000 had yet to be paid.

As of December 31, 2019, the Board had a contract commitment with Transwest Truck Trailer RV for the purchase of a new truck. The total amount of the contract is \$147,205, of which \$147,205 had yet to be paid as of December 31, 2019.

As of December 31, 2019, the Board had contracts with Black Hills Energy and other vendors to relocate a substation at the treatment plant. The total amount of the contracts is \$139,289, of which \$139,289 had yet to be paid as of December 31, 2019.

As of December 31, 2019, the Board had contracts with Coblaco Services, Inc. and Red Flint Sand & Gravel to repair the coatings on filter #12. The total amount of the contracts is \$185,721, of which \$185,721 had yet to be paid as of December 31, 2019.

As of December 31, 2018, the Board had a contract commitment with Green Electric, Black Hills Energy, Black & Veatch and various vendors for the replacement of new motor control centers and motors at Gardner Pump Station. The total amount of the contracts is \$2,062,222, of which \$1,988,963 had yet to be paid as of December 31, 2018.

Note 21 – NET INVESTMENT IN CAPITAL ASSETS

In the net position sections of the *Statements of Net Position*, Net Investment in Capital Assets is comprised of the following as of December 31, 2019 and 2018:

	Net Investment in Capital Assets	
	December 31,	
	2019	2018
Net capital assets	\$ 241,294,995	\$ 238,684,954
Unamortized discount	2,880	4,013
Current maturities of long-term debt	(3,246,900)	(3,580,307)
Revenue bonds	(21,545,000)	(29,605,000)
Deferred amount on refunding	815,438	341,912
Unamortized bond premium	(3,819,684)	(469,686)
Loan and repayment contract	(4,284,054)	(4,680,329)
Capital lease obligations	(494)	(6,120)
	<u>\$ 209,217,181</u>	<u>\$ 200,689,437</u>

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BOARD OF WATER WORKS OF PUEBLO, COLORADO  
NOTES TO FINANCIAL STATEMENTS  
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Note 22 – CAPITAL CONTRIBUTIONS

Inception-to-date and current year proceeds from capital contributions were as follows:

<u>Capital Contributions</u>	
Inception through December 31, 2017	\$ 21,498,838
2018 Additions	<u>177,422</u>
Inception through December 31, 2018	21,676,260
2019 Additions	<u>240,440</u>
Inception through December 31, 2019	<u>\$ 21,916,700</u>

Note 23 – CLOSURE AND POST-CLOSURE CARE COSTS

In 2013 the Colorado Department of Public Health and Environment (CDPHE) issued new regulations for water treatment plants that produce a coagulant sludge during the water treatment process. According to Section 9 of the Hazardous Waste Regulations (6 CCR 1007-2, part I, p. 166-181.16) Pueblo Water's Whitlock Water Treatment Facility is defined as a class "A" Waste Impoundment facility, and accordingly is subject to the provisions of the regulation that require a closure plan. Included with the regulations is the requirement that Pueblo Water disclose certain items from GASB Statement No. 18 within the notes to Pueblo Water's financial statements.

The impoundments covered in Pueblo Water's closure plan are used exclusively to dry alum sludge which is a by-product of the water treatment process utilized at the plant. The impoundments are temporary storage locations and are cleaned by physically removing the sludge and transporting it to an approved landfill on an annual basis. Since the impoundments are not of the same nature as a Municipal Solid Waste Landfill (MSWLF) Pueblo Water does not believe it is subject to all of the requirements promulgated in GASB Statement No. 18. Consequently, Pueblo Water does not recognize an annual cost and associated liability related to the contemplated closure and post-closure care costs, rather these costs are shown below in compliance with the regulations set forth by the CDPHE.

Pueblo Water currently anticipates total closure costs of \$404,028 and post-closure costs of \$13,005.

Note 24 – NET POSITION

In 2018 Pueblo Water implemented GASB Statement No. 75 *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*. Implementation of this new pronouncement resulted in the addition of Pueblo Water's total OPEB liability as shown in the Statements of Net Position. Paragraph 244 of Statement No. 75 states: "If restatement of all prior periods presented is not practical, the cumulative effect of applying this Statement, if any, should be reported as a restatement of beginning net position for the earliest period restated". Since it was impractical for Pueblo Water to restate their ending net position as of December 31, 2017, Pueblo Water chose to reduce its net position as of January 1, 2018 by \$3,965,432, consistent with the guidance provided in Statement No. 75. As a consequence, Pueblo Water's net position as of January 1, 2018 and December 31, 2017 was \$208,410,536 and \$212,375,968, respectively.

Note 25 – SUBSEQUENT EVENTS

Pueblo Water has evaluated subsequent events through March 5, 2020, which is the date the financial statements were available to be issued. As of that date there were no material subsequent events affecting Pueblo Water's financial statements.

REQUIRED SUPPLEMENTARY INFORMATION

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
REQUIRED SUPPLEMENTARY INFORMATION  
DECEMBER 31, 2019 AND 2018

Required Supplementary Information

As part of implementing GASB Statement No. 68, *Accounting and Financial Reporting for Pensions: an amendment of GASB Statement No. 27*, Pueblo Water is required to include supplementary information showing the ten year history of:

1. Sources of changes in the net pension liability.
2. Information about the components of the net pension liability and related ratios, including the Plan's fiduciary net position as a percentage of the total pension liability, and the net pension liability as a percent of covered-employee payroll.
3. A comparison of actual employer contributions to the actuarially determined contributions based on the Plan's funding policy.

A schedule of changes in net pension liability and related ratios for the five years since GASB Statement No. 68 was implemented is shown below:

Schedule of Changes in Net Pension Liability and Related Ratios Multiyear					
Fiscal year ending December 31,	2019	2018	2017	2016	2015
<b>Total pension liability</b>					
Service Cost	\$ 497,125	\$ 520,681	\$ 503,074	\$ 500,567	\$ 479,982
Interest on the total pension liability	2,483,508	2,393,870	2,326,414	2,166,514	2,088,627
Changes of benefit terms	-	-	-	-	-
Difference between expected and actual experience	484,948	-	1,174,125	-	-
Changes of assumptions	-	-	-	-	-
Benefit payments, including refunds of employee contributions	(2,275,894)	(2,085,639)	(1,809,733)	(1,613,701)	(1,487,687)
<b>Net change in total pension liability</b>	<b>1,189,687</b>	<b>828,912</b>	<b>2,193,880</b>	<b>1,053,380</b>	<b>1,080,922</b>
<b>Total pension liability - beginning</b>	<b>33,269,312</b>	<b>32,440,400</b>	<b>30,246,520</b>	<b>29,193,140</b>	<b>28,112,218</b>
<b>Total pension liability - ending (a)</b>	<b>\$ 34,458,999</b>	<b>\$ 33,269,312</b>	<b>\$ 32,440,400</b>	<b>\$ 30,246,520</b>	<b>\$ 29,193,140</b>
<b>Plan fiduciary net position</b>					
Employer contributions	\$ 2,164,710	\$ 3,164,710	\$ 2,900,000	\$ 1,300,000	\$ 1,300,000
Employee contributions	-	-	-	-	-
Pension plan net investment income	4,749,073	(1,395,218)	3,623,584	1,345,096	(29,881)
Benefit payments, including refunds of employee contributions	(2,275,894)	(2,085,639)	(1,809,733)	(1,613,701)	(1,487,687)
Pension plan administrative expense	-	-	-	-	-
Other	(25)	(75)	(125)	-	-
<b>Net Change in plan fiduciary net position</b>	<b>4,637,864</b>	<b>(316,222)</b>	<b>4,713,726</b>	<b>1,031,395</b>	<b>(217,568)</b>
<b>Plan fiduciary net position - beginning</b>	<b>23,238,233</b>	<b>23,554,455</b>	<b>18,840,729</b>	<b>17,809,334</b>	<b>18,026,902</b>
<b>Plan fiduciary net position - ending (b)</b>	<b>\$ 27,876,097</b>	<b>\$ 23,238,233</b>	<b>\$ 23,554,455</b>	<b>\$ 18,840,729</b>	<b>\$ 17,809,334</b>
<b>Net pension liability - ending (a) - (b)</b>	<b>\$ 6,582,902</b>	<b>\$ 10,031,079</b>	<b>\$ 8,885,945</b>	<b>\$ 11,405,791</b>	<b>\$ 11,383,806</b>
<b>Plan fiduciary net position as a percentage of total pension liability</b>	<b>80.90%</b>	<b>69.85%</b>	<b>72.61%</b>	<b>62.29%</b>	<b>61.01%</b>
<b>Covered-employee payroll</b>	<b>\$ 9,594,168</b>	<b>\$ 9,497,751</b>	<b>\$ 9,211,967</b>	<b>\$ 8,934,679</b>	<b>\$ 8,629,752</b>
<b>Net pension liability as a percentage of covered-employee payroll</b>	<b>68.61%</b>	<b>105.62%</b>	<b>96.46%</b>	<b>127.66%</b>	<b>131.91%</b>

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
REQUIRED SUPPLEMENTARY INFORMATION  
DECEMBER 31, 2019 AND 2018

A comparison of actual employer contributions to the actuarially determined contributions based on the Plan's funding policy for the past ten years is shown below:

Schedule of Contributions					
Year Ended	Actuarially		Contribution		Actual Contribution
December 31,	Determined	Actual	Deficiency	Covered	as a % of
	Contribution	Contribution <sup>2</sup>	(Excess)	Payroll <sup>1</sup>	Covered Payroll
2019	\$ 1,317,404	\$ 2,164,710	\$ (847,306)	\$ 9,594,168	22.56%
2018	1,414,710	3,164,710	(1,750,000)	9,497,751	33.32%
2017	1,414,710	2,976,479	(1,561,769)	9,211,967	32.31%
2016	1,252,794	1,379,559	(126,765)	8,934,679	15.44%
2015	1,252,974	1,383,263	(130,289)	8,629,752	16.03%
2014	1,215,910	1,015,648	200,262	8,199,483	12.39%
2013	1,000,524	990,845	9,679	8,199,483	12.08%
2012	1,000,524	922,178	78,346	8,229,750	11.21%
2011	1,000,524	910,529	89,995	8,229,750	11.06%
2010	1,105,409	853,825	251,584	7,633,513	11.19%

<sup>1</sup> Covered payroll is the amount in force as of the valuation date and differs from actual payroll paid during the year

<sup>2</sup> Actual contributions include advisor fees not paid by the Plan

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BOARD OF WATER WORKS OF PUEBLO, COLORADO  
REQUIRED SUPPLEMENTARY INFORMATION  
DECEMBER 31, 2019 AND 2018

As part of implementing GASB Statement No. 73, *Accounting and Financial Reporting for Pensions and Related Assets That Are Not within the Scope of GASB Statement 68, and Amendments to Certain Provisions of GASB Statements 67 and 68*, Pueblo Water is required to include supplementary information showing the ten year history of:

1. Sources of changes in the total pension liability.
2. Information about the components of the total pension liability and related ratios, including the Plan's total pension liability as a percent of covered-employee payroll.

A schedule of changes in total pension liability and related ratios for the three years since GASB Statement No. 73 was implemented is shown below:

Schedule of Changes in the Employers' Total Pension Liability and Related Ratios Multiyear			
Fiscal year ending December 31,	2019	2018	2017
<b>Total pension liability</b>			
Service Cost	\$ 27,278	\$ 39,481	\$ 38,146
Interest on the total pension liability	47,949	48,191	48,316
Changes of benefit terms	-	-	-
Difference between expected and actual experience	(95,379)	-	-
Changes of assumptions <sup>1</sup>	133,006	(60,585)	-
Benefit payments, including refunds of employee contributions	(89,094)	(89,094)	(92,736)
<b>Net change in total pension liability</b>	<b>23,760</b>	<b>(62,007)</b>	<b>(6,274)</b>
<b>Total pension liability - beginning</b>	<b>1,418,712</b>	<b>1,480,719</b>	<b>1,486,993</b>
<b>Total pension liability - ending (a)</b>	<b>\$1,442,472</b>	<b>\$ 1,418,712</b>	<b>\$ 1,480,719</b>
<b>Covered-employee payroll</b>	<b>\$ 738,769</b>	<b>\$ 757,172</b>	<b>\$ 731,567</b>
<b>Total pension liability as a percentage of covered-employee payroll</b>	<b>195.25%</b>	<b>187.37%</b>	<b>202.40%</b>

<sup>1</sup> Changes in assumptions reflect the effects of changes in the discount rate each measurement period.

The following are the discount rates used in each measurement period:

Fiscal year ending December 31, 2019	2.75%
Fiscal year ending December 31, 2018	3.71%
Fiscal year ending December 31, 2017	3.31%

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BOARD OF WATER WORKS OF PUEBLO, COLORADO  
REQUIRED SUPPLEMENTARY INFORMATION  
DECEMBER 31, 2019 AND 2018

As part of implementing GASB Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*, Pueblo Water is required to include supplementary information showing the ten year history of:

1. Sources of changes in the total OPEB liability.
2. Information about the components of the total OPEB liability and related ratios, including the Plan's total OPEB liability as a percent of covered-employee payroll.

A schedule of changes in total pension liability and related ratios for the two years since GASB Statement No. 75 was implemented is shown below:

Schedule of Changes in Total OPEB Liability and Related Ratios Multiyear			
Fiscal year ending December 31,	2019		2018
<b>Total OPEB liability</b>			
Service Cost	\$ 165,785	\$	175,466
Interest on the total OPEB liability	166,024		151,714
Changes of benefit terms	-		-
Difference between expected and actual experience	-		-
Changes of assumptions <sup>1</sup>	356,998		(191,441)
Benefit payments	(242,934)		(235,785)
<b>Net change in total OPEB liability</b>	445,873		(100,046)
<b>Total OPEB liability - beginning</b>	4,513,618		4,613,664
<b>Total OPEB liability - ending (a)</b>	<u>\$ 4,959,491</u>	<u>\$</u>	<u>4,513,618</u>
<b>Covered-employee payroll</b>	\$ 9,594,168	\$	9,314,726
<b>Total OPEB liability as a percentage of covered-employee payroll</b>	51.69%		48.46%

<sup>1</sup> Changes in assumptions reflect the effects of changes in the discount rate each measurement period.

The following are the discount rates used in each measurement period:

Fiscal year ending December 31, 2019	2.75%
Fiscal year ending December 31, 2018	3.71%
Fiscal year ending December 31, 2017	3.31%

## SUPPLEMENTARY INFORMATION

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
BUDGETARY COMPARISON SCHEDULE  
REVENUES BY SOURCE  
FOR THE YEAR ENDED DECEMBER 31, 2019

GENERAL FUND

	Budgeted Amounts			Actual Over (Under)
	Original	Final	Actual	Budget
OPERATING REVENUES				
Water sales - Metered	\$ 25,103,460	\$ 25,103,460	\$ 25,243,500	\$ 140,040
Water sales - Utility Private	6,275,446	6,275,446	6,275,430	(16)
Water sales - Raw water	2,488,871	2,488,871	3,215,187	726,316
Water sales - Utility Public	1,217,264	1,217,264	1,217,250	(14)
Taps and meters	55,000	55,000	71,523	16,523
Material sales	55,000	55,000	167,593	112,593
Main assessments	10,000	10,000	15,532	5,532
Fire protection - public	9,365	9,365	9,616	251
Discounts	1,500	1,500	1,184	(316)
Rental income	26,405	26,405	30,042	3,637
Late field reading fee	7,000	7,000	19,900	12,900
Turn-on fee	70,000	70,000	73,100	3,100
Check processing fee	15,000	15,000	12,765	(2,235)
Field collection fee	1,500	1,500	1,870	370
Missed appointment fee	1,500	1,500	2,700	1,200
Finance charges	1,000	1,000	8,739	7,739
Miscellaneous	75,000	75,000	103,752	28,752
Service line protection plan	420,000	420,000	432,622	12,622
Plant water investment fee	750,000	750,000	707,433	(42,567)
Insurance recovery	10,000	10,000	201	(9,799)
Comanche operations and maintenance reimbursement	500,000	500,000	504,143	4,143
Busk-Ivanhoe administration fee	25,000	25,000	25,000	-
TIFF proceeds	527,699	527,699	616,117	88,418
Wastewater billing reimbursement	478,265	478,265	477,840	(425)
Stormwater billing reimbursement	206,879	206,879	207,384	505
Street repair collection fee	75,000	75,000	76,250	1,250
Total operating revenues	38,406,154	38,406,154	39,516,673	1,110,519
NONOPERATING REVENUES				
Interest income	531,387	531,387	451,961	(79,426)
Sale of assets	20,000	20,000	84,126	64,126
Bond proceeds	4,000,000	4,000,000	-	(4,000,000)
Contribution (to) from reserve	2,160,539	2,160,539	(747,974)	(2,908,513)
Total nonoperating revenues	6,711,926	6,711,926	(211,887)	(6,923,813)
Total revenue	\$ 45,118,080	\$ 45,118,080	\$ 39,304,786	\$ (5,813,294)

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
BUDGETARY COMPARISON SCHEDULE  
EXPENDITURES BY OBJECT  
FOR THE YEAR ENDED DECEMBER 31, 2019

GENERAL FUND

	Budgeted Amounts		Actual	Actual Over (Under)
	Original	Final		Budget
EXPENDITURES				
PERSONNEL SERVICES				
Administration	\$ 1,057,926	\$ 1,057,926	\$ 937,675	\$ (120,251)
Finance	1,597,864	1,597,864	1,427,789	(170,075)
Information Systems	704,066	704,066	659,973	(44,093)
Water Quality and Treatment	3,229,272	3,229,272	3,198,886	(30,386)
Transmission, Distribution and Engineering	5,675,292	5,675,292	5,157,451	(517,841)
Facilities Operation and Maintenance	1,015,188	1,015,188	891,727	(123,461)
Water Resources	417,074	417,074	401,270	(15,804)
Human Resources	2,453,955	2,453,955	3,088,342	634,387
Total personnel services	16,150,637	16,150,637	15,763,113	(387,524)
OPERATIONS AND MAINTENANCE				
Administration	730,250	730,250	508,306	(221,944)
Finance	1,184,729	1,184,729	997,788	(186,941)
Information Systems	546,625	546,625	429,492	(117,133)
Water Quality and Treatment	2,358,400	2,358,400	2,156,046	(202,354)
Transmission, Distribution and Engineering	1,497,682	1,497,682	1,484,135	(13,547)
Facilities Operation and Maintenance	3,354,510	3,354,510	3,124,775	(229,735)
Water Resources	1,317,130	1,317,130	1,267,992	(49,138)
Human Resources	392,162	392,162	376,347	(15,815)
Total operations and maintenance	11,381,488	11,381,488	10,344,881	(1,036,607)
CAPITAL OUTLAY/ FUND TRANSFERS				
Administration	-	-	-	-
Finance	6,696,605	6,696,605	6,841,015	144,410
Information Systems	216,000	216,000	153,890	(62,110)
Water Quality and Treatment	-	-	-	-
Transmission, Distribution and Engineering	4,108,000	4,108,000	4,230,474	122,474
Facilities Operation and Maintenance	6,310,750	6,310,750	1,859,046	(4,451,704)
Water Resources	-	-	-	-
Human Resources	10,000	10,000	8,737	(1,263)
Total capital outlay	17,341,355	17,341,355	13,093,162	(4,248,193)
Total expenditures	\$ 44,873,480	\$ 44,873,480	\$ 39,201,156	\$ (5,672,324)

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
BUDGETARY COMPARISON SCHEDULE  
FOR THE YEAR ENDED DECEMBER 31, 2019

PERSONNEL SERVICES

ADMINISTRATION

	Budgeted Amounts			Actual Over (Under)
	Original	Final	Actual	Budget
<b>SALARIES &amp; WAGES</b>				
Director	\$ 471,801	\$ 471,801	\$ 443,044	\$ (28,757)
Specialist	281,122	281,122	215,419	(65,703)
Board Members	13,800	13,800	12,600	(1,200)
Overtime	-	-	511	511
Total salaries and wages	<u>766,723</u>	<u>766,723</u>	<u>671,574</u>	<u>(95,149)</u>
<b>BENEFITS</b>				
Longevity	3,851	3,851	3,651	(200)
Employee assistance	112	112	148	36
Social security	61,401	61,401	52,261	(9,140)
Pension	22,588	22,588	22,282	(306)
Health insurance	93,547	93,547	75,182	(18,365)
Dental insurance	4,669	4,669	4,576	(93)
Disability insurance	4,484	4,484	4,925	441
Life insurance	8,557	8,557	8,008	(549)
Sick leave	34,939	34,939	41,772	6,833
Vacation leave	<u>57,055</u>	<u>57,055</u>	<u>53,296</u>	<u>(3,759)</u>
Total benefits	<u>291,203</u>	<u>291,203</u>	<u>266,101</u>	<u>(25,102)</u>
Total personnel services	<u>\$ 1,057,926</u>	<u>\$ 1,057,926</u>	<u>\$ 937,675</u>	<u>\$ (120,251)</u>

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
BUDGETARY COMPARISON SCHEDULE  
FOR THE YEAR ENDED DECEMBER 31, 2019

OPERATION AND MAINTENANCE

ADMINISTRATION

	Budgeted Amounts			Actual Over (Under)
	Original	Final	Actual	Budget
OPERATION AND MAINTENANCE				
Outside services	\$ 542,750	\$ 542,750	\$ 335,314	\$ (207,436)
Utilities - other	5,400	5,400	5,936	536
Maintenance	1,500	1,500	807	(693)
Advertising	12,000	12,000	8,040	(3,960)
Travel and training	101,150	101,150	81,599	(19,551)
Office supplies	3,000	3,000	10,791	7,791
Subscriptions and memberships	64,450	64,450	65,819	1,369
Total operation and maintenance	\$ 730,250	\$ 730,250	\$ 508,306	\$ (221,944)

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
BUDGETARY COMPARISON SCHEDULE  
FOR THE YEAR ENDED DECEMBER 31, 2019

CAPITAL OUTLAY

ADMINISTRATION

	<u>Budgeted Amounts</u>		<u>Actual</u>	<u>Actual</u>
	<u>Original</u>	<u>Final</u>		<u>Over (Under)</u> <u>Budget</u>
CAPITAL OUTLAY				
Computer and office equipment	\$ <u>          -          </u>	\$ <u>          -          </u>	\$ <u>          -          </u>	\$ <u>          -          </u>



BOARD OF WATER WORKS OF PUEBLO, COLORADO  
BUDGETARY COMPARISON SCHEDULE  
FOR THE YEAR ENDED DECEMBER 31, 2019

PERSONNEL SERVICES

FINANCE

	Budgeted Amounts			Actual Over (Under)
	Original	Final	Actual	Budget
SALARIES & WAGES				
Division manager	\$ 118,703	\$ 118,703	\$ 107,847	\$ (10,856)
Supervisor	68,302	68,302	65,781	(2,521)
Specialist	209,668	209,668	151,851	(57,817)
Skills and trades	696,751	696,751	621,550	(75,201)
Part-time/ temporary	25,436	25,436	18,739	(6,697)
Overtime	14,500	14,500	9,792	(4,708)
Total salaries and wages	1,133,360	1,133,360	975,560	(157,800)
BENEFITS				
Longevity	6,980	6,980	6,483	(497)
Employee assistance	380	380	388	8
Social security	83,268	83,268	81,974	(1,294)
Pension	29,486	29,486	30,153	667
Health insurance	191,026	191,026	176,271	(14,755)
Dental insurance	10,759	10,759	11,372	613
Disability insurance	7,305	7,305	7,181	(124)
Life insurance	12,547	12,547	11,776	(771)
Sick leave	52,408	52,408	55,975	3,567
Vacation leave	70,345	70,345	70,656	311
Total benefits	464,504	464,504	452,229	(12,275)
Total personnel services	\$ 1,597,864	\$ 1,597,864	\$ 1,427,789	\$ (170,075)

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
BUDGETARY COMPARISON SCHEDULE  
FOR THE YEAR ENDED DECEMBER 31, 2019

OPERATION AND MAINTENANCE

FINANCE

	Budgeted Amounts			Actual Over (Under)
	Original	Final	Actual	Budget
OPERATION AND MAINTENANCE				
Outside services	\$ 383,902	\$ 383,902	\$ 393,970	\$ 10,068
Utilities	93,220	93,220	75,380	(17,840)
Maintenance - office equipment	9,425	9,425	11,995	2,570
Equipment lease and rental	900	900	965	65
Interest expense - meter deposits	1,000	1,000	401	(599)
Collection expense	750	750	8	(742)
Cash (over) short	150	150	70	(80)
Contingency	150,000	150,000	-	(150,000)
Insurance - property	274,540	274,540	254,856	(19,684)
Advertising	1,500	1,500	3,484	1,984
Travel and training	10,350	10,350	8,875	(1,475)
Office supplies	44,600	44,600	54,014	9,414
Postage	212,000	212,000	192,100	(19,900)
Subscriptions and memberships	2,392	2,392	1,670	(722)
Total operation and maintenance	\$ 1,184,729	\$ 1,184,729	\$ 997,788	\$ (186,941)

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
BUDGETARY COMPARISON SCHEDULE  
FOR THE YEAR ENDED DECEMBER 31, 2019

CAPITAL OUTLAY

FINANCE

	<u>Budgeted Amounts</u>		<u>Actual</u>	<u>Actual Over (Under) Budget</u>
	<u>Original</u>	<u>Final</u>		
CAPITAL OUTLAY				
Computer and office equipment	\$ 26,000	\$ 26,000	\$ 16,218	\$ (9,782)
Transfer to Debt Service Fund	5,358,102	5,358,102	4,576,368	(781,734)
Transfer to Water Development Fund	<u>1,312,503</u>	<u>1,312,503</u>	<u>2,248,429</u>	<u>935,926</u>
Total capital outlay	<u>\$ 6,696,605</u>	<u>\$ 6,696,605</u>	<u>\$ 6,841,015</u>	<u>\$ 144,410</u>

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
BUDGETARY COMPARISON SCHEDULE  
FOR THE YEAR ENDED DECEMBER 31, 2019

PERSONNEL SERVICES

INFORMATION SYSTEMS

	Budgeted Amounts			Actual Over (Under)
	Original	Final	Actual	Budget
SALARIES & WAGES				
Manager	\$ 100,494	\$ 100,494	\$ 99,708	\$ (786)
Specialist	246,955	246,955	229,909	(17,046)
Skills and trades	122,812	122,812	106,271	(16,541)
Part-time/ temporary	13,151	13,151	13,382	231
Overtime	7,500	7,500	3,012	(4,488)
Total salaries and wages	490,912	490,912	452,282	(38,630)
BENEFITS				
Longevity	3,610	3,610	2,969	(641)
Employee assistance	134	134	137	3
Social security	36,409	36,409	38,122	1,713
Pension	11,934	11,934	12,910	976
Health insurance	92,320	92,320	82,719	(9,601)
Dental insurance	4,600	4,600	4,956	356
Disability insurance	3,292	3,292	3,005	(287)
Life insurance	5,376	5,376	4,923	(453)
Sick leave	23,315	23,315	25,920	2,605
Vacation leave	32,164	32,164	32,030	(134)
Total benefits	213,154	213,154	207,691	(5,463)
Total personnel services	\$ 704,066	\$ 704,066	\$ 659,973	\$ (44,093)

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
BUDGETARY COMPARISON SCHEDULE  
FOR THE YEAR ENDED DECEMBER 31, 2019

OPERATION AND MAINTENANCE

INFORMATION SYSTEMS

	Budgeted Amounts			Actual Over (Under)
	Original	Final	Actual	Budget
OPERATION AND MAINTENANCE				
Outside services	\$ 398,875	\$ 398,875	\$ 336,663	\$ (62,212)
Utilities	5,000	5,000	1,040	(3,960)
Maintenance - office equipment	4,500	4,500	4,643	143
Equipment lease and rental	600	600	608	8
Travel and training	19,200	19,200	12,548	(6,652)
Office supplies	114,700	114,700	73,815	(40,885)
Subscriptions and memberships	3,750	3,750	175	(3,575)
Total operation and maintenance	\$ 546,625	\$ 546,625	\$ 429,492	\$ (117,133)

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
BUDGETARY COMPARISON SCHEDULE  
FOR THE YEAR ENDED DECEMBER 31, 2019

CAPITAL OUTLAY

INFORMATION SYSTEMS

	<u>Budgeted Amounts</u>		<u>Actual</u>	<u>Actual</u>
	<u>Original</u>	<u>Final</u>		<u>Over (Under) Budget</u>
CAPITAL OUTLAY				
Computer and office equipment	\$ <u>216,000</u>	\$ <u>216,000</u>	\$ <u>153,890</u>	\$ <u>(62,110)</u>

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
BUDGETARY COMPARISON SCHEDULE  
FOR THE YEAR ENDED DECEMBER 31, 2019

PERSONNEL SERVICES

WATER QUALITY AND TREATMENT

	Budgeted Amounts			Actual Over (Under)
	Original	Final	Actual	Budget
<b>SALARIES &amp; WAGES</b>				
Division manager	\$ 131,042	\$ 131,042	\$ 121,162	\$ (9,880)
Manager	112,724	112,724	105,960	(6,764)
Supervision	187,911	187,911	172,330	(15,581)
Specialist	223,009	223,009	208,439	(14,570)
Skills and trades	1,453,174	1,453,174	1,427,241	(25,933)
Part time/ temporary	106,255	106,255	62,089	(44,166)
Overtime	75,000	75,000	146,394	71,394
Total salaries and wages	2,289,115	2,289,115	2,243,615	(45,500)
<b>BENEFITS</b>				
Longevity	13,717	13,717	13,791	74
Employee assistance	647	647	685	38
Social security	166,820	166,820	190,180	23,360
Pension	57,707	57,707	62,604	4,897
Health insurance	393,327	393,327	346,594	(46,733)
Dental insurance	19,567	19,567	20,477	910
Disability insurance	14,236	14,236	14,985	749
Life insurance	23,679	23,679	24,500	821
Sick leave	107,703	107,703	124,414	16,711
Vacation leave	142,754	142,754	157,041	14,287
Total benefits	940,157	940,157	955,271	15,114
Total personnel services	\$ 3,229,272	\$ 3,229,272	\$ 3,198,886	\$ (30,386)

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
BUDGETARY COMPARISON SCHEDULE  
FOR THE YEAR ENDED DECEMBER 31, 2019

OPERATION AND MAINTENANCE

WATER QUALITY AND TREATMENT

	<u>Budgeted Amounts</u>			Actual Over (Under)
	<u>Original</u>	<u>Final</u>	<u>Actual</u>	<u>Budget</u>
OPERATION AND MAINTENANCE				
Outside services	\$ 132,600	\$ 132,600	\$ 94,810	\$ (37,790)
Utilities	1,231,400	1,231,400	1,063,089	(168,311)
Repair and maintenance - equipment	16,500	16,500	4,372	(12,128)
Maintenance - office equipment	1,050	1,050	877	(173)
Chemical (over) short	2,500	2,500	(2,916)	(5,416)
Travel and training	7,150	7,150	765	(6,385)
Office supplies	2,850	2,850	2,047	(803)
Safety	4,700	4,700	5,406	706
Chemicals	838,000	838,000	874,217	36,217
Laboratory	121,000	121,000	112,958	(8,042)
Subscriptions and memberships	<u>650</u>	<u>650</u>	<u>421</u>	<u>(229)</u>
Total operation and maintenance	<u>\$ 2,358,400</u>	<u>\$ 2,358,400</u>	<u>\$ 2,156,046</u>	<u>\$ (202,354)</u>



BOARD OF WATER WORKS OF PUEBLO, COLORADO  
BUDGETARY COMPARISON SCHEDULE  
FOR THE YEAR ENDED DECEMBER 31, 2019

CAPITAL OUTLAY

WATER QUALITY AND TREATMENT

	<u>Budgeted Amounts</u>		<u>Actual</u>	<u>Actual</u>
	<u>Original</u>	<u>Final</u>		<u>Over (Under) Budget</u>
CAPITAL OUTLAY				
Lab equipment	\$ <u>104,600</u>	\$ <u>104,600</u>	\$ <u>103,630</u>	\$ <u>(970)</u>

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
BUDGETARY COMPARISON SCHEDULE  
FOR THE YEAR ENDED DECEMBER 31, 2019

PERSONNEL SERVICES

TRANSMISSION, DISTRIBUTION AND ENGINEERING

	Budgeted Amounts			Actual Over (Under)
	Original	Final	Actual	Budget
SALARIES & WAGES				
Division manager	\$ 126,560	\$ 126,560	\$ 118,772	\$ (7,788)
Manager	330,022	330,022	305,034	(24,988)
Supervision	192,538	192,538	179,688	(12,850)
Specialist	140,609	140,609	144,236	3,627
Skills and trades	2,940,948	2,940,948	2,495,285	(445,663)
Part-time/ temporary	80,239	80,239	59,579	(20,660)
Overtime	125,000	125,000	190,888	65,888
Total salaries and wages	3,935,916	3,935,916	3,493,482	(442,434)
BENEFITS				
Longevity	28,216	28,216	25,794	(2,422)
Employee assistance	1,317	1,317	1,338	21
Social security	286,018	286,018	313,071	27,053
Pension	109,080	109,080	108,415	(665)
Health insurance	766,084	766,084	616,537	(149,547)
Dental insurance	38,907	38,907	37,448	(1,459)
Disability insurance	26,114	26,114	25,594	(520)
Life insurance	42,799	42,799	41,966	(833)
Sick leave	189,520	189,520	223,112	33,592
Vacation leave	251,321	251,321	270,694	19,373
Total benefits	1,739,376	1,739,376	1,663,969	(75,407)
Total personnel services	\$ 5,675,292	\$ 5,675,292	\$ 5,157,451	\$ (517,841)

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
BUDGETARY COMPARISON SCHEDULE  
FOR THE YEAR ENDED DECEMBER 31, 2019

OPERATION AND MAINTENANCE

TRANSMISSION, DISTRIBUTION AND ENGINEERING

	Budgeted Amounts			Actual Over (Under)
	Original	Final	Actual	Budget
OPERATION AND MAINTENANCE				
Outside services	\$ 228,057	\$ 228,057	\$ 65,861	\$ (162,196)
Engineering consulting	8,000	8,000	5,260	(2,740)
Utilities	111,200	111,200	100,936	(10,264)
Auto and truck	131,000	131,000	132,117	1,117
Repair and maintenance - equipment	7,000	7,000	3,156	(3,844)
Maintenance - office equipment	20,250	20,250	16,398	(3,852)
Maintenance - mains	158,000	158,000	346,102	188,102
Maintenance - meters	9,000	9,000	12,767	3,767
Maintenance - hydrants	15,500	15,500	15,374	(126)
Maintenance - valves	19,000	19,000	30,149	11,149
Maintenance - cathodic protection	3,500	3,500	789	(2,711)
Private water service lines	420,000	420,000	421,203	1,203
Service lines	20,000	20,000	32,186	12,186
Tool replacement	90,400	90,400	54,960	(35,440)
Barricades	2,500	2,500	1,077	(1,423)
Warehouse (over) short	6,000	6,000	10,661	4,661
Uninsured small claims	10,000	10,000	6,036	(3,964)
Communication	1,300	1,300	-	(1,300)
Travel and training	33,150	33,150	16,475	(16,675)
Gasoline and oil	145,000	145,000	174,623	29,623
Office supplies	12,200	12,200	6,435	(5,765)
Shop supplies	15,000	15,000	13,843	(1,157)
Safety	14,500	14,500	5,608	(8,892)
Meter shop supplies	3,500	3,500	1,831	(1,669)
Subscriptions and memberships	13,625	13,625	10,288	(3,337)
Total operation and maintenance	\$ 1,497,682	\$ 1,497,682	\$ 1,484,135	\$ (13,547)

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
BUDGETARY COMPARISON SCHEDULE  
FOR THE YEAR ENDED DECEMBER 31, 2019

CAPITAL OUTLAY

TRANSMISSION, DISTRIBUTION AND ENGINEERING

	<u>Budgeted Amounts</u>			Actual Over (Under)
	<u>Original</u>	<u>Final</u>	<u>Actual</u>	<u>Budget</u>
CAPITAL OUTLAY				
Mains	\$ 2,546,000	\$ 2,546,000	\$ 2,648,622	\$ 102,622
Valves	43,000	43,000	15,901	(27,099)
Meters	942,000	942,000	975,939	33,939
Fire hydrants	65,000	65,000	58,186	(6,814)
Taps	12,000	12,000	10,618	(1,382)
Cathodic protection	82,500	82,500	36,691	(45,809)
Computer and office equipment	5,000	5,000	-	(5,000)
Transportation	<u>412,500</u>	<u>412,500</u>	<u>484,517</u>	<u>72,017</u>
Total capital outlay	<u>\$ 4,108,000</u>	<u>\$ 4,108,000</u>	<u>\$ 4,230,474</u>	<u>\$ 122,474</u>

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
BUDGETARY COMPARISON SCHEDULE  
FOR THE YEAR ENDED DECEMBER 31, 2019

PERSONNEL SERVICES

FACILITIES OPERATION AND MAINTENANCE

	Budgeted Amounts			Actual Over (Under)
	Original	Final	Actual	Budget
SALARIES & WAGES				
Manager	\$ 112,724	\$ 112,724	\$ 103,958	\$ (8,766)
Specialist	139,349	139,349	131,442	(7,907)
Skills and trades	389,948	389,948	337,834	(52,114)
Part-time/ temporary	18,423	18,423	18,281	(142)
Overtime	70,000	70,000	32,533	(37,467)
Total salaries and wages	730,444	730,444	624,048	(106,396)
BENEFITS				
Longevity	3,610	3,610	3,304	(306)
Employee assistance	156	156	192	36
Social security	49,743	49,743	52,500	2,757
Pension	19,261	19,261	16,722	(2,539)
Health insurance	119,586	119,586	101,509	(18,077)
Dental insurance	6,520	6,520	6,208	(312)
Disability insurance	3,761	3,761	3,965	204
Life insurance	7,331	7,331	6,477	(854)
Sick leave	32,145	32,145	33,947	1,802
Vacation leave	42,631	42,631	42,855	224
Total benefits	284,744	284,744	267,679	(17,065)
Total personnel services	\$ 1,015,188	\$ 1,015,188	\$ 891,727	\$ (123,461)

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
BUDGETARY COMPARISON SCHEDULE  
FOR THE YEAR ENDED DECEMBER 31, 2019

OPERATION AND MAINTENANCE

FACILITIES OPERATION AND MAINTENANCE

	<u>Budgeted Amounts</u>			Actual Over (Under)
	<u>Original</u>	<u>Final</u>	<u>Actual</u>	<u>Budget</u>
OPERATION AND MAINTENANCE				
Outside services	\$ 294,090	\$ 294,090	\$ 286,989	\$ (7,101)
Engineering consulting	28,000	28,000	13,300	(14,700)
Utilities	1,912,700	1,912,700	1,728,925	(183,775)
Repair and maintenance - equipment	212,900	212,900	245,493	32,593
Maintenance - building	819,200	819,200	781,072	(38,128)
Communication	8,550	8,550	7,050	(1,500)
Tool replacement	18,640	18,640	23,441	4,801
Travel and training	6,920	6,920	3,509	(3,411)
Office supplies	900	900	158	(742)
Safety supplies	11,750	11,750	13,484	1,734
Janitorial supplies	10,000	10,000	12,104	2,104
Subscriptions and memberships	<u>30,860</u>	<u>30,860</u>	<u>9,250</u>	<u>(21,610)</u>
Total operation and maintenance	<u>\$ 3,354,510</u>	<u>\$ 3,354,510</u>	<u>\$ 3,124,775</u>	<u>\$ (229,735)</u>

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
BUDGETARY COMPARISON SCHEDULE  
FOR THE YEAR ENDED DECEMBER 31, 2019

CAPITAL OUTLAY

FACILITIES OPERATION AND MAINTENANCE

	<u>Budgeted Amounts</u>			Actual Over (Under)
	<u>Original</u>	<u>Final</u>	<u>Actual</u>	<u>Budget</u>
CAPITAL OUTLAY				
Improvements and replacements	\$ 5,010,000	\$ 5,010,000	\$ 1,013,690	\$ (3,996,310)
Communication	10,500	10,500	2,867	(7,633)
Computer and office equipment	78,750	78,750	89,931	11,181
Pumping equipment	466,500	466,500	223,229	(243,271)
Treating equipment	<u>745,000</u>	<u>745,000</u>	<u>529,329</u>	<u>(215,671)</u>
 Total capital outlay	 <u>\$ 6,310,750</u>	 <u>\$ 6,310,750</u>	 <u>\$ 1,859,046</u>	 <u>\$ (4,451,704)</u>

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
BUDGETARY COMPARISON SCHEDULE  
FOR THE YEAR ENDED DECEMBER 31, 2019

PERSONNEL SERVICES

WATER RESOURCES

	Budgeted Amounts			Actual Over (Under)
	Original	Final	Actual	Budget
SALARIES & WAGES				
Division manager	\$ 131,042	\$ 131,042	\$ 120,660	\$ (10,382)
Supervision	96,269	96,269	87,907	(8,362)
Specialist	79,122	79,122	74,690	(4,432)
Total salaries and wages	306,433	306,433	283,257	(23,176)
BENEFITS				
Longevity	1,925	1,925	2,138	213
Employee assistance	67	67	72	5
Social security	23,637	23,637	25,004	1,367
Pension	6,819	6,819	9,354	2,535
Health insurance	32,198	32,198	31,317	(881)
Dental insurance	1,737	1,737	1,798	61
Disability insurance	2,145	2,145	2,183	38
Life insurance	3,497	3,497	3,571	74
Sick leave	16,493	16,493	19,304	2,811
Vacation leave	22,123	22,123	23,272	1,149
Total benefits	110,641	110,641	118,013	7,372
Total personnel services	\$ 417,074	\$ 417,074	\$ 401,270	\$ (15,804)



BOARD OF WATER WORKS OF PUEBLO, COLORADO  
BUDGETARY COMPARISON SCHEDULE  
FOR THE YEAR ENDED DECEMBER 31, 2019

OPERATION AND MAINTENANCE

WATER RESOURCES

	Budgeted Amounts			Actual Over (Under)
	Original	Final	Actual	Budget
OPERATION AND MAINTENANCE				
Outside services	\$ 160,400	\$ 160,400	\$ 168,599	\$ 8,199
Consulting services	52,500	52,500	18,590	(33,910)
Comanche return flow	750	750	21	(729)
Homestake Aurora	7,500	7,500	7,500	-
Twin Lakes water rights	344,305	344,305	344,305	-
Busk Ivanhoe water rights	225,000	225,000	225,000	-
Water storage and transportation	297,200	297,200	296,453	(747)
Short-term water purchases	18,565	18,565	19,559	994
Utilities	16,600	16,600	24,050	7,450
Maintenance - equipment	17,000	17,000	1,079	(15,921)
Maintenance - office equipment	1,500	1,500	807	(693)
Tool replacement	2,600	2,600	682	(1,918)
Clear Creek reservoir	9,400	9,400	4,385	(5,015)
Wurtz ditch	1,000	1,000	348	(652)
Wurtz extension	1,000	1,000	-	(1,000)
Ewing ditch	1,000	1,000	130	(870)
Ranch property maintenance	8,500	8,500	4,894	(3,606)
Dwelling - Leadville	1,000	1,000	3,190	2,190
Dwelling - Clear Creek	2,000	2,000	2,432	432
Snowplowing operations	35,000	35,000	47,263	12,263
Transmountain maintenance	70,000	70,000	52,359	(17,641)
Travel and training	38,500	38,500	42,841	4,341
Office supplies	1,000	1,000	79	(921)
Subscriptions and memberships	4,810	4,810	3,426	(1,384)
Total operation and maintenance	<u>\$ 1,317,130</u>	<u>\$ 1,317,130</u>	<u>\$ 1,267,992</u>	<u>\$ (49,138)</u>

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
BUDGETARY COMPARISON SCHEDULE  
FOR THE YEAR ENDED DECEMBER 31, 2019

CAPITAL OUTLAY

WATER RESOURCES

	<u>Budgeted Amounts</u>		<u>Actual</u>	<u>Actual</u>
	<u>Original</u>	<u>Final</u>		<u>Over (Under) Budget</u>
CAPITAL OUTLAY				
Expansion	\$ <u>140,000</u>	\$ <u>140,000</u>	\$ <u>-</u>	\$ <u>(140,000)</u>

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
BUDGETARY COMPARISON SCHEDULE  
FOR THE YEAR ENDED DECEMBER 31, 2019

PERSONNEL SERVICES

HUMAN RESOURCES

	Budgeted Amounts			Actual Over (Under)
	Original	Final	Actual	Budget
SALARIES & WAGES				
Manager	\$ 79,218	\$ 79,218	\$ 81,195	\$ 1,977
Specialist	264,398	264,398	238,541	(25,857)
Part-time/ temporary	21,063	21,063	-	(21,063)
Overtime	-	-	1,124	1,124
Total salaries and wages	364,679	364,679	320,860	(43,819)
BENEFITS				
Longevity	1,203	1,203	1,200	(3)
Employee assistance	89	89	114	25
Social security	28,145	28,145	32,125	3,980
Pension	10,309	10,309	9,947	(362)
Defined benefit pension plan	1,493,460	1,493,460	2,212,436	718,976
Worker's compensation insurance	401,450	401,450	323,718	(77,732)
Unemployment insurance	1,500	1,500	-	(1,500)
Health insurance	41,650	41,650	39,593	(2,057)
Health insurance - retirees	55,000	55,000	84,486	29,486
Dental insurance	3,045	3,045	3,432	387
Disability insurance	1,851	1,851	2,367	516
Life insurance	3,930	3,930	3,873	(57)
Life insurance - retirees	12,000	12,000	14,649	2,649
Sick leave	15,932	15,932	17,836	1,904
Vacation leave	19,712	19,712	21,706	1,994
Total benefits	2,089,276	2,089,276	2,767,482	678,206
Total personnel services	\$ 2,453,955	\$ 2,453,955	\$ 3,088,342	\$ 634,387

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
BUDGETARY COMPARISON SCHEDULE  
FOR THE YEAR ENDED DECEMBER 31, 2019

OPERATION AND MAINTENANCE

HUMAN RESOURCES

	<u>Budgeted Amounts</u>			Actual Over (Under)
	<u>Original</u>	<u>Final</u>	<u>Actual</u>	<u>Budget</u>
OPERATION AND MAINTENANCE				
Outside services	\$ 69,355	\$ 69,355	\$ 69,489	\$ 134
Employment costs	63,235	63,235	24,769	(38,466)
Utilities	700	700	1,100	400
Maintenance - office equipment	-	-	1,366	1,366
Health reimbursement - In-patient copay	60,000	60,000	112,360	52,360
Pension supplement	135,427	135,427	120,730	(14,697)
Travel and training	49,850	49,850	35,456	(14,394)
Office supplies	4,040	4,040	1,928	(2,112)
Subscriptions and memberships	<u>9,555</u>	<u>9,555</u>	<u>9,149</u>	<u>(406)</u>
Total operation and maintenance	<u>\$ 392,162</u>	<u>\$ 392,162</u>	<u>\$ 376,347</u>	<u>\$ (15,815)</u>

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
BUDGETARY COMPARISON SCHEDULE  
FOR THE YEAR ENDED DECEMBER 31, 2019

CAPITAL OUTLAY

HUMAN RESOURCES

	<u>Budgeted Amounts</u>		<u>Actual</u>	<u>Actual Over (Under) Budget.</u>
	<u>Original</u>	<u>Final</u>		
CAPITAL OUTLAY				
Computer and office equipment	\$ <u>10,000</u>	\$ <u>10,000</u>	\$ <u>8,737</u>	\$ <u>(1,263)</u>

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
BUDGETARY COMPARISON SCHEDULE  
REVENUES BY SOURCE AND EXPENDITURES BY OBJECT  
FOR THE YEAR ENDED DECEMBER 31, 2019

WATER DEVELOPMENT FUND

	Budgeted Amounts			Actual Over (Under)
	Original	Final	Actual	Budget
NONOPERATING REVENUES				
Interest income	\$ 151,220	\$ 151,220	\$ 161,616	\$ 10,396
Net transfer from general fund	1,312,503	1,312,503	2,248,429	935,926
Contribution from reserve	<u>576,777</u>	<u>576,777</u>	<u>-</u>	<u>(576,777)</u>
Total nonoperating revenues	<u>2,040,500</u>	<u>2,040,500</u>	<u>2,410,045</u>	<u>369,545</u>
EXPENDITURES				
Outside services	1,440,500	1,440,500	553,860	(886,640)
Capital improvements	100,000	100,000	-	(100,000)
Bessemer escrow	500,000	500,000	600,000	100,000
Contribution to (from) reserve	<u>-</u>	<u>-</u>	<u>1,256,185</u>	<u>1,256,185</u>
Total expenditures	<u>2,040,500</u>	<u>2,040,500</u>	<u>2,410,045</u>	<u>369,545</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES				
	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
BUDGETARY COMPARISON SCHEDULE  
REVENUES BY SOURCE AND EXPENDITURES BY OBJECT  
FOR THE YEAR ENDED DECEMBER 31, 2019

DEBT SERVICE FUND

	Budgeted Amounts		Actual	Actual Over (Under)
	Original	Final		Budget
NONOPERATING REVENUES				
Interest income	\$ 10,000	\$ 10,000	\$ 99,311	\$ 89,311
Gain on sale of investments	-	-	42,019	42,019
Contribution from general fund	5,358,102	5,358,102	4,576,368	(781,734)
Total nonoperating revenues	5,368,102	5,368,102	4,717,698	(650,404)
DEBT RETIREMENT				
Contribution to reserve	10,000	10,000	141,330	131,330
Principal - Series 2015	2,774,167	2,774,167	2,774,167	-
Principal - Series 2000B	386,904	386,904	386,904	-
Principal - Series 2009	436,667	436,667	145,000	(291,667)
Principal - Series 2019	111,450	111,450	-	(111,450)
Interest - Series 2015	265,133	265,133	265,133	-
Interest - Series 2000B	236,973	236,973	236,973	-
Interest - Series 2009	812,456	812,456	228,491	(583,965)
Interest - Series 2019	334,352	334,352	539,700	205,348
Total debt retirement	5,368,102	5,368,102	4,717,698	(650,404)
EXCESS (DEFICIENCY) OF REVENUES OVER DEBT RETIREMENT	\$ -	\$ -	\$ -	\$ -

## STATISTICAL SECTION





### Statistical Section Contents and Explanation

The statistical section of the Board of Water Works of Pueblo, Colorado's ("Pueblo Water") comprehensive annual financial report presents detailed information to provide context for users of the Pueblo Water's financial statements. The information presented allows users to obtain a better understanding of the Pueblo Water's overall financial health and stability.

While care has been taken to provide adequate explanation of the information provided, should questions remain please direct them to:

Director of Administrative Services  
Board of Water Works of Pueblo, Colorado  
P.O. Box 400  
Pueblo, Colorado 81002-0400

### Financial Trends Information

This section provides information related to Pueblo Water's net position, revenues, expenses, and changes in net position for the years ended 2010 through 2019. Also included in this section is information related to Pueblo Water's performance based upon several financial health ratios. During the period 2010 to 2019, Pueblo Water received significant one-time revenues, an explanation of this revenue can be found in the transmittal letter in section I of this report.

### Revenue Capacity Information

Information provided in this section is intended to provide users with information about Pueblo Water's customers, revenue concentrations, service area, and historical consumption.

### Debt Capacity Information

Retaining sufficient debt capacity is of major importance for companies that operate in capital intense environments. This section provides information related to Pueblo Water's outstanding debt, coverage ratios, and debt per capita over the past ten years.

### Demographic and Economic Information

The information in this section is intended to provide the user with an idea of the overall economy in which Pueblo Water operates. Where possible information for the past ten years has been provided, otherwise information has been limited to what is available.

## Statistical Section Contents and Explanation (Continued)

### Operating Information

This section shows information intended to provide additional insight into Pueblo Water's operation. The section focuses on the following:

- Number of full time employees at December 31 for the years 2010 through 2019.
- Customer payment demographics.
- Purchasing statistics.
- Capital assets by function.
- Facts pertaining to Pueblo Water's water supply for the years 2010 through 2019.
- A map of Pueblo Water's water collection system.
- Pump station capacities.
- Potable Water pumped and related energy costs for the years 2010 through 2019.
- Facts related to water quality.
- Facts related to Pueblo Water's transmission and distribution system.

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BOARD OF WATER WORKS OF PUEBLO, COLORADO  
STATISTICAL SUMMARY  
2019 - 2010

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Population served (inside-city)	113,077	111,240	112,019	110,652	109,532	107,914	107,682	107,808	107,924	108,221
Total treated water consumption (million gallons)	8,092	8,496	7,746	8,278	7,854	8,135	8,158	9,311	8,836	8,497
Average daily consumption (million gallons)	22	23	21	23	22	22	22	26	24	23
Average daily consumption per capita (gallons)	196	209	189	205	196	207	208	237	224	215
Maximum daily production (million gallons)	51	51	47	46	46	47	50	55	51	52
Maximum hour treated water use rate (million gallons per day)	2.13	2.13	1.96	1.92	1.92	1.96	2.08	2.29	2.13	2.17
Treated water pumped (million gallons)	8,456	9,030	8,260	8,868	8,307	8,611	8,781	9,775	9,438	9,030
Raw water storage capacity (acre-feet)	66,239	66,239	66,239	66,239	66,239	66,239	66,239	66,239	66,239	66,239
Supply from Arkansas River (acre-feet)	47,409	40,597	47,770	49,843	58,761	40,451	38,514	39,015	41,184	40,597
Supply from Colorado River (acre-feet)	21,291	14,211	17,247	20,177	16,174	24,780	21,122	11,511	26,068	28,672
Raw water pumping capacity (mgd)	228.00	228.00	228.00	228.00	228.00	228.00	228.00	228.00	228.00	228.00
Treatment plant capacity (mgd)	84.00	84.00	84.00	84.00	84.00	84.00	84.00	84.00	84.00	84.00
Treated water reservoir capacity (million gallons)	56.40	56.40	56.40	56.40	56.40	56.40	56.40	56.40	56.40	56.40
Transmission and distribution mains (miles)	582.07	581.44	580.87	580.05	580.05	579.54	579.23	572.37	570.99	570.65
Total active taps - end of year	40,762	40,629	40,419	40,213	40,090	39,760	39,879	39,792	39,554	39,739
Fire hydrants operated and maintained	4,154	4,141	4,113	4,077	4,043	4,028	3,996	3,985	3,975	3,967
Fire hydrants tested and repaired	923	836	823	1,265	1,087	917	947	1,215	1,549	429
Main breaks	44	38	48	31	45	45	57	48	47	54
Leak detection requests	877	741	729	903	873	869	931	868	1,022	1,012
Total employees (authorized)	136	137	137	137	137	137	137	137	137	139
Additions to capital assets	\$ 8,553,269	\$ 11,229,916	\$ 6,332,655	\$ 3,906,534	\$ 3,779,125	\$ 7,018,617	\$ 3,608,749	\$ 4,160,647	\$ 9,403,163	\$ 7,990,290
Total long-term debt	\$ 43,647,486	\$ 51,638,171	\$ 50,442,372	\$ 56,646,236	\$ 60,060,986	\$ 52,140,838	\$ 55,362,871	\$ 57,999,406	\$ 60,608,056	\$ 62,676,844

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
STATISTICAL SECTION  
A - FINANCIAL TRENDS INFORMATION

NET POSITION BY COMPONENT: 2019 - 2010

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
<b>NET POSITION:</b>										
Net investment in capital assets	\$ 209,217,181	\$ 200,689,437	\$ 193,454,852	\$ 188,344,588	\$ 184,962,820	\$ 183,247,758	\$ 179,956,407	\$ 178,594,400	\$ 176,696,123	\$ 169,183,876
Restricted for debt service funds	2,020,533	4,372,433	4,280,518	4,219,047	4,149,507	4,094,443	3,953,730	3,961,610	3,821,403	3,528,336
Unrestricted	12,538,188	10,767,684	14,640,598	14,908,577	13,491,255	21,513,209	21,929,084	21,980,207	19,211,351	22,328,457
<b>Total net position</b>	<b>\$ 223,775,902</b>	<b>\$ 215,829,554</b>	<b>\$ 212,375,968</b>	<b>\$ 207,472,212</b>	<b>\$ 202,603,582</b>	<b>\$ 208,855,410</b>	<b>\$ 205,839,221</b>	<b>\$ 204,536,217</b>	<b>\$ 199,728,877</b>	<b>\$ 195,040,669</b>

Note:

<sup>1</sup>Includes an adjustment to unrestricted net position for the balance of Pueblo Water's net pension liability of \$10,085,316 as of January 1, 2015, consistent with implementation of GASB 68.

<sup>2</sup>Includes an adjustment to unrestricted net position for the balance of Pueblo Water's total OPEB liability of \$3,965,432 as of January 1, 2018, consistent with implementation of GASB 75.

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
STATISTICAL SECTION  
A - FINANCIAL TRENDS INFORMATION

FINANCIAL CONDITION ANALYSIS: 2019 - 2010

	2019	2018	2017	2016	2015	2014	2013	2012	2011 <sup>5</sup>	2010
<sup>1</sup> Current Assets	\$ 36,226,557	\$ 32,704,378	\$ 33,654,741	\$ 35,016,489	\$ 33,143,143	\$ 30,521,335	\$ 30,004,713	\$ 29,704,470	\$ 26,649,141	\$ 31,215,942
Current Liabilities	10,788,704	10,586,318	10,126,090	9,566,480	9,358,399	8,989,309	7,543,746	7,133,749	6,720,818	8,125,938
LT Debt	43,647,486	51,638,171	50,442,372	56,646,236	60,060,986	52,140,838	55,362,871	57,999,406	60,608,056	62,676,844
Equity	223,775,902	215,829,554	212,375,968	207,472,212	202,603,582	208,855,410	205,839,221	204,536,217	199,728,877	195,040,669
Interest Expense	1,101,695	1,439,260	1,544,378	1,646,457	1,803,797	2,328,172	2,437,835	2,514,700	2,605,852	2,707,720
<sup>2</sup> Net Revenue	14,385,483	13,407,764	10,222,896	12,332,798	11,221,329	10,854,801	9,072,256	12,003,270	10,312,786	14,455,935
Annual Debt Svc	4,723,794	5,432,012	5,440,274	5,444,240	5,249,107	4,841,435	4,812,034	4,796,184	4,798,818	4,990,894
<sup>3</sup> Cash + Receivables	35,001,020	31,514,005	32,353,953	33,330,241	32,038,611	29,214,460	28,669,453	28,257,025	24,985,761	28,979,218
<sup>4</sup> Projected Daily Operational Exp	71,217	74,724	71,670	65,876	64,138	61,431	61,071	59,223	58,670	57,364
RATIOS										
Current Ratio	3.36	3.09	3.32	3.66	3.40	3.40	3.98	4.16	3.97	3.84
(Current assets/ current liabilities)										
Quick Ratio	3.24	2.98	3.20	3.48	3.25	3.25	3.80	3.96	3.72	3.57
(Cash+ accounts receivable/ current liabilities)										
Debt/ Equity Ratio	0.20	0.24	0.24	0.27	0.25	0.25	0.27	0.28	0.30	0.32
(LT debt/ equity)										
Debt Service Coverage	3.05	2.47	1.88	2.27	2.24	2.24	1.89	2.50	2.15	2.90
(Total rev-operating exp./ annual debt service)										
# of Days of Working Capital	491.47	421.74	451.43	505.96	475.56	475.56	469.44	477.13	425.87	505.18
#of Months of Working Capital	16.38	14.06	15.05	16.87	15.85	15.85	15.65	15.90	14.20	16.84
(Cash+receivables/ Avg. daily operational exp.)										

<sup>1</sup>For purposes of ratios involving current assets, investments classified as long-term have been included since they are available for sale.

<sup>2</sup>Net Revenue for this purpose is calculated as: operating revenue plus investment income and proceeds from the sale of assets

less operating expenses excluding noncash items such as depreciation and amortization, consistent with the Board's debt covenants.

<sup>3</sup>For purposes of this ratio all unrestricted investments are included with cash.

<sup>4</sup>Daily operational expense is calculated as operating expense less noncash items divided by 365 days.

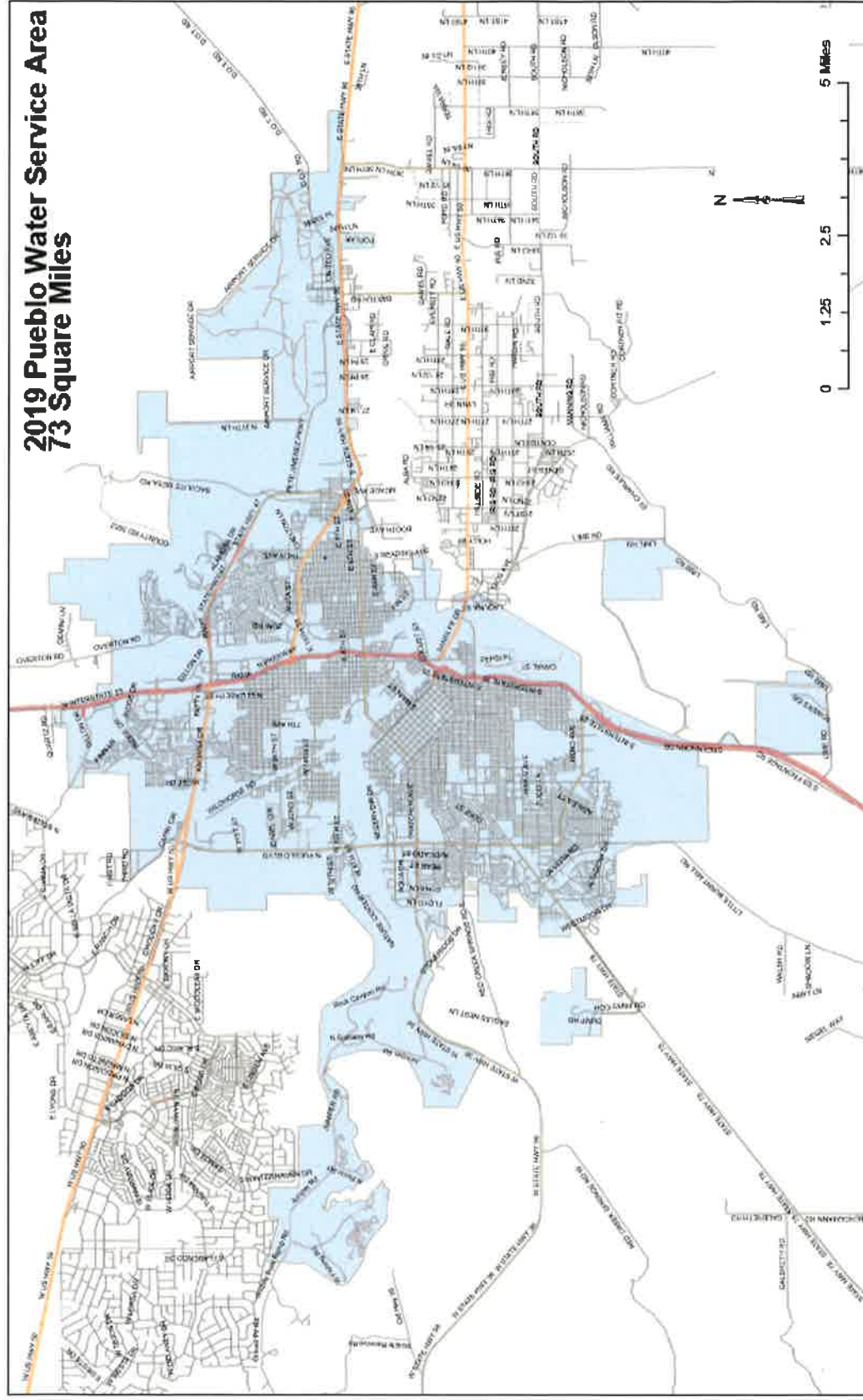
<sup>5</sup>Beginning in 2012 the Board implemented GASB 65 retroactively to 2011. Consequently, in 2011 and all future years the amount deferred on advance refundings is shown as a deferred outflow on the asset side of the balance sheet. This change affects the balance of long-term liabilities

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
STATISTICAL SECTION  
A - FINANCIAL TRENDS INFORMATION

STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET POSITION: 2019 - 2010

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
<b>OPERATING REVENUES:</b>										
Potable water	\$ 25,243,500	\$ 25,819,695	\$ 23,378,662	\$ 23,993,983	\$ 22,250,970	\$ 21,978,975	\$ 21,634,582	\$ 23,050,590	\$ 21,637,933	\$ 20,079,709
Non-potable water	10,731,736	10,123,904	9,646,525	9,090,388	9,473,606	9,048,907	7,492,801	8,331,494	8,132,725	7,218,775
Other	3,565,306	4,101,277	3,033,786	2,862,373	2,729,278	2,018,131	2,241,717	1,962,999	1,506,390	7,604,249
Total operating revenues	<u>39,540,542</u>	<u>40,044,876</u>	<u>36,058,973</u>	<u>35,946,744</u>	<u>34,453,854</u>	<u>33,046,013</u>	<u>31,369,100</u>	<u>33,345,083</u>	<u>31,277,048</u>	<u>34,902,733</u>
<b>OPERATING EXPENSES:</b>										
Source of supply, pumping, treatment and distribution	11,939,259	11,964,414	11,462,596	11,496,618	11,153,896	10,889,607	10,643,609	10,534,768	10,262,566	10,101,402
General and administrative	11,335,082	11,972,953	11,331,448	11,105,239	10,657,272	9,934,939	9,899,263	9,285,611	9,263,565	9,060,875
Customer service	2,240,512	2,191,139	2,160,741	2,106,660	2,116,153	1,907,521	1,945,862	1,875,729	1,939,740	1,868,288
Depreciation and amortization	6,057,119	5,872,533	5,560,582	5,372,756	5,354,330	5,245,535	5,214,865	5,101,395	5,646,756	4,886,852
Total operating expenses	<u>31,571,972</u>	<u>32,001,039</u>	<u>30,515,367</u>	<u>30,081,273</u>	<u>29,281,651</u>	<u>27,977,602</u>	<u>27,703,599</u>	<u>26,797,503</u>	<u>27,112,627</u>	<u>25,917,417</u>
<b>OPERATING INCOME</b>	<u>7,968,570</u>	<u>8,043,837</u>	<u>5,543,606</u>	<u>5,865,471</u>	<u>5,172,203</u>	<u>5,068,411</u>	<u>3,665,501</u>	<u>6,547,580</u>	<u>4,164,421</u>	<u>8,985,316</u>
<b>NONOPERATING REVENUES (EXPENSES):</b>										
Investment income	776,132	552,812	297,111	225,098	170,900	205,920	(47,477)	232,900	427,876	481,949
Interest expense, less capitalized interest	(1,101,695)	(1,439,260)	(1,544,378)	(1,646,457)	(1,803,797)	(2,328,172)	(2,437,835)	(2,514,700)	(2,605,852)	(2,707,720)
Sale of capital assets	62,901	84,207	26,500	42,738	1,702	25,288	41,545	41,560	22,380	9,050
Other income	-	-	-	-	-	-	-	-	-	69,521
Other expense	-	-	-	-	-	-	-	-	-	-
Total nonoperating expenses, net	<u>(262,662)</u>	<u>(802,241)</u>	<u>(1,220,767)</u>	<u>(1,378,621)</u>	<u>(1,631,195)</u>	<u>(2,096,964)</u>	<u>(2,443,767)</u>	<u>(2,240,240)</u>	<u>(2,155,596)</u>	<u>(2,147,200)</u>
<b>INCOME (LOSS) BEFORE CAPITAL CONTRIBUTIONS</b>	<u>7,705,908</u>	<u>7,241,596</u>	<u>4,322,839</u>	<u>4,486,850</u>	<u>3,541,008</u>	<u>2,971,447</u>	<u>1,221,734</u>	<u>4,307,340</u>	<u>2,008,825</u>	<u>6,838,116</u>
<b>OTHER REVENUES:</b>										
	<u>240,440</u>	<u>177,422</u>	<u>580,917</u>	<u>381,780</u>	<u>292,480</u>	<u>44,742</u>	<u>81,270</u>	<u>500,000</u>	<u>2,679,383</u>	<u>655,407</u>
<b>INCREASE IN NET POSITION</b>	<u>7,946,348</u>	<u>7,419,018</u>	<u>4,903,756</u>	<u>4,868,630</u>	<u>3,833,488</u>	<u>3,016,189</u>	<u>1,303,004</u>	<u>4,807,340</u>	<u>4,688,208</u>	<u>7,493,523</u>
<b>NET POSITION:</b>										
Beginning of year	<u>215,829,554</u>	<u>212,375,968</u>	<u>207,472,212</u>	<u>202,603,582</u>	<u>198,770,094</u>	<u>205,839,221</u>	<u>204,536,217</u>	<u>199,728,877</u>	<u>195,040,669</u>	<u>187,547,146</u>
End of year	<u>\$223,775,902</u>	<u>\$219,794,986</u>	<u>\$212,375,968</u>	<u>\$207,472,212</u>	<u>\$202,603,582</u>	<u>\$208,855,410</u>	<u>\$205,839,221</u>	<u>\$204,536,217</u>	<u>\$199,728,877</u>	<u>\$195,040,669</u>

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
STATISTICAL SECTION  
B - REVENUE CAPACITY INFORMATION



BOARD OF WATER WORKS OF PUEBLO, COLORADO  
STATISTICAL SECTION  
B - REVENUE CAPACITY INFORMATION

CUSTOMER SERVICE DATA: 2019 - 2010

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Active Taps:										
Beginning of Year	40,629	40,419	40,213	40,090	39,760	39,879	39,792	39,554	39,739	39,742
<sup>1</sup> Activated During Year	4,864	4,665	5,323	6,315	6,291	4,477	2,995	6,450	6,532	6,345
<sup>1</sup> Discontinued During Year	(4,731)	(4,455)	(5,117)	(6,192)	(5,961)	(4,596)	(2,908)	(6,212)	(6,717)	(6,348)
<sup>1</sup> Net Increase During Year	133	210	206	123	330	(119)	87	238	(185)	(3)
Total Active Taps - End of Year	40,762	40,629	40,419	40,213	40,090	39,760	39,879	39,792	39,554	39,739

Active Taps:										
Inside City:										
Residential	34,814	34,657	34,459	34,355	34,299	34,008	34,080	34,070	33,863	34,059
Commercial	2,571	2,592	2,593	2,536	2,482	2,340	2,326	2,283	2,276	2,272
Multi-unit	1,966	1,970	1,973	1,997	1,995	1,889	1,984	1,966	1,968	1,986
Other	904	901	890	827	814	1,035	1,003	983	960	934
Outside City:										
Residential	435	440	435	430	431	420	418	421	416	417
Commercial	36	35	34	33	34	33	33	34	34	34
Multi-unit	29	28	29	30	30	30	30	30	32	32
Other	7	6	6	5	5	5	5	5	5	5
Total Active Taps - End of Year	40,762	40,629	40,419	40,213	40,090	39,760	39,879	39,792	39,554	39,739

<sup>1</sup> Turn-Offs Due to Delinquent Accounts	3,853	3,899	3,754	3,436	3,915	3,845	3,859	3,001	3,307	3,199
<sup>1</sup> Average Number of Turn-Offs Per Month	321	325	313	286	326	320	322	250	276	267

<sup>1</sup> Prior to 2013 amounts include transfers of service.



BOARD OF WATER WORKS OF PUEBLO, COLORADO  
STATISTICAL SECTION  
B - REVENUE CAPACITY INFORMATION

WATER SOLD IN DOLLARS BY TYPE OF CUSTOMER: 2019 - 2010

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
<b>Sales of Treated Water</b>										
<b>Inside City Customers:</b>										
Residential	\$ 13,710,819	\$ 14,266,031	\$ 12,750,992	\$ 13,256,788	\$ 12,316,079	\$ 12,415,591	\$ 12,357,850	\$ 13,332,680	\$ 12,677,866	\$ 11,685,827
Commercial	7,271,774	7,481,351	6,912,971	7,006,028	6,398,245	6,189,891	5,979,352	6,128,085	5,556,303	5,159,438
Multi-Unit	2,467,941	2,449,519	2,366,165	2,358,612	2,279,362	2,180,303	2,111,552	2,146,763	2,095,805	1,983,529
Other	884,449	670,791	595,395	517,086	423,688	343,331	333,680	546,560	480,451	467,755
<b>Outside City Customers:</b>										
Residential	290,847	302,478	296,342	278,942	247,978	257,588	249,876	271,462	257,297	235,989
Commercial	452,656	399,286	383,776	424,639	417,249	413,510	423,882	454,629	407,318	399,159
Multi-Unit	173,535	157,224	155,917	161,844	167,402	177,310	176,982	169,049	161,684	146,872
Other	1,095	991	960	981	967	1,451	1,408	1,362	1,209	1,140
<b>Total Treated Water Sales</b>	<u>25,253,116</u>	<u>25,727,672</u>	<u>23,462,518</u>	<u>24,004,920</u>	<u>22,250,970</u>	<u>21,978,975</u>	<u>21,634,582</u>	<u>23,050,590</u>	<u>21,637,933</u>	<u>20,079,709</u>
<b>Sales of Nonpotable Water</b>	<u>10,731,736</u>	<u>10,123,904</u>	<u>9,646,525</u>	<u>9,090,388</u>	<u>9,473,606</u>	<u>9,048,907</u>	<u>7,492,801</u>	<u>8,331,494</u>	<u>8,132,726</u>	<u>7,218,775</u>
<b>Total Sales of Water</b>	<u>\$ 35,984,852</u>	<u>\$ 35,851,576</u>	<u>\$ 33,109,043</u>	<u>\$ 33,095,308</u>	<u>\$ 31,724,576</u>	<u>\$ 31,027,882</u>	<u>\$ 29,127,383</u>	<u>\$ 31,382,084</u>	<u>\$ 29,770,659</u>	<u>\$ 27,298,484</u>
<b>Rate Increase</b>	3.50%	2.75%	3.25%	3.00%	3.25%	3.00%	2.75%	3.50%	5.00%	5.00%

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
STATISTICAL SECTION  
B - REVENUE CAPACITY INFORMATION

WATER SOLD IN THOUSAND GALLONS BY TYPE OF CUSTOMER: 2019 - 2010

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Sales of Treated Water										
Inside City Customers:										
Residential	3,566,276	3,951,223	3,536,203	3,896,519	3,620,259	3,885,448	4,007,476	4,607,073	4,506,742	4,400,613
Commercial	2,448,436	2,533,371	2,426,554	2,458,477	2,304,341	2,321,108	2,291,189	2,495,064	2,327,748	2,211,708
Multi-Unit	688,743	716,931	726,705	727,709	718,153	719,764	714,411	770,595	778,514	762,409
Other	1,199,747	1,112,256	875,740	998,784	1,015,600	1,001,435	930,611	1,203,321	999,662	900,861
Outside City Customers:										
Residential	50,890	55,836	56,314	54,987	48,978	54,476	54,052	62,546	61,323	58,222
Commercial	103,520	94,186	92,640	106,694	108,772	110,357	116,956	129,756	120,045	123,411
Multi-Unit	34,338	31,854	32,187	34,947	37,904	41,956	43,324	42,643	42,124	39,955
Other	-	-	-	-	-	-	-	-	-	-
Total Consumption	8,091,950	8,495,657	7,746,343	8,278,117	7,854,007	8,134,544	8,158,019	9,310,998	8,836,158	8,497,179
Annual Precipitation in Inches	13.11	6.70	15.50	11.97	16.61	11.86	9.67	4.96	9.23	11.63

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
STATISTICAL SECTION  
B - REVENUE CAPACITY INFORMATION

SUMMARY OF WATER RATES: 2019 - 2010

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
<u>Treated Water - Inside City</u>										
Monthly Service Charge by Meter Size (includes first 2,000 gallons):										
3/4"	\$ 12.33	\$ 11.91	\$ 11.59	\$ 11.23	\$ 10.90	\$ 10.56	\$ 10.25	\$ 9.98	\$ 9.64	\$ 9.18
1"	15.76	15.23	14.82	14.35	13.93	13.49	13.10	12.75	12.32	11.73
1-1/2"	26.23	25.34	24.66	23.88	23.18	22.45	21.80	21.22	20.50	19.52
2"	41.95	40.53	39.45	38.21	37.10	35.93	34.88	33.95	32.80	31.24
3"	78.68	76.02	73.99	71.66	69.57	67.38	65.42	63.67	61.52	58.59
4"	118.88	114.86	111.79	108.27	105.12	101.81	98.84	96.19	92.94	87.85
6"	196.59	189.94	184.86	179.04	173.83	168.36	163.46	159.09	153.71	146.39
8"	262.22	253.35	246.57	238.81	231.85	224.55	218.01	212.18	205.00	195.24
Multiple Dwelling Units: <sup>1</sup>										
Additional Units	6.81	6.58	6.40	6.20	6.02	5.83	5.66	5.51	5.32	5.07
Volume Charge	2.83	2.73	2.66	2.58	2.50	2.42	2.35	2.29	2.21	2.10
<u>Treated Water - Private Fire Protection</u>										
Monthly Service Charge by Meter Size										
3"	15.80	15.27	14.86	14.39	13.97	13.53	13.14	12.79	12.36	11.77
4"	18.00	17.39	16.92	16.39	15.91	15.41	14.96	14.56	14.07	13.40
6"	28.62	27.65	26.91	26.06	25.30	24.50	23.79	23.15	22.37	21.30
8"	39.29	37.96	36.94	35.78	34.74	33.65	32.67	31.80	30.72	29.26
10"	49.90	48.21	46.92	45.44	44.12	42.73	41.49	40.38	39.01	37.15
12"	60.56	58.51	56.94	55.15	53.54	51.85	50.34	48.99	47.33	45.08
Treated Water - Public Fire Protection	19.65	18.99	18.48	17.90	16.83	16.83	16.34	15.90	15.36	14.63
<u>Treated Water - Metered Hydrant Sales</u>										
Monthly Service Charge (includes first 2,000 gallons)	19.65	18.99	18.48	17.90	17.38	16.83	16.34	15.90	15.36	14.63
Volume Charge	4.25	4.11	4.00	3.87	3.76	3.64	3.53	3.44	3.32	3.16
<u>Treated Water - Outside City</u>										
Monthly Service Charge by Meter Size (includes first 2,000 gallons):										
3/4"	18.50	17.87	17.39	16.84	16.35	15.84	15.38	14.97	14.46	13.77
1"	23.65	22.85	22.24	21.54	20.91	20.25	19.66	19.13	18.48	17.60
1-1/2"	39.32	37.99	36.97	35.81	34.77	33.68	32.70	31.82	30.74	29.28
2"	62.92	60.79	59.16	57.30	55.63	53.88	52.31	50.91	49.19	46.85
3"	118.05	114.06	111.01	107.52	104.39	101.10	98.16	95.53	92.30	87.90
4"	177.01	171.02	166.44	161.20	156.50	151.57	147.16	143.22	138.38	131.79
6"	294.93	284.96	277.33	268.60	260.78	252.57	245.21	238.65	230.58	219.60
8"	393.34	380.04	369.87	358.23	347.80	336.85	327.04	318.29	307.53	292.89
Multiple Dwelling Units: <sup>1</sup>										
Additional Units	10.26	9.91	9.64	9.34	9.07	8.78	8.52	8.29	8.01	7.63
Volume Charge	4.25	4.11	4.00	3.87	3.76	3.64	3.53	3.44	3.32	3.16
<u>Treated Water - Private Fire Protection</u>										
Monthly Service Charge by Meter Size										
3"	23.70	22.90	22.29	21.59	20.96	20.30	19.71	19.18	18.53	17.65
4"	27.01	26.10	25.40	24.60	23.88	23.13	22.46	21.86	21.12	20.11
6"	42.92	41.47	40.36	39.09	37.95	36.76	35.69	34.73	33.56	31.96
8"	58.96	56.97	55.45	53.70	52.14	50.50	49.03	47.72	46.11	43.91
10"	74.91	72.38	70.44	68.22	66.23	64.15	62.28	60.61	58.56	55.77
12"	90.83	87.76	85.41	82.72	80.31	77.78	75.51	73.49	71.00	67.62
Treated Water - Public Fire Protection	19.65	18.99	18.48	17.90	17.38	16.83	16.34	15.90	15.36	14.63

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
STATISTICAL SECTION  
B - REVENUE CAPACITY INFORMATION

LARGEST RETAIL CUSTOMERS - WATER CONSUMPTION AND REVENUE - 2019

Customer Name	Consumption			Revenue		Monthly Statistics	
	Gallons Sold (000)	Acre Feet Sold	Percent of Total Consumption	Water Revenue	Percent of Total Water Revenue	Average Gallons Sold per Month (000)	Average Revenue per Month
10,000,000 Plus Gallons Monthly:							
Steel Mill	318,457	977	3.94%	\$ 1,018,693	4.04%	26,538	\$ 84,891
Utility - Private	308,101	946	3.81%	1,069,474	4.24%	25,675	89,123
City Government	267,504	821	3.31%	893,099	3.54%	22,292	74,425
State Health Service Provider	165,714	509	2.05%	485,315	1.92%	13,810	40,443
University	133,596	410	1.65%	381,895	1.51%	11,133	31,825
5,000,000 - 10,000,000 Gallons Monthly:							
Public School System	113,799	349	1.41%	349,210	1.38%	9,483	29,101
Manufacturing	105,954	325	1.31%	306,013	1.21%	8,830	25,501
Housing Authority	89,854	276	1.11%	318,729	1.26%	7,488	26,561
Country Club	61,902	190	0.76%	178,156	0.71%	5,159	14,846
1,000,000 - 5,000,000 Gallons Monthly:							
Medical Center	45,097	138	0.56%	141,358	0.56%	3,758	11,780
Cemetery	37,339	115	0.46%	107,961	0.43%	3,112	8,997
Manufactured Home Community	35,764	110	0.44%	167,875	0.67%	2,980	13,990
State Highway Medians	33,619	103	0.42%	70,734	0.28%	2,802	5,895
Manufacturing	26,698	82	0.33%	76,432	0.30%	2,225	6,369
Manufacturing	22,574	69	0.28%	66,119	0.26%	1,881	5,510
Correction Facility	21,772	67	0.27%	63,850	0.25%	1,814	5,321
Laundry and Linen Service	21,231	65	0.26%	61,442	0.24%	1,769	5,120
Medical Center	20,048	62	0.25%	59,487	0.24%	1,671	4,957
Retail	18,442	57	0.23%	55,836	0.22%	1,537	4,653
State Fair Complex	17,631	54	0.22%	56,042	0.22%	1,469	4,670
Recreational	15,986	49	0.20%	47,532	0.19%	1,332	3,961
Retail	15,490	48	0.19%	44,563	0.18%	1,291	3,714
Apartment Community	13,966	43	0.17%	44,782	0.18%	1,164	3,732
Apartment Community	12,586	39	0.16%	39,662	0.16%	1,049	3,305
Recreational	12,502	38	0.15%	36,717	0.15%	1,042	3,060
Community College	12,444	38	0.15%	38,491	0.15%	1,037	3,208
Totals	1,948,070	5,979	24.07%	\$ 6,179,467	24.48%	162,339	\$ 514,956

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
STATISTICAL SECTION  
B - REVENUE CAPACITY INFORMATION

Contributions and Discounted Water: 2019 - 2010

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Rate per 1,000 gallons	\$ 2.83	\$ 2.73	\$ 2.66	\$ 2.58	\$ 2.50	\$ 2.42	\$ 2.35	\$ 2.29	\$ 2.21	\$ 2.10
<u>Water - no charge</u>										
Pueblo City Parks	\$ 1,297,595	\$ 1,236,766	\$ 970,812	\$ 1,205,464	\$ 1,221,935	\$ 1,022,975	\$ 909,201	\$ 1,142,561	\$ 1,044,570	\$ 821,669
Pueblo City Schools Parks	408,972	453,671	377,191	412,065	369,561	369,561	366,837	410,460	372,089	298,215
Pueblo City Building/Special Use	25,923	28,114	24,834	29,670	45,575	36,927	19,968	24,949	26,025	20,817
Pueblo City Right of Ways	22,399	29,560	9,193	7,874	4,980	8,371	31,758	33,624	35,981	19,940
Historic Arkansas Riverwalk Project	32,412	29,227	26,236	24,704	27,910	26,893	29,918	36,084	31,477	23,100
Colorado State Highway	-	-	-	-	-	-	-	-	-	11,519
	<u>1,787,301</u>	<u>1,777,338</u>	<u>1,408,266</u>	<u>1,679,777</u>	<u>1,669,961</u>	<u>1,464,727</u>	<u>1,357,682</u>	<u>1,647,678</u>	<u>1,510,142</u>	<u>1,195,260</u>
<u>Water - 50% charge</u>										
Pueblo City Right of Ways	95,051	99,203	84,482	83,607	68,604	83,167	69,748	86,270	63,995	58,288
Colorado State Highway	32,892	67,184	61,062	60,498	62,074	53,866	64,517	69,244	54,517	37,991
	<u>127,943</u>	<u>166,387</u>	<u>145,544</u>	<u>144,105</u>	<u>130,678</u>	<u>137,033</u>	<u>134,265</u>	<u>155,514</u>	<u>118,512</u>	<u>96,279</u>
Total value of water contributions	<u>\$ 1,915,244</u>	<u>\$ 1,943,725</u>	<u>\$ 1,553,810</u>	<u>\$ 1,823,882</u>	<u>\$ 1,800,639</u>	<u>\$ 1,601,760</u>	<u>\$ 1,491,947</u>	<u>\$ 1,803,192</u>	<u>\$ 1,628,654</u>	<u>\$ 1,291,539</u>
<u>Water - no charge (gallons stated in 1000's)</u>										
Pueblo City Parks	458,514	453,028	364,967	467,234	488,774	422,717	386,894	498,935	473,728	391,271
School District 60 Parks	144,513	166,180	141,801	159,715	147,824	152,711	156,101	179,240	168,748	142,007
Pueblo City Building/Special Use	9,160	10,298	9,336	11,500	18,230	15,259	8,497	10,895	11,803	9,913
Pueblo City Right of Ways	7,915	10,828	3,456	3,052	1,992	3,459	13,514	14,683	16,318	9,495
Historic Arkansas Riverwalk Project	11,453	10,706	9,863	9,575	11,164	11,113	12,731	15,757	14,275	11,000
Colorado State Highway	-	-	-	-	-	-	-	-	-	5,485
	<u>631,555</u>	<u>651,040</u>	<u>529,423</u>	<u>651,076</u>	<u>667,984</u>	<u>605,259</u>	<u>577,737</u>	<u>719,510</u>	<u>684,872</u>	<u>569,171</u>
<u>Water - 50% charge (gallons stated in 1000's)</u>										
Pueblo City Right of Ways	67,174	72,676	31,760	32,406	27,442	34,367	29,680	37,672	29,023	27,756
Colorado State Highway	23,245	49,219	22,956	23,449	24,830	22,259	27,454	30,238	24,724	18,091
	<u>90,419</u>	<u>121,895</u>	<u>54,716</u>	<u>55,855</u>	<u>52,271</u>	<u>56,625</u>	<u>57,134</u>	<u>67,910</u>	<u>53,747</u>	<u>45,847</u>
Total gallons of water contributions	<u>721,974</u>	<u>772,935</u>	<u>584,139</u>	<u>706,931</u>	<u>720,256</u>	<u>661,884</u>	<u>634,871</u>	<u>787,420</u>	<u>738,619</u>	<u>615,019</u>

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
STATISTICAL SECTION  
B - REVENUE CAPACITY INFORMATION

CONNECTION FEES: 2019 - 2010

<u>Year</u>	<u>Revenue Collected</u>
2019	\$ 778,956
2018	1,048,173
2017	893,596
2016	726,017
2015	861,036
2014	564,526
2013	664,800
2012	553,386
2011	229,505
2010	6,423,645

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
STATISTICAL SECTION  
C - DEBT CAPACITY INFORMATION

RATIOS OF TOTAL OUTSTANDING DEBT BY TYPE: 2019 - 2010

Year	Total Principal Balance Outstanding by Debt Type			Gross Revenues	Ratio of Total Debt to Gross Revenue	Estimated Inside-City Population Served	Debt Per Capita
	Water Revenue Bonds	Loans & Repayment Contracts	Total				
2019	\$ 24,390,000	\$ 4,680,329	\$ 29,070,329	\$ 40,379,575	0.72	113,077	\$ 257
2018	32,800,000	5,060,539	37,860,539	40,681,895	0.93	111,240	340
2017	35,930,000	5,424,683	41,354,683	36,382,584	1.14	112,019	369
2016	38,965,000	5,778,116	44,743,116	36,219,470	1.24	110,652	404
2015	41,915,000	6,115,487	48,030,487	34,631,754	1.39	109,532	439
2014	45,380,000	6,447,501	51,827,501	33,277,221	1.56	107,914	480
2013	47,695,000	6,768,805	54,463,805	31,363,168	1.74	107,682	506
2012	49,895,000	7,074,044	56,969,044	33,619,543	1.69	107,808	528
2011	52,010,000	7,368,572	59,378,572	31,727,304	1.87	107,924	550
2010	54,045,000	9,560,355	63,605,355	35,393,732	1.80	108,221	588

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
 STATISTICAL SECTION  
 C - DEBT CAPACITY INFORMATION

PLEDGED-REVENUE COVERAGE: 2019 - 2010

<u>Year</u>	<u>Gross Revenues</u>	<u>Less Operating Expenses</u>	<u>Net Available Revenue</u>	<u>Total Debt Service</u>			<u>Coverage</u>
				<u>Principal</u>	<u>Interest</u>	<u>Total</u>	
2019	\$ 40,379,575	\$ 26,160,773	\$ 14,218,802	\$ 3,140,210	\$ 1,583,584	\$ 4,723,794	3.01
2018	40,681,895	27,274,131	13,407,764	3,494,144	1,937,868	5,432,012	2.47
2017	36,382,584	26,159,688	10,222,896	3,388,434	2,051,840	5,440,274	1.88
2016	36,219,470	24,044,682	12,174,788	3,287,370	2,156,870	5,444,240	2.24
2015	34,631,754	23,410,425	11,221,329	3,152,014	2,097,093	5,249,107	2.14
2014	33,277,221	22,422,420	10,854,801	2,636,304	2,205,131	4,841,435	2.24
2013	31,363,168	22,290,912	9,072,256	2,505,238	2,306,796	4,812,034	1.89
2012	33,619,543	21,616,273	12,003,270	2,409,530	2,386,654	4,796,184	2.50
2011	31,727,304	21,414,518	10,312,786	2,324,174	2,474,644	4,798,818	2.15
2010	35,393,732	20,937,797	14,455,935	2,321,188	2,669,706	4,990,895	2.90



BOARD OF WATER WORKS OF PUEBLO, COLORADO  
 STATISTICAL SECTION  
 C - DEBT CAPACITY INFORMATION

RATIOS OF WATER REVENUE BONDED DEBT OUTSTANDING: 2019 - 2010

<u>Year</u>	<u>Water Revenue Bonds</u>	<u>Gross Revenues</u>	<u>Ratio of Water Revenue Debt to Gross Revenue</u>	<u>Estimated Inside-City Population Served</u>	<u>Water Revenue Debt Per Capita</u>
2019	\$ 24,390,000	\$ 40,379,575	0.60	113,077	\$ 216
2018	32,800,000	40,681,895	0.81	111,240	295
2017	35,930,000	36,382,584	0.99	112,019	321
2016	38,965,000	36,219,470	1.08	110,652	352
2015	41,915,000	34,631,754	1.21	109,532	383
2014	45,380,000	33,277,221	1.36	107,914	421
2013	47,695,000	31,363,168	1.52	107,682	443
2012	49,895,000	33,619,543	1.48	107,808	463
2011	52,010,000	31,727,304	1.64	107,924	482
2010	54,045,000	35,393,732	1.53	108,221	499

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
 STATISTICAL SECTION  
 C - DEBT CAPACITY INFORMATION

RATIOS OF LOANS AND REPAYMENT CONTRACTS OUTSTANDING: 2019 - 2010

Year	Loans and Repyament Contract	Gross Revenues	Ratio of Loans and Repayment Contracts to Gross Revenue	Estimated Inside-City Population Served	Water Revenue Debt Per Capita
2019	\$ 4,680,329	\$ 40,379,575	0.12	113,077	\$ 41
2018	5,060,539	40,681,895	0.12	111,240	45
2017	5,424,683	36,382,584	0.15	112,019	48
2016	5,778,116	36,219,470	0.16	110,652	52
2015	6,115,487	34,631,754	0.18	109,532	56
2014	6,447,501	33,277,221	0.19	107,914	60
2013	6,768,805	31,363,168	0.22	107,682	63
2012	7,074,044	33,619,543	0.21	107,808	66
2011	7,368,572	31,727,304	0.23	107,924	68
2010	9,560,355	35,393,732	0.27	108,221	88

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
STATISTICAL SECTION  
D - DEMOGRAPHIC AND ECONOMIC INFORMATION

DEMOGRAPHIC AND ECONOMIC INFORMATION

Population and Median Age							
Year	City of Pueblo	Percent Change	Pueblo County	Percent Change	Colorado	Percent Change	Median Age
1960	91,181	-	118,707	-	1,753,947	-	25.0
1970	97,453	6.88%	118,238	-0.40%	2,207,259	25.85%	27.0
1980	101,686	4.34%	125,972	6.54%	2,889,964	30.93%	29.9
1990	98,629	-3.01%	123,051	-2.32%	3,294,394	13.99%	34.5
2000	102,121	3.54%	141,472	14.97%	4,301,261	30.56%	36.7
2010	106,595	4.38%	159,063	12.43%	5,029,196	16.92%	37.5
2016	108,496	1.78%	162,038	1.87%	5,425,481	7.88%	36.9
2017	111,034	2.34%	165,715	2.27%	5,594,670	3.12%	37.2
2018	111,240	2.53%	166,447	2.72%	5,711,572	5.27%	37.3
2019	113,116	1.88%	169,742	2.43%	5,793,770	3.56%	37.5

SOURCE: U.S. Bureau of the Census

Source: U.S. Census Bureau, Census 2010 Summary File 1. ESRI forecasts for 2019 thru 2024

Median Disposable Income				
Year	City of Pueblo	Pueblo County	Colorado	
2015	\$ 29,273	\$ 34,534	\$ 49,357	
2016	\$ 32,504	\$ 37,145	\$ 50,163	
2017	\$ 32,432	\$ 37,661	\$ 52,593	
2018	\$ 33,213	\$ 38,685	\$ 53,646	
2019	\$ 30,507	\$ 36,247	\$ 55,982	

Source: U.S. Census Bureau & ESRI forecasts

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
STATISTICAL SECTION  
D - DEMOGRAPHIC AND ECONOMIC INFORMATION

Labor Force Estimates

Year	Pueblo MSA		Colorado	
	Labor Force	Percent Unemployed	Labor Force	Percent Unemployed
2019 <sup>1</sup>	76,198	3.6%	2,803,500	2.4%
2018	75,912	4.9%	2,746,900	3.6%
2017	75,134	4.6%	3,029,796	3.0%
2016	73,107	4.2%	2,908,395	3.0%
2015	71,740	4.9%	2,819,144	3.5%
2014	73,046	5.9%	2,824,225	4.2%
2013	74,524	9.6%	2,754,654	6.8%
2012	75,795	10.7%	2,743,290	8.0%
2011	76,302	10.5%	2,723,172	8.3%
2010	74,737	10.4%	2,687,396	8.9%

<sup>1</sup>Preliminary and subject to change

Total Business Establishments and Employment - Pueblo County

Industry	Annual 2019		Annual 2018		Annual Change	
	Units	Employment	Units	Employment	Units	Employment
Construction	386	3,617	377	3,522	2,39%	2,70%
Education and health services	544	12,781	536	12,876	1,49%	-0,74%
Financial activities	356	1,718	371	1,700	-4,04%	1,06%
Information	32	613	32	649	0,00%	-5,55%
Leisure and hospitality	374	6,954	381	6,845	-1,84%	1,59%
Manufacturing	101	4,667	102	4,359	-0,98%	7,07%
Natural resources and mining	59	609	56	456	5,36%	33,55%
Other services	326	1,538	301	1,475	8,31%	4,27%
Professional and business services	515	6,427	512	6,084	0,59%	5,64%
Trade, transportation and utilities	711	11,399	731	11,317	-2,74%	0,72%
Total	3,404	50,323	3,399	49,283		

Source: US Department of Labor, Bureau of Labor Statistics, <http://data/bls.gov/>

Note: 2019 figures are through 2nd Quarter 2019 and are preliminary.

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
STATISTICAL SECTION  
D - DEMOGRAPHIC AND ECONOMIC INFORMATION

Principal Employers in the Pueblo Area

Organization	2019		
	Employees	Rank	% of Total City Employment
Parkview Hospital	3,100	1	4.07%
Pueblo City Schools	1,766	2	2.32%
Pueblo County Schools	1,284	3	1.69%
Walmart	1,135	4	1.49%
Evraz Inc.	1,124	5	1.48%
Pueblo County Government	1,095	6	1.44%
Vestas Towers America Inc.	967	7	1.27%
St Mary Corwin Hospital	829	8	1.09%
Convergys Corp.	700	9	0.92%
Target Corp.	700	9	0.92%

Organization	2018		
	Employees	Rank	% of Total City Employment
Parkview Hospital	3,100	1	4.06%
Pueblo City Schools	1,766	2	2.31%
Colorado Mental Health CMHIP	1,099	3	1.44%
Pueblo County Government	1,040	4	1.36%
Pueblo County Schools	1,026	5	1.34%
Walmart	979	6	1.28%
Evraz Inc.	863	7	1.13%
Vestas Towers America Inc.	767	8	1.00%
St Mary Corwin Hospital	700	9	0.92%
City of Pueblo	700	9	0.92%

Retail Sales

Year <sup>1</sup>	City of Pueblo	Percent Change	Pueblo County	Percent Change	Colorado	Percent Change
2006	2,692,081,419	0.00%	3,070,066,563	0.00%	129,193,266,000	0.00%
2007	2,810,325,812	4.39%	3,831,860,679	24.81%	139,129,190,000	7.69%
2008	3,613,545,622	28.58%	3,911,932,991	2.09%	152,245,281,000	9.43%
2009	3,512,355,834	-2.80%	3,732,589,000	-4.58%	143,072,484,000	-6.03%
2010	2,986,407,539	-14.97%	3,465,945,069	-7.14%	136,194,678,000	-4.81%
2011	3,291,627,800	10.22%	3,913,809,348	12.92%	150,975,208,392	10.85%
2012	3,498,832,388	6.29%	4,204,857,060	7.44%	159,839,957,441	5.87%
2013	3,416,192,398	-2.36%	4,349,142,036	3.43%	171,362,038,352	7.21%
2014	3,531,797,210	3.38%	4,454,010,876	2.41%	175,727,028,654	2.55%
2015	3,478,123,660	-1.52%	4,408,210,144	-1.03%	182,845,695,387	4.05%
2018	3,881,535,000	11.60%	4,801,655,000	8.93%	206,121,045,000	12.73%
2019	3,575,026,000	-7.90%	4,605,119,000	-4.09%	197,846,165,000	-4.01%

<sup>1</sup>For the year ended June 30th for years 2006-20015, for the year ended December 31st for the years 2018 and 2019

2016 and 2017 data was not available

Source: Colorado Department of Revenue

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
STATISTICAL SECTION  
D - DEMOGRAPHIC AND ECONOMIC INFORMATION

Building Permit Activity in the City of Pueblo

Year	Single Family		Multi-family		Commercial/ Industrial	
	Permits	Valuation	Permits	Valuation	Permits	Valuation
2019	363	\$ 62,198,478	8	\$ 1,127,312	54	\$ 15,496,185
2018	368	58,314,062	8	1,063,736	78	14,922,438
2017	269	47,258,554	7	3,343,491	129	41,810,630
2016	196	33,768,880	1	120,000	81	18,543,898
2015	223	37,938,450	18	13,913,055	78	39,377,405
2014	149	25,849,598	1	319,387	70	32,948,566
2013	80	12,813,921	-	-	12	14,408,248
2012	104	14,633,880	5	7,017,691	15	53,794,529
2011	48	7,827,598	1	227,300	7	3,844,000
2010	85	16,991,371	7	2,360,674	23	28,042,209

Source: Pueblo Regional Building Department

[www.prbd.com](http://www.prbd.com)

History of Foreclosures in Pueblo County

Year	Number of Foreclosures Filed	Percent Change
2019	314	-4.85%
2018	330	-19.90%
2017	412	-17.76%
2016	501	-3.47%
2015	519	-22.07%
2014	666	-20.62%
2013	839	-29.20%
2012	1,185	-6.47%
2011	1,267	-8.32%
2010	1,382	-11.92%

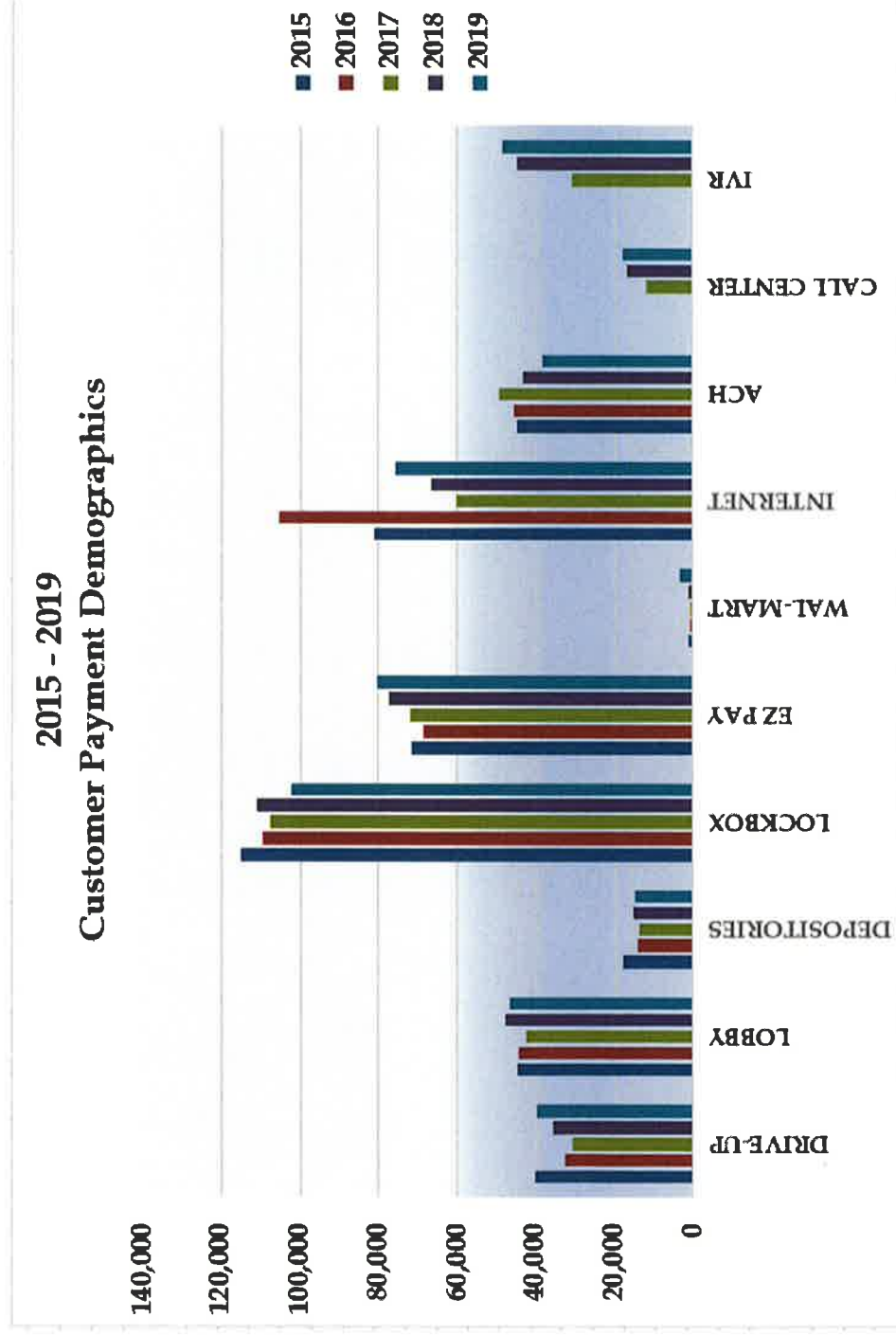
Source: Pueblo County Public Trustee

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
STATISTICAL SECTION  
E - OPERATING INFORMATION

EMPLOYEES BY DIVISION

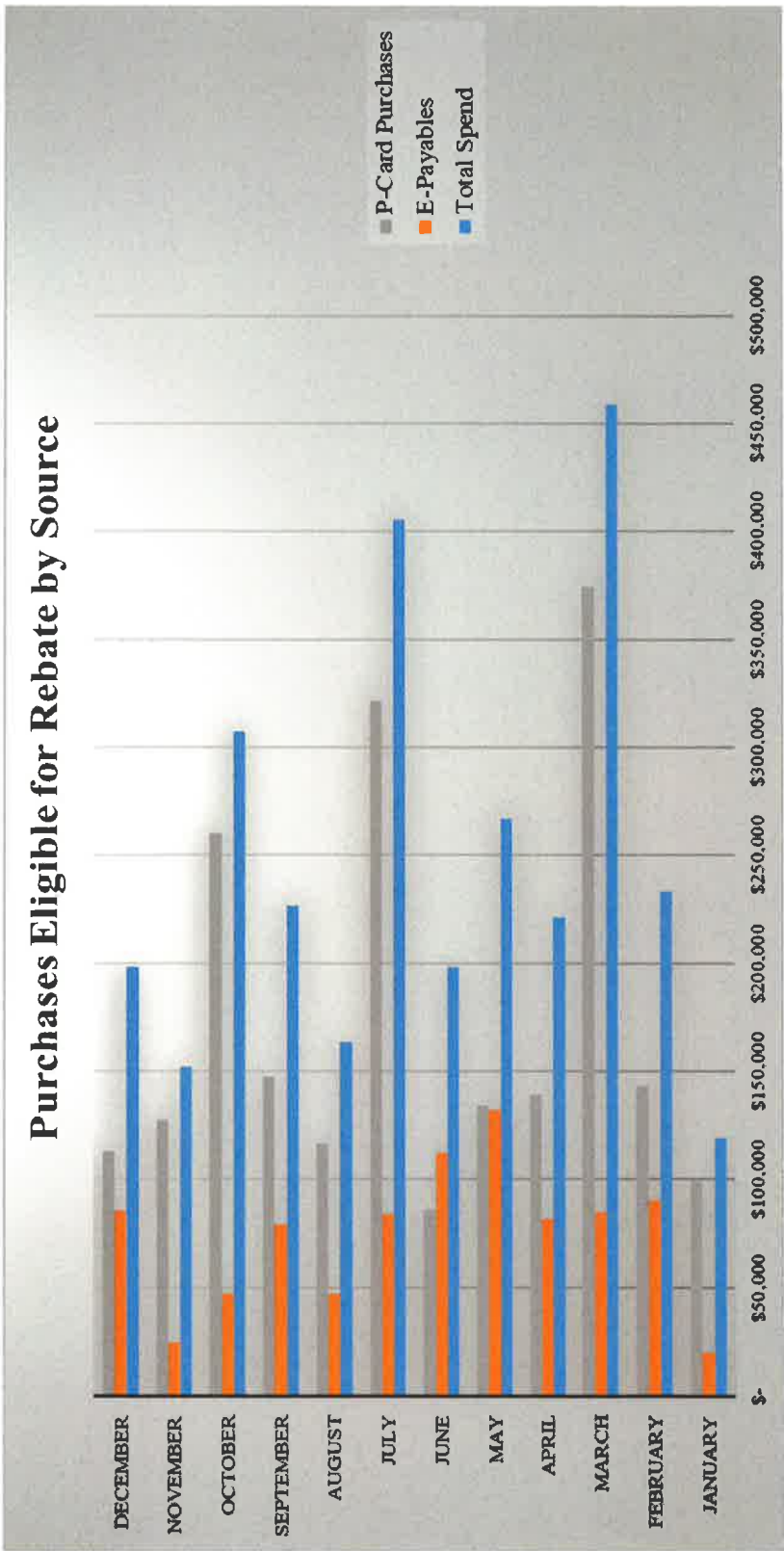
	NUMBER OF POSITIONS									
	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
<b>ADMINISTRATION</b>										
Director	3	3	3	3	3	3	3	3	2	2
Specialist	4	3	3	3	3	3	3	3	2	2
Total	7	6	6	6	6	6	6	6	4	4
<b>FINANCE</b>										
Division Manager	1	-	-	-	-	-	-	-	1	1
Manager	-	2	2	2	2	2	2	2	1	1
Supervision	1	-	-	1	1	-	-	-	1	2
Specialist	2	3	3	2	2	2	2	2	2	2
Skills & Trade	13	13	13	13	13	13	13	13	13	13
Total	17	18	18	18	18	17	17	17	18	19
<b>INFORMATION SYSTEMS</b>										
Division Manager	-	-	-	1	1	1	1	1	1	1
Manager	1	-	1	-	-	-	-	-	-	-
Supervision	-	-	-	-	-	-	-	-	-	-
Specialist	3	3	3	4	4	4	4	4	4	4
Skills & Trade	2	2	2	2	2	2	2	2	2	2
Total	6	5	6	7	7	7	7	7	7	7
<b>WATER QUALITY, TREATING &amp; PUMPING</b>										
Division Manager	1	1	1	1	1	1	1	1	1	1
Manager	1	1	1	1	1	1	-	-	-	-
Supervision	2	2	2	2	2	1	-	-	1	1
Specialist	3	3	3	3	3	4	4	4	3	3
Skills & Trade	23	23	23	22	22	12	12	12	12	12
Total	30	30	30	29	29	19	17	17	17	17
<b>TRANSMISSION, DISTRIBUTION &amp; ENGINEERING</b>										
Division Manager	1	1	1	1	1	1	1	1	1	1
Manager	3	3	3	1	1	1	1	2	3	3
Supervision	2	2	2	4	4	4	4	3	2	2
Specialist	2	2	2	2	2	2	2	2	2	2
Skills & Trade	51	52	52	52	52	52	52	51	51	52
Total	59	60	60	60	60	60	60	59	59	60
<b>FACILITIES OPERATIONS &amp; MAINTENANCE</b>										
Division Manager	-	-	-	-	-	-	1	1	1	1
Manager	1	1	1	1	1	1	-	-	-	-
Supervision	-	-	-	-	-	-	2	2	2	2
Specialist	2	2	2	2	2	2	2	2	2	2
Skills & Trade	6	5	5	5	5	16	16	17	17	17
Total	9	8	8	8	8	19	21	22	22	22
<b>WATER RESOURCES</b>										
Division Manager	1	1	1	1	1	1	1	1	1	1
Supervision	1	1	1	1	1	1	1	1	1	2
Specialist	1	2	2	2	2	2	2	2	3	2
Total	3	4	4	4	4	4	4	4	5	5
<b>HUMAN RESOURCES</b>										
Division Manager	-	-	-	1	1	1	1	1	1	1
Manager	1	1	1	-	-	-	-	-	-	-
Specialist	4	4	4	4	4	4	4	4	4	4
Total	5	5	5	5	5	5	5	5	5	5
<b>TOTAL FULL TIME POSITIONS</b>	<b>136</b>	<b>136</b>	<b>137</b>	<b>137</b>	<b>137</b>	<b>137</b>	<b>137</b>	<b>137</b>	<b>137</b>	<b>139</b>

The following chart compares customer payment demographics for 2015– 2019.



Due to the ability for CIS Infinity to report on payment postings by type, the payment methods for Pueblo Water's automated telephone system (IVR) and payments taken by the call center are now broke out in this comparison. Both payment methods were previously reported as internet payments from 2015 - 2016.





Pueblo Water makes purchases using various methods including check, electronic funds transfer, procurement card and electronic payables. Purchases made with procurement cards and electronic payables are eligible for a rebate through a program issued by Bank of America. The chart above illustrates purchases made during 2019 on a monthly basis by sources eligible for the rebate.

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
STATISTICAL SECTION  
E - OPERATING INFORMATION

CAPITAL ASSETS BY FUNCTION: 2019 - 2010

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
<b>CAPITAL ASSETS</b>										
Non-depreciable assets										
Land	\$ 2,284,590	\$ 2,284,590	\$ 2,284,590	\$ 2,284,590	\$ 2,284,590	\$ 2,284,590	\$ 2,284,590	\$ 2,284,590	\$ 2,284,590	\$ 2,284,590
Water rights	98,865,769	98,865,769	98,865,769	98,865,769	98,865,769	98,865,769	98,865,769	98,865,769	98,865,769	98,865,769
Construction in progress	2,419,906	2,139,336	3,669,043	2,700,378	914,431	614,474	1,444,459	819,085	283,696	669,482
Total non-depreciable assets	103,570,265	103,289,695	104,819,402	103,570,737	101,784,790	101,484,833	102,314,818	101,689,444	101,154,055	100,397,974
Buildings and improvements										
Distribution reservoirs and tanks	25,824,448	25,105,059	22,606,141	22,606,141	22,606,141	22,376,349	20,240,084	20,240,084	20,240,084	16,741,369
Other buildings and improvements	50,581,041	50,581,041	50,163,061	50,012,738	49,675,464	49,203,572	48,980,059	48,849,542	48,781,469	48,402,680
Total buildings and improvements	76,405,489	75,686,100	72,769,202	72,618,879	72,281,605	71,579,921	69,220,143	69,089,626	69,021,553	65,144,049
Accumulated depreciation	(35,612,607)	(34,113,363)	(32,657,025)	(31,235,717)	(29,818,231)	(28,402,578)	(27,010,839)	(25,642,092)	(24,273,895)	(23,383,469)
Net buildings and improvements	40,792,882	41,572,737	40,112,177	41,383,162	42,463,374	43,177,343	42,209,304	43,447,534	44,747,658	41,760,580
Infrastructure										
River intakes and wells	908,066	908,066	908,066	908,066	908,066	908,066	908,066	908,066	908,066	908,066
Collection and impounding reservoir	5,883,733	5,883,733	5,883,733	5,883,733	5,883,733	5,883,733	5,883,733	5,883,733	5,883,733	5,760,586
Transmission mains and meters	131,007,353	127,206,654	122,484,648	118,930,419	116,320,461	113,758,283	110,141,156	108,128,769	105,544,999	102,807,416
Total infrastructure	137,799,152	133,998,453	129,276,447	125,722,218	123,112,260	120,550,082	116,932,955	114,920,568	112,213,651	109,476,068
Accumulated depreciation	(64,860,301)	(62,237,566)	(59,647,528)	(57,069,817)	(54,673,894)	(52,214,174)	(49,924,685)	(47,533,609)	(45,297,387)	(43,040,507)
Net infrastructure	72,938,851	71,760,887	69,628,919	68,652,401	68,438,366	68,335,908	67,008,270	67,386,959	66,916,264	66,435,561
Machinery and equipment										
Pumping	25,264,737	22,940,099	23,154,868	23,137,758	23,167,410	23,168,403	23,058,817	22,441,920	22,088,480	21,574,446
Treating	9,265,446	8,939,553	6,287,714	6,262,009	6,406,810	6,480,810	6,480,810	6,450,509	6,330,631	6,159,416
Other equipment	11,522,601	11,046,031	10,836,457	9,003,140	8,923,520	8,826,001	8,439,255	8,217,643	7,731,312	8,255,464
Total machinery and equipment	46,052,784	42,925,683	40,279,039	38,402,907	38,497,740	38,475,214	37,978,882	37,110,072	36,150,423	35,989,326
Accumulated depreciation	(22,061,222)	(20,866,440)	(19,852,296)	(18,699,109)	(17,948,090)	(16,819,200)	(15,573,787)	(14,614,851)	(13,499,553)	(13,099,992)
Net machinery and equipment	23,991,562	22,059,243	20,426,743	19,703,798	20,549,650	21,656,014	22,405,095	22,495,221	22,650,870	22,889,334
Intangible Assets										
Intangible software	9,566	9,566	9,566	9,566	9,566	9,566	9,566	9,566	9,566	-
Accumulated amortization	(8,131)	(7,174)	(6,218)	(5,261)	(4,304)	(3,348)	(2,391)	(1,435)	(478)	-
Net intangible assets	1,435	2,392	3,348	4,305	5,262	6,218	7,175	8,131	-	-
Net capital assets	\$ 241,294,995	\$ 238,684,954	\$ 234,990,589	\$ 233,314,403	\$ 233,241,442	\$ 234,660,316	\$ 233,944,662	\$ 235,027,289	\$ 235,468,847	\$ 231,483,449

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
STATISTICAL SECTION  
E - OPERATING INFORMATION

WATER SUPPLY, USE AND STORAGE: 2019 - 2010  
(all values in acre-feet)

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
<b>SUPPLY:</b>										
Arkansas River Basin <sup>1</sup>	47,409	40,597	47,770	49,843	58,761	40,451	38,514	39,015	41,184	40,597
Colorado River Basin <sup>2</sup>	21,293	14,211	17,247	20,177	16,174	24,780	21,122	11,511	26,068	28,672
Total	68,702	54,808	65,017	70,020	74,935	65,231	59,636	50,526	67,252	69,269
<b>USE:</b>										
Potable	26,932	27,091	25,750	27,987	26,307	26,437	26,608	29,746	28,822	27,611
Raw Water - Comanche Power Plant	12,181	13,894	12,783	12,783	12,150	11,848	11,994	13,000	10,774	10,471
Raw Water - Outside City Limits	21,383	14,503	21,799	30,188	27,040	18,161	9,302	21,026	27,267	20,274
Total	60,496	55,488	60,332	70,958	65,497	56,446	47,904	63,772	66,863	58,356
<b>STORAGE:</b>										
Pueblo Reservoir <sup>3</sup>										
Capacity	43,200	43,200	43,200	43,200	40,200	40,200	40,200	40,200	40,200	37,200
Content on December 31	21,631	24,707	30,315	23,952	26,897	24,159	18,968	19,089	28,961	29,137
Content as % of capacity	50%	57%	70%	55%	67%	60%	47%	47%	72%	78%
Clear Creek Reservoir										
Capacity	11,439	11,439	11,439	11,439	11,439	11,439	11,439	11,439	11,439	11,439
Content on December 31	7,273	6,657	7,174	7,006	7,317	6,854	7,741	6,542	6,807	7,364
Content as % of capacity	64%	58%	63%	61%	64%	60%	68%	57%	60%	64%
Twin Lakes Reservoir										
Capacity	12,600	12,600	12,600	12,600	12,600	12,600	12,600	12,600	12,600	12,600
Content on December 31	6,196	2,583	3,368	6,607	8,912	7,622	6,075	285	4,197	6,805
Content as % of capacity	49%	21%	27%	52%	71%	60%	48%	2%	33%	54%
Turquoise Reservoir										
Capacity	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Content on December 31	4,889	2,321	2,458	2,411	3,948	2,405	3,361	1,271	2,496	3,455
Content as % of capacity	98%	46%	49%	48%	79%	48%	67%	25%	50%	69%
Total System Storage										
Capacity	72,239	72,239	72,239	72,239	69,239	69,239	69,239	69,239	69,239	66,239
Content on December 31	39,989	36,268	43,315	39,976	47,074	41,040	36,145	27,187	42,461	46,761
Content as % of capacity	55%	50%	60%	55%	68%	59%	52%	39%	61%	71%

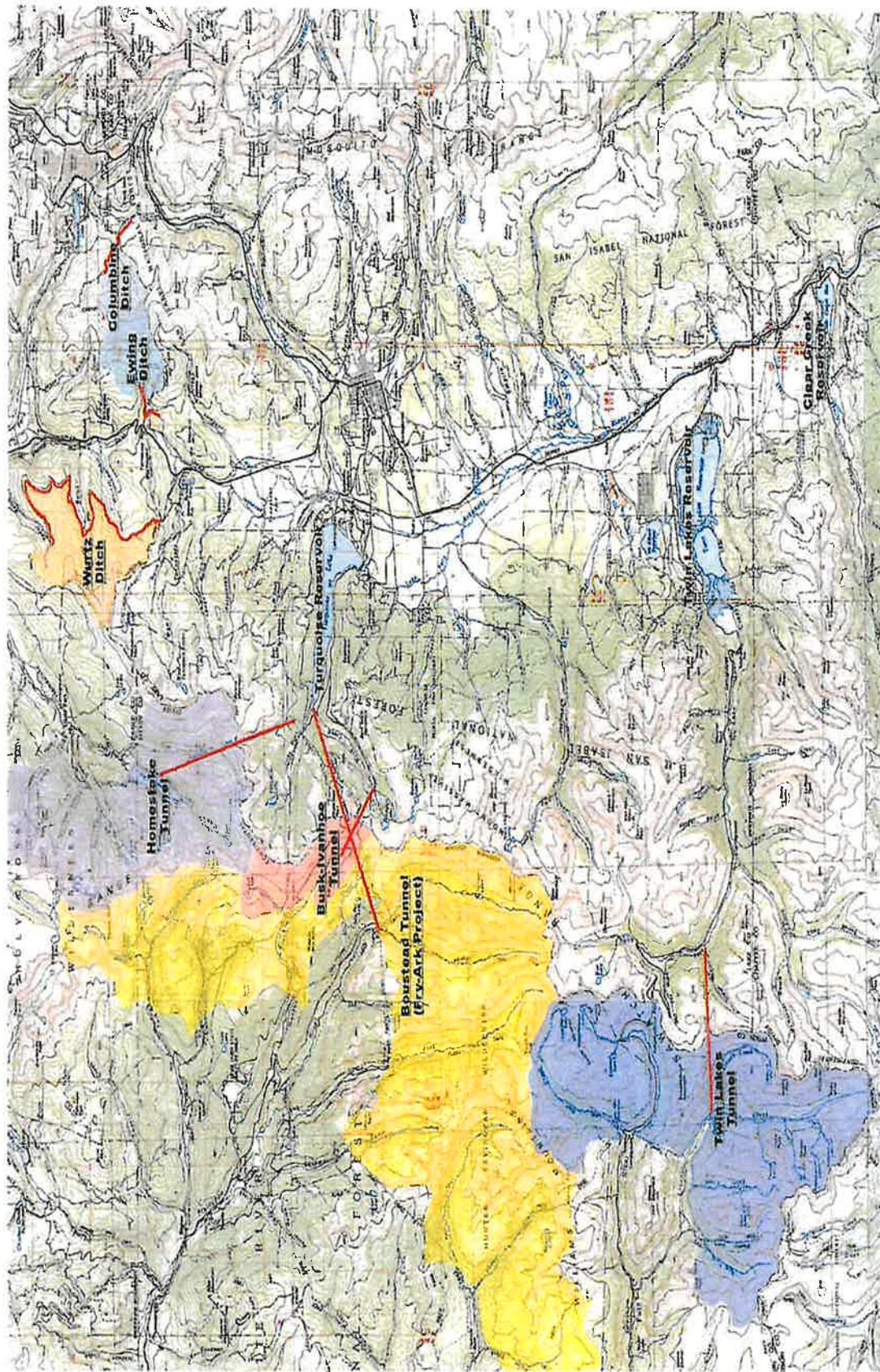
<sup>1</sup>The amounts shown reflect only direct flow rights actually used and not the full amounts available in priority.

<sup>2</sup>Colorado River Basin supply includes reuse

<sup>3</sup>Includes Fry-Ark Project water storage and non-project water stored under excess capacity contract with USBR



BOARD OF WATER WORKS OF PUEBLO, COLORADO  
 STATISTICAL SECTION  
 E - OPERATING INFORMATION



BOARD OF WATER WORKS OF PUEBLO, COLORADO  
 STATISTICAL SECTION  
 E - OPERATING INFORMATION

PUMPING SUMMARY

2019-vs- 2018 Review

	<u>2019</u>	<u>2018</u>	<u>% Change</u>
Treated water pumped (million gallons)	8,456	9,030	-6.36%
Number of treated water pump stations	10	10	0.00%
Maximum pumping capacity (mgd)	217.90	217.90	0.00%
Pumping energy costs	\$ 2,702,326	\$ 2,992,292	-9.69%

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
STATISTICAL SECTION  
E - OPERATING INFORMATION

Pumping Station Capacities - 2019

Pump Station	Zone	Pump Number	Year Installed	Pump Manufacturer	Motor Manufacturer	Horse-Power	Speed (rpm)	Pumping Capacity (mgd)
Old Gardner	1000	1	1952	DeLaval	Century	300	1,170	6.50
		2	1952	DeLaval	Century	200	1,170	3.60
		3	1952	DeLaval	Century	125	1,170	2.20
North Gardner	1000	4	1952	Allis-Chalmers	Allis-Chalmers	350	1,170	7.30
		4	1965	Worthington	Electric	500	1,180	8.90
		5	1965	Worthington	Titan II, US Motors	500	1,775	8.90
South Gardner	1000	2D	1965	DeLaval	Caterpillar	425	1,200	5.76
		1	2002	Allis-Chalmers	Siemens	600	1,770	9.10
		2	1965	Worthington	Electric	700	1,186	12.50
McCabe	2000	3	1965	Worthington	Electric	700	1,186	12.50
		1D	1965	DeLaval	Caterpillar	425	1,200	5.04
		1	2010	Allis-Chalmers	Siemens	600	1,770	8.40
		2	2010	Allis-Chalmers	Siemens	600	1,770	8.60
		3	1997	Ingersoll-Dresser	Titan II, US Motors	600	1,780	6.00
		4	1997	Ingersoll-Dresser	Titan II, US Motors	600	1,780	6.70
		5	1997	Ingersoll-Dresser	Titan II, US Motors	600	1,780	8.40
		6	1956	Ingersoll-Dresser	Titan II, US Motors	600	1,780	8.50
J.O. Jones	3000	7	1965	Allis-Chalmers	General Electric	350	1,780	5.90
		1	1965	DeLaval	Allis-Chalmers	200	1,180	5.50
		2	1965	DeLaval	Allis-Chalmers	200	1,180	5.50
J.O. Jones	5000/7000	3	1965	DeLaval	Allis-Chalmers	200	1,180	5.50
		1	2007	Goulds Pumps	Marathon Electric	300	1,780	5.70
		2	2007	Goulds Pumps	WEG	300	1,780	5.70
Belmont	5000/7000	1	2006	American Marsh	TECO Westinghouse	75	1,775	1.95
		2	2006	American Marsh	TECO Westinghouse	75	1,775	1.95
		3	2005	American Marsh	TECO Westinghouse	125	1,780	3.86
Watts	3000	1	2013	Aurora Pumps	Nidec US	200	1,800	5.04
		2	2013	Aurora Pumps	Nidec US	200	1,800	5.04
		3	2013	Aurora Pumps	Nidec US	200	1,800	5.04
LaVista	6000/4000	2	1963	Allis-Chalmers	Allis-Chalmers	350	1,180	4.90
		3	1963	Allis-Chalmers	Allis-Chalmers	350	1,180	5.30
		4	1963	Allis-Chalmers	Allis-Chalmers	350	1,180	5.30
		5	1963	Allis-Chalmers	Allis-Chalmers	350	1,180	5.30
		1D	1963	Allis-Chalmers	Caterpillar	330	1,180	5.04
Zone 8000	8000	5	2000	Paco	TECO Westinghouse	150	1,750	2.88
		4	2000	Paco	TECO Westinghouse	150	1,750	2.88
		3	2000	Berkeley	Marathon Electric	25	3,600	0.36
		2	2000	Berkeley	Marathon Electric	25	3,600	0.36
						12,930		217.90
<u>Summary by Pumping Station</u>								
Old Gardner						975		19.60
North Gardner						1,425		23.56
South Gardner						2,425		39.14
McCabe						3,950		52.50
J.O. Jones						600		16.50
J.O. Jones						600		11.40
Belmont						275		7.76
Watts						600		15.12
LaVista						1,730		25.84
Zone 8000						350		6.48
						12,930		217.90
<u>Summary by Zone</u>								
	1000					4,825		82.30
	2000					3,950		52.50
	3000					900		31.62
	5000/7000					875		19.16
	6000/4000					1,730		25.84
	8000					350		6.48
						12,630		217.90

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
STATISTICAL SECTION  
E - OPERATING INFORMATION

Treated Water Pumped & Energy Costs: 2019-2010

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Treated water pumped (million gallons)	8,456	9,030	8,260	8,868	8,307	8,611	8,781	9,775	9,438	9,030
Treatment plant capacity (mgd)	84.00	84.00	84.00	84.00	84.00	84.00	84.00	84.00	84.00	84.00
Treating & Pumping Energy Costs	\$ 2,702,326	\$ 2,992,292	\$ 2,875,095	\$ 3,034,837	\$ 2,883,630	\$ 2,924,429	\$ 2,888,977	\$ 3,081,285	\$ 2,507,741	\$ 2,076,522
Energy Costs per 1,000 gallons	\$ 0.32	\$ 0.33	\$ 0.35	\$ 0.34	\$ 0.35	\$ 0.34	\$ 0.33	\$ 0.32	\$ 0.27	\$ 0.23



2019 Analytical Results Summary for Pueblo's Treated Water								
Parameter	Units	Primary Standard	Secondary Standard	MCL	MCLG	Range of Detection in Pueblo Water	Pueblo Treated Water Average Level	Number of Samples Analyzed
<b>Clarity</b>								
Turbidity	NTU	◆		0.5	0.5	0.03 - 0.28	0.07	251
<b>Microbiological</b>								
Total Coliform Bacteria**	P/A	◆		less than 5% per month positive	0	P - A***	A	2286
E. coli Bacteria**	P/A	◆		0	0	A	A	2286
<b>Radiologicals<sup>o</sup></b>								
Gross Alpha	pCi/L			N/A	N/A	2.5	2.5	1
Gross Alpha (Less Radon and Uranium)	pCi/L	◆		15	0	0.2	0.2	1
Radium-226	pCi/L	◆		5	0	0.1	0.1	1
Radium-228	pCi/L	◆		5	0	0.3	0.3	1
Uranium	pCi/L			N/A	N/A	2.3	2.3	1
Uranium	µg/L	◆		30	0	3.3	3.3	1
<b>Inorganic Chemicals</b>								
<b>Trace Metals</b>								
Aluminum	µg/L		◆	50 - 200	N/A	27.8 - 70.3	43.5	9
Antimony	µg/L	◆		6	6	<1.00	<1.00	9
Arsenic	µg/L	◆		10	0	<1.00	<1.00	9
Barium	µg/L	◆		2000	2000	36.7 - 69.1	52.9	9
Beryllium	µg/L	◆		4	4	<1.00	<1.00	9
Cadmium	µg/L	◆		5	5	<1.00	<1.00	9
Calcium	mg/L			N/A	N/A	31.9 - 63.4	47.0	6
Chromium	µg/L	◆		100	100	<1.00	<1.00	9
Cobalt	µg/L			N/A	N/A	<1.00	<1.00	9
Copper	µg/L		◆	1000	N/A	<1.00 - 1.94	1.41	9
Iron	mg/L		◆	300	N/A	<0.50	<0.50	6
Lead	µg/L			N/A	N/A	<1.00	<1.00	9
Magnesium	mg/L			N/A	N/A	7.49 - 17.6	12.2	7
Manganese	µg/L		◆	50	N/A	1.11 - 6.97	2.56	9
Mercury	µg/L	◆		2	2	<0.50 - 0.61	<0.50	4
Molybdenum	µg/L			N/A	N/A	2.84 - 5.35	4.26	9
Nickel	µg/L			N/A	N/A	1.01 - 2.38	1.78	9
Potassium	mg/L			N/A	N/A	1.85 - 3.06	2.40	7
Selenium	µg/L	◆		50	50	1.86 - 8.23	4.29	9
Silver	µg/L		◆	100	N/A	<1.00	<1.00	9
Sodium	mg/L			N/A	N/A	8.65 - 25.4	16.9	7
Thallium	µg/L	◆		2	0.0005	<1.00	<1.00	9
Vanadium	µg/L			N/A	N/A	<1.00 - 1.23	<1.00	9
Zinc	µg/L		◆	5000	N/A	<1.00 - 1.67	1.37	9



2019 Analytical Results Summary for Pueblo's Treated Water								
Parameter	Units	Primary Standard	Secondary Standard	MCL	MCLG	Range of Detection in Pueblo Water	Pueblo Treated Water Average Level	Number of Samples Analyzed
Organic Chemicals								
Trihalomethanes ☐ (Disinfection Byproduct)	µg/L	◆						
Bromodichloromethane	µg/L				0	1.22 - 2.04	1.66	16
Bromoform	µg/L				0	<0.5	<0.5	16
Chloroform	µg/L				N/A	3.02 - 16.7	7.16	16
Dibromochloromethane	µg/L				6	<0.5	<0.5	16
Total Trihalomethanes	µg/L	◆		80	N/A	4.28 - 18.74	9.00	16
Haloacetic Acids ☐ (Disinfection Byproduct)	µg/L	◆						
Bromoacetic acid	µg/L				N/A	<1.00	<1.00	16
Dibromoacetic acid	µg/L				N/A	<2.00	<2.00	16
Dichloroacetic acid	µg/L				0	4.08 - 16.5	8.10	16
Monochloroacetic acid	µg/L				N/A	<2.00 - 2.74	<2.00	16
Trichloroacetic acid	µg/L				300	<1.00 - 6.94	2.40	16
Total Haloacetic Acid	µg/L	◆		60	N/A	6.42 - 24.92	12.0	16
Total Volatile Organic Compounds (VOC's)		◆						
Benzene	µg/L	◆		5	0	<0.50	<0.50	1
Bromobenzene	µg/L			N/A	N/A	<0.50	<0.50	1
Bromochloromethane	µg/L			N/A	N/A	<0.50	<0.50	1
Bromodichloromethane	µg/L			N/A	N/A	0.71	0.71	1
Bromomethane	µg/L			N/A	N/A	<0.50	<0.50	1
n-Butylbenzene	µg/L			N/A	N/A	<0.50	<0.50	1
sec-Butylbenzene	µg/L			N/A	N/A	<0.50	<0.50	1
tert-Butylbenzene	µg/L			N/A	N/A	<0.50	<0.50	1
Carbon tetrachloride	µg/L	◆		5	0	<0.50	<0.50	1
Chlorobenzene	µg/L	◆		100	100	<0.50	<0.50	1
Chlorodibromomethane	µg/L			N/A	N/A	<0.50	<0.50	1
Chloroethane	µg/L			N/A	N/A	<0.50	<0.50	1
Chloroform	µg/L			N/A	N/A	3.7	3.7	1
Chloromethane	µg/L			N/A	N/A	<0.50	<0.50	1
o-Chlorotoluene	µg/L			N/A	N/A	<0.50	<0.50	1
p-Chlorotoluene	µg/L			N/A	N/A	<0.50	<0.50	1
Dibromochloromethane	µg/L			N/A	N/A	<0.50	<0.50	1
Dibromomethane	µg/L			N/A	N/A	<0.50	<0.50	1
m- Dichlorobenzene	µg/L	◆		N/A	N/A	<0.50	<0.50	1
o- Dichlorobenzene	µg/L			600	600	<0.50	<0.50	1
p- Dichlorobenzene	µg/L	◆		75	75	<0.50	<0.50	1
Dichlorodifluoromethane	µg/L			N/A	N/A	<0.50	<0.50	1
1,1- Dichloroethane	µg/L			N/A	N/A	<0.50	<0.50	1
1,2- Dichloroethane	µg/L	◆		5	0	<0.50	<0.50	1
1,1- Dichloroethylene	µg/L	◆		7	7	<0.50	<0.50	1
cis-1,2- Dichloroethylene	µg/L	◆		70	70	<0.50	<0.50	1
trans-1,2- Dichloroethylene	µg/L	◆		100	100	<0.50	<0.50	1
1,2- Dichloropropane	µg/L	◆		5	5	<0.50	<0.50	1
1,3- Dichloropropane	µg/L			N/A	N/A	<0.50	<0.50	1
2,2- Dichloropropane	µg/L			N/A	N/A	<0.50	<0.50	1
1,1- Dichloropropene	µg/L			N/A	N/A	<0.50	<0.50	1
cis-1,3- Dichloropropene	µg/L			N/A	N/A	<0.50	<0.50	1
trans-1,3- Dichloropropene	µg/L			N/A	N/A	<0.50	<0.50	1
1,3- Dichloropropene	µg/L			N/A	N/A	<0.50	<0.50	1
Ethylbenzene	µg/L	◆		700	700	<0.50	<0.50	1
Hexachlorobutadiene	µg/L			N/A	N/A	<0.50	<0.50	1
Isopropylbenzene	µg/L			N/A	N/A	<0.50	<0.50	1
p-Isopropyltoluene	µg/L			N/A	N/A	<0.50	<0.50	1
Methylene chloride	µg/L	◆		5	0	<0.50	<0.50	1
Naphthalene	µg/L			N/A	N/A	<0.50	<0.50	1
n-Propylbenzene	µg/L			N/A	N/A	<0.50	<0.50	1
Styrene	µg/L	◆		100	100	<0.50	<0.50	1
Tetrachloroethylene	µg/L			5	5	<0.50	<0.50	1
1,1,1- Trichloroethane	µg/L	◆		200	200	<0.50	<0.50	1
1,1,1,2- Tetrachloroethane	µg/L			N/A	N/A	<0.50	<0.50	1
1,1,2,2- Tetrachloroethane	µg/L			N/A	N/A	<0.50	<0.50	1
Toluene	µg/L	◆		1000	1000	<0.50	<0.50	1
1,2,3- Trichlorobenzene	µg/L			N/A	N/A	<0.50	<0.50	1
1,2,4- Trichlorobenzene	µg/L	◆		70	70	<0.50	<0.50	1
1,1,2- Trichloroethane	µg/L	◆		5	3	<0.50	<0.50	1
Trichloroethylene	µg/L	◆		5	0	<0.50	<0.50	1
Trichlorofluoromethane	µg/L			N/A	N/A	<0.50	<0.50	1
1,2,3- Trichloropropane	µg/L			N/A	N/A	<0.50	<0.50	1
1,2,4- Trimethylbenzene	µg/L			N/A	N/A	<0.50	<0.50	1
1,3,5- Trimethylbenzene	µg/L			N/A	N/A	<0.50	<0.50	1
Vinyl chloride	µg/L	◆		2	0	<0.50	<0.50	1
m,p- Xylene	µg/L			N/A	N/A	<0.50	<0.50	1
o-Xylene	µg/L			N/A	N/A	<0.50	<0.50	1
Xylenes, Total	µg/L	◆		10000	10000	<0.50	<0.50	1
Total Trihalomethane	µg/L	◆		80	80	4.4	4.4	1

2019 Analytical Results Summary for Pueblo's Treated Water								
Parameter	Units	Primary Standard	Secondary Standard	MCL	MCLG	Range of Detection in Pueblo Water	Pueblo Treated Water Average Level	Number of Samples Analyzed
Organic Chemicals (cont'd)****								
Pesticides		◆						
Aldrin	µg/L			N/A	N/A	<0.0095	<0.0095	2
alpha-Chlordane	µg/L			2	2	<0.0095	<0.0095	2
gamma-Chlordane	µg/L			2	0	<0.0095	<0.0095	2
Chlordane	µg/L			2	2	<0.19	<0.19	2
Dieldrin	µg/L			N/A	N/A	<0.0095	<0.0095	2
Endrin	µg/L			2	2	<0.0095	<0.0095	2
Hexachlorocyclopentadiene	µg/L			50	50	<0.095	<0.095	2
Heptachlor	µg/L			0.4	0.4	<0.0095	<0.0095	2
Heptachlor epoxide	µg/L			0.2	0.2	<0.0095	<0.0095	2
Hexachlorobenzene	µg/L			1	0	<0.0095	<0.0095	2
Methoxychlor	µg/L			40	40	<0.047	<0.047	2
Toxaphene	µg/L			3	0	<0.71	<0.71	2
gamma-BHC	µg/L			0.2	0.2	<0.0095	<0.0095	2
Aroclor 1016	µg/L			0.5	0	<0.076	<0.076	2
Aroclor 1221	µg/L			0.5	0	<0.24	<0.24	2
Aroclor 1232	µg/L			0.5	0	<0.095	<0.095	2
Aroclor 1242	µg/L			0.5	0	<0.095	<0.095	2
Aroclor 1248	µg/L			0.5	0	<0.095	<0.095	2
Aroclor 1254	µg/L			0.5	0	<0.095	<0.095	2
Aroclor 1260	µg/L			0.5	0	<0.095	<0.095	2
PCB-Total	µg/L			0.5	0	<0.24	<0.24	2
1,2-Dibromo-3-chloropropane	µg/L			0.2	0.2	<0.0097	<0.0097	2
1,2-Dibromoethane	µg/L			0.05	0.05	<0.0097	<0.0097	2
Alachlor	µg/L			2	0	<0.1	<0.1	2
Atrazine	µg/L			3	3	<0.1	<0.1	2
Simazine	µg/L			4	4	<0.07	<0.07	2
Herbicides		◆						
2,4,-D	µg/L			70	70	<0.10	<0.10	2
2,4,5-TP	µg/L			50	50	<0.20	<0.20	2
Dicamba	µg/L			N/A	N/A	<0.30	<0.30	2
Dalapon	µg/L			200	200	<1.0	<1.0	2
Dinoseb	µg/L			7	7	<0.20	<0.20	2
Pentachlorophenol	µg/L			1	0	<0.040	<0.040	2
Picloram	µg/L			500	500	<0.10	<0.10	2
Butachlor	µg/L			N/A	N/A	<0.1	<0.1	2
Metolachlor	µg/L			N/A	N/A	<0.1	<0.1	2
Metribuzin	µg/L			N/A	N/A	<0.1	<0.1	2
Propachlor	µg/L			N/A	N/A	<0.1	<0.1	2
Diquat	µg/L			20	20	<0.40	<0.40	2
Endothall	µg/L			100	100	<9.0	<9.0	2
Carbamate Pesticides		◆						
3-Hydroxycarbofuran	µg/L			N/A	N/A	<0.5	<0.5	2
Aldicarb	µg/L			3	1	<0.5	<0.5	2
Aldicarb sulfone	µg/L			2	1	<0.5	<0.5	2
Aldicarb sulfoxide	µg/L			4	1	<0.5	<0.5	2
Carbaryl	µg/L			N/A	N/A	<0.5	<0.5	2
Carbofuran	µg/L			40	40	<0.5	<0.5	2
Methiocarb	µg/L			N/A	N/A	<0.5	<0.5	2
Methomyl	µg/L			N/A	N/A	<0.5	<0.5	2
Oxamyl (Vydate)	µg/L			200	200	<0.5	<0.5	2
Propoxur	µg/L			N/A	N/A	<0.5	<0.5	2
Other Organic Chemicals		◆						
Benzo(a)pyrene	µg/L			0.2	0	<0.02	<0.02	2
Bis(2-ethylhexyl)adipate	µg/L			400	0	<0.57	<0.57	2
Bis(2-ethylhexyl)phthalate	µg/L			6	0	<0.57	<0.57	2

2019 Analytical Results Summary for Pueblo's Treated Water								
Parameter	Units	Primary Standard	Secondary Standard	MCL	MCLG	Range of Detection in Pueblo Water	Pueblo Treated Water Average Level	Number of Samples Analyzed
<b>Additional Parameters</b>								
Alkalinity (as CaCO <sub>3</sub> )	mg/L			N/A	N/A	58.0 - 116	91.6	53
Ammonia (as Nitrogen)	mg/L			N/A	N/A	0.07 - 0.45	0.19	130
Calcium Hardness (as CaCO <sub>3</sub> )	mg/L			N/A	N/A	77.6 - 171	125	53
Chlorine (Total Chloramine)	mg/L	◆		4	4	3.15 - 4.21	3.70	250
Chloride	mg/L		◆	250	N/A	8.14 - 14.4	11.0	50
Conductivity	µmho/cm		◆	N/A	N/A	256 - 539	411	251
Fluoride	mg/L	◆		4, 2*	4	0.31 - 0.76	0.64	364
Total Hardness (as CaCO <sub>3</sub> )	mg/L			N/A	N/A	102 - 217	165	52
Nitrate (as Nitrogen)	mg/L	◆		10	10	0.26	0.26	1
Nitrite (as Nitrogen)	mg/L	◆		1	1	<0.05	<0.05	1
Total Nitrate and Nitrite (as Nitrogen)	mg/L	◆		10	10	0.26	0.26	1
Ortho-Phosphate (as Phosphorous)	mg/L			N/A	N/A	<0.50	<0.50	1
pH	units		◆	6.5-8.5	N/A	6.73 - 7.79	7.36	251
Total Dissolved Solids	mg/L		◆	500	N/A	180 - 377	283	50
Sulfate	mg/L		◆	250	N/A	53.7 - 141	100	52
Total Organic Carbon	mg/L	◆		Removal	N/A	1.4 - 2.3	1.6	52

Listed above are regulated and unregulated contaminants detected in Pueblo's drinking water in 2019.  
*All are below regulated levels.*

**Drinking water produced by the Whitlock Treatment Facility meets all Health and Safety Standards as mandated by the Safe Drinking Water Act and the State of Colorado.**

#### Terms and Definitions Used in the Above Data Table

**P/A** - Presence/Absence - The determination of whether or not there is coliform bacteria present in a water sample.

**Primary Standards** - Mandatory Health Related Standards

**Secondary Standards** - Aesthetic Standards

**MCL** - Maximum Contaminant Level - The highest level of a contaminant that is allowed in drinking water. MCL's are set as close to the MCLG's as feasible using the best available treatment technology.

**MCLG** - Maximum Contaminant Level Goal - The level of a contaminant in drinking water below which there is no known or expected risk to health.

**MRDL** - Maximum Residual Disinfection Level - The maximum level of disinfectant residual allowed in a distribution system. Total chlorine (chloramine) in the table was measured at the Treatment Plant. Distribution chlorine levels are lower.

**Turbidity** - Turbidity is a measure of the cloudiness of water. We monitor it because it is a good indicator of the effectiveness of our plant's filtration system.

**NTU** - Nephelometric Turbidity Unit - A unit of measurement of turbidity in water.

**Oocysts** - A life cycle stage of a parasitic organism.

**µg/L** - microgram per liter or one part per billion

**mg/L** - milligram per liter or one part per million

**AL** - Action Level - Results over the action level require changes in water treatment technique.

**µmho/cm** - a unit of measurement of the conductivity of the water

< - Less Than

□ - THM and HAA values are an average of all DBP collection points in the distribution system.

\* Public notification is required if fluoride concentration exceeds 2.0 mg/L.

\*\* Total coliform and E. coli bacteriological samples are collected at designated locations throughout the distribution system each month.

\*\*\* There were 5 positive Total Coliform samples in 2019.

° Radiologicals analyzed in 2012.

\*\*\*\* SOC's analyzed in 2018.

Please contact the Board of Water Works Water Quality Laboratory for any information regarding water quality at (719) 584-0467. Hours are 7:00 am - 3:30 pm Monday through Friday.

2019 Analytical Results Summary for Pueblo's Raw Water Arkansas River Intake				
Parameter	Units	Range of Detection	Pueblo Raw Water Average Level	Number of Samples Analyzed

<b>Clarity</b>				
Turbidity	NTU	0.99 - 25.4	5.91	246

<b>Microbiological</b>				
Total Coliform Bacteria	MPN/100 mL	57.3 - >48392	3892	192
E. Coli Bacteria	MPN/100 mL	<1 - 240	19.0	192

<b>Inorganic Chemicals</b>				
<b>Trace Metals</b>				
Aluminum	µg/L	<1.00 - 31.4	8.35	9
Antimony	µg/L	<1.00 - 1.57	<1.00	9
Arsenic	µg/L	<1.00 - 1.16	<1.00	9
Barium	µg/L	35.1 - 71.1	53.0	9
Beryllium	µg/L	<1.00	<1.00	9
Cadmium	µg/L	<1.00	<1.00	9
Calcium	mg/L	31.9 - 69.4	49.8	7
Chromium	µg/L	<1.00	<1.00	9
Cobalt	µg/L	<1.00	<1.00	9
Copper	µg/L	<1.00 - 1.53	<1.00	9
Iron	mg/L	<0.50	<0.50	7
Lead	µg/L	<1.00	<1.00	9
Magnesium	mg/L	6.51 - 18.8	12.1	7
Manganese	µg/L	<1.00 - 22.5	4.38	9
Mercury	µg/L	<0.50	<0.50	4
Molybdenum	µg/L	2.92 - 5.46	4.34	9
Nickel	µg/L	1.15 - 2.71	1.97	9
Potassium	mg/L	1.50 - 2.94	2.22	7
Selenium	µg/L	1.39 - 7.88	3.77	9
Silver	µg/L	<1.00	<1.00	9
Sodium	mg/L	8.07 - 30.3	17.8	7
Thallium	µg/L	<1.00	<1.00	9
Vanadium	µg/L	<1.00 - 1.25	1.14	9
Zinc	µg/L	1.20 - 2.74	1.88	9

2019 Analytical Results Summary for Pueblo's Raw Water Arkansas River Intake				
Parameters (Cont'd)	Units	Range of Detection	Pueblo Raw Water Average Level	Number of Samples Analyzed
<b>Additional Parameters</b>				
Alkalinity (as CaCO <sub>3</sub> )	mg/L	68.8 - 132	107	51
Ammonia (as Nitrogen)	mg/L	<0.01 - 0.10	0.03	38
Calcium Hardness (as CaCO <sub>3</sub> )	mg/L	77.2 - 185	130	51
Chloride	mg/L	2.91 - 9.76	6.60	49
Conductivity	µmho/cm	236 - 573	412	246
Fluoride	mg/L	0.29 - 0.49	0.41	357
Total Hardness (as CaCO <sub>3</sub> )	mg/L	101 - 222	171	50
pH	units	7.51 - 8.52	8.03	246
Total Dissolved Solids	mg/L	165 - 392	286	47
Sulfate	mg/L	43.5 - 143	96.0	50

Listed above are regulated and unregulated contaminants detected in the raw water in 2019.

#### **Terms and Definitions Used in the Above Data Table**

**Turbidity** - Turbidity is a measure of the cloudiness of water. We monitor it because it is a good indicator of the effectiveness of our plant's filtration system.

**NTU** - Nephelometric Turbidity Unit - A unit of measurement of turbidity in the water.

**MPN/100 mL** - Most Probable Number per 100 milliliter - The most probable number of bacterial colonies per 100 milliliters of a water sample.

**ND** - Not Detected

**µg/L** - microgram per liter or one part per billion

**mg/L** - milligram per liter or one part per million

**µmho/cm** - a unit of measurement of the conductivity of the water

**<** - Less Than

Please contact the Board of Water Works Water Quality Laboratory for any additional information regarding water quality at (719)584-0467. Hours are 7:00 am - 3:30 pm Monday through Friday.

2019 Analytical Results Summary for Pueblo's Raw Water Pipeline				
Parameter	Units	Range of Detection	Pueblo Raw Water Average Level	Number of Samples Analyzed
<b>Clarity</b>				
Turbidity	NTU	0.55 - 10.7	2.10	251
<b>Microbiological</b>				
Total Coliform Bacteria	MPN/100 mL	1 - >24196	3665	196
E. Coli Bacteria	MPN/100 mL	<1 - 29.2	6.6	196
<b>Radiologicals*</b>				
Gross Alpha	pCi/L	5.1	5.1	1
Gross Alpha (Less Radon and Uranium)	pCi/L	2.6	2.6	1
Radium-226	pCi/L	0.0	0.0	1
Radium-228	pCi/L	0.30	0.30	1
Uranium	pCi/L	2.5	2.5	1
Uranium	µg/L	3.6	3.60	1
<b>Inorganic Chemicals</b>				
<b>Trace Metals</b>				
Aluminum	µg/L	<1.00 - 9.71	3.36	9
Antimony	µg/L	<1.00	<1.00	9
Arsenic	µg/L	<1.00 - 1.01	<1.00	9
Barium	µg/L	39.0 - 70.7	55.3	9
Beryllium	µg/L	<1.00	<1.00	9
Cadmium	µg/L	<1.00	<1.00	9
Calcium	mg/L	32.7 - 74.0	52.3	7
Chromium	µg/L	<1.00	<1.00	9
Cobalt	µg/L	<1.00	<1.00	9
Copper	µg/L	1.13 - 1.59	1.33	9
Iron	mg/L	<0.50	<0.50	7
Lead	µg/L	<1.00	<1.00	9
Magnesium	mg/L	7.22 - 17.5	12.5	7
Manganese	µg/L	<1.00 - 3.67	<1.00	9
Mercury	µg/L	<0.50	<0.50	4
Molybdenum	µg/L	3.12 - 5.49	4.44	9
Nickel	µg/L	1.15 - 2.67	2.00	9
Potassium	mg/L	1.55 - 2.88	2.26	7
Selenium	µg/L	1.86 - 7.61	4.21	9
Silver	µg/L	<1.00	<1.00	9
Sodium	mg/L	8.92 - 24.6	17.4	9
Thallium	µg/L	<1.00	<1.00	9
Vanadium	µg/L	1.03 - 1.53	1.18	9
Zinc	µg/L	1.16 - 5.58	1.96	9



2019 Analytical Results Summary for Pueblo's Raw Water Pipeline				
Parameter	Units	Range of Detection	Pueblo Raw Water Average Level	Number of Samples Analyzed
<b>Organic Chemicals</b>				
Total Volatile Organic Compounds (VOC's)**				
Benzene	µg/L	<0.50	<0.50	1
Bromobenzene	µg/L	<0.50	<0.50	1
Bromochloromethane	µg/L	<0.50	<0.50	1
Bromodichloromethane	µg/L	<0.50	<0.50	1
Bromoform	µg/L	<0.50	<0.50	1
Bromomethane	µg/L	<0.50	<0.50	1
n-Butylbenzene	µg/L	<0.50	<0.50	1
sec-Butylbenzene	µg/L	<0.50	<0.50	1
tert-Butylbenzene	µg/L	<0.50	<0.50	1
Carbon tetrachloride	µg/L	<0.50	<0.50	1
Chlorobenzene	µg/L	<0.50	<0.50	1
Chloroethane	µg/L	<0.50	<0.50	1
Chloroform	µg/L	<0.50	<0.50	1
Chloromethane	µg/L	<0.50	<0.50	1
o-Chlorotoluene	µg/L	<0.50	<0.50	1
p-Chlorotoluene	µg/L	<0.50	<0.50	1
Dibromochloromethane	µg/L	<0.50	<0.50	1
Dibromomethane	µg/L	<0.50	<0.50	1
m- Dichlorobenzene	µg/L	<0.50	<0.50	1
o- Dichlorobenzene	µg/L	<0.50	<0.50	1
p- Dichlorobenzene	µg/L	<0.50	<0.50	1
Dichlorodifluoromethane	µg/L	<0.50	<0.50	1
1,1- Dichloroethane	µg/L	<0.50	<0.50	1
1,2- Dichloroethane	µg/L	<0.50	<0.50	1
1,1,1- Dichloroethylene	µg/L	<0.50	<0.50	1
cis-1,2- Dichloroethylene	µg/L	<0.50	<0.50	1
trans-1,2- Dichloroethylene	µg/L	<0.50	<0.50	1
1,2- Dichloropropane	µg/L	<0.50	<0.50	1
1,3- Dichloropropane	µg/L	<0.50	<0.50	1
2,2- Dichloropropane	µg/L	<0.50	<0.50	1
1,1- Dichloropropene	µg/L	<0.50	<0.50	1
cis-1,3- Dichloropropene	µg/L	<0.50	<0.50	1
trans-1,3- Dichloropropene	µg/L	<0.50	<0.50	1
1,3- Dichloropropene	µg/L	<0.50	<0.50	1
Ethylbenzene	µg/L	<0.50	<0.50	1
Hexachlorobutadiene	µg/L	<0.50	<0.50	1
Isopropylbenzene	µg/L	<0.50	<0.50	1
p-Isopropyltoluene	µg/L	<0.50	<0.50	1
Methylene chloride	µg/L	<0.50	<0.50	1
Naphthalene	µg/L	<0.50	<0.50	1
n-Propylbenzene	µg/L	<0.50	<0.50	1
Styrene	µg/L	<0.50	<0.50	1
Tetrachloroethylene	µg/L	<0.50	<0.50	1
1,1,1 - Trichloroethane	µg/L	<0.50	<0.50	1
1,1,1,2- Tetrachloroethane	µg/L	<0.50	<0.50	1
1,1,2,2- Tetrachloroethane	µg/L	<0.50	<0.50	1
Toluene	µg/L	<0.50	<0.50	1
1,2,3- Trichlorobenzene	µg/L	<0.50	<0.50	1
1,2,4- Trichlorobenzene	µg/L	<0.50	<0.50	1
1,1,2- Trichloroethane	µg/L	<0.50	<0.50	1
Trichloroethylene	µg/L	<0.50	<0.50	1
Trichlorofluoromethane	µg/L	<0.50	<0.50	1
1,2,3- Trichloropropane	µg/L	<0.50	<0.50	1
1,2,4- Trimethylbenzene	µg/L	<0.50	<0.50	1
1,3,5- Trimethylbenzene	µg/L	<0.50	<0.50	1
Vinyl chloride	µg/L	<0.50	<0.50	1
m,p- Xylene	µg/L	<0.50	<0.50	1
o-Xylene	µg/L	<0.50	<0.50	1
Xylenes, Total	µg/L	<0.50	<0.50	1

2019 Analytical Results Summary for Pueblo's Raw Water Pipeline				
Parameter	Units	Range of Detection	Pueblo Raw Water Average Level	Number of Samples Analyzed
<b>Organic Chemicals (continued)**</b>				
<b>Pesticides</b>				
Aldrin	µg/L	<0.0095	<0.0095	2
alpha-Chlordane	µg/L	<0.0095	<0.0095	2
gamma-Chlordane	µg/L	<0.0095	<0.0095	2
Chlordane	µg/L	<0.19	<0.19	2
Dieldrin	µg/L	<0.0095	<0.0095	2
Endrin	µg/L	<0.0095	<0.0095	2
Hexachlorocyclopentadiene	µg/L	<0.095	<0.095	2
Heptachlor	µg/L	<0.0095	<0.0095	2
Heptachlor epoxide	µg/L	<0.0095	<0.0095	2
Hexachlorobenzene	µg/L	<0.0095	<0.0095	2
Methoxychlor	µg/L	<0.047	<0.047	2
Toxaphene	µg/L	<0.71	<0.71	2
gamma-BHC	µg/L	<0.0095	<0.0095	2
Aroclor 1016	µg/L	<0.076	<0.076	2
Aroclor 1221	µg/L	<0.24	<0.24	2
Aroclor 1232	µg/L	<0.095	<0.095	2
Aroclor 1242	µg/L	<0.095	<0.095	2
Aroclor 1248	µg/L	<0.095	<0.095	2
Aroclor 1254	µg/L	<0.095	<0.095	2
Aroclor 1260	µg/L	<0.095	<0.095	2
PCB-Total	µg/L	<0.24	<0.24	2
Alachlor	µg/L	<0.1	<0.1	2
Atrazine	µg/L	<0.1	<0.1	2
Simazine	µg/L	<0.07	<0.07	2
<b>Herbicides</b>				
2,4,-D	µg/L	<0.10	<0.10	2
2,4,5-TP	µg/L	<0.20	<0.20	2
Dicamba	µg/L	<0.30	<0.30	2
Dalapon	µg/L	<1.0	<1.0	2
Dinoseb	µg/L	<0.20	<0.20	2
Pentachlorophenol	µg/L	<0.040	<0.040	2
Picloram	µg/L	<0.10	<0.10	2
Butachlor	µg/L	<0.1	<0.1	2
Metolachlor	µg/L	<0.1	<0.1	2
Metribuzin	µg/L	<0.1	<0.1	2
Propachlor	µg/L	<0.1	<0.1	2
Endothall	µg/L	<0.90	<0.90	2
<b>Carbamate Pesticides</b>				
3-Hydroxycarbofuran	µg/L	<0.500	<0.500	2
Aldicarb	µg/L	<0.500	<0.500	2
Aldicarb sulfone	µg/L	<0.500	<0.500	2
Aldicarb sulfoxide	µg/L	<0.500	<0.500	2
Carbaryl	µg/L	<0.500	<0.500	2
Carbofuran	µg/L	<0.500	<0.500	2
Methiocarb	µg/L	<0.500	<0.500	2
Methomyl	µg/L	<0.500	<0.500	2
Oxamyl (Vydate)	µg/L	<0.500	<0.500	2
Propoxur	µg/L	<0.500	<0.500	2
1,2-Dibromo 3-chloropropane	µg/L	<0.0098	<0.0098	2
1,2-Dibromoethane	µg/L	<0.0098	<0.0098	2
<b>Other Organic Chemicals</b>				
Benzo(a)pyrene	µg/L	<0.02	<0.02	2
Bis(2-ethylhexyl)adipate	µg/L	<0.60	<0.60	2
Bis(2-ethylhexyl)phthalate	µg/L	<0.60	<0.60	2



2019 Analytical Results Summary for Pueblo's Raw Water Pipeline				
Parameters (Cont'd)	Units	Range of Detection	Pueblo Raw Water Average Level	Number of Samples Analyzed
<b>Additional Parameters</b>				
Alkalinity (as CaCO <sub>3</sub> )	mg/L	69.2 - 127	103	53
Ammonia (as Nitrogen)	mg/L	<0.01 - 0.11	0.03	39
Calcium Hardness (as CaCO <sub>3</sub> )	mg/L	78 - 172	125	53
Chloride	mg/L	3.12 - 9.23	6.47	50
Conductivity	µmho/cm	228 - 530	398	251
Fluoride	mg/L	0.29 - 0.49	365.00	0.4
Total Hardness (as CaCO <sub>3</sub> )	mg/L	79.2 - 216	165	52
Ortho-Phosphate (as Phosphorous)	mg/L	<0.50	<0.50	4
pH	units	7.45 - 8.99	8.12	251
Total Dissolved Solids	mg/L	166 - 371	279	52
Sulfate	mg/L	42.6 - 134	93	52
Total Organic Carbon	mg/L	2.0 - 3.2	2.30	52

Listed above are regulated and unregulated contaminants detected in the raw water in 2019.

#### Terms and Definitions Used in the Above Data Table

**Oocysts** - Life cycle stage of a parasitic organism.

**Turbidity** - Turbidity is a measure of the cloudiness of water. We monitor it because it is a good indicator of the effectiveness of our plant's filtration system.

**NTU** - Nephelometric Turbidity Unit - A unit of measurement of turbidity in the water.

**MPN/100 mL** - Most Probable Number per 100 milliliter - The most probable number of bacterial colonies per 100 milliliters of a water sample.

**ND** - Not Detected

**µg/L** - microgram per liter or one part per billion

**mg/L** - milligram per liter or one part per million

**µmho/cm** - a unit of measurement of the conductivity of the water

< - Less Than    > - Greater Than

\* Radiologicals analyzed in 2012. \*\*Organics analyzed in 2017.

Please contact the Board of Water Works Water Quality Laboratory for any additional information regarding water quality at (719) 584-0467. Hours are 7:00 am - 3:30 pm Monday through Friday.

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
STATISTICAL SECTION  
D - OPERATING INFORMATION

Water Services: 2019 - 2010

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Fire Hydrants	4,154	4,141	4,113	4,077	4,043	4,028	3,996	3,985	3,975	3,967
New Installation	13	28	36	34	15	32	11	10	8	16
Replacement	30	44	28	25	20	40	31	29	39	37
Maintenance	923	836	823	1,265	1,087	917	947	1,215	1,510	392
Leak Detection	877	741	729	903	873	869	931	868	1,022	1,012
Main Breaks	44	38	48	31	45	45	57	48	47	54
Service Turn Ons	4,645	4,432	3,707	3,484	4,191	4,089	4,078	3,932	3,879	3,711
Service Turn Offs	4,498	4,273	4,843	4,182	4,718	4,673	4,563	4,484	4,721	4,547
Sprinkler Shut Off	233	233	252	264	273	241	264	260	303	309
Sprinkler Turn On	219	182	232	234	249	228	228	243	240	268
<sup>1</sup> Automated Meter Reading	40,932	40,794	40,613	40,548	37,337	33,862	30,318	26,454	22,925	18,961
Manual Meter Reading	2	2	2	2	3,053	6,502	10,525	13,776	17,309	21,230
<sup>2</sup> Total Meters	40,934	40,796	40,615	40,550	40,390	40,364	40,843	40,230	40,234	40,191
AMR conversion costs	\$ -	\$ -	\$ -	\$ 717,483	\$ 822,982	\$ 968,917	\$ 729,595	\$ 833,332	\$ 784,864	\$ 855,440

<sup>1</sup>The Automated Meter Reading (AMR) project was started in 2007. The project is designed and planned for installation and phase in through 2016.

<sup>2</sup>Includes fire hydrant meters and water dispensing station accounts.

BOARD OF WATER WORKS OF PUEBLO, COLORADO  
STATISTICAL SECTION  
D - OPERATING INFORMATION

Transmission & Distribution Mains - 2019

Pipe Summary

Type of Material	Total Footage	Total Miles	Transmission Footage	Transmission Miles	Distribution Footage	Distribution Miles	Raw Water Footage	Raw Water Miles
AC	1,200,569	227.380	31,080	5.89	1,169,489	221.49	-	-
Cast Iron	673	0.130	673	0.13	-	-	-	-
Cast Iron and Galvanized	2,758	0.520	-	-	2,758	0.52	-	-
Cast Iron CML	563,801	106.780	4,212	0.80	559,589	105.98	-	-
Cast Iron UL	3,465	0.650	963	0.18	2,502	0.47	-	-
Concrete Cylinder	5,054	0.960	3,466	0.66	1,588	0.30	-	-
Ductile Iron	30,269	5.730	11,689	2.21	15,858	3.00	2,722	0.52
HDPE	3,870	0.730	966	0.18	2,904	0.55	-	-
HDPE Polar	262	0.050	-	-	262	0.05	-	-
PVC	1,008,992	191.100	80,417	15.23	928,575	175.87	-	-
PVC Polar	110	0.020	-	-	110	0.02	-	-
Steel	253,547	48.020	199,247	37.74	22,703	4.30	31,597	5.98
Wood	-	-	-	-	-	-	-	-
	<b>3,073,370</b>	<b>582.07</b>	<b>332,713</b>	<b>63.02</b>	<b>2,706,338</b>	<b>512.55</b>	<b>34,319</b>	<b>6.50</b>

Size of Material

3"	2,758	0.52	-	-	2,758	0.52	-	-
4"	7,772	1.47	-	-	7,772	1.47	-	-
6"	753,926	142.79	-	-	753,926	142.79	-	-
8"	1,075,465	203.69	-	-	1,075,465	203.69	-	-
10"	8,995	1.70	-	-	8,995	1.70	-	-
12"	593,646	112.43	-	-	593,646	112.43	-	-
14"	240	0.05	-	-	240	0.05	-	-
16"	263,536	49.91	-	-	263,536	49.91	-	-
18"	2,163	0.41	2,163	0.41	-	-	-	-
20"	64,544	12.22	64,544	12.22	-	-	-	-
21"	18,208	3.45	18,208	3.45	-	-	-	-
24"	105,712	20.03	102,990	19.51	-	-	2,722	0.52
28"	966	0.18	966	0.18	-	-	-	-
30"	85,445	16.18	83,966	15.90	-	-	1,479	0.28
36"	11,797	2.23	11,797	2.23	-	-	-	-
42"	36,415	6.90	36,415	6.90	-	-	-	-
48"	9,728	1.84	9,728	1.84	-	-	-	-
54"	1,275	0.24	1,275	0.24	-	-	-	-
60"	1,944	0.37	661	0.13	-	-	1,283	0.24
66"	10,489	1.99	-	-	-	-	10,489	1.99
78"	12,954	2.45	-	-	-	-	12,954	2.45
84"	5,392	1.02	-	-	-	-	5,392	1.02
	<b>3,073,370</b>	<b>582.07</b>	<b>332,713</b>	<b>63.01</b>	<b>2,706,338</b>	<b>512.56</b>	<b>34,319</b>	<b>6.50</b>

Main Extensions

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
4"	-	-	-	-	-	-	-	217	-	-
6"	956	-	-	674	279	102	-	4	-	-
8"	2,360	2,813	5,983	1,971	1,154	2,497	971	1,367	533	2,299
12"	1,166	287	2,098	2,943	1,109	141	432	40	3	708
16"	288	-	-	272	-	-	92	2,581	26,135	1,296
20"	-	-	-	-	-	-	-	8	-	-
24"	-	-	-	-	-	-	55	418	1,047	-
30"	-	-	-	-	-	-	217	-	-	-
36"	-	-	-	-	-	-	-	1,305	-	-
42"	-	-	-	-	-	-	-	1,184	-	-
	<b>4,770</b>	<b>3,100</b>	<b>8,081</b>	<b>5,860</b>	<b>2,542</b>	<b>2,740</b>	<b>1,767</b>	<b>7,124</b>	<b>27,718</b>	<b>4,303</b>



**For more information, please contact:**  
**Director of Administrative Services**  
**Board of Water Works of Pueblo, CO**  
**319 W. 4th Street, Pueblo, CO 81003**  
**719.584.0233**

