



Placer County Water Agency  
Auburn, CA



2020

# Comprehensive Annual Financial Report

For the fiscal year ended December 31, 2020





# Comprehensive Annual Financial Report

For the Year Ended December 31, 2020



Placer County Water Agency  
Auburn, California  
[www.pcwa.net](http://www.pcwa.net)

Prepared by the Department of Financial Services

*On the cover construction of the Foothill Raw Water Pipeline*

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# Introductory Section

**Hell Hole Reservoir**



*Photo by PCWA employee Jason Bergman*







PLACER COUNTY WATER AGENCY  
SINCE 1957  
BOARD OF DIRECTORS  
Gray Allen, District 1  
Primo Santini, District 2  
Mike Lee, District 3  
Robert Dugan, District 4  
Joshua Alpine, District 5  
Andrew Fecko, General Manager  
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April 28, 2021

The Honorable Board of Directors and General Manager  
Placer County Water Agency

The Department of Financial Services is pleased to present the Comprehensive Annual Financial Report (CAFR) of the Placer County Water Agency (PCWA or Agency) for the year ended December 31, 2020. This letter of transmittal is designed to complement the Management’s Discussion and Analysis and should be read in conjunction with it.

The California Government Code requires an annual independent audit of PCWA’s financial statements by a Certified Public Accountant. Davis Farr LLP has issued an unmodified “clean” opinion on the Placer County Water Agency’s financial statements for the year ended December 31, 2020, which is included in the financial section of this CAFR.

## OVERVIEW OF THE PLACER COUNTY WATER AGENCY

PCWA was created in 1957 under its own state legislative act entitled the “Placer County Water Agency Act.” The Agency is a special district and its boundaries are coterminous with the boundaries of Placer County, California. Placer County (County) is bordered by the State of Nevada on the east, Nevada County on the north, Yuba and Sutter Counties on the west and Sacramento and El Dorado Counties on the south. Placer County occupies an area of approximately 1,500 square miles, which includes relatively level valley lands in its western portion and extends easterly into the Sierra-Nevada Mountains to Lake Tahoe and the Nevada state line. The County is located immediately northeast of Sacramento County, approximately 100 miles northeast of the San Francisco Bay metropolitan area. Interstate 80 transects Placer County from west to east. The Agency has a five-member board of directors elected by district voters for four-year terms. The Agency carries out a broad range of responsibilities including resources planning and management, retail and wholesale supply of water, and production of hydroelectric energy and has staff of 232 regular employees providing services to its three operating budget units: Agency Wide, Power Division and Water Division.

### *Agency Wide*

Agency Wide provides the water and energy advocacy and stewardship functions within the boundaries of the County. Agency officials understand the complexities, interrelationships and importance of sustaining reliable and affordable water and energy for Placer County’s present and future needs. PCWA serves as a local water resources management and stewardship entity striving to protect the watershed, water ways and water quality important to the people, lands and ecosystems of the County. PCWA holds extensive surface water entitlements and rights on the Middle Fork American River. Water is sold wholesale to various water

purveyors who retail it to their customers. Agency Wide wholesales water to the City of Roseville, San Juan Water District, Sacramento Suburban Water District, and to PCWA's Water Division. Agency Wide activities are varied and far ranging. These include involvement in water issues affecting the Lake Tahoe and Truckee River system, the American River system, the Yuba/Bear Rivers system, the Central Valley Project and the Bay/Delta system. PCWA is actively involved in numerous collaborative partnerships, including watershed planning, groundwater management, and regional infrastructure and conjunctive use projects. Advocacy for PCWA water entitlements and energy resources for Placer County are at the forefront of Agency Wide interests and activities. The Middle Fork Project (MFP), an Agency Wide asset, consists of 3 storage reservoirs and 5 diversion dams, 5 power plants, diversion and water transmittal facilities, 5 tunnels and related facilities. The 1963 revenue bonds, which originally funded the construction of the MFP, were approved by a vote of the people of Placer County in 1961 and repaid on January 1, 2013. No single community or water system has a superior entitlement to receive the benefits of the MFP. The financial activities that flow from the sale of water from the MFP are kept in the Agency Wide division. The financial activities that flow from the operation and maintenance of the MFP and the sale of power are kept under the Power Division.

### ***Power Division***

PCWA's Power Division was established with the construction of the MFP that began in 1963 and was completed in 1967. PCWA owns and operates 5 hydroelectric power plants, 3 primary storage reservoirs (French Meadows, Hell Hole and Ralston) and 24 miles of tunnels. The MFP can generate, at peak power, 224 megawatts that averages 1.03 million megawatt hours annually of hydroelectric power. The electricity generated is metered by the CAISO and shadow settled by the Agency. Power generation is sold directly to the CAISO, while other energy products services (renewables, resource adequacy and carbon-free) are sold through bilateral contracts.

### ***Water Division***

PCWA acquired its first and primary water system in 1968. With subsequent acquisitions and growth, the Agency has become the largest water purveyor in the County, serving more than 40,000 water accounts. Surface water supplies are purchased from PG&E and Agency Wide. The backbone of the water system is the over 160 miles of canals, ditches, flumes and several small reservoirs that PCWA owns and operates, most of which were built in the gold rush era. PCWA delivers and sells a significant amount of untreated water for irrigation of pastures, orchards, rice fields, farms, ranches, golf courses and landscaping. The Agency owns and operates eight water treatment plants, 24 water tanks and over 600 miles of treated water pipelines. Treated surface water is sold directly to PCWA customers residing in Auburn, Colfax, Loomis, Rocklin, portions of Roseville and throughout various unincorporated areas of the County. Treated water is also sold wholesale to the City of Lincoln and others who retail it directly to their customers. The Agency also uses groundwater to occasionally supplement surface water supplies when needed in Western Placer County.

### ***Sources of Water Supply***

PCWA's region has plentiful water resources as its service area is bordered by two rivers: the Yuba/Bear River to the north and the American River to the south. PCWA's jurisdiction extends into the watershed that provides mostly gravity fed water to the Agency's water infrastructure. The Agency obtains water from three primary sources: 1) Currently, the majority of water PCWA delivers to its treated and untreated



water customers in Western Placer County comes from water pursuant its Western Water Supply Contract with PG&E and allows the Agency to take delivery of up to a maximum of 100,400 AF per year from the Yuba and Bear Rivers through PG&E's Drum-Spaulding Project; 2) In 1982 the Agency acquired treated and untreated water systems serving the portion of upper Western Placer County that is adjacent to Interstate 80 from Alta, down through Colfax, to the Eastern boundary, just above Auburn. With this acquisition, the Agency acquired the right to purchase up to 25,000 acre feet annually from PG&E for use in this area with water from PG&E's Drum-Spaulding Project; 3) The Agency has up to 120,000 acre feet of water available annually from appropriated water rights developed through the construction of the 1963 Middle Fork Project on the American River. Water can be diverted into the water system through the American River Pump Station to Auburn tunnel and from Folsom Reservoir.

In addition to the three primary sources above, the Agency has rights to approximately 35,000 AF of water from the United States Bureau of Reclamation's Central Valley Project. The Agency also has two wells that reliably provide up to 2,000 AF of water per year within the Sunset Industrial area located in unincorporated Western Placer County. These wells provide back-up supply to the Agency's water system and are not routinely operated to meet normal system demands.

### ***Governance***

PCWA is a public agency (special district) governed by a five member independently elected Board of Directors (Board) serving staggered four-year terms with one Director from each of the five Placer County supervisorial districts. The Directors reside within their geographical district areas and are elected by the constituents of that district only. Annually, a Chairman and Vice Chair are chosen among the Board members. PCWA operates under a Board-Manager form of government. The General Manager is appointed by the Board to administer the daily affairs of the Agency and carry out the policies of the Board of Directors.

The Board meets in regular session on the first and third Thursdays of each month. Regular meetings are held at 2:00 p.m. at the Placer County Water Agency Business Center, 144 Ferguson Road, Auburn, California. Board meetings are open to the public.

### ***Budget Process***

Annually, the Agency prepares and adopts an operating budget and updates its five-year Capital Improvement Program (CIP). Both budgets serve as the foundation for the Agency's financial planning and fiscal control. Budgets are adopted on a basis consistent with governmental generally accepted accounting principles. Budgetary controls are set at the department level and are maintained to ensure compliance with the budget approved by the Board of Directors. Department directors have the discretion to transfer budgeted funds between accounts/activities within their departments. Two consenting departments can transfer budgeted funds between their departments. Changes to the Capital Improvement Program budget and increases to the operating budget require Board approval.

## ***Significant Events and Accomplishments***

### Hydrology – 2020

2020 was drier than average with annual precipitation at approximately 58% of average.

### COVID-19 Pandemic

The outbreak of COVID-19 (a respiratory disease caused by a novel strain of coronavirus) which began in the winter of 2019 and which continues as of the date of this transmittal, was declared as a pandemic by the World Health Organization. The United States, the State, and the County of Placer have each declared a “state of emergency” or equivalent. In response to the COVID-19 outbreak, governmental actions have included the implementation of “stay-at-home” (or “safer-at-home”) orders by the State and local governments requiring citizens to remain at home except for certain essential purposes. Although recently some of these restrictions on movement have been eased, certain restrictions were re-imposed in various jurisdictions under active monitoring by the State (including Placer County). Restrictions may be modified, lifted, re-instated or expanded as the pandemic continues and local conditions warrant.

The Agency’s Water System is in a federally designated critical infrastructure sector and exempted under the California Governor’s State-wide stay-at-home order and the local orders, as needed to maintain continuity of operations. The Agency implemented a variety of measures with respect to essential workers, remote employees and back-up operations designed to maintain its business functions and to protect the public health and the health of its employees. The Agency’s ability to provide water service and to conduct billing and collection functions has not been impaired.

Based on data available through December 31, 2020, the impact to Water Division revenues from COVID-19 has been slight. Collection of water system receivables continues to be maintained at the high 90% level with only slight increases in customer delinquency throughout the COVID-19 pandemic. Delinquent accounts receivable, as measured by active customer accounts receivable aged greater than 90 days since billing, increased approximately \$147,000 during 2020, which represents only 0.26% of the estimated \$56.5 million in 2020 combined treated and untreated water sales revenue. Correspondingly, delinquent customers increased by 591 during the year to 686 as of December 31, 2020. Over 98% of customers continue to pay their water bill timely.

### Middle Fork Project (MFP)

The Agency received a Clean Water Act Section 401 Certification from the State Water Resources Control Board (SWRCB) on April 17, 2019, and on June 8, 2020, the Agency was issued a new 40-year FERC License. Implementation of certain beneficial infrastructure projects included in the new license has already begun, with planning and engineering of several MFP enhancements well under way. In addition, the Agency must maintain its commitments to providing a quality recreational experience for citizens at all MFP related facilities.

### Planning and Land Development

The Agency experienced a steady level of development activity, committing more than 500 new equivalent dwelling units (EDUs). Based on recent capacity enhancements and absorption forecasts, the Agency has sufficient water treatment capacity to meet demand to 2030. The Agency has made efforts towards new

water supply infrastructure, including the Ophir Water Treatment Plant, through a revised water connection charge (WCC) model and by wholesale purchase agreements.

## **ECONOMIC CONDITIONS OF PCWA**

PCWA's jurisdiction is contiguous with the boundaries of Placer County, hence, County wide economic information follows:

### ***Placer County Economy***

Placer County has been one of the fastest growing counties in California featuring thousands of acres available for growth, low cost housing and a skilled and educated workforce. In the last decade the County has experienced an overall population growth of approximately 11.7%, while the increase from 2019 to 2020 was only 1.0%. The long-term forecast for the County's growth is a steady of an average 1%. The population is expected to reach approximately 454,000 by 2030. The 2030 figure represents a 14.2% increase over the current population of 397,469.

At December 2020, Placer County's unemployment is currently lower than the State's average: Placer County at 6% and State at 9.1%. Last year unemployment was 2.7% and 3.9% respectively, however both have increased due to the pandemic.

The County's per capita personal income also exceeded the State's per capita personal income by 3.4% in 2019 (Data is not currently available for 2020). Please see the Statistical Section for additional information.

Placer County has experienced an increase in development over the past five years. For example, the Agency's Water Connection Charge revenues, which are charges to connect to new water service, increased from a total of \$5.0 million in 2013 to \$25.0 million in 2015 and \$8.7 million in 2020. The decrease in EDU commitment since 2015 was expected as the Agency has changed its EDU allocation method whereas the Agency may now only allocate a fraction of an EDU for a residential service that commits to a limited water consumption agreement.

### ***Long-term Financial Planning***

Annually, during the budget process, the Agency reviews its water rates, fees and charges and makes adjustments, as needed, to provide the revenues and funding necessary to cover the Water Division's coming year operating expenses. Correspondingly, both the Power Division and Agency Wide budgets are reviewed to ensure they are balanced. The Agency's Capital Improvement Program is reported for the next 5 years, yet is projected up to 30 years out for the Water Division to ensure sufficient planning for necessary infrastructure. With certain Water Division infrastructure reaching the end of its maintainable life, in 2001 PCWA adopted a new component to the water rates to specifically fund the replacement of aging infrastructure. Since 2001, the renewal and replacement (R&R) charge has steadily grown to result in \$14 million annual funding for R&R Capital Projects.

In 2017, the Agency overlaid Zones 1, 2, 3, and 5 with a newly established Zone 6 (also known as the Western Water System), following a comprehensive Water Cost of Service and Rate Study (Study) across all Agency water services. Initiated in 2015 and completed in September 2017, the Study sought to (1)

establish fair and equitable water rates for Zone 6 that proportionately allocated the costs of providing service in accordance with California Constitution Article XIII D, Section 6 (commonly referred to as Proposition 218), (2) provide sufficient revenue based on costs, (3) ensure rates are based upon the costs to provide service to each customer class and each rate tier, and (4) produce an administrative record to support decisions made within the rate design.

The Study proposed a new rate structure and design that shifted the Water System revenue components from 45% fixed and 55% commodity based, to 60% fixed and 40% commodity based. This adjustment aligned revenue more closely to the Agency's cost structure, which is approximately 85% fixed, while still promoting conservation through a tiered commodity pricing structure. The Study also included a revenue requirement of \$3.74 million (increase of 8.3%) to the annual cost of service to replenish recent annual reserve use.

In 2018, the Board adopted uniform rates, fees and charges throughout the Agency's service area, consolidated some customer classifications, reduced the number of commodity tiers for many rate schedules, in order to maintain a cost of service structure consistent with state law and industry standards, and allow for an annual inflation adjustment based on the Consumer Price Index for years 2019-2022, upon annual Board consideration and approval. For 2020, a 2.9% CPI increase was adopted for monthly service charges and renewal and replacement rates.

## **FINANCIAL POLICIES AND GUIDELINES**

The financial integrity of PCWA is of utmost importance. Maintaining fiscal stability is a critical component of the overall financial plan. PCWA is accountable to its ratepayers and the public for the use of public funds. Resources should be used wisely to ensure adequate funding for services, public facilities and infrastructure necessary to meet present and future needs. PCWA's financial policies and guidelines provide the backbone for making financial decisions and a benchmark for monitoring financial activities.

### **Revenue and Expense Guidelines**

This policy supplements other policies to support financial stability and integrity and provides measures to ensure financial accountability and transparency. These guidelines state the Agency will maintain sound financial practices in accordance with generally accepted accounting principles, the Agency Act, Local, State and Federal laws and regulations. And the Agency will maintain and further develop programs to assure its long-term ability to pay all the costs necessary to provide the level and quality of service required by its customers.

### **Investment Policy**

The Agency's *Investment Policy* follows California Government Code objectives of safety, liquidity and yield (in that priority order). Annually during the first quarter of each year, the policy is reviewed and re-adopted by the Board of Directors to ensure PCWA's Investment Policy is up-to-date with current regulations. The Director of Financial Services also serves as the Agency's Treasurer who annually reviews the Investment Policy and as necessary, submits recommended revisions to the Board for their annual consideration and approval. The investing process is carefully monitored to ensure compliance with the Investment Policy and other applicable regulations.



### **Budget Policy**

In 2018, the Agency's *Budget Policy* was updated to provide a more flexibility for the Capital Improvement Plan (CIP). Adopted by the Board in November 2006, amended in 2007 and again in 2018, the revised Budget Policy more clearly defines the budget process for both the operating and CIP budgets. This also provides better guidance to Agency personnel performing budgetary process functions. The policy requires balanced budgets, which will serve as a financial plan to promote financial stability while accomplishing the Board's goals and objectives.

### **Reserve Policy**

The Agency's *Reserve Policy*, initially adopted in 2005 as the *Net Asset Reserve and Designation Policy*, was renamed and revised in July 2015 for the purpose of a simpler more streamlined policy. This policy is designed to distinguish between Legally Restricted Reserves and Board Designated Reserves, establish distinct purposes for each reserve category, set funding targets and accumulation levels for reserves, and identify events or conditions prompting use.

The Reserve Policy provides guidance for establishing, funding and using reserves to meet known future obligations and unforeseen needs as deemed prudent and/or required by agreement. As available and deemed appropriate, Board Designated Reserves are funded to reserves in the following broad categories; Operational, Capital, Liabilities, Specific Activities, Programs and Special Projects. Each category is further defined by distinct reserve accounts, for example, reserve for contingencies under the operational category. Each reserve category has a description for purpose, funding amount, funding source and use.

### **Debt Management Policy**

In April 2007, the Agency adopted its first *Debt Management Policy*, which provides written guidelines and restrictions that affect the amount and type of debt issued by the Agency, the issuance process, and the management of the debt portfolio. The policy is intended to provide guidance for debt structure, its justification and evaluation. The primary objective of the Debt Management Policy is to establish conditions for the use of debt and to create procedures and policies that minimize PCWA's debt service and issuance costs, retain the highest practical credit rating, and maintain full and complete financial disclosure and reporting.

### **Capital Asset Policy**

In January 2020, the Agency revised and updated its *Capital Asset Policy*, initially adopted in last revised in August 2009. This policy establishes the policy for asset capitalization and safeguarding and defines capital-type items (fixed assets) as land, buildings, machinery or equipment with an original cost of \$10,000 or greater and a useful life of more than one year.

The Capital Asset Policy stems from two objectives: (1) To accurately account for and report capital assets in financial reports and to update the guidelines for capitalizing capital-type items, and (2) to establish procedures to protect Agency fixed assets from damage, loss or theft.

### **Fraud Policy**

The financial integrity is of utmost importance to PCWA. Initially adopted in June 2004, the *Fraud Policy* formalizes the expectations of personal honesty and integrity required of Agency officials and employees. This policy sets out specific guidelines and responsibilities regarding appropriate actions that must be followed if fraud is suspected or identified and the subsequent investigation process.

### **Identity Theft Prevention Program**

In 2008, the Agency adopted an *Identity Theft Prevention Policy* consistent with Federal Trade Commission (FTC) Red Flag rules. This policy provides for the identification, detection, and response to patterns, practices, or specific activities (“red flags”) that could detect identity theft.

### **Procurement Policy**

The Agency’s *Procurement Policy* was revised and readopted by the Agency in 2018. This policy provides the framework and guidelines for Agency purchases and contracts. This policy covers all Agency procurement activities (commodity and service purchases and public works contracts) and adheres to Government Code Section 54202 that requires local governmental agencies to adopt policies and procedures including “bidding regulations, governing purchases of supplies and equipment.”

### **P-Card Policy**

In 2016, the Agency adopted a *Procurement Card (P-Card) Policy* to provide the framework and guidelines for the prudent use of Agency Procurement Cards. The objective of the policy is to provide delegation of authority and responsibility within a framework of accountability and controls for an Agency P-Card Program.

### **Major Initiatives**

The Agency continues its active involvement at the Board and management levels in a wide variety of water and energy related issues affecting Placer County. The Agency continues participation in Bay-Delta, Lake Tahoe and Truckee River issues, a county-wide financial assistance program, American and Yuba/Bear River watershed interests, and an integrated water resources program including surface water, reclaimed water, conservation and groundwater management issues. The Agency’s involvement includes the State’s plan to modify the water delivery infrastructure of the Bay-Delta and possible impacts upon Placer County’s water supplies through the Delta Stewardship Council and its related programs; monitoring the Truckee River operating agreement; hearings on water right matters important to the Agency that are under consideration by the State Water Resources Board; legislative and regulatory advocacy at the state and federal levels; adapting the organization to an ever-changing and expanding role as a resource agency on water and energy issues; greater involvement in watershed, groundwater and planning strategies; and continued support of local Cities and the County’s general plans (including Placer Legacy) relevant to water.

The Agency’s Power System department is implementing a number of new studies and procedures in conjunction of the FERC license issuance. With the new license will come all new terms and conditions, on required infrastructure and recreation improvements, each with an implementation timeline.

The Technical Services department will continue to manage several large projects in 2021, which includes the American River Pump Station and Ophir Road Pump Station Standby Power project to allow for pumping during PG&E Public Safety Power Shutoffs and the Alta Loop Pipeline project to provide for redundancy in that region. Finally, water quality and plant maintenance operations will continue to perform in accordance with the Agency's responsibility to maintain and preserve water facilities and infrastructure, while delivering high quality potable water to its customers.

## **FINANCIAL INFORMATION**

### ***Internal Controls***

Elected officials and those employed by the Agency are entrusted as stewards of public resources. Whether cash, equipment or water rights, these resources are entrusted to their care and need to be properly safeguarded, managed and accounted for. As with any good business operation, good decisions are based upon complete, accurate, reliable, relevant and timely information. A strong system of effective internal controls will provide a backbone for good stewardship and sound decision-making.

Internal controls are the system of checks and balances an organization employs to prevent and detect errors in the processing of data (accurate and reliable), to promote smooth operation, to monitor and maintain compliance and to safeguard and manage the entity's assets.

Integrated into the Agency's daily activities, internal controls are incorporated within the overall control environment. The Agency's control environment includes its organizational structure, culture, philosophies, policies and procedures as established by the Board and management. The control environment sets the "tone from the top" and promotes the organizational integrity of information for stewardship and decision-making.

PCWA is responsible for designating and maintaining an internal control structure to ensure that its assets are protected from loss, theft or misuse, and to ensure that adequate financial data are accounted for and compiled into financial information including the annual financial statements. The internal control structure is designed to provide reasonable assurance the financial and other management information is authorized, accurate, and reliable. This concept of reasonable assurance recognizes that (1) the cost of control should not exceed the benefits likely to be derived, and (2) the valuation of costs and benefits requires estimates and judgments by management.

### ***Awards and Acknowledgements***

The Government Finance Officers Association of the United States and Canada (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to Placer County Water Agency for its comprehensive annual financial report for the fiscal year ended December 31, 2019. In order to be awarded a Certificate of Achievement, a government must publish an easily readable and efficiently organized comprehensive annual financial report. This report must satisfy both generally accepted accounting principles and applicable legal requirements.

A Certificate of Achievement is valid for a period of one year only. We believe that our current comprehensive annual financial report continues to meet the Certificate of Achievement Program's requirements and we are submitting it to the GFOA to determine its eligibility for another certificate.

This CAFR reflects the hard work, talent and commitment of the staff members of the Financial Services Department. This document could not have been accomplished without their efforts and each contributor deserves sincere appreciation. I would also like to express appreciation to staff members of other departments who contributed to the preparation of this report.

Respectfully Submitted,

A handwritten signature in blue ink that reads "Joseph H. Parker". The signature is written in a cursive style with a large, stylized initial "J".

Joseph H. Parker, CPA  
Director, Department of Financial Services



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Government Finance Officers Association

Certificate of  
Achievement  
for Excellence  
in Financial  
Reporting

Presented to

**Placer County Water Agency  
California**

For its Comprehensive Annual  
Financial Report  
For the Fiscal Year Ended

December 31, 2019

*Christopher P. Morill*

Executive Director/CEO

# Placer County Water Agency

December 31, 2020



## Board of Directors

District 5, Chair	Josh Alpine
District 3, Vice Chair	Mike Lee
District 1	Gray Allen
District 2	Primo Santini
District 4	Robert Dugan

## Agency Officials

General Manager	Andrew Fecko
Agency Counsel	Scott Morris
Staff Counsel	Dan Kelly
Director of Administrative Services	Michael Willihnganz
Director of Financial Services	Joseph Parker
Director of Power Generation Services	Jay L'Estrange
Director of Customer Services	Matt Young
Director of Field Services	Daryl Hensler
Director of Strategic Affairs	Tony Firenzi
Director of Technical Services	R. Brent Smith
Director of Energy Marketing	Ryan Cline
Director of Resource Management	Darin Reintjes

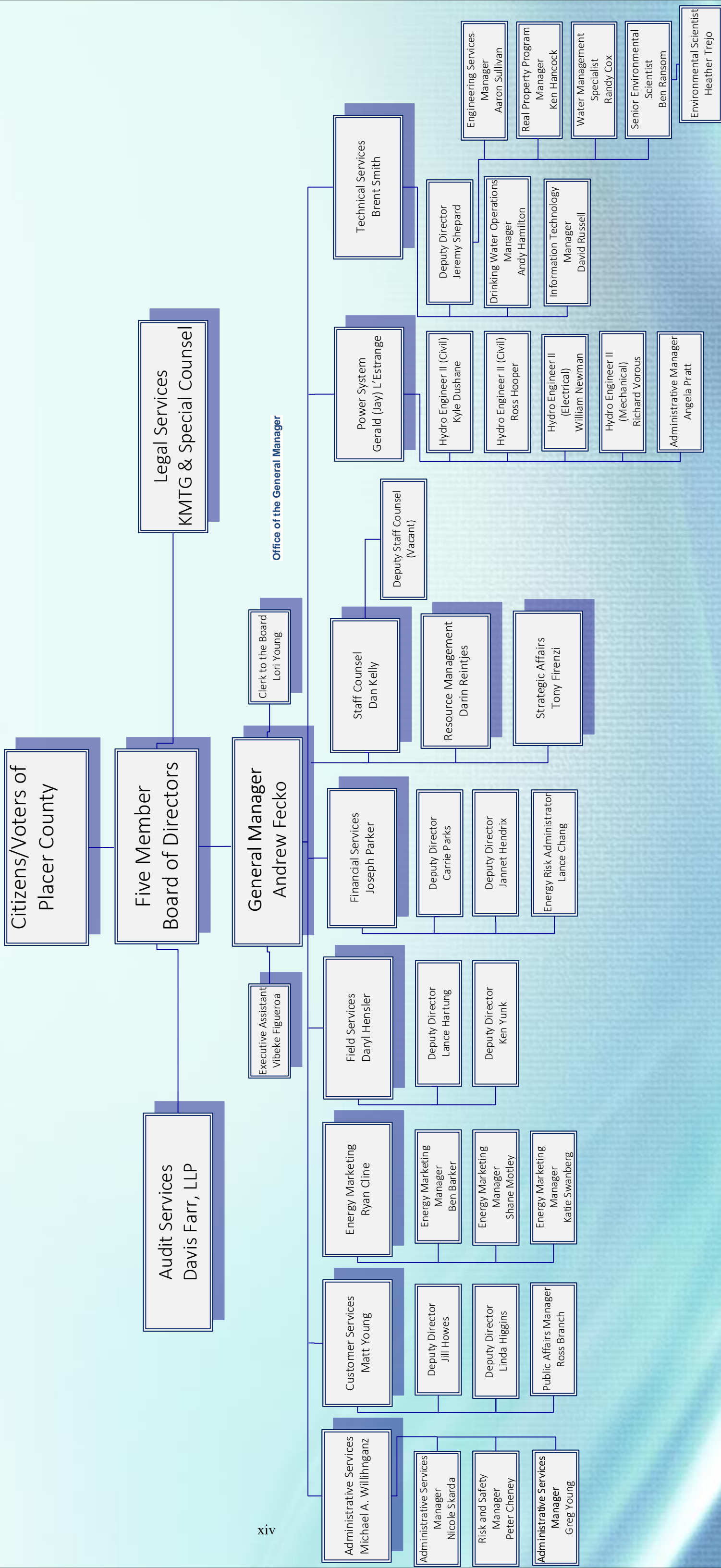
## Acknowledgements

Prepared by the Placer County Water Agency  
Department of Financial Services

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Deputy Director of Financial Services	Jannet Hendrix, CPA
Financial Analyst	Melissa Cope
Financial Analyst	John Coulter, CPA

*Special thanks and photo credits to Brie Anne Coleman*

# Placer County Water Agency Organizational Structure





An aerial photograph showing a large concrete dam with multiple spillways, situated in a lush, green forested area. A large reservoir is visible to the right of the dam. A winding road or path leads from the reservoir area towards the center of the image, where there are some buildings and a small clearing. The surrounding landscape is a mix of dense green trees and rocky, sparsely vegetated hillsides.

# Financial Section

**Ralston Afterbay and Dam**







Board of Directors  
Placer County Water Agency  
Auburn, California

## **Independent Auditor's Report**

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

We have audited the accompanying financial statements of the Placer County Water Agency (the "Agency"), as of and for the year ended December 31, 2020, and the related notes to the financial statements, which collectively comprise the Agency's basic financial statements as listed in the table of contents.

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

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

### ***Auditor's Responsibility***

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

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Agency'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 Agency's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

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

## **Opinion**

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of Placer County Water Agency, as of December 31, 2020, and the changes in financial position and cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

## **Other Matters**

### *Required Supplementary Information*

Accounting principles generally accepted in the United States of America require that the *management's discussion and analysis*, the *schedule of changes in net pension liability and related ratios*, the *schedule of pension plan contributions*, the *schedule of changes in net OPEB liability and related ratios*, and the *schedule of OPEB plan contributions* be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

### *Other Information*

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the Agency's basic financial statements. The *supplemental schedules*, the *introductory section* and the *statistical section* are presented for purposes of additional analysis and are not a required part of the basic financial statements. The *supplemental schedules* are the responsibility of management and were derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the *supplemental schedules* are fairly stated, in all material respects, in relation to the basic financial statements as a whole. The *introductory section* and the *statistical section* have not been subjected to the auditing procedures applied in the audit of the basic financial statements, and accordingly, we do not express an opinion or provide any assurance on them.

## **Other Reporting Required by Government Auditing Standards**

In accordance with *Government Auditing Standards*, we have also issued our report dated April 27, 2021 on our consideration of the Agency'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 on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering Agency's internal control over financial reporting and compliance.

A handwritten signature in blue ink that reads "Davis Fan" followed by a stylized flourish.

Irvine, California  
April 27, 2021



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## Management's Discussion and Analysis

This section presents management's analysis of the Placer County Water Agency's (the Agency) financial condition and activities as of and for the year ended December 31, 2020. Management's Discussion and Analysis (MD&A) is intended to serve as an introduction to the Agency's basic financial statements.

This information should be read in conjunction with the audited financial statements that follow this section. The Agency, as the primary governmental entity, includes, within the financial statements, the financial position and activities of the Placer County Water Agency Public Facilities Corporation (Corporation) as a component unit. The Corporation is a blended component unit and does not issue separate financial statements.

The information in this MD&A is presented under the following headings:

- Organization and Business
- Overview of the Basic Financial Statements
- Financial Analysis
- Capital Assets and Capital Improvement Plan
- Long-Term Debt
- Requests for Information

### **ORGANIZATION AND BUSINESS**

The Agency was created in 1957 under its own legislative act and since inception has been actively involved in Placer County's 1,500 square mile area on a variety of water and energy issues. The Agency provides treated and untreated water services, produces hydroelectric power and provides stewardship over water and energy in Placer County.

The Agency's general operations division titled "Agency Wide" holds extensive surface water entitlements for which water is sold wholesale to various water purveyors. Agency Wide interests and stewardship activities include water entitlements and energy resources throughout Placer County.

The Agency's Power Division was established with the construction of the Middle Fork American River Hydroelectric Project (MFP) that began in 1963 and was completed in 1967. This Project constructed an integrated system of five interconnected hydroelectric power plants, two major storage reservoirs (French Meadows and Hell Hole), dams and tunnels with the capability of producing on average 1.03 million megawatt hours annually. The electricity generated is metered by the CAISO and shadow settled, or validated, by the Agency. Power generation is sold directly to the CAISO and energy products are sold through bilateral contracts.

The Agency's Water Division was established in 1968 with the acquisition of our first water system. The Agency operates an integrated treated and untreated (raw) water system that directly and indirectly serves

over 300,000 people. Through over 160 miles of canals, ditches, and flumes, as well as several small reservoirs, most of which was built in the gold rush era, the Agency serves untreated water customers and transmits water for treatment. The Agency owns and operates 8 water treatment plants, 24 water tanks and over 600 miles of treated water pipelines. Treated water is supplied to residential, commercial, industrial, and other governmental users in the cities and surrounding areas of Auburn, Colfax, Loomis, Rocklin, portions of Roseville and various unincorporated areas of Placer County. Agency treated water is also sold wholesale to the City of Lincoln and other purveyors who retail it directly to their customers. In addition, the Agency utilizes groundwater to occasionally supplement surface water supplies when needed in Western Placer County.

## **OVERVIEW OF THE BASIC FINANCIAL STATEMENTS**

The Agency's Basic Financial Statements are designed to provide readers with a broad overview of the finances of the Placer County Water Agency. There are three components to the Basic Financial Statements: (1) Financial Statements, (2) Notes to the Basic Financial Statements, and (3) Required Supplementary Information.

### ***Fund Financial Statements***

A fund is a grouping of related accounts that is used to maintain control over resources that have been segregated for specific activities or objectives. The Agency, like other special purpose governments, uses fund accounting to ensure and demonstrate compliance with financial related legal requirements.

### ***Proprietary Fund***

The Agency's proprietary (enterprise) fund consists of 3 divisions, Agency Wide, the Water Division and the Power Division. Proprietary funds are used to account for operations that are financed and operated in a similar manner to private business enterprises – where the intent of the governing body is that the costs (including depreciation) of providing goods and services to the general public on a continuing basis be financed or recovered primarily through user charges. The Agency's proprietary fund statements include the following:

The *Statement of Net Position (Balance Sheet)* presents information on the Agency's assets plus deferred outflow of resources, and liabilities plus deferred inflow of resources, with the difference reported as *net position*. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position of the Agency is improving or deteriorating.

While the balance sheet provides information about the nature and amount of resources and obligations at year-end, the *Statement of Revenues, Expenses and Changes in Net Position* presents the results of the Agency's operations over the course of the fiscal year ending December 31st and information as to how the *net position* changed during the year. This statement can be used as an indicator to determine the Agency's credit worthiness and the extent to which the Agency has successfully recovered its costs through user fees and other charges. All changes in net position are reported during the period in which the underlying event giving rise to the change occurs, regardless of the timing of the related cash flows. Thus, revenue and

expense are reported in this statement for some items that will result in cash flow in future fiscal periods, such as delayed collection of operating revenue and the expense of employee earned but unused vacation leave.

The *Statement of Cash Flows* presents changes in cash and cash equivalents resulting from operational, capital, noncapital and investing activities. This statement summarizes the annual flow of cash receipts and cash payments, without consideration of the timing of the event giving rise to the obligation or receipt and excludes noncash accounting measures of depreciation and amortization of assets. It also provides answers to such questions as where did cash come from, what was cash used for, and what was the change in cash balance during the reporting period.

### ***Notes to Basic Financial Statements***

The Notes provide additional information that is essential for a full understanding of the data provided in the basic financial statements. The Notes to Basic Financial Statements can be found on pages 23 through 60 of this report.

**Other Information:** In addition to the basic financial statements and accompanying notes, this report also presents certain required supplementary information and other supplementary information. Such required supplementary information regarding the Agency's funding of its obligation to provide pension benefits to its employees can be found on pages 62-64 of this report. The Agency's supplementary information can be found on pages 62 through 68 of this report.

## **FINANCIAL ANALYSIS**

Our financial analysis introduces the accompanying financial statements. One of the most important questions to ask is the following: "Is the Agency, as a whole, better off as a result of the year's activities?" The statement of net position and the statement of revenues, expenses and changes in net position present financial information regarding the Agency's activities in a manner to answer that question. These two statements report the Agency's net position and the changes resulting from the year's activity. You can think of the Agency's net position, the difference between assets and liabilities, as one way to measure financial health or financial position. Over time, increases or decreases in the Agency's net position is one indicator of whether its financial health is improving or deteriorating. However, other considerations, both financial and non-financial factors such as changes in economic conditions, population growth, zoning, new or changed government legislation and others should also be evaluated.

During 2020, the Agency's financial position remained strong. The significant financial events are illustrated in the financial analysis below.

### ***FINANCIAL HIGHLIGHTS FOR 2020***

- Net Position increased \$40.7 million or 6.0% during the fiscal year.
- At year-end, the Agency's assets and deferred outflows of resources exceeded its liabilities and deferred inflows of resources by \$763.8 million.

- Total operating revenue increased by \$8.8 million; however non-operating revenue increased \$13.3 million.
- Capital contributions increased \$1.8 million or 34%.

### ***Financial Position***

The Agency's total net position increased by \$40.7 million to \$763.8 million (*see Table 1*), which is a result of assets and deferred outflow of resources increasing by \$41.4 million and liabilities and deferred inflow of resources increasing by \$685,197. The Water Division's net position increased by \$18.3 million or 3.6%, the Power Division's net position increased by \$8.7 million or 4.8%, and the Agency Wide Division increased \$13.7 million or 34.4%. The largest portion of the Agency's net position, \$615.4 million or 81%, represents its investments in capital assets and infrastructure.

Key components of the \$40.7 million increase in net position are as follows:

- Total assets increased \$41.7 million with cash and investment balances increasing.
- Capital assets increased a net \$22.1 million from capitalized construction, most notably \$15.2 million from the Communications Upgrade project and \$12.9 million from the Hell Hole Dam Core Raise project and capital contributions.
- Deferred outflow of resources decreased \$307,746 reflecting pension and OPEB contributions made subsequent to the measurement date, net differences between projected and actual earnings on pension plan investments, changes in assumptions on net OPEB liability as well as deferred charges on refunding of debt.
- Total liabilities increased \$2.1 million, current liabilities increased \$3.7 million mostly in accounts payable and non-current liabilities decreased \$1.7 million, primarily due to debt service of \$5.1 million to decrease long-term debt and a \$3.5 million increase in the net pension liability.



**Table 1**  
**Net Position**  
**(In thousands)**

	<u>2020</u>	<u>2019</u>	<u>Variance</u>	<u>%</u>
Current Assets	\$ 134,894	110,917	23,977	22%
Non-Current Assets	86,590	90,990	(4,400)	-5%
Capital Assets	<u>677,290</u>	<u>655,149</u>	<u>22,141</u>	3%
Total Assets	<u>898,774</u>	<u>857,056</u>	<u>41,718</u>	5%
Deferred Outflow of Resources	12,515	12,822	(307)	-2%
Current Liabilities	22,724	18,963	3,761	20%
Non-Current Liabilities	<u>123,359</u>	<u>125,039</u>	<u>(1,680)</u>	-1%
Total Liabilities	<u>146,083</u>	<u>144,002</u>	<u>2,081</u>	1%
Deferred Inflow of Resources	1,362	2,757	(1,395)	-51%
<b>NET POSITION:</b>				
Net Investment in Capital Assets	615,367	588,608	26,759	5%
Restricted	54,489	58,062	(3,573)	-6%
Unrestricted	<u>93,988</u>	<u>76,449</u>	<u>17,539</u>	23%
Total Net Position	<u>\$ 763,844</u>	<u>723,119</u>	<u>40,725</u>	<u>6%</u>

### ***Results of Operations***

The Agency's 2020 total operating revenue of \$98.4 million increased \$8.8 million when compared to the 2019 amount (*see Table 2 on the following page*). The total operating expense increased \$3.6 million resulting in a increase to net operating income of \$5.2 million. Overall, the Agency's change in net position for the year, including capital contributions, increased by \$20.4 million compared to the 2019 net position. The major components of this increase are as follows:

- Operating revenue at the fund level changed as follows: Agency Wide decreased \$426,151, Power Division increased \$4.8 million and Water Division increased \$4.4 million.
- Power Division revenues reflect Middle Fork Project Finance Authority reimbursements of the Agency's operating and capital expenses related to operations of the Middle Fork Project. The increase in power sales revenues reflects increased reimbursements from the Middle Fork Project Finance Authority due to increased Capital Project expenses during 2020. The increase in Water Division revenue is due to the 2020 adopted rate increase of 2.9% and warm dry weather through the end of the year. Water sales and renewal and replacement revenue increased a combined \$4.2 million or 7.7%.

- Operating expense increased by \$3.6 million or 4% to \$93.1 million. Operating expense at the fund level changed from prior year as follows: Agency Wide increased \$750,866, Power Division increased \$1.0 million and Water Division increased \$1.7 million. In the Water Division, Purchased water increased \$778,603 due to increased water demands and depreciation increased \$1.2 million overall.
- Non-operating revenues (expenses) increased by \$13.3 to \$28.3 million, which is a net change of the following: a \$1.0 million increase in Water Connection Charge revenue which fluctuates with building demand; a \$6.2 million increase from distributions of 2019 Net Revenue from the Middle Fork Project Finance Authority and a \$6.7 million increase from out of county water sales which occur infrequently and during dry years. Included in the non-operating revenue is \$5.0 million of investment income from interest income of \$3.5 million and a \$1.5 million net increase in fair market value of investments.
- Contributed capital, consisting of water system infrastructure contributed to the Agency upon project completion, totaled \$7.1 million, which was comprised of various developer's agreement contributions.

Table 2 shows changes in the Agency's net position for the year.

**Table 2**  
**Changes in Net Position**  
**(In thousands)**

	<u>2020</u>	<u>2019</u>	<u>Variance</u>	<u>%</u>
<b>OPERATING REVENUES:</b>				
Agency Wide	\$ 1,000	1,426	(426)	-30%
Power Division	38,193	33,365	4,828	14%
Water Division	59,243	54,840	4,403	8%
Total Operating Revenues	<u>98,436</u>	<u>89,631</u>	<u>8,805</u>	<u>10%</u>
<b>OPERATING EXPENSES:</b>				
Purchased Water	4,771	3,992	779	20%
Operations Administration	4,251	4,837	(586)	-12%
Pumping Plant and Wells	910	518	392	76%
Water Treatment	9,051	8,665	386	4%
Electrical Operations	9,705	9,242	463	5%
Transmission and Distribution of Treated Water	3,661	3,601	60	2%
Transmission and Distribution of Raw Water	4,537	4,318	219	5%
Customer Service and Collections	4,661	4,759	(98)	-2%
Recreation	2,338	2,296	42	2%
Automotive and Equipment	1,005	1,085	(80)	-7%
Engineering	7,100	6,368	732	11%
General and Administrative	14,142	14,146	(4)	0%
Energy Marketing	1,535	1,521	14	1%
Depreciation	25,454	24,209	1,245	5%
Total Operating Expenses	<u>93,121</u>	<u>89,557</u>	<u>3,564</u>	<u>4%</u>
Net Operating Income	<u>5,315</u>	<u>74</u>	<u>5,241</u>	<u>7082%</u>
<b>NON-OPERATING REVENUES (EXPENSES):</b>				
Water Connection Charges	8,730	7,690	1,040	14%
Out of County Water Sale	6,650	-	6,650	100%
MFPFA Net Revenue Distribution	6,190	-	6,190	100%
Costs Recovered from Other Agencies	1,310	829	481	58%
Investment Income	5,009	6,170	(1,161)	-19%
Interest Expense	(2,004)	(2,144)	140	-7%
Other	2,388	2,451	(63)	-3%
Total Non-Operating Revenues (Expenses)	<u>28,273</u>	<u>14,996</u>	<u>13,277</u>	<u>89%</u>
Income Before Capital Contributions	33,588	15,070	18,518	123%
Capital Contributions	<u>7,137</u>	<u>5,321</u>	<u>1,816</u>	<u>34%</u>
Change in Net Position	40,725	20,391	20,334	100%
Net Position, Beginning of Year	<u>723,119</u>	<u>702,728</u>	<u>20,391</u>	<u>3%</u>
Net Position, End of Year	<u>\$ 763,844</u>	<u>723,119</u>	<u>40,725</u>	<u>6%</u>

## CAPITAL ASSETS AND CAPITAL IMPROVEMENT PLAN

At the end of 2020, the Agency had invested \$677.3 million (net of accumulated depreciation) in a broad range of infrastructure including; power facilities; water storage, transmission and distribution facilities; maintenance and administration facilities; vehicles; and equipment. The MFP FERC License, which was previously included in Other-Non Depreciating, is moved to depreciating assets with the issuance of the FERC license in June 2020. The total increase in the Agency's investment in capital assets for 2020 was \$22.1 million. The summary of capital assets is presented in note 3 to the basic financial statements. Table 3 provides a summary of capital assets for years-ended 2020 and 2019 as follows:

**Table 3**  
**Capital Assets**  
**(In thousands)**

	<u>2020</u>	<u>2019</u>	<u>Increase/ (Decrease)</u>	<u>%</u>
Land	\$ 17,320	17,319	1	0%
Other - Non Depreciating	6,678	38,503	(31,825)	-83%
Construction in Progress	45,079	52,150	(7,071)	-14%
MFP FERC License	37,369	-	37,369	100%
Systems & Improvements	830,068	802,071	27,997	3%
Buildings & Improvements	68,142	65,867	2,275	3%
Machinery & Equipment	81,561	66,235	15,326	23%
Subtotal	<u>1,086,217</u>	<u>1,042,145</u>	<u>44,072</u>	<u>4%</u>
Less Accumulated Depreciation	<u>408,927</u>	<u>386,996</u>	<u>21,931</u>	<u>6%</u>
Total Capital Assets	<u>\$ 677,290</u>	<u>655,149</u>	<u>22,141</u>	<u>3%</u>

This year's major capital expenditures included (in thousands):

**Agency Wide**

American River Water Rights Extension	\$ 711
IT Building and Office Improvements	618

**Power**

Hell Hole Dam Core Raise	6,865
LL Anderson Outlet Works	2,249
Communications Upgrade	1,657
Middle Fork Penstock Coupling	1,210

**Water**

Foothill Raw Water Pipeline	12,563
Ophir WTP Pipe Phase 1	2,510
Bowman WTP Upgrades Phase 2	2,053
Ophir WTP Wetlands Clearance	2,052

**Total**

\$ 32,488

The Agency's 2020 Budget includes a Capital Improvement Plan (CIP) budget totaling \$37.8 million, which is presented below by fund.

**Capital Improvement Plan Budget (In thousands)**

Agency Wide	\$ 1,705
Power Division	13,273
Water Division	22,870
<b>Total</b>	<u>\$ 37,848</u>

**LONG-TERM DEBT**

At December 31, 2020, the Agency had total long-term debt outstanding of \$61.2 million excluding the \$6.8 million in compensated absences payable. The outstanding amount decreased \$4.1 million during the year because of the following:

- The net retirement of \$2.8 million of Certificates of Participation.
- The retirement of \$1.3 million in loans payable.

More detailed information about the Agency's long-term debt is presented in note 4 to the basic financial statements. In 2016, the Agency's Water Division received an upgrade by Standard & Poor's to an 'AAA' rating and maintained an Aa2 rating from Moody's Investors Service. These ratings were re-affirmed by both firms in 2018.



The debt coverage ratio demonstrates the Agency’s Western Water System financial strength and future borrowing capability which is calculated at 4.69 times annual debt service for the Western Water System at December 31, 2020. Table 4 presents the Western Water System’s debt coverage ratio and exhibits both 2020 and 2019 ratios being greater than the 1.20 times debt indenture covenant requirement.

**Table 4**  
**Debt Coverage Ratio - Western Water System**  
**(In thousands)**

	<u>2020</u>	<u>2019</u>
Net Water Revenue, Excluding Depreciation	\$ 31,339	\$ 28,003
Debt Service on Certificates and Other Parity Debt	6,684	6,712
Debt Coverage Ratio	4.69	4.17
Debt Coverage Ratio Requirement Based on Debenture	1.20	1.20

At December 31, 2020 the Agency had outstanding Certificates of Participation stemming from water system expansion projects (water connection charge projects) and replacement program projects, with varying maturities through 2037. The Agency’s current weighted average cost of capital is 3.0% in outstanding debt as shown in the following table:

**Table 5**  
**Cost of Capital**  
**(In thousands)**

	<u>Debt Balance</u>			<u>Average Coupon Rate</u>	<u>Cost of Capital</u>
	<u>Expansion</u>	<u>Replacement</u>	<u>Total</u>		
Certificates of Participation	\$ 33,412	12,913	46,325	4.2%	3.2%
Loans Payable	-	15,621	15,621	2.3%	2.3%
Total	\$ 33,412	28,534	61,946	3.7%	3.0%

## REQUESTS FOR INFORMATION

This financial report is designed to provide the Board of Directors, ratepayers and creditors with a general overview of the Agency’s finances and demonstrate the Agency’s accountability for the monies it receives and holds. If you have questions about this report or need additional financial information, please contact: the Director of the Department of Financial Services, 144 Ferguson Road, Auburn, California, 95604. The report can also be found on the Agency’s website at [www.pcwa.net](http://www.pcwa.net).

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PLACER COUNTY WATER AGENCY

Statement of Net Position

December 31, 2020

ASSETS

Current assets:

Cash and investments (note 2)	\$ 115,750,470
Water service receivable, net	7,490,149
Accounts receivable	6,655,637
Interest receivable	768,134
Taxes receivable	1,101,629
Materials and supplies	927,167
Prepaid expenses	<u>2,200,741</u>
Total current assets	<u>134,893,927</u>

Non-current assets:

Investments (note 2)	29,285,846
Restricted investments (note 2)	57,243,283
Notes receivable	61,168
Capital assets, non depreciable (note 3)	69,077,779
Capital assets, net of depreciation (note 3)	<u>608,212,508</u>
Total non-current assets	<u>763,880,584</u>
Total assets	<u>898,774,511</u>

DEFERRED OUTFLOWS OF RESOURCES

Deferred outflow - pension contributions (note 7)	4,941,999
Deferred outflow - pension actuarial (note 7)	3,803,391
Deferred outflow - OPEB contributions (note 8)	718,434
Deferred outflow - OPEB actuarial (note 8)	1,101,278
Deferred charges on refunding	<u>1,949,483</u>
Total deferred outflows	<u>12,514,585</u>

(Continued)

See accompanying notes to financial statements.

PLACER COUNTY WATER AGENCY

Statement of Net Position

December 31, 2020

LIABILITIES AND NET POSITION

Current liabilities:

Accounts payable	9,715,165
Accrued salaries and benefits	1,838,692
Interest payable	1,064,851
Deposits	1,281,853
Current portion of long-term liabilities (note 4)	4,350,511
Compensated absences payable, current portion (note 4)	4,473,172
	<hr/>
Total current liabilities	22,724,244

Non-current liabilities:

Certificates of participation, net of premiums/discounts (note 4)	48,046,002
Loans payable (note 4)	14,230,567
Improvement district debt (note 4)	2,329
Compensated absences payable (note 4)	2,373,375
Net pension liability (note 7)	49,040,303
Net OPEB liability (note 8)	9,666,129
	<hr/>
Total non-current liabilities	123,358,705

Total liabilities

146,082,949

DEFERRED INFLOWS OF RESOURCES

Deferred inflows - pension actuarial (note 7)	391,020
Deferred inflows - OPEB actuarial (note 8)	971,287
	<hr/>
Total deferred inflows	1,362,307

NET POSITION

Net investment in capital assets	615,367,489
Restricted (note 5):	
Water system expansion	53,651,715
Other	836,769
	<hr/>
Total restricted net position	54,488,484
Unrestricted	93,987,867
	<hr/>
Total net position	\$ 763,843,840

See accompanying notes to financial statements.

PLACER COUNTY WATER AGENCY  
Statement of Revenues, Expenses and Changes in Net Position  
For the year ended December 31, 2020

OPERATING REVENUES	
Water sales	\$ 43,850,608
Power sales	38,288,905
Renewal and replacement charges	14,756,926
Engineer charges	804,100
Customer service charges	686,222
Other revenue	<u>48,993</u>
Total operating revenues	<u>98,435,754</u>
OPERATING EXPENSES	
Purchased water	4,770,465
Operations administration	4,250,989
Pumping plants and wells	909,644
Water treatment	9,051,455
Electrical operations	9,704,611
Transmission and distribution of treated water	3,661,219
Transmission and distribution of untreated water	4,536,722
Customer service and collections	4,660,981
Recreation	2,338,479
Automotive and equipment	1,005,429
Engineering	7,100,020
General and administrative	14,142,466
Energy marketing	1,534,511
Depreciation (note 3)	<u>25,454,211</u>
Total operating expenses	<u>93,121,202</u>
Operating income (loss)	<u>5,314,552</u>

(Continued)

See accompanying notes to financial statements.

PLACER COUNTY WATER AGENCY  
Statement of Revenues, Expenses and Changes in Net Position  
For the year ended December 31, 2020

NON-OPERATING REVENUES (EXPENSES)	
Water connection charges	8,730,256
MFPFA net revenue distribution	6,189,526
Out of county water sales	6,650,000
Costs recovered from other agencies	938,960
Investment income	5,008,796
Property taxes and assessments	1,124,528
Gain (loss) on disposal of assets	235,555
Program grant revenue	515,400
Interest expense	(2,004,360)
Rental income	1,023,377
Other income (expense)	<u>(138,550)</u>
Total non-operating revenues (expenses)	<u>28,273,488</u>
Net income before capital contributions	<u>33,588,040</u>
CAPITAL CONTRIBUTIONS	
Capital contributions	<u>7,136,700</u>
Increase in net position	40,724,740
Net position, beginning of year	<u>723,119,100</u>
Net position, end of year	<u><u>\$ 763,843,840</u></u>

See accompanying notes to financial statements.



PLACER COUNTY WATER AGENCY  
Statement of Cash Flows  
For the year ended December 31, 2020

CASH FLOWS FROM OPERATING ACTIVITIES

Cash received from customers	\$ 95,662,660
Cash paid to suppliers for goods and services	(23,674,271)
Cash paid to employees for services	(37,032,395)
	34,955,994

CASH FLOWS FROM NON-CAPITAL FINANCING ACTIVITIES

Property taxes and assessments	1,124,528
MFPFA net revenue distribution	6,189,526
Costs recovered from other agencies	938,960
Out of county water sales	6,650,000
Program grant revenue	515,400
	15,418,414

CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES

Acquisition and construction of capital assets	(40,458,214)
Proceeds from disposal of capital assets	235,555
Principal payment on debt	(4,159,138)
Interest payment on debt	(2,555,045)
Water connection charges	8,728,239
	(38,208,603)

CASH FLOWS FROM INVESTING ACTIVITIES

Purchases of investments	(23,372,957)
Proceeds from maturity of investments	34,200,000
Investment income	3,690,363
	14,517,406

Net increase (decrease) in cash and cash equivalents	26,683,211
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Cash and cash equivalents, beginning of year	62,708,428
--	------------

Cash and cash equivalents, end of year	\$ 89,391,639
--	---------------

(Continued)

See accompanying notes to financial statements.

PLACER COUNTY WATER AGENCY  
Statement of Cash Flows  
For the year ended December 31, 2020

Reconciliation of operating income (loss) to net cash provided by  
(used for) operating activities:

Operating income (loss)	\$	5,314,552
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Adjustments to reconcile operating income (loss) to cash flows  
provided by (used for) operating activities:

Depreciation		25,454,211
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Other non-operating income		884,827
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Change in assets and liabilities:

(Increase) decrease in accounts receivable		(2,625,297)
--	--	-------------

(Increase) decrease in materials and supplies		(13,743)
---	--	----------

(Increase) decrease in prepaid expense		238,678
--	--	---------

(Increase) decrease in pension and OPEB deferred outflows		20,405
---	--	--------

Increase (decrease) in accounts payable and other liabilities		2,959,124
---	--	-----------

Increase (decrease) in salaries and benefits payable		914,120
--	--	---------

Increase (decrease) in deposits		(147,520)
---------------------------------	--	-----------

Increase (decrease) in net pension liability		3,577,707
--	--	-----------

Increase (decrease) in net OPEB liability		(225,729)
---	--	-----------

Increase (decrease) in pension and OPEB deferred inflows		(1,395,339)
--	--	-------------

Net cash provided by (used for) operating activities	\$	<u>34,955,996</u>
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Reconciliation to Statement of Net Position:

Cash and investments (current)	\$	115,750,470
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Investments (non-current)		29,285,846
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Restricted cash and investments (non-current)		57,243,283
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Less long-term investments		<u>(112,887,960)</u>
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Total cash and cash equivalents	\$	<u>89,391,639</u>
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Non-cash investing, capital and financing activities:

Non-cash capital contributions	\$	7,136,700
--------------------------------	----	-----------

Change in fair value of investments		1,523,546
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See accompanying notes to financial statements.

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## 1. Summary of Significant Accounting Policies

### A. Description of the Primary Government and Reporting Entity

The Placer County Water Agency (the Agency) was formed by a special act of the California State Legislature in 1957 for the purpose of developing adequate water supplies for the County of Placer (the County). The Agency's boundaries are coterminous with the borders of the County, and until January 16, 1975, the Board of Supervisors of Placer County constituted the Board of Directors of the Agency. On July 1, 1975, Placer County Water Agency was designated as successor to Placer County Water Works No. 1 and assumed all of its assets and obligations. The Agency is legally separate and fiscally independent of the County; hence, is not a component unit of the County. The Agency owns water rights on the Middle Fork of the American River, which are used for the generation of electricity through its hydroelectric facilities, and to supply water to Placer County. The Agency provides water treatment and the distribution of both untreated and treated water to customers in Placer County. Through the Joint Powers Agreement with the Middle Fork Project Finance Authority (the Authority), the Agency's generated power is sold directly to the California Independent System Operator (CAISO), while energy products are sold through bilateral contracts.

The Agency's financial statements present the Agency and its one component unit, the Placer County Water Agency Public Facilities Corporation.

### B. Description of the Component Unit

The Agency has one component unit, the Placer County Water Agency Public Facilities Corporation (the Corporation), which is considered a blended component unit as it meets the criteria to be classified as a blended component unit.

Reporting for a component unit on the Agency's financial statements can be blended or discretely presented. A blended component unit, although a legally separate entity, is in substance, part of the Agency's obligations. A blended component unit is an extension of the Agency and so data from this unit is combined with data of the Agency. A discretely presented component unit, on the other hand, is reported in a separate column in the financial statements to emphasize it is legally separate from the Agency.

The Agency's Board of Directors serves as the Corporation's Board of Directors. The purpose of the Corporation is to provide financial assistance to the Agency by financing the acquisition, construction, improvement, and remodeling of capital projects and facilities. Debt financed by the Corporation is reflected as debt of the Agency. The Corporation does not issue separate financial statements.

### C. Basis of Presentation

The accounts of the Agency are organized and operated on a fund basis. The operations of each fund are accounted for with a separate set of self-balancing accounts that comprise its assets, deferred outflows of resources, liabilities, deferred inflows of resources, net position, revenues and expenses.

All activities of the Agency are accounted for within proprietary (enterprise) funds. Proprietary funds are used to account for operations that are (a) financed and operated in a manner similar to private business enterprises where the intent of the governing body is that the costs (expenses, including depreciation) of providing goods or services to the general public on a continuing basis be financed or

recovered primarily through user charges; or (b) where the governing body has decided that periodic determination of revenues earned, expenses incurred, and/or net income is appropriate for capital maintenance, public policy, management control, accountability, or other purposes.

#### ***D. Basis of Accounting***

Proprietary funds are accounted for on a flow of economic resources measurement focus, using the accrual basis of accounting. Under this method, all assets, and deferred outflows of resources; and liabilities and deferred inflows of resources associated with operations are included on the statement of net position, and revenues are recorded when earned and expenses are recorded at the time the liabilities are incurred.

Proprietary funds distinguish operating revenues and expenses from non-operating items. Operating revenues and expenses generally result from providing services and producing and delivering goods in connection with a proprietary fund's principal ongoing operation. The principal operating revenues of the Agency are charges to customers for sales and services. The Agency's operating revenues, such as charges for services or energy sales result from exchange transactions associated with the principal activities of the Agency. Operating expenses for enterprise funds include the cost of sales and services, administrative expenses, and depreciation on assets. All revenues and expenses not meeting this definition are reported as non-operating revenues and expenses.

***Statement of Net Position*** – The statement of net position is designed to display the financial position of the Agency. The Agency's net position is segregated into three categories defined as follows:

- ***Net Investment in Capital Assets*** – This component of net position consists of capital assets, including restricted capital assets, net of accumulated depreciation and deferred outflows of resources; reduced by the outstanding balances of debt and deferred inflows of resources that are attributable to the acquisition, construction or improvement of these assets. This investment in capital assets is considered non-expendable.
- ***Restricted Net Position*** – This component of net position consists of constraints placed on net position use through external constraints imposed by creditors (such as through debt covenants), grantors, contributors or laws or regulations of other governments. It also pertains to constraints imposed by law or constitutional provisions or enabling legislation.
- ***Unrestricted Net Position*** – This component of net position consists of net position that does not meet the definition of “restricted” or “net investment in capital assets”. Amounts included as unrestricted net position are available for designation for specific purposes as established by the Agency's Board of Directors.

***Statement of Revenues, Expenses and Changes in Net Position*** – The statement of revenues, expenses and changes in net position is the operating statement for proprietary funds. Revenues are reported by major source. These statements distinguish between operating and non-operating revenues and expenses and present a separate subtotal for operating revenues, operating expenses, and non-operating revenues (expenses).



### ***E. Cash and Investments***

For purposes of the statement of cash flows, the Agency considers all highly liquid investments (including restricted assets) with original maturities of three months or less at the date of purchase to be cash equivalents.

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

### ***F. Water Service Receivable***

Water service receivables are presented net of \$276,010 in allowance for doubtful accounts as of December 31, 2020. Customer water meters are read on a monthly or bimonthly period. Revenue is recognized in the period that the water is used.

### ***G. Materials and Supplies***

Materials and supplies consist of water meters, pipe, valves and other items for system maintenance and are valued at cost, which approximates market, using the weighted average cost method.

### ***H. Capital Assets***

The Agency's capital assets purchased or constructed are capitalized at historical cost, while contributed assets are recorded at acquisition value at the time received for assets with an individual cost of more than \$10,000 and a useful life of one year or greater.

The purpose of depreciation is to spread the cost of capital assets over the life of the assets. The amount charged to depreciation expense each year represents that year's pro rata share of depreciable capital assets.

Depreciation of all capital assets in service, excluding land, is charged as an expense against operations each year and the total amount of depreciation taken over the years, called accumulated depreciation, is a reduction in the book value of the capital assets.

Capital assets are depreciated using the straight-line method of depreciation over the useful life of the asset. The Agency has assigned the useful lives listed below to capital assets:

Dams, tunnels and waterways	40-100 years
Reservoirs	40 years
Treatment and pumping plants, transmission and distribution	40 years
Heavy equipment	10 years
Vehicles, tools, shop and office equipment and furniture	5 years

**I. *Compensated Absences***

Compensated absences comprise unused vacation leave, sick pay and certain compensated time off, which are accrued and reported as a liability in the period earned. Amounts payable as of December 31, 2020 are included on the statement of net position.

**J. *Property Tax Revenue***

Property tax in California is levied in accordance with Article XIII A of the State Constitution. The property taxes are placed in a pool, and then allocated to the local governments. Property tax revenue is recognized in the year in which taxes are levied.

The property tax calendar is as follows:

Lien date:	January 1
Levy date:	July 1
Due date:	First installment – November 1 Second installment – February 1
Delinquent date:	First installment – December 11 Second installment – April 11

The Agency's property taxes are billed, collected and distributed to the Agency by the County. Starting with the 1993-94 tax year, the County implemented the Teeter Plan. As such, the Agency receives 100 percent of the secured property tax levied to which it is entitled, whether or not collected. The Agency accrues property tax revenues in the year levied and the County pays the property taxes to the Agency at the following proportions and months: 55% in December, 40% in April and 5% in June.

For the year ending December 31, 2020, the Agency's property tax revenue totaled \$1,117,624 which is included in the Agency Wide Division.

**K. *Water Connection Charge***

Water Connection Charges (WCC) are charged for service connection to the treated water system and are recorded as revenue when received. WCC revenues are restricted by California Government Code for expansion to the existing water system and are committed for payments on the certificates of participation.

**L. *Water Sales and Water Zones***

The Agency has two types of water sales: 1) On-going retail and wholesale water sales of treated and untreated water to customers connected to the Agency's water system infrastructure; 2) Individual contracted one-time water sales to other water providers or the environmental water bank. The on-going water sales are recorded as operating revenue and the one-time water sales are recorded as non-operating revenue.

The Agency's Water Division was established with zones or service areas as the Agency acquired the territory. Zone 1 was established in 1968 and includes the area from just north of Auburn to Roseville. Zone 2 was established in 1979 and is a small area, about 100 acres, south of Roseville. Zone 3 was established in 1982 and includes the area from Alta to Bowman (just north of Auburn). Zone 4 was

established in the Martis Valley in 1996 and was transferred to Northstar Community Services District on October 1, 2015. Zone 5, established in 1998, includes the agricultural area in western Placer County.

On August 17, 2017, the Agency's Board of Directors adopted by Resolution, Zone 6, formally consolidating the Western Water System Zones 1, 2, 3, and 5. The water sources and infrastructure in each of these zones are inextricably tied to one another. The Agency's two principal water sources, its PG&E contracts and its Middle Fork Project (MFP) water rights, are fully integrated into the reliability of water delivery for all of the Agency's customers. The canal system, which stretches from Alta to Roseville, supplies water to Zones 1, 3 & 5, and is absolutely essential during periods when the PG&E system is out of service; the MFP supply flows directly to Zones 1, 2 & 5 but can also be used to back water supply into Zone 3; and the Zone 2 groundwater system was abandoned years ago and replaced with treated surface water from Zone 1.

On November 16, 2017 the Board of Directors adopted uniform rates, fees and charges throughout the Agency's service area, consolidated some customer classifications, reduced the number of commodity tiers for many rate schedules, and provided allowance for an annual inflation adjustment based on the Consumer Price Index for years 2019-2022, upon annual Board consideration and approval.

#### ***M. Power Sales***

During 2020, the Agency sold power to the California Independent System Operator (CAISO), while energy products were sold through bilateral contracts. Pursuant to the Joint Powers Agreement with the Authority, revenue from sold power is received and recognized by the Authority, while the Agency receives reimbursement from the Authority for its costs related to the operations, maintenance, and capital improvements of the Middle Fork Project hydroelectric facilities. Reimbursements for Agency expenses are recorded as Power Sales Revenue. See Note 10 for more details on the Joint Powers Agreement.

On June 8, 2020 the Federal Energy Regulatory Commission issued a new a 40-year operating license for the Middle Fork American River Project (MFP). Under the new license, PCWA will implement higher streamflows to support environmental and recreational resources, and a variety of improvements to recreation facilities including campgrounds, day use areas, and boat ramps. In addition, numerous infrastructure improvements, designed to enhance project operations and environmental conditions, will begin construction.

#### ***N. Bond Discounts and Premiums***

Original issue discounts and premiums related to the 2013, 2016 and 2018 certificates of participation are amortized using the bonds outstanding method over the life of the debt.

#### ***O. Use of Estimates and Assumptions***

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

**P. Pension**

For purposes of measuring the net pension liability (NPL), deferred outflows and inflows of resources related to pensions, pension expense, information about the fiduciary net position and additions to/deductions from the fiduciary net position have been determined on the same basis as they are reported by the Agency. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

Statement No. 68 of the Governmental Accounting Standards Board (GASB 68) requires that the reported results must pertain to liability and asset information within certain defined timeframes. For this report, the following timeframes are used:

Valuation Date	June 30, 2019
Measurement Date	June 30, 2020
Measurement Period	July 1, 2019 to June 30, 2020

**Q. Other Post-employment Benefits**

For purposes of measuring the net OPEB liability (NOL), deferred outflows of resources and deferred inflows of resources related to OPEB, and OPEB expense, information about the fiduciary net position of the Agency’s plan (OPEB Plan) and additions to/deductions from the OPEB Plan’s fiduciary net position have been determined on the same basis. For this purpose, benefit payments are recognized when currently due and payable in accordance with the benefit terms. Investments are reported at fair value.

Statement No. 75 of the Governmental Accounting Standards Board (GASB 75) requires that the reported results must pertain to liability and asset information within certain defined timeframes. For this report, the following timeframes are used:

Valuation Date	June 30, 2019
Measurement Date	June 30, 2020
Measurement Period	July 1, 2019 to June 30, 2020

**R. Fair Value Measurements**

Certain assets and liabilities are required to be reported at fair value. Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants and the measurement date. The Agency categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The fair value hierarchy categorizes the inputs to valuation techniques used to measure fair value into three levels based on the extent to which inputs used in the measuring fair value are observable in the market and are described as follows:

- Level 1 inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities.
- Level 2 inputs which are observable for the asset or liability, either directly or indirectly.
- Level 3 inputs are unobservable inputs for an asset or liability.

The Agency utilizes techniques consistent with market, cost, or income approaches to determine fair value. The most appropriate technique is utilized to maximize the use of observable inputs and minimize the use of unobservable inputs.

**S. *Deferred Outflows and Deferred Inflows of Resources***

In addition to assets, the statement of net position and balance sheet will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, deferred outflows of resources, represents a consumption of net position or fund balance that applies to a future period(s) and so will not be recognized as an outflow of resources (expense) until that time.

In addition to liabilities, the statement of net position and balance sheet will sometimes report a separate section for deferred inflows of resources. This separate financial statement element, deferred inflows of resources, represents an acquisition of net position or fund balance that applies to a future period and so will not be recognized as an inflow of resources (revenue) until that time.

**T. *New Accounting Pronouncements***

GASB Statement No. 95 “Postponement of the Effective Dates of Certain Authoritative Guidance.” Issued to postpone the effective dates of GASB Statements and Implementation Guides scheduled to become effective for periods beginning after June 15, 2018, and later to provide temporary relief to governments and other stakeholders in light of the COVID-19 pandemic. The new effective dates for GASB pronouncements not previously implemented, as well as new pronouncements not postponed.

GASB Statement No. 83, “Certain Asset Retirement Obligations.” The requirements of this Statement will take effect for financial statements starting with the fiscal year that ends June 30, 2020.

GASB Statement No. 84 “Fiduciary Activities.” This Statement is effective for reporting periods with the fiscal year that end December 31, 2020. The Agency does not have any fiduciary activities to report for the year-ended December 31, 2020.

GASB Statement No. 87 “Leases.” The requirements of this Statement will take effect for financial statements starting with the fiscal year that ends June 30, 2022. The Agency is currently evaluating the effect of this Statement and has not implemented GASB Statement No. 87 for the year-ended December 31, 2020.

GASB Statement No. 88 “Certain Disclosures Related to Debt, including Direct Borrowings and Direct Placements.” The requirements of this Statement will take effect for financial statements starting with the fiscal year that ends June 30, 2020.

GASB Statement No. 90 “Majority Equity Interests.” In September 2018, the GASB issued Statement No. 90, an amendment of GASB Statements No. 14 and No. 61. The requirements of this Statement will take effect for financial statements starting with the fiscal year that ends December 31, 2020. The Agency does not have any majority equity interests to report for the year-ended December 31, 2020.

## 2. Cash and Investments

Cash and investments as of December 31, 2020 are classified in the accompanying financial statements as follows:

Statement of Net Position:

**Current Assets:**

Cash and Investments	\$ 115,750,470
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**Non-current Assets:**

Investments	29,285,846
-------------	------------

Restricted Investments	<u>57,243,283</u>
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<b>Total</b>	<u><u>\$ 202,279,599</u></u>
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Cash and investments as of December 31, 2020 consist of the following:

Cash on Hand	\$ 3,300
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Deposits with Financial Institutions	4,531,093
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Investments	<u>197,745,206</u>
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<b>Total</b>	<u><u>\$ 202,279,599</u></u>
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Cash and Investments Restricted

Cash and investments restricted for debt service, cash held at third party fiscal agent, and restricted for other purposes as of December 31, 2020 are as follows:

Agency Wide Division:

IRS Section 125 – Reserve for employees Section 125 account	\$ 18,537
Water Resource Development – Restricted for Water Resource Development Fund Activities	477,129
Total Agency Wide Restricted	<u>495,666</u>

Water Division:

Held with Fiscal Agent Restricted for Debt Service

2013 COP Debt Service	70,948
2016 COP Debt Service	426,873
2018 COP Debt Service	511,576
Auburn Water Treatment Plant Debt Service	1,302,645
Electric Street Tank Debt Service	442,757
Total Held with Fiscal Agent Restricted for Debt Service	<u>2,754,799</u>

Held at the Agency Restricted for Debt Service

Electric Street (SRF) Loan – Restricted for Debt Service	46,219
Improvement Districts – Restricted for Debt Service	64,354
Total Held at the Agency Restricted for Debt Service	<u>110,573</u>
Total Water Division Restricted for Debt Service	<u>2,865,372</u>

Held at the Agency Restricted Other by Law or Contract

Water Connection Charges – Restricted for Water System Expansion	36,078,588
Water Connection Charges – Funded to Capital Projects	17,573,127
City of Lincoln Pipeline – Restricted for City of Lincoln pipeline	174,730
County Service Area 29 – Restricted for Zone 5 improvements	52,093
Sunset Ranchos – Restricted for Regional Water Use Efficiency	3,707
Total Water Division Held at the Agency Restricted Other	<u>53,882,245</u>
Total Water Division Restricted	<u>56,747,617</u>
Total Restricted	<u>\$ 57,243,283</u>

## Agency Investments Authorized by the California Government Code and the Agency’s Investment Policy.

The California Government Code and the Agency’s Investment Policy allow the Agency to invest in the following authorized and permitted investment types provided the approved percentage and maturities limits are not exceeded.

Authorized Investment Type	Maximum Maturity	Maximum in Portfolio*	Maximum Investment in One Issuer
U.S. Treasury Securities	5 years	100%	No limit
U.S. Government Agencies and Instrumentalities - Primary	5 years	100%	50%
U.S. Government Agencies and Instrumentalities - Secondary	5 years	50%	30%
State of California Notes/Bonds	5 years	25%	10%
Other States Notes/Bonds	5 years	25%	10%
Local Agencies of the State of California Notes/Bonds	5 years	30%	10%
Commercial Paper	270 days	25%	5%
Corporate or Medium-Term Notes	5 years	30%	5%
Money Market Mutual Funds	N/A	20%	5%
Bonds of Supranationals	5 years	15%	5%
Negotiable Certificates of Deposit	1 year	20%	5%
Repurchase Agreements	1 year	15%	5%
Banker's Acceptances	180 days	25%	5%
Placer County Treasurer’s Pooled Investments (PCTPI)	N/A	100%	No limit
Local Agency Investments Fund (LAIF)	N/A	\$65 million	No limit
Collateralized Bank Deposits	5 years	100%	50%

\*Excluding amounts held by bond trustee that are restricted by debt agreement rather than California Government Code restrictions.

Investments of debt proceeds or reserve funds held by debt trustees or fiscal agents are governed by the provisions of debt agreements and are addressed in the following section.

### Investments held by Debt Trustees Are Authorized by Debt Agreements

The Agency must maintain required amounts of cash and investments with trustees or fiscal agents under the terms of certain debt issues. These funds are unexpended bond proceeds or are pledged reserves to be used if the Agency fails to meet its obligations under these debt issues. The California Government Code requires these funds to be invested in accordance with Agency resolutions, bond indentures or State statutes. The table below identifies the investment types that are authorized for investments held by debt trustees and certain provisions of these debt agreements.

Authorized Investment Type	Maximum Maturity	Maximum in Portfolio	Maximum Investment in One Issuer
U.S. Treasury Securities	None	100%	No limit
U.S. Government Agencies and Instrumentalities	None	100%	No limit
Banker's Acceptances	1 Year	100%	No limit
Commercial Paper	None	100%	No limit
Money Market Mutual Funds	N/A	100%	No limit
Investment Contracts	Maturity of debt	100%	No limit
Local Agency Investments Fund (LAIF)	None	100%	No limit
Repurchase Agreements	30 days	100%	No limit
California Arbitrage Management Trust	None	100%	No limit

### Interest Rate Risk

Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of an investment. Normally, the longer an investment's maturity, the greater the sensitivity of its fair value to changes in market interest rates. The Agency's investment policy states that interest rate risk will be mitigated by:

- (a) Structuring the Agency's portfolio so that securities mature to meet the Agency's cash requirements for ongoing obligations, thereby reducing the possible need to sell securities on the open market and incurring a possible loss prior to their maturity to meet those requirements; and
- (b) Managing the overall average maturity of the portfolio on a shorter term to maturity basis, not to exceed 2 ½ years.

Information about the sensitivity of the fair value of the Agency's investments (including investments held by bond trustees) to market interest rate fluctuations is provided by the following table that shows the distribution of the Agency's year-end investments by maturity:

Investment Type	Fair Value	Remaining Maturity				
		12 Months Or Less	13 to 24 Months	25 to 36 Months	37 to 48 Months	49 to 60 Months
U.S. Treasury Securities	\$ 17,199,660	6,048,990	-	11,150,670	-	-
U.S. Government Agencies - Primary	70,749,340	12,225,930	18,074,290	18,468,120	9,768,330	12,212,670
Corporate Notes	12,119,310	9,052,320	-	3,066,990	-	-
California State Bonds	4,324,440	-	-	-	4,324,440	-
Other States Notes/Bonds	2,312,450	-	-	1,117,040	-	1,195,410
Bonds of Supranationals	6,182,760	3,042,810	3,139,950	-	-	-
PCTPI	7,194,010	7,194,010	-	-	-	-
LAIF	74,908,437	74,908,437	-	-	-	-
Fiscal Agent Accounts:						
Money Market	2,754,799	2,754,799	-	-	-	-
<b>Total Investments</b>	<b>\$ 197,745,206</b>	<b>115,227,296</b>	<b>21,214,240</b>	<b>33,802,820</b>	<b>14,092,770</b>	<b>13,408,080</b>

### Credit Risk

Credit risk is the risk that an issuer of an investment will not fulfill its obligation to the holder of the investment. This is measured by the assignment of credit quality ratings by a nationally recognized statistical rating organization. Presented below is the minimum authorized rating requirement at the time of purchase, where applicable, by the California Government Code, the Agency's investment policy, or debt agreements. Also, presented below are the December 31, 2020 actual credit quality ratings for each investment type as provided by Moody's Investor Services, Inc.

Investment Type	Fair Value	Minimum Authorized Rating	Rating as of Year-End		
			Aaa*	Aa	Not Rated or Exempt
U.S. Treasury Securities	\$ 17,199,660	n/a	-	-	17,199,660
U.S. Government Agencies - Primary	70,749,340	n/a	70,749,340	-	-
Corporate Notes	12,119,310	Aa	3,066,990	9,052,320	-
California State Bonds	4,324,440	n/a	-	4,324,440	-
Other States Notes/Bonds	2,312,450	n/a	-	-	2,312,450
Bonds of Supranationals	6,182,760	AA	6,182,760	-	-
PCTPI	7,194,010	n/a	-	-	7,194,010
LAIF	74,908,437	n/a	-	-	74,908,437
Held by bond trustee:					
Money Market	2,754,799	AA-m	2,754,799	-	-
<b>Total</b>	<b>\$ 197,745,206</b>		<b>82,753,889</b>	<b>13,376,760</b>	<b>101,614,557</b>

\* Includes Standard & Poor's AAA rating of Money Market Funds (AAA-m)

The Agency’s investment policy states that credit risk will be mitigated by:

- (a) Limiting investments to only the most creditworthy types of securities;
- (b) Pre-qualifying the financial institutions with which the Agency will do business; and
- (c) Diversifying the investment portfolio so that the potential failure of any one issue or issuer will not place an undue financial burden on the Agency.

**Concentration of Credit Risk**

Concentration of credit risk is the risk of loss attributed to the magnitude of an entity’s investment in a single issuer. The Agency’s investment policy follows California Government Code regarding limitations on the amount that can be invested in any one investment type and does not further limit investments in any one issuer. Agency investments in the securities of any individual issuer, other than U.S. Treasury securities, LAIF, County Treasurer and mutual funds that represent 5% or more of total Agency investments are as follows:

<u>Issuer</u>	<u>Investment Type</u>	<u>Percent of Portfolio</u>	<u>Reported Amount</u>
Federal Home Loan Bank	U.S. Government Agencies - Primary	15.5%	\$ 30,662,350
Federal National Mortgage Association	U.S. Government Agencies - Primary	7.7%	15,291,690
Federal Home Loan Mortgage Corporation	U.S. Government Agencies - Primary	6.3%	12,400,980
Federal Farm Credit Bank	U.S. Government Agencies - Primary	6.3%	12,394,320

**Custodial Credit Risk**

Custodial credit risk for deposits is the risk that, in the event of the failure of a depository financial institution, a government will not be able to recover its deposits or will not be able to recover collateral securities that are in the possession of an outside party. The custodial credit risk for investments is the risk that, in the event of the failure of the counterparty (e.g., broker-dealer) to a transaction, a government will not be able to recover the value of its investment or collateral securities that are in the possession of another party.

California Law and the Agency’s investment policy require banks and savings & loan institutions to pledge government securities with a market value of 110% of the Agency’s cash on deposit as collateral for deposits. The third party bank trustee agreement must comply with California Government Code, which requires that a financial institution secure deposits made by state or local governmental units by pledging securities in an undivided collateral pool held by a depository regulated under state law (unless so waived by the governmental unit). The market value of the pledged securities in the collateral pool must equal at least 110% of the total amount deposited by the public agencies. The Agency’s investment policy states all securities owned by the Agency shall be held in safekeeping by a third party bank trust department acting as an agent of the Agency under the terms of the custody agreement.

The Agency invests in individual investments and in two investment pools (LAIF and the PCTPI). Individual investments are evidenced by specific identifiable securities instruments, or by an electronic entry registering the Agency as the owner in the “book entry” recording system. In order to increase security, the Agency employs the Trust Department of a bank or trustee as the custodian.

The Agency's deposits with financial institutions in excess of the Federal Depository Insurance Corporation limits total \$4,786,809 which is collateralized at a rate of 110% with securities held by the pledging financial institution's Trust Department but not in the Agency's name.

### **Investment in State Investment Pool – Local Agency Investment Fund**

The California State Treasurer maintains an investment pool in a special fund through which local governments may pool investments. The investment pool is named the Local Agency Investment Fund (LAIF). The Agency is a voluntary participant in the LAIF that is regulated by the California Government Code Section 16429 under the oversight of the Treasurer of the State of California and the Local Investment Advisory Board (Advisory Board). The Advisory Board consists of five members as designated by State Statute.

The Agency reports its investment in LAIF at the fair value amount provided by LAIF, which is the same as the value of the pool share. The balance available for withdrawal is the Agency's proportionate share of its investment in the LAIF, which amounted to \$74,908,437 at December 31, 2020.

Included in the LAIF's investment portfolio at December 31, 2020, are collateralized mortgage obligations, mortgaged backed securities, and other asset-backed securities, structured notes, loans to certain state funds, and floating rate securities issued by federal agencies, government-sponsored enterprises, U.S. Treasury Notes and Bills and corporations. At December 31, 2020, the amount invested by public agencies in the LAIF totaled \$107.3 billion, which includes asset-backed securities totaling \$2.5 billion (2.35%). At December 31, 2020, the LAIF investments mature in an average of 165 days.

### **Investment in Placer County Treasurer's Pooled Investments**

The Placer County Treasurer-Tax Collector maintains an investment pool in a special fund through which local agencies may pool investments. The investment pool is named the Placer County Treasurer's Pooled Investments (PCTPI). The Agency is a voluntary participant in the PCTPI that is regulated by the California State and Federal Laws and Regulations and under the oversight of the Treasurer's Review Panel. The Treasurer's Review Panel consists of four members as designated by Placer County Treasurer's Statement of Investment Policy.

The Agency reports its investment in the PCTPI at the value provided by the Placer County Treasurer-Tax Collector, which is valued at amortized cost. The balance available for withdrawal is the Agency's proportionate share of its investment in the Pool, which amounted to \$7,194,010 at December 31, 2020.

The investment of money on deposit in the PCTPI is limited to those investments specified by California Government Code Section 53601 and 53635. Included in the PCTPI at December 31, 2020, are securities issued by federal agencies, structured notes, and floating rate securities issued by federal agencies, government-sponsored enterprises, U.S. Treasury Notes and Bills and corporations. At December 31, 2020, the amount invested by all public agencies in the PCTPI totaled \$1,637,043,739, which includes Federal Agency Coupons totaling \$445 million (27.3%) and corporate medium term notes totaling \$30 million (1.8%). At December 31, 2020, the average days to maturity was 418 days.



## Fair Value Measurement

The Agency categorizes its fair value investments within the fair value hierarchy established by generally accepted accounting principles. The Agency has the following recurring fair value measurements as of December 31, 2020:

Investments at Fair Value	Amount	Fair Value Hierarchy		
		Level 1	Level 2	Level 3
U.S. Treasury Securities	\$ 17,199,660	17,199,660	-	-
U.S. Government Agencies - Primary	70,749,340	-	70,749,340	-
Corporate Notes	12,119,310	-	12,119,310	-
California State Bonds	4,324,440	-	4,324,440	-
Other States Notes/Bonds	2,312,450	-	2,312,450	-
Bonds of Supranationals	6,182,760	-	6,182,760	-
<b>Total Investments at Fair Value</b>	<b>112,887,960</b>	<b>17,199,660</b>	<b>95,688,300</b>	<b>-</b>
<b>Investments with Uncategorized Inputs</b>				
PCTPI	7,194,010			
LAIF	74,908,437			
Money Market - Held by Bond Trustee	2,754,799			
<b>Total Investments Measured Uncategorized</b>	<b>84,857,246</b>			
<b>Total Investments</b>	<b>\$ 197,745,206</b>			

All securities classified in Level 2 are valued using pricing models based in market data, such as matrix or model pricing from outside pricing services. Deposits and withdrawals in governmental investment pools, such as LAIF and PCTPI Investment Pools, are made on the basis of \$1 and not fair value. Accordingly, the Agency's measured fair value of its proportionate share in these types of investments is based on uncategorized inputs not defined as a Level 1, Level 2, or Level 3 input.

### 3. Summary of Capital Assets

The following is a summary of capital assets as of December 31, 2020:

	Balance 12/31/19	Additions	Retirements	Transfers	Balance 12/31/20
<b>Agency Wide:</b>					
Capital Assets, Not Being Depreciated:					
Land	\$ 4,054,187	-	-	-	4,054,187
Construction in Progress	8,769,078	1,493,321	-	(865,854)	9,396,545
Total Capital Assets, Not Being Depreciated	12,823,265	1,493,321	-	(865,854)	13,450,732
Capital Assets, Being Depreciated:					
Systems & Improvements	3,411,782	-	(266,881)	16,815	3,161,716
Buildings & Improvements	8,152,682	-	-	723,906	8,876,588
Machinery & Equipment	5,008,098	48,642	(586,914)	42,137	4,511,963
Total Capital Assets, Being Depreciated	16,572,562	48,642	(853,795)	782,858	16,550,267
Less Accumulated Depreciation for:					
Systems & Improvements	(2,095,755)	(207,767)	266,881	-	(2,036,641)
Buildings & Improvements	(1,750,221)	(352,379)	-	-	(2,102,600)
Machinery & Equipment	(3,578,259)	(510,850)	586,914	-	(3,502,195)
Total Accumulated Depreciation	(7,424,235)	(1,070,996)	853,795	-	(7,641,436)
Total Capital Assets, Being Depreciated, Net	9,148,327	(1,022,354)	-	782,858	8,908,831
Total Capital Assets - Agency Wide, Net	21,971,592	470,967	-	(82,996)	22,359,563
<b>Power Division:</b>					
Capital Assets, Not Being Depreciated:					
MFP FERC Relicensing	37,369,278	-	-	(37,369,278)	-
Construction Design	-	-	-	1,164,206	1,164,206
Construction in Progress	26,776,012	13,919,074	-	(31,255,562)	9,439,524
Total Capital Assets, Not Being Depreciated	64,145,290	13,919,074	-	(67,460,634)	10,603,730
Capital Assets, Being Depreciated:					
Systems & Improvements	221,592,825	-	(551,117)	14,932,400	235,974,108
MFP FERC Relicensing	-	-	-	37,369,278	37,369,278
Buildings & Improvements	4,190,314	-	(7,057)	-	4,183,257
Machinery & Equipment	10,875,978	565,895	(727,556)	15,258,767	25,973,084
Total Capital Assets, Being Depreciated	236,659,117	565,895	(1,285,730)	67,560,445	303,499,727
Less Accumulated Depreciation for:					
Systems & Improvements	(103,408,817)	(3,855,953)	551,117	-	(106,713,653)
Buildings & Improvements	(672,846)	(212,470)	7,057	-	(878,259)
Machinery & Equipment	(6,515,064)	(1,627,014)	727,556	-	(7,414,522)
Total Accumulated Depreciation	(110,596,727)	(5,695,437)	1,285,730	-	(115,006,434)
Total Capital Assets, Being Depreciated, Net	126,062,390	(5,129,542)	-	67,560,445	188,493,293
Total Capital Assets - Power Division, Net	190,207,680	8,789,532	-	99,811	199,097,023

	Balance 12/31/19	Additions	Retirements	Transfers	Balance 12/31/20
<b>Water Division:</b>					
Capital Assets, Not Being Depreciated:					
Land	13,264,750	1,000	-	500	13,266,250
Construction Design	1,133,416	-	-	4,380,800	5,514,216
Construction in Progress	16,605,024	23,373,802	-	(13,735,975)	26,242,851
Total Capital Assets, Not Being Depreciated	<u>31,003,190</u>	<u>23,374,802</u>	<u>-</u>	<u>(9,354,675)</u>	<u>45,023,317</u>
Capital Assets, Being Depreciated:					
Systems & Improvements	577,066,709	7,135,700	(354,542)	7,084,062	590,931,929
Buildings & Improvements	53,524,471	-	(8,630)	1,565,800	55,081,641
Machinery & Equipment	50,350,905	1,057,476	(1,020,388)	687,998	51,075,991
Total Capital Assets, Being Depreciated	<u>680,942,085</u>	<u>8,193,176</u>	<u>(1,383,560)</u>	<u>9,337,860</u>	<u>697,089,561</u>
Less Accumulated Depreciation for:					
Systems & Improvements	(213,422,456)	(14,973,366)	354,542	-	(228,041,280)
Buildings & Improvements	(17,537,030)	(1,701,399)	8,630	-	(19,229,799)
Machinery & Equipment	(38,015,473)	(2,013,013)	1,020,388	-	(39,008,098)
Total Accumulated Depreciation	<u>(268,974,959)</u>	<u>(18,687,778)</u>	<u>1,383,560</u>	<u>-</u>	<u>(286,279,177)</u>
Total Capital Assets, Being Depreciated, Net	<u>411,967,126</u>	<u>(10,494,602)</u>	<u>-</u>	<u>9,337,860</u>	<u>410,810,384</u>
Total Capital Assets - Water Division, Net	<u>442,970,316</u>	<u>12,880,200</u>	<u>-</u>	<u>(16,815)</u>	<u>455,833,701</u>
Total Capital Assets, Net	<u>\$ 655,149,588</u>	<u>22,140,699</u>	<u>-</u>	<u>-</u>	<u>677,290,287</u>

#### 4. Long-Term Obligations

The Agency generally incurs long-term debt to finance projects or purchase assets, which will have useful lives equal to or greater than the related debt. The long-term debt as of December 31, 2020 including interest rates and maturities are as follows:

Description	Fiscal Year Issued	Coupon Rates	Year of Final Maturity	Balance at December 31, 2020
Certificates of Participation:				
2013 Certificates	2013	4.0% - 5.0%	2023	\$ 2,835,000
2016 Certificates	2016	2.375% - 5.0%	2037	22,370,000
2018 Certificates	2018	4.0% - 6.0%	2029	<u>21,120,000</u>
Certificates outstanding				<u>46,325,000</u>
Loans Payable:				
State Water Resources Control Board				
Auburn Water Treatment Plant	2008	2.29%	2029	9,621,919
Electric Street Tank	2012	2.30%	2035	<u>5,999,159</u>
Loans outstanding				<u>15,621,078</u>
Improvement District (ID) Debt:				
ID No. 10 – Aquilar Road	1977	5.5% - 6.5%	1998	1,134 *
ID No. 11 – Lakeshore	1978	6.75%	1989	<u>1,195 *</u>
Improvement District debt outstanding				<u>2,329</u>
Subtotal debt outstanding				61,948,407
Compensated Absences				<u>6,846,547</u>
Total				68,794,954
Plus: Unamortized bond discounts and premiums				<u>4,681,002</u>
Total long-term debt				<u>\$ 73,475,956</u>

\* ID No. 10 & 11 warrants have reached maturity, yet certain warrants have not been presented for payment, hence they remain as a liability.

The following is a summary of changes in long-term obligations for the year ended December 31, 2020:

	Balance 1/1/2020	Additions	Retirements	Balance 12/31/2020	Amounts Due Within One Year
Certificates of Participation	\$ 49,125,000	-	2,800,000	46,325,000	2,960,000
Loans Payable	16,980,216	-	1,359,138	15,621,078	1,390,511
Improvement District Debt	2,329	-	-	2,329	-
Subtotal	66,107,545	-	4,159,138	61,948,407	4,350,511
Compensated Absences	6,250,887	3,157,386	2,561,726	6,846,547	4,473,172
Totals	<u>\$ 72,358,432</u>	<u>3,157,386</u>	<u>6,720,864</u>	<u>68,794,954</u>	<u>8,823,683</u>

### Certificates of Participation

All outstanding Certificates of Participation (Certificates) issuances represent undivided fractional interests in installment payments made, between the Agency and the Placer County Water Agency Public Facilities Corporation (Corporation) as the purchase price for certain additions and improvements as specified below in the individual Certificate issues.

Pursuant to the terms of each Certificate purchase contract, the Agency has pledged, on a parity basis, the water revenues of the Agency's Western Water System to the payment of the 2013, 2016 and 2018 Certificates and other parity debt.

#### 2013 Certificates

On June 19, 2013, Certificates of Participation (2013 Certificates) were issued by the Agency in the amount of \$8,100,000 with a reoffering premium of \$1,304,896 to refund the outstanding \$9,170,000 2003 Certificates (originally issued in 1993 to fund the Foothill Water Treatment Plant upgrade to 27 million gallons per day (MGD), a 10 MGD clearwell and refinance the Series B). The 2013 Certificates were issued with an average coupon of 4.65% and a fixed coupon range from 4.0% to 5.0%. The 2013 Certificate proceeds were used entirely to refund the 2003 Certificates and pay the associated issuance costs. The principal outstanding at December 31, 2020 is \$2,835,000.

#### 2016 Certificates

On May 19, 2016, Certificates of Participation (2016 Certificates) were issued by the Agency in the amount of \$24,840,000 with a reoffering net premium of \$3,002,617 to advance refund a portion of the outstanding 2007 Certificates in the amount of \$26,725,000 (originally issued to fund: 1) the construction of the Auburn Ravine Tunnel Pump Station, an addition to the water system in the amount of approximately \$20 million, and 2) the rehabilitation of existing water system infrastructure including portions of the Boardman canal, Bowman canal siphon and other projects in the amount of approximately \$13 million). The 2016 Certificates were issued with an average coupon of 3.536% and a fixed coupon range from 2.375% to 5.0%. The principal outstanding at December 31, 2020 is \$22,370,000.

2018 Certificates

On April 4, 2018, Certificates of Participation (2018 Certificates) were issued by the Agency in the amount of \$23,235,000 to refund the outstanding 2008 Certificates. The 2008 Certificate were issued entirely to refinance the 2005 Certificates (originally issued in 1998 to fund the Cross Basin Pipeline II), fund the \$3.4 million debt service reserve, pay the termination cost of the interest rate swap and pay the associated issuance costs. The 2018 Certificates were issued with an average coupon 4.8% and a fixed coupon range from 4% - 6% over a twelve year period maturing July 2029. The principal outstanding at December 31, 2020 is \$21,120,000.

Certificates of Participation Debt Covenants

The Certificates of Participation purchase contracts require the Agency to ensure that:

- (1) the net water revenues shall be at least 120% of debt service on all outstanding contracts and bonds,
- (2) the net water revenues shall be at least 100% of debt service on all outstanding contracts and bonds plus the obligation service for all outstanding obligations, and
- (3) the certificates reserve requirements shall be met.

Pursuant to the Agency’s rate covenant within the debt documents, in calculating net water revenue, no deduction for depreciation or amortization is to be made.

The following calculation indicates the Agency’s compliance with these criteria for the year ended December 31, 2020.

Data related to Western Water System area (excluding Improvement Districts):

1.	<u>Annual Debt Service Coverage</u>	<u>2020</u>
	Net Water Revenues excluding Depreciation	\$ 31,338,876
	Debt Service on Certificates and Other Parity Debt	\$ 6,684,278
	Debt Service Coverage	4.69
2.	<u>Obligation Service Coverage</u>	
	Net Water Revenues excluding Depreciation as Adjusted by Water Purchases	\$ 36,109,341
	Obligation Service	\$ 11,309,767
	Obligation Service Coverage	3.19
3.	<u>Certificate Reserve Requirement</u>	
	Minimum Reserve Requirement	<u>\$ 1,738,413</u>
	Reserves Held at Agency	46,219
	Actual Trustee Reserve Balance	<u>2,764,651</u>
	Total Reserve Balance	<u>\$ 2,810,870</u>
	Reserve Requirement Coverage	1.62



## **Loans Payable**

### *California Department of Health Services Loan – Auburn Water Treatment Plant*

In 2007, the Agency entered into a loan agreement with the Department of Health Services in an amount not to exceed \$20,000,000. The purpose of the loan was to finance the upgrades to the Auburn Water Treatment Plant. The principal and interest are payable from Water System revenue. The principal outstanding at December 31, 2020 is \$9,621,919.

### *California Department of Health Services Loan – Electric Street*

In 2012, the Agency entered into a loan agreement with the Department of Health Services in an amount not to exceed \$7,801,000. The purpose of the loan was to finance the upgrades to the Electric Street Water Tank. The principal and interest are payable from Water System revenue. The principal outstanding at December 31, 2020 is \$5,999,159.

## **Improvement District Debt**

From time to time, in order to finance water system construction and improvements, property owners have formed improvement districts. Upon request and approval of the affected property owners, which are deemed to benefit from the improvements, the properties are issued special assessment warrants and special assessments are levied. The warrants are the responsibility of the individual improvement district and the principal and interest are payable solely from the property assessments levied.

The following summarizes the individual improvement districts with debt outstanding and warrants payable balances at December 31, 2020:

### *Improvement District No. 10 (Aguilar Road)*

In 1977, warrants totaling \$77,400 were issued for the purpose of financing the installation of pipeline, fire hydrants and other facilities on Aguilar Road. Final maturity of the warrants was July 1998. However, not all warrants have been presented for payment, and therefore, these unrepresented amounts are carried as a liability in the financial statements. The unrepresented and outstanding warrants principal balance at December 31, 2020 is \$1,134.

### *Improvement District No. 11 (Lakeshore)*

In 1978, warrants totaling \$187,044 were issued for the purpose of financing improvements to Lakeshore Mutual Water Company's water system. Final maturity of the warrants was July 1989. However, not all warrants have been presented for payment, and therefore, these unrepresented amounts are carried as a liability in the financial statements. The unrepresented and outstanding warrants principal balance at December 31, 2020 is \$1,195.

## Debt Service Requirements

As of December 31, 2020, annual debt service requirements (excluding matured debt and compensated absences) to maturity are as follows:

Year Ending December 31:	Certificates of Participation		Loans Payable	
	Principal	Interest	Principal	Interest
2021	\$ 2,960,000	1,944,644	1,390,511	350,821
2022	3,095,000	1,793,269	1,422,608	318,724
2023	3,250,000	1,634,644	1,455,446	285,885
2024	3,575,000	1,464,019	1,489,042	252,289
2025	3,750,000	1,280,894	1,523,414	217,917
2026-2030	18,670,000	3,415,994	6,260,996	567,203
2031-2035	7,660,000	1,028,847	2,079,061	121,556
2036-2037	3,365,000	101,625	-	-
	<u>\$ 46,325,000</u>	<u>12,663,934</u>	<u>15,621,078</u>	<u>2,114,395</u>

## Future Water Revenues Pledged

The pledge of future Water Revenues ends upon repayment of the Senior, Second Senior, and Parity long-term debt obligations with remaining debt service as of December 31, 2020, totaling \$76.7 million as follows:

- Second Senior obligations with remaining debt service totaling \$59 million for the 2013, 2016 and 2018 Certifications of Participation, which is scheduled to be repaid in 2037.
- Parity debt obligations with remaining debt service totaling \$17.7 million for the Auburn Water Treatment Plant and Electric Street Tank State Revolving Fund (SRF) loans with the State Water Resources Control Board, which is scheduled to be repaid in 2035.

For fiscal year 2020, Water Fund Revenues including operating and non-operating revenues amounted to \$73.0 million and operating costs including operating expenses, but not interest, depreciation or amortizations amounted to \$41.7 million represented coverage of 4.69 over the \$6.7 million in debt service.

## Operating Leases

The Agency has entered into various operating leases for buildings and equipment with lease terms in excess of one year. None of these agreements contain purchase options. Future minimum lease payments under these agreements as of December 31, 2020, are as follows:

Total costs of such leases were \$79,819 for the year ended December 31, 2020.

Year Ending December 31,	Lease Payments
2021	\$ 59,726
2022	44,929
2023	27,710
2024	23,780
	\$ 156,145

## 5. Restricted Net Position

As of December 31, 2020 the Agency, including improvement districts, had the following restrictions to net position:

### Agency Wide Division:

IRS Section 125 – Reserve for employees Section 125 account	\$ 18,537
Water Resource Development – Restricted for Water Resource Development Fund Activities	477,129
Total Agency Wide	495,666

### Water Division:

Water Connection Charges – Restricted for Water System Expansion	53,651,715
Improvement Districts – Restricted for Debt Service	64,354
Cash and Investments – Restricted for Specific Purposes	276,749
Total Water	53,992,818
Total All Funds – Restricted Net Position	\$ 54,488,484

## 6. Water Supply Contracts

The Agency obtains its water supply from several sources:

- Up to 100,400 acre-feet (AF) of water per year from its Western Water Supply contract with PG&E, which is almost exclusively gravity fed;
- Up to 25,000 AF of water per year from its Zone 3 Water Supply contract with PG&E, which is gravity fed;
- Up to 120,000 AF of water per year from appropriated water rights developed through construction of the Agency’s 1963 Middle Fork Project, which is gravity fed and pumped;
- Up to 35,000 AF of water per year from the U.S. Bureau of Reclamation’s Central Valley Project pursuant to a 1970 contract, amended in 2011. The Agency has never drawn on this source.
- Up to 2,000 AF of water per year from wells in Western Placer County.

### *Western PG&E Water Supply Contract (Formerly Zone 1)*

The Western Water Supply is from PG&E pursuant to the 1968 Zone 1 Water Supply contract under which water is provided to the Agency from the Yuba and Bear Rivers through PG&E's Drum-Spaulding Project. The Drum-Spaulding Project consists of several reservoirs and a series of canals, tunnels and hydroelectric generation facilities. Nearly all of the water the Agency delivers to its treated and untreated water customers in the lower Zone 6 comes from PG&E.

The Western Water Supply contract was originally executed on June 18, 1968 with PG&E and allowed the Agency to take delivery of up to a maximum of 100,400 AF per year from specified diversion points along the canal system at prices ranging from \$1.45 to \$3.93 per AF. The Agency and PG&E approved an agreement that extended the term of the 1968 agreement at a new price of \$30 per AF effective January 1, 2014 and \$40 per AF effective January 1, 2015. The agreement contains an annual price escalator based on the Consumer Price Index. In 2020, the price for this water was \$44.86 per AF.

### *Zone 3 PG&E Water Supply Contract*

In 1982, the Agency entered into its Zone 3 Water Supply contract with PG&E to acquire treated and untreated water systems serving the portion of upper Placer County that is adjacent to Interstate 80 from Alta, down through Colfax, to the Eastern boundary of Zone 1, just above Auburn. Along with the acquired treated and untreated water systems, the Agency acquired the right to purchase up to 25,000 AF annually from PG&E for use within Zone 3. This water, like the Western PG&E Water Supply contract, is sourced from PG&E's Drum-Spaulding Project.

Deliveries to the Agency under the Zone 3 Water Supply contract are made at Alta Tailrace and Alta Forebay. The Agency incurs no charge for deliveries made available by PG&E of 13,000 AF or less in any water year. For water deliveries of more than 13,000 AF, the water price is set by the California Public Utilities Commission.

Under the Zone 3 Water Supply contract, the Agency receives conservation credits for operating the Zone 3 system to conserve water and decrease delivery requirements below 11,000 AF per year. The Agency has not yet exceeded delivery of 13,000 AF in any water year and has, therefore, incurred no charge for deliveries under the contract.

### *Middle Fork Project Water Rights*

In addition to the two PG&E water supply contracts, the Agency has up to 120,000 AF of water available annually from appropriated water rights developed through the construction of the 1963 Middle Fork Project on the American River. The Middle Fork Project consist of two storage reservoirs and five diversion dams, five power plants, diversion and water transmission facilities, five tunnels and related facilities. Middle Fork Project water can be diverted into the western water system through the American River Pump Station to Auburn tunnel and from Folsom Reservoir. In addition to serving the western water system, this source can be sold to out of county water purveyors pursuant to a 2000 Water Forum Agreement.

## 7. Defined Benefit Pension Plan

### Plan Description

The Agency contributes to the California Public Employees’ Retirement System (CalPERS), an agent multiple-employer public employee retirement system defined benefit pension plan that acts as a common investment and administrative agent for participating public entities within the State of California. Copies of CalPERS’ annual financial report may be obtained from their Executive Office: 400 P Street, Sacramento, California 95814.

All qualified permanent and probationary employees are eligible to participate in the Local Government’s Miscellaneous Plan (Plan), administered by the California Public Employees’ Retirement System (CalPERS). Benefit provisions under the Plan are established by State statute and Local Government resolution. CalPERS issues publicly available reports that include a full description of the pension plan regarding benefit provisions, assumptions, and membership information that can be found on the CalPERS website.

### Benefits Provided

CalPERS provides service retirements and disability benefits, annual cost of living adjustments and death benefits to plan members, who must be public employees and beneficiaries. Benefits are based on years of credited service, equal to one year of full time employment.

The Public Employees’ Pension Reform Act (PEPRA) of 2013 was created with the passing of Assembly Bill 340 (AB 340) signed by the Governor in September 2012. PEPRA implemented new benefit formulas, final compensation period and new contribution requirements for new employees hired on or after January 1, 2013, who meet the definition of “new member” under this bill.

### Funding Policy

The contribution requirements of the plan members are established by State statutes and the employer contribution rate is established and may be amended by CalPERS. The Agency does not pay any portion of the contributions required of employees on their behalf. The contribution rates below are set by statute and therefore, generally remain unchanged from year to year. The present actuarially determined rates of annual covered payroll are as follows:

<u>Category</u>	<u>Classic Member Rates as a Percentage of Wages</u>	<u>PEPRA Member Rates as a Percentage of Wages</u>
Local miscellaneous members	8.00%	6.25%

The table below reflects the Plans' provision and benefits in accordance with PEPRRA at June 30, 2020, are summarized as follows:

Hire Date	Prior to January 1, 2013	On or after January 1, 2013
Benefit formula	2.7% @ 55	2% @ 62
Benefit vesting schedule	5 year service	5 year service
Benefit payments	monthly for life	monthly for life
Retirement age	50-55	52-67
Monthly benefits, as a % of eligible compensation	2.0% to 2.7%	1.0% to 2.5%
Required employee contribution rates	8%	6.25%
Required employer contribution rates	11.556% + \$3.4M	11.556%

### Employees Covered

As of the June 30, 2020 measurement date, the following employees were covered by the benefit terms for each Plan:

Active employees	217
Inactive employees or beneficiaries currently receiving benefits	211
Inactive employees entitled to but not yet receiving benefits	66
Total	<u>494</u>

### Contribution Description

Section 20814(c) of the California Public Employees' Retirement Law (PERL) requires that the employer contribution rates for all public employers are determined on an annual basis by the actuary and shall be effective on July 1 following notice of a change in the rate. The total plan contributions are determined through the CalPERS annual actuarial valuation process. The actuarially determined rate is the estimated amount necessary to finance the costs of benefits earned by employees during the year, with an additional amount to finance any unfunded accrued liability. The employer is required to contribute the difference between the actuarially determined rate and the contribution rate of employees. Employer contribution rates may change if plan contracts are amended. Payments made by the employer to satisfy contribution requirements that are identified by the pension plan terms as plan member contribution requirements are classified as plan member contributions.

### Actuarial Methods and Assumptions used to determine Total Pension Liability

The June 30, 2019 valuation was rolled forward to determine the June 30, 2020 total pension liability, based on the following actuarial methods and assumptions:

Actuarial Cost Method	Entry Age Normal in accordance with the requirements of GASB 68
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Actuarial Assumptions

Discount Rate	7.15%
Inflation	2.50%
Salary Increases	Varies by Entry Age and Service
Payroll Growth	2.875%
Mortality Rate Table <sup>1</sup>	Derived using CalPERS' membership data for all funds
Post Retirement Benefit Increase	The lesser of contract COLA or 2.50% until Purchasing Power Protection Allowance floor on purchasing power applies, 2.50% thereafter

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

Discount Rate

The discount rate used to measure the total pension liability was 7.15%. The projection of cash flows used to determine the discount rate assumed that contributions from plan members will be made at the current member contribution rates and that contributions from employers will be made at statutorily required rates, actuarially determined. Based on those assumptions, the Plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

Long-term Expected Rate of Return

The long-term expected rate of return on pension plan investments was determined using a building-block method in which expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class.

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

The target allocation shown was adopted by CalPERS' Board of Administration effective on July 1, 2019.

Asset Class <sup>1</sup>	Current Target Allocation (as of 6/30/2020)	Real Return Years 1-10 <sup>2</sup>	Real Return Years 11+ <sup>3</sup>
Global Equity	50.0%	4.80%	5.98%
Fixed Income	28.0	1.00	2.62
Inflation Sensitive	-	0.77	1.81
Private Equity	8.0	6.30	7.23
Real Assets	13.0	3.75	4.93
Liquidity	1.0	-	-0.92

<sup>1</sup>In CalPERS' CAFR, Fixed Income is included in Global Debt Securities; Liquidity is included in the Short-term Investments; Inflation Assets are included in both Global Equity Securities and Global Debt Securities.

<sup>2</sup>An expected inflation of 2.0% used for this period

<sup>3</sup>An expected inflation of 2.92% used for this period

#### Changes in Net Pension Liability

The following table shows the changes in net pension liability recognized over the measurement period.

	Increase (Decrease)		
	Total Pension Liability (a)	Plan Fiduciary Net Position (b)	Net Pension Liability (c) = (a) - (b)
Balance at: June 30, 2019	\$ 141,590,036	96,127,440	45,462,596
Changes recognized for the measurement period:			
Service Cost	3,431,384	-	3,431,384
Interest on the Total Pension Liability	10,138,642	-	10,138,642
Changes of Benefit Terms	-	-	-
Changes of Assumptions	-	-	-
Differences between Expected and Actual Experience	1,959,677	-	1,959,677
Plan to Plan Resource Movement	-	-	-
Contributions - Employer	-	5,786,960	(5,786,960)
Contributions - Employees	-	1,440,575	(1,440,575)
Net Investment Income	-	4,859,977	(4,859,977)
Benefit Payment, including Refunds of Employee Contributions	(6,932,460)	(6,932,460)	-
Administrative Expense	-	(135,516)	135,516
Other Miscellaneous Income/(Expense)	-	-	-
Net Changes	8,597,243	5,019,536	3,577,707
Balance at June 30, 2020 (Measurement Date June 30, 2020)	\$ 150,187,279	101,146,976	49,040,303

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

The following presents the net pension liability of the Plan as of the Measurement Date, calculated using the discount rate of 7.15 percent, as well as what the net pension liability would be if it were calculated using a discount rate that is 1 percentage-point lower (6.15 percent) or 1 percentage-point higher (8.15 percent) than the current rate:

	Discount Rate		
	1% Decrease (6.15%)	Current Rate (7.15%)	1% Increase (8.15%)
Plan's Net Pension Liability/ (Asset)	\$68,663,235	49,040,303	32,751,539

#### Recognition of Deferred Outflows and Deferred Inflows of Resources

Under GASB 68, gains and losses related to changes in total pension liability and fiduciary net position are recognized in pension expense systematically over time.

The first amortized amounts are recognized in pension expense for the year the gain or loss occurs. The remaining amounts are categorized as deferred outflows and deferred inflows of resources related to pensions and are to be recognized in future pension expense.

The amortization period differs depending on the source of the gain or loss:

Net Difference between projected and actual earnings on pension plan investments	5 years straight-line amortization
All other amounts	Straight-line amortization over the expected average remaining service lifetime (EARSL) of all members that are provided with benefits (active, inactive, and retired) as of the beginning of the measurement period

The expected average remaining service lifetime (EARSL) is calculated by dividing the total future service years by the total number of plan participants (active, inactive, and retired).

The EARSL for the Plan for the measurement period ending June 30, 2020 is 4.6 years, which was obtained by dividing the total service years of 2,270 (the sum of remaining service lifetimes of the active employees) by 494 (the total number of participants: active, inactive, and retired). Inactive employees and retirees have remaining service lifetimes equal to 0. Total future service is based on the members' probability of decrementing due to an event other than receiving a cash refund.

Pension Expense and Deferred Outflows/Inflows of Resources Related to Pensions

For the measurement period ending June 30, 2020 (measurement date), the Agency recognized a pension expense of \$7,782,434 for the Plan.

As of December 31, 2020, the Agency reports other amounts for the Plan as deferred outflow and deferred inflow of resources related to pensions as follows:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Pension contributions subsequent to measurement date	\$ 4,941,999	-
Changes of Assumption	634,717	(304,595)
Differences between Expected and Actual Experience	2,456,089	(86,425)
Net Difference between Projected and Actual Earnings on Pension Plan Investments	712,585	-
Total	\$ 8,745,390	(391,020)

The \$4,941,999 reported as deferred outflows of resources related to contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ended December 31, 2021. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized as pension expense as follows:

Measurement period Ended June 30:	Deferred Outflows/(Inflows) of Resources
2021	\$ 732,648
2022	869,768
2023	1,152,830
2024	657,125
2025	-
Thereafter	-

**8. Other Post-Employment Benefits**

Plan Description

In addition to retirement benefits, the Agency provides other post-employment benefits (OPEB). The Placer County Water Agency Retiree Healthcare Plan (the Plan) is an agent multiple-employer defined benefit retiree healthcare plan. The plan provides healthcare benefits (medical) to certain employees who retire directly from the Agency on or after age 50 with at least five years of service, or retire for disability in accordance with State statutes and with various Agency Employee Associations’ Memoranda of Understanding (MOU). On June 5, 2008, the Agency’s Board passed a resolution to participate in the

California Employers Retirees Benefit Trust (CERBT), an irrevocable trust established to fund OPEB. CERBT is administrated by CalPERS, and is managed by an appointed board not under the control of Agency’s Board of Directors.

Benefits Provided

The Agency provides retiree medical benefits through the California Public Employees’ Retirement System healthcare program.

Employees hired before January 1, 2010 must have a minimum of five years of service with the Agency and/or other CalPERS member agencies. The Agency’s contribution amount increases annually by 5% of the active employee health insurance premium cap or \$100, whichever is less, until 100% of the active employee health insurance premium cap is reached.

Employees hired on or after January 1, 2010 must have a minimum of ten years of CalPERS service, of which a minimum of five years must be service with the Agency. The Agency’s contribution amount starts at 50% (of CalPERS premium) at 10 years, thereafter, the percentage of contribution increases by 5% each additional year of Agency service through year 20 at which point it reaches 100%.

Based on Memoranda of Understanding between the Agency and the employees’ union, retirees may purchase health coverage with unused sick leave. The cost to the Agency for the year ended December 31, 2020 was \$2,424. The Agency also provides health care benefits to its retirees through CalPERS. The cost to the Agency in the year ended December 31, 2020 was \$1,155,135.

Funding Policy

The Agency’s policy is to prefund these benefits by accumulating assets in CERBT discussed above pursuant to Agency Board Resolution. The contribution requirements of the plan members and the Agency are established by and may be amended by the Agency. The Agency prefunds plan benefits through the CERBT by contributing at least 100 percent of the Actuarially Determined Contribution (ADC).

Employees Covered

As of the June 30, 2020 measurement date, the following current and former employees were covered by the benefit terms under the Plan:

Active employees	221
Inactive employees or beneficiaries currently receiving	128
Inactive employees entitled to but not yet receiving benefits	29
Total	378

Contribution Description

The annual contribution is based on the actuarially determined contribution. For the measurement period ended June 30, 2020, the Agency’s cash contributions were \$1,113,383 in benefit payments, \$1,164,600 in payments to the trust, \$3,198 in Administrative expenses, and the estimated implied subsidy was \$250,500 resulting in total payments of \$2,531,681.

Actuarial Methods and Assumptions used to determine Total OPEB Liability

The Agency’s net OPEB liability was measured as of June 30, 2020 and the total OPEB liability used to calculate the net OPEB liability was determined by an actuarial valuation dated June 30, 2019 based on the following actuarial methods and assumptions:

Actuarial Cost Method:	Entry Age Normal
Actuarial Assumptions:	
Discount Rate	6.25%
Inflation	2.75%
Salary Increases	3.0% per annum, in aggregate
Investment Rate of Return	6.25%, assuming actuarially determined contributions funded into CERBT Investment Strategy 2
Mortality Rate <sup>(1)</sup>	Derived using CalPERS’ Membership Data for all funds
Pre-Retirement Turnover <sup>(2)</sup>	Derived using CalPERS’ Membership Data for all funds
Healthcare Trend Rate	Based on recent premium experience assuming 6.3%-7.25% increase due to market trends then reduced to a rate reflecting medical price inflation

Notes:

<sup>(1)</sup> Post-retirement mortality projected fully generational with Scale MP-2018

<sup>(2)</sup> The pre-retirement turnover information was developed based on CalPERS’ specific data. For more details, please refer to the 1997 to 2015 Experience Study Report. The Experience Study Report may be accessed on the CalPERS website [www.calpers.ca.gov](http://www.calpers.ca.gov) under Forms and Publications.

Discount Rate

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



### Long-term Expected Rate of Return

The long-term expected rate of return on OPEB plan investments was determined using a building-block method in which expected future real rates of return (expected returns, net of OPEB plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation.

The target allocation and best estimates of arithmetic real rates of return for each major asset class are summarized in the following table:

Asset Class	Strategy 2	
	Target Allocation	Expected Real Rate of Return
Global Equity	40.0%	4.82%
Fixed Income	43.0%	1.47%
TIPS	5.0%	1.29%
Commodities	4.0%	0.84%
REITs	8.0%	3.76%
Total	100%	

Assumed long-term rate of inflation is 2.75%

Long-term expected rate of return is 6.25%

Changes in Net OPEB Liability

The changes in the net OPEB liability for the Plan are as follows:

	Increase (Decrease)		
	Total OPEB Liability (a)	Plan Fiduciary Net position (b)	Net OPEB Liability/(Asset) (c) = (a) - (b)
Balance at June 30, 2019	\$33,440,922	23,549,064	9,891,858
Changes recognized for the measurement period:			
Service cost	1,478,208	-	1,478,208
Interest	2,139,825	-	2,139,825
Differences between Expected and Actual Experience	-	-	-
Changes of assumptions	-	-	-
Contributions - employer	-	2,531,681	(2,531,681)
Net investment income	-	1,327,085	(1,327,085)
Benefit payments	(1,363,883)	(1,363,883)	-
Administrative expense	-	(15,004)	15,004
Net Changes	2,254,150	2,479,879	(225,729)
Balance at June 30, 2020 <i>(Measurement Date June 30, 2020)</i>	\$35,695,072	26,028,943	9,666,129

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

The following presents the net OPEB liability of the Agency if it were calculated using a discount rate that is one percentage point lower or one percentage point higher than the current rate, for measurement period ended June 30, 2020:

	Discount Rate		
	1% Decrease (5.25%)	Current Rate (6.25%)	1% Increase (7.25%)
Net OPEB Liability	\$14,923,844	9,666,129	5,393,619

Sensitivity of the Net OPEB Liability to Changes in the Health Care Cost Trend Rates

The following presents the net OPEB liability of the Agency if it were calculated using healthcare cost trend rates that are one percentage point lower or one percentage point higher than the current rate, for measurement period ended June 30, 2020:

	Healthcare Trend Rate		
	1% Decrease	Current Trend	1% Increase
Net OPEB Liability	\$5,039,760	9,666,129	15,369,950

OPEB Plan Fiduciary Net Position

The CERBT issues a publicly available financial report that includes financial statements and required supplementary information. That report may be obtained from the California Public Employees’ Retirement System, CERBT, P.O. Box 942703, Sacramento, CA 94429-2703.

Recognition of Deferred Outflows and Deferred Inflows of Resources

Gains and losses related to changes in total OPEB liability and fiduciary net position are recognized in OPEB expense systematically over time. Amounts are first recognized in OPEB expense for the year the gain or loss occurs. The remaining amounts are categorized as deferred outflows and deferred inflows of resources related to OPEB and are to be recognized in future OPEB expense.

The recognition period differs depending on the source of the gain or loss:

Difference between projected and actual earnings on OPEB plan investments	5 years
All other amounts	Straight-line amortization over the expected average remaining service lifetime (EARSL) of all members that are provided with benefits (active, inactive, and retired) as of the beginning of the measurement period

The EARSL for the Plan for the measurement period ending June 30, 2019 is 6.5years, which was obtained by dividing the total service years of 2,033 (the sum of remaining service lifetimes of the active employees) by 314 (the total number of participants: active, inactive, and retired). Inactive employees and retirees have remaining service lifetimes equal to 0.

OPEB Expense and Deferred Outflows/Inflows of Resources Related to OPEB

For the measurement period ended June 30, 2020 (measurement date), the Agency recognized OPEB expense of \$2,202,155. As of December 31, 2020, the Agency reported deferred outflows of resources related to OPEB from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Contributions subsequent to measurement date	\$ 718,434	-
Changes of Assumption	1,101,278	341,827
Differences between Expected and Actual Experience	-	558,330
Net Difference between Projected and Actual Earnings on Plan Investments	-	71,130
Total	\$ 1,819,712	971,287

The \$718,434 reported as deferred outflows of resources related to contributions subsequent to the June 30, 2020 measurement date will be recognized as a reduction of the net OPEB liability during the year

ending December 31, 2021. Other amounts reported as deferred outflows and deferred inflows of resources related to OPEB will be recognized as expense as follows:

Measurement Period Ended June 30:	Deferred Outflows/(Inflows) of Resources
2021	\$ 64,586
2022	64,587
2023	109,867
2024	(9,032)
2025	(100,017)
Thereafter	-

## 9. Risk Management

The Agency has various operating exposures not limited to legal liability, tortious acts, injury to employees, and loss to physical property. In response to these exposures the Agency purchases insurance through a broker. The Agency carries Commercial Property, Boiler & Machinery and Business Interruption Coverage with scheduled and varying limits and deductibles. There are various other policies covering Public Officials, Crime, Cyber Liability, Pollution and other exposures. The Agency is a member of the Municipal Insurance Cooperative JPA for workers compensation coverage, and the Association of California Water Agencies-Joint Powers Insurance Authority (ACWA-JPIA), and participates in the property program for the Water Division while the Power Division purchases property coverage through a broker.

Coverage includes but is not limited to:

Coverage	Deductible
Workers' Compensation	\$100,000 (SIR)
Water CGL/Auto	\$25,000/\$1,000
Power CGL/Auto	\$25,000/\$1,000
Excess	Underlying policies
Water Property	\$10,000
Power Property	\$1,000,000

For Worker's Compensation, the Agency is self-insured and retains the risk for the first \$100,000 of a claim. Excess insurance coverage is purchased to cover claims in excess of \$100,000 up to the statutory limit set by the State of California.

The change in the Workers’ Compensation claims liability, including claims incurred but not reported is based on an independent actuarial study prepared annually and was computed as follows:

	2020	2019
Claims liability, beginning of the year	\$ 243,064	217,251
Current year claims	80,987	173,300
Change in prior year claims	49,921	(121,238)
Claims paid, current year claims	(11,213)	(3,216)
Claims paid, prior year claims	(90,401)	(23,033)
Claims liability, end of the year	<u>\$ 272,358</u>	<u>243,064</u>

The Agency has no additional liability accrued at December 31, 2020 based upon the requirements of GASB Statement No. 10 which requires that a liability for claims be reported if information prior to the issuance of the financial statements indicates that it is probable that a liability has been incurred at the date of the financial statements and that the loss can be reasonably estimated. There were no settlements in excess of the insurance coverage in any of the three prior fiscal years.

## 10. Joint Powers

### *Municipal Insurance Cooperative Joint Powers Authority*

As discussed in Note 9, the Agency is a member of the Municipal Insurance Cooperative (MIC) a California Joint Powers Authority formed July 1, 2014 to provide insurance coverage and risk management services for public entities. It is not an insurance company, but it provides the JPA members, at their option, the opportunity to purchase property, liability, and workers compensation coverage on a group basis. The Agency joined MIC in 2016.

### *Association of California Water Agencies – Joint Power Insurance Authorities*

As discussed in Note 9, the Agency is a member of the Association of California Water Agencies – Joint Power Insurance Authority (JPIA). The JPIA’s members have pooled funds to be self-insured for liability, property, underground storage tanks (UST), pollution liability, and workers compensation insurance. Placer County Water Agency is one of approximately 370 member districts and participates in the crime, cyber liability and property program. Complete audited financial statements can be obtained at the JPIA’s Office at 2100 Professional Drive, Roseville, California 95661-3700.

### *Middle Fork Project Finance Authority*

On January 10, 2006, the Agency entered into a Joint Powers Agreement (JPA) with the County. The agreement called for the formation of the “Middle Fork Project Finance Authority” (MFPFA) with the purpose to establish a joint organization to serve the mutual interests of the Agency and the County, exclusively, to provide for the financing of studies, programs, procedures, projects, services, improvements, modifications, and other costs that may be required to obtain a new Federal Energy Regulatory Commission (FERC) license or which may be completed under the current or subsequent FERC license of the Middle Fork Hydroelectric Project by the Agency, to approve Future Electrical Energy Sales, and to distribute revenues from Future Electrical Energy Sales. In March 2020, the MFPFA issued the MFPFA Revenue Bond, Series 2020 (Bond) in the amount of \$64.3 million to refund the

outstanding 2006 Bonds of \$71.0 million originally issued to provide funds for relicensing costs and related expenses. The Bond is secured by a pledge of Middle Fork Project hydroelectric revenue received and matures on April 1, 2036. As the owner and operator of the Middle Fork Project, the Agency is integral to assuring the MFP's operations generate sufficient revenue for the MFPFA to pay the annual debt service obligations, therefore the Bond Indenture includes covenants of the Agency to protect the source of revenues for the MFPFA's bond debt service. A summary of the Agency covenants in the indenture are as follows:

- Compliance with Laws and Preservation of Rights
- Not to Amend the JPA that would impair the MFPFA's right to revenue
- Maintain the power sales agreement with the CAISO
- Not to sell or dispose of property that would adversely impact revenue
- Maintain the system in good working order
- Pay lawful claims to prevent liens and compliance with contracts
- Payment of taxes and compliance with governmental regulations
- Maintain insurance and application of net insurance proceeds

Complete audited MFPFA financial statements are available at the Agency's finance office.

## **11. Construction Commitments**

At December 31, 2020 the Agency had ongoing construction commitments that totaled approximately \$21.8 million.

## **12. Due To/ Due From Balances**

Current due to/due from balances, which are expected to be repaid shortly after year end, are only used to cover negative cash balances within the Power Division due to the timing of reimbursements from the Middle Fork Project Finance Authority discussed in Note 1(M). As of December 31, 2020 the balance due from the Power Division to Agency Wide fund totals \$650,000.

## **13. Subsequent Events**

On January 21, 2021, the Board of Directors approved the use of cash reserves to fund a \$27.6M additional discretionary payment to CalPERS to bring the pension liability funded ratio to approximately 90% for the Agency's Agency Wide and Water Divisions funds. Payment was made to CalPERS on March 16, 2021.

On March 30, 2021, PCWA issued Water Revenue Certificates of Participation Series 2021 (2021 Bonds) in the par amount of \$15,260,000 to finance capital improvements to the water supply and delivery system. The 2021 Bonds were sold at a premium of \$3.46 million resulting in total bond proceeds of \$18.7 million with \$18.4 million for the water division projects and \$300k for the cost of issuance. The borrowing had an all-in true interest cost of 2.226% with no additional debt covenants. The 2021 Bonds were issued with 4% and 5% coupon rates over a twenty-year period with debt service payments in January and July at an average annual debt service of \$1.145 million maturing in July 2041.



## Schedule of Changes in Net Pension Liability and Related Ratios during the Measurement Period

Measurement Period	2019-20	2018-19
<b>TOTAL PENSION LIABILITY:</b>		
Service Cost	\$ 3,431,384	3,473,305
Interest on Total Pension Liability	10,138,642	9,547,912
Changes of Assumptions	-	-
Difference between Expected and Actual Experience	1,959,677	1,605,709
Benefit Payments, Including Refunds of Employee Contributions	(6,932,460)	(6,463,502)
<b>Net Change in Total Pension Liability</b>	<b>8,597,243</b>	<b>8,163,424</b>
Total Pension Liability - Beginning	141,590,036	133,426,612
Total Pension Liability - Ending (a)	<u>\$ 150,187,279</u>	<u>141,590,036</u>
<b>PLAN FIDUCIARY NET POSITION</b>		
Contributions - Employer	\$ 5,786,960	5,184,737
Contributions - Employee	1,440,575	1,381,037
Net Investment Income	4,859,977	5,998,505
Other Miscellaneous Income/(Expense)	-	209
Benefit Payments, Including Refunds of Employee Contributions	(6,932,460)	(6,463,502)
Plan to Plan Resource Movement	-	-
Administrative Expense	(135,516)	(64,291)
<b>Net Change in Fiduciary Net Position</b>	<b>5,019,536</b>	<b>6,036,695</b>
Plan Fiduciary Net Position - Beginning	96,127,440	90,090,745
Plan Fiduciary Net Position - Ending (b)	101,146,976	96,127,440
<b>Plan Net Pension Liability / (Asset) - (a)-(b)</b>	<b>\$ 49,040,303</b>	<b>45,462,596</b>
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	67.35%	67.89%
<b>Covered Payroll</b>	<b>\$ 19,127,000</b>	<b>18,915,720</b>
<b>Plan Net Pension Liability as a Percentage of Covered Payroll</b>	<b>256.39%</b>	<b>240.34%</b>

### Notes to Schedule:

Information is not available for 10 years

Benefit Changes: There were no changes to benefit terms specific to the plan.

Changes of Assumptions: In 2019, demographic assumptions and inflation rate were changed in accordance to the CalPERS Experience Study and Review of Actuarial Assumptions December 2017. In 2017, the discount rate was reduced from 7.65 percent to 7.15 percent. In 2016, there were no changes. In 2015, amounts reported reflect an adjustment of the discount rate from 7.5 percent (net of administrative expense) to 7.65 percent (without a reduction for pension plan administrative expense.) In 2014, amounts reported were based on the 7.5 percent discount rate.



2017-18	2016-17	2015-16	2014-15	2013-14
3,420,889	3,196,693	2,753,244	2,727,255	2,703,998
8,983,417	8,594,906	8,234,673	7,786,985	7,347,629
(842,114)	6,981,865	-	(1,854,615)	-
(103,164)	(540,219)	63,758	(112,172)	-
<u>(5,818,876)</u>	<u>(5,230,553)</u>	<u>(4,940,624)</u>	<u>(4,537,117)</u>	<u>(4,011,255)</u>
5,640,152	13,002,692	6,111,051	4,010,336	6,040,372
<u>127,786,460</u>	<u>114,783,768</u>	<u>108,672,717</u>	<u>104,662,381</u>	<u>98,622,009</u>
<u><u>133,426,612</u></u>	<u><u>127,786,460</u></u>	<u><u>114,783,768</u></u>	<u><u>108,672,717</u></u>	<u><u>104,662,381</u></u>
4,433,239	3,822,897	3,176,715	3,189,090	3,000,001
1,429,799	1,331,106	1,254,392	1,248,234	1,189,123
7,152,582	8,640,140	390,175	1,664,520	10,912,046
(246,413)	-	-	-	-
(5,818,876)	(5,230,553)	(4,940,624)	(4,537,117)	(4,011,255)
(209)	-	153	-	-
<u>(129,758)</u>	<u>(110,463)</u>	<u>(45,698)</u>	<u>(84,405)</u>	<u>-</u>
6,820,364	8,453,127	(164,887)	1,480,322	11,089,915
<u>83,270,381</u>	<u>74,817,254</u>	<u>74,982,141</u>	<u>73,501,819</u>	<u>62,411,904</u>
<u>90,090,745</u>	<u>83,270,381</u>	<u>74,817,254</u>	<u>74,982,141</u>	<u>73,501,819</u>
<u><u>43,335,867</u></u>	<u><u>44,516,079</u></u>	<u><u>39,966,514</u></u>	<u><u>33,690,576</u></u>	<u><u>31,160,562</u></u>
67.52%	65.16%	65.18%	69.00%	70.23%
18,056,950	16,837,108	15,869,756	15,428,271	14,590,176
240.00%	264.39%	251.84%	218.37%	213.57%



**Schedule of Plan Contributions – Pension:**

December 31,	Actuarially Determined Contribution (ADC)	Contributions in Relation to the ADC	Contribution Deficiency (Excess)	Covered Payroll	Contributions as a Percentage of Covered Payroll
2015	\$ 3,305,299	(3,305,299)	-	14,865,262	22.24%
2016	3,259,379	(3,528,582)	(269,203)	16,023,920	22.02%
2017	2,931,282	(2,931,282)	-	17,251,944	16.99%
2018	4,334,933	(4,941,050)	(606,117)	18,586,388	26.58%
2019	4,997,389	(5,514,486)	(517,097)	19,078,704	28.90%
2020	5,412,924	(5,978,127)	(565,203)	20,383,732	29.33%

**Notes to Schedule:**

Information is not available for 10 years.

The actuarial methods and assumptions used to set the actuarially determined contributions for the year ended December 31, 2020 were from the June 30, 2017 and June 30, 2018 public agency valuations.

Actuarial Cost Method	Entry Age Normal
Amortization Method/Period	Level percent of payroll
Asset Valuation Method	Market Value
Inflation	2.50%
Payroll Growth	2.75%
Investment Rate of Return	7.00% - 7.25% Net Pension Plan Investment Expenses, including Inflation for the June 30, 2018 and June 30, 2017 actuarial valuation dates, respectively.
Retirement Age	The probabilities of Retirement are based on the 2017 CalPERS Experience Study for the period from 1997 to 2015.
Mortality	The probabilities of mortality are based on the 2017 CalPERS Experience Study for the period from 1997 to 2015. Pre-retirement and Post-retirement mortality rates include 15 years of projected mortality improvement using 90 percent of Scale MP 2016 published by the Society of Actuaries.

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**Schedule of Changes in Net OPEB Liability and Related Ratios during the Measurement Period**

Measurement Period	2019-20
<b>TOTAL OPEB LIABILITY</b>	
Service Cost	\$ 1,478,208
Interest on Total OPEB Liability	2,139,825
Actual and Expected Experience Difference	-
Changes of Assumptions	-
Benefit Payments	(1,363,883)
Net Change in Total OPEB Liability	2,254,150
Total OPEB Liability - Beginning	33,440,922
Total OPEB Liability - Ending (a)	\$ 35,695,072
<b>PLAN FIDUCIARY NET POSITION</b>	
Contribution - Employer	\$ 2,531,681
Net Investment Income	1,327,085
Benefit Payments	(1,363,883)
Administrative Expense	(15,004)
Net Change In Plan Fiduciary Net Position	2,479,879
Plan Fiduciary Net Position - Beginning	23,549,064
Plan Fiduciary Net Position - Ending (b)	\$ 26,028,943
Net OPEB Liability - Ending (a)-(b)	\$ 9,666,129
Plan Fiduciary Net Position as a Percentage of Total OPEB Liability	72.92%
Covered-Employee payroll	\$ 21,242,722
Net OPEB Liability as a Percentage of Covered-Employee Payroll	45.50%

**Notes to Schedule:**

Information is not available for 10 years.

Changes of Assumptions: For 2018-19 demographic assumptions were updated to CalPERS 1997-2015 Experience Study. Mortality improvement scale was updated to Scale MP-2018. Actuarial methodology for Tier 2 benefits slightly updated.

2018-19	2017-18
1,472,138	1,287,285
2,080,383	1,958,306
(806,478)	-
(493,749)	2,045,228
-	-
<u>(1,250,700)</u>	<u>(1,152,312)</u>
1,001,594	4,138,507
<u>32,439,328</u>	<u>28,300,821</u>
<u><u>33,440,922</u></u>	<u><u>32,439,328</u></u>
2,101,279	2,259,506
1,539,224	1,516,502
(1,250,700)	(1,152,312)
<u>(6,022)</u>	<u>(34,757)</u>
2,383,781	2,588,939
<u>21,165,283</u>	<u>18,576,344</u>
<u><u>23,549,064</u></u>	<u><u>21,165,283</u></u>
<u><u>9,891,858</u></u>	<u><u>11,274,045</u></u>
70.42%	65.25%
20,451,705	19,683,606
48.37%	57.28%

**Schedule of Plan Contributions – OPEB:**

December 31,	Actuarially Determined Contribution (ADC)	Contributions in Relation to the ADC	Contribution Deficiency (Excess)	Covered- Employee Payroll	Contributions as a Percentage of Covered Payroll
2018	\$ 2,030,000	(2,132,566)	(102,566)	20,291,718	10.51%
2019	2,088,000	(2,153,396)	(65,396)	20,596,588	10.46%
2020	2,254,000	(2,207,989)	46,011	22,559,283	9.79%

Information is not available for 10 years

**Notes to Schedule:**

The actuarial methods and assumptions used to set the actuarially determined contribution for the year ended December 31, 2020 were from the June 30, 2019 public agency valuation.

Methods and assumptions used to determine contributions:

Actuarial Cost Method	Entry Age Normal, Level Percentage of pay
Amortization Method/Period	Level percent of pay
Amortization Period	Approximately 17.4-year remaining as of 2020
Asset Valuation Method	Investment gains and losses spread over 5-year rolling period
Discount Rate	6.75%
General Inflation	2.75%
Medical Trend	Non-Medicare - 7.25% for 2021, decreasing to an ultimate rate of 4.0% in 2076
	Medicare - 6.3% for 2021, decreasing to an ultimate rate of 4.0% in 2076
Mortality	CalPERS 1997-2015 experience study
Mortality Improvement	Mortality projected fully generational with Scale MP-2018

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PLACER COUNTY WATER AGENCY  
Combining Schedule of Net Position  
December 31, 2020

ASSETS	<u>Agency Wide</u>	<u>Power Division</u>	<u>Water Division</u>	<u>Adjustments</u>	<u>Total</u>
Current assets:					
Cash and investments	\$ 25,172,777	2,446	90,575,247	-	115,750,470
Water service receivable, net	-	-	7,490,149	-	7,490,149
Accounts receivable	14,146	5,723,420	918,071	-	6,655,637
Interest receivable	282,537	-	485,597	-	768,134
Taxes receivable	1,101,629	-	-	-	1,101,629
Materials and supplies	21,923	-	905,244	-	927,167
Due from other funds	650,000	-	-	(650,000)	-
Prepaid expenses	674,838	838,173	687,730	-	2,200,741
Total current assets	<u>27,917,850</u>	<u>6,564,039</u>	<u>101,062,038</u>	<u>(650,000)</u>	<u>134,893,927</u>
Non-current assets:					
Investments	17,845,529	-	11,440,317	-	29,285,846
Restricted investments	495,666	-	56,747,617	-	57,243,283
Notes receivable	-	-	61,168	-	61,168
Capital assets, not depreciable	13,450,732	10,603,730	45,023,317	-	69,077,779
Capital assets, net of depreciation	<u>8,908,831</u>	<u>188,493,293</u>	<u>410,810,384</u>	<u>-</u>	<u>608,212,508</u>
Total non-current assets	<u>40,700,758</u>	<u>199,097,023</u>	<u>524,082,803</u>	<u>-</u>	<u>763,880,584</u>
Total assets	<u>68,618,608</u>	<u>205,661,062</u>	<u>625,144,841</u>	<u>(650,000)</u>	<u>898,774,511</u>
DEFERRED OUTFLOWS OF RESOURCES					
Deferred outflow - pension contributions	915,752	1,105,031	2,921,216	-	4,941,999
Deferred outflow - pension actuarial	658,418	818,955	2,326,018	-	3,803,391
Deferred outflow - OPEB contributions	431,060	86,212	201,162	-	718,434
Deferred outflow - OPEB actuarial	660,768	132,153	308,357	-	1,101,278
Deferred charges on refunding	-	-	1,949,483	-	1,949,483
Total deferred outflows	<u>2,665,998</u>	<u>2,142,351</u>	<u>7,706,236</u>	<u>-</u>	<u>12,514,585</u>

(Continued)

PLACER COUNTY WATER AGENCY  
Combining Schedule of Net Position  
December 31, 2020

LIABILITIES AND NET POSITION	Agency Wide	Power Division	Water Division	Adjustments	Total
<b>Current liabilities:</b>					
Accounts payable	391,560	3,944,348	5,379,257	-	9,715,165
Accrued salaries and benefits	386,087	393,197	1,059,408	-	1,838,692
Interest payable	-	-	1,064,851	-	1,064,851
Deposits	-	-	1,281,853	-	1,281,853
Current portion of long-term liabilities	-	-	4,350,511	-	4,350,511
Compensated absences payable, current portion	1,027,589	908,219	2,537,364	-	4,473,172
Due to other funds	-	650,000	-	(650,000)	-
Total current liabilities	<u>1,805,236</u>	<u>5,895,764</u>	<u>15,673,244</u>	<u>(650,000)</u>	<u>22,724,244</u>
<b>Non-current liabilities:</b>					
Certificates of participation, net of premiums/discounts	-	-	48,046,002	-	48,046,002
Loans payable	-	-	14,230,567	-	14,230,567
Improvement district debt	-	-	2,329	-	2,329
Compensated absences payable	573,211	406,748	1,393,416	-	2,373,375
Net pension liability	8,827,255	10,788,867	29,424,181	-	49,040,303
Net OPEB liability	5,799,677	1,159,934	2,706,518	-	9,666,129
Total non-current liabilities	<u>15,200,143</u>	<u>12,355,549</u>	<u>95,803,013</u>	<u>-</u>	<u>123,358,705</u>
Total liabilities	<u>17,005,379</u>	<u>18,251,313</u>	<u>111,476,257</u>	<u>(650,000)</u>	<u>146,082,949</u>
<b>DEFERRED INFLOWS OF RESOURCES</b>					
Deferred inflows - pension actuarial	70,384	86,024	234,612	-	391,020
Deferred inflows - OPEB actuarial	582,773	116,554	271,960	-	971,287
Total deferred inflows	<u>653,157</u>	<u>202,578</u>	<u>506,572</u>	<u>-</u>	<u>1,362,307</u>
<b>NET POSITION</b>					
Net investment in capital assets	22,359,563	199,097,023	393,910,903	-	615,367,489
<b>Restricted:</b>					
Water system expansion	-	-	53,651,715	-	53,651,715
Other	495,666	-	341,103	-	836,769
Total restricted net position	495,666	-	53,992,818	-	54,488,484
Unrestricted	30,770,841	(9,747,501)	72,964,527	-	93,987,867
Total net position	<u>\$ 53,626,070</u>	<u>189,349,522</u>	<u>520,868,248</u>	<u>-</u>	<u>763,843,840</u>

See accompanying notes to financial statements.

PLACER COUNTY WATER AGENCY  
Combining Schedule of Revenues, Expenses and Changes in Net Position  
For the year ended December 31, 2020

	<u>Agency Wide</u>	<u>Power Division</u>	<u>Water Division</u>	<u>Total</u>
<b>OPERATING REVENUES</b>				
Water sales	\$ 962,920	-	42,887,688	43,850,608
Power sales	-	38,192,945	95,960	38,288,905
Renewal and replacement charges	-	-	14,756,926	14,756,926
Engineer charges	276	-	803,824	804,100
Customer service charges	-	-	686,222	686,222
Other revenue	36,280	448	12,265	48,993
	<u>999,476</u>	<u>38,193,393</u>	<u>59,242,885</u>	<u>98,435,754</u>
<b>OPERATING EXPENSES</b>				
Purchased water	-	-	4,770,465	4,770,465
Operations administration	-	3,121,983	1,129,006	4,250,989
Pumping plants and wells	-	-	909,644	909,644
Water treatment	-	-	9,051,455	9,051,455
Electrical operations	-	9,704,611	-	9,704,611
Transmission and distribution of treated water	-	-	3,661,219	3,661,219
Transmission and distribution of raw water	-	-	4,536,722	4,536,722
Customer service and collections	-	-	4,660,981	4,660,981
Recreation	-	2,338,479	-	2,338,479
Automotive and equipment	-	-	1,005,429	1,005,429
Engineering	-	2,028,248	5,071,772	7,100,020
General and administrative	1,731,675	5,522,997	6,887,794	14,142,466
Energy marketing	-	1,534,511	-	1,534,511
Depreciation	1,070,996	5,695,437	18,687,778	25,454,211
	<u>2,802,671</u>	<u>29,946,266</u>	<u>60,372,265</u>	<u>93,121,202</u>
Total operating expenses	<u>2,802,671</u>	<u>29,946,266</u>	<u>60,372,265</u>	<u>93,121,202</u>
Operating income (loss)	<u>(1,803,195)</u>	<u>8,247,127</u>	<u>(1,129,380)</u>	<u>5,314,552</u>

(Continued)

See accompanying notes to financial statements.

PLACER COUNTY WATER AGENCY  
Combining Schedule of Revenues, Expenses and Changes in Net Position  
For the year ended December 31, 2020

	<u>Agency Wide</u>	<u>Power Division</u>	<u>Water Division</u>	<u>Total</u>
<b>NON-OPERATING REVENUES (EXPENSES)</b>				
Water connection charges	-	-	8,730,256	8,730,256
MFPFA net revenue distribution	6,189,526	-	-	6,189,526
Out of county water sales	6,650,000	-	-	6,650,000
Costs recovered from other agencies	156,832	379,765	402,363	938,960
Investment income	1,437,193	-	3,571,603	5,008,796
Property taxes and assessments	1,117,624	-	6,904	1,124,528
Gain (loss) on disposal of assets	-	-	235,555	235,555
Program grant revenue	-	-	515,400	515,400
Interest expense	-	-	(2,004,360)	(2,004,360)
Rental income	690,000	1,920	331,457	1,023,377
Other income (expense)	<u>(125,243)</u>	<u>(247)</u>	<u>(13,060)</u>	<u>(138,550)</u>
 Total non-operating revenues (expenses)	 <u>16,115,932</u>	 <u>381,438</u>	 <u>11,776,118</u>	 <u>28,273,488</u>
 Net income before capital contributions	 <u>14,312,737</u>	 <u>8,628,565</u>	 <u>10,646,738</u>	 <u>33,588,040</u>
<b>CAPITAL CONTRIBUTIONS</b>				
Capital contributions	-	-	7,136,700	7,136,700
Transfers in	16,815	99,811	510,000	626,626
Transfers out	<u>(609,811)</u>	<u>-</u>	<u>(16,815)</u>	<u>(626,626)</u>
 Increase in net position	 13,719,741	 8,728,376	 18,276,623	 40,724,740
Net position, beginning of year	<u>39,906,329</u>	<u>180,621,146</u>	<u>502,591,625</u>	<u>723,119,100</u>
Net position, end of year	<u>\$ 53,626,070</u>	<u>189,349,522</u>	<u>520,868,248</u>	<u>763,843,840</u>

See accompanying notes to financial statements.

PLACER COUNTY WATER AGENCY  
Combining Schedule of Cash Flows  
For the year ended December 31, 2020

	<u>Agency Wide</u>	<u>Power Division</u>	<u>Water Division</u>	<u>Total</u>
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>				
Cash received from customers	\$ 1,106,931	35,422,856	59,132,873	95,662,660
Cash paid to suppliers for goods and services	(3,228,031)	(7,084,458)	(13,361,782)	(23,674,271)
Cash paid to employees for services	(7,963,981)	(8,036,709)	(21,031,705)	(37,032,395)
Cash received (paid) for service level support	10,594,915	(6,813,709)	(3,781,206)	-
Net cash provided by (used for) operating activities	<u>509,834</u>	<u>13,487,980</u>	<u>20,958,180</u>	<u>34,955,994</u>
<b>CASH FLOWS FROM NON-CAPITAL FINANCING ACTIVITIES</b>				
Property taxes and assessments	1,117,624	-	6,904	1,124,528
MFPFA net revenue distribtuion	6,189,526	-	-	6,189,526
Costs recovered from other agencies	156,832	379,765	402,363	938,960
Out of county water sales	6,650,000	-	-	6,650,000
Program grant revenue	-	-	515,400	515,400
Transfers in	16,815	99,811	510,000	626,626
Transfers out	(609,811)	-	(16,815)	(626,626)
Due to/from funds	(615,000)	615,000	-	-
Net cash provided by (used for) non-capital financing activities	<u>12,905,986</u>	<u>1,094,576</u>	<u>1,417,852</u>	<u>15,418,414</u>
<b>CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES</b>				
Acquisition and construction of capital assets	(1,458,968)	(14,584,779)	(24,414,467)	(40,458,214)
Proceeds from disposal of capital assets	-	-	235,555	235,555
Principal payment on debt	-	-	(4,159,138)	(4,159,138)
Interest payment on debt	-	-	(2,555,045)	(2,555,045)
Water connection charges	-	-	8,728,239	8,728,239
Net cash provided by (used for) capital and related financing activities	<u>(1,458,968)</u>	<u>(14,584,779)</u>	<u>(22,164,856)</u>	<u>(38,208,603)</u>
<b>CASH FLOWS FROM INVESTING ACTIVITIES</b>				
Purchases of investments	(12,417,781)	-	(10,955,176)	(23,372,957)
Proceeds from maturity of investments	5,550,869	-	28,649,131	34,200,000
Investment income	1,219,751	-	2,470,612	3,690,363
Net cash flows from investing activities	<u>(5,647,161)</u>	<u>-</u>	<u>20,164,567</u>	<u>14,517,406</u>
Net increase (decrease) in cash and cash equivalents	6,309,691	(2,223)	20,375,743	26,683,211
Cash and cash equivalents, beginning of year	<u>11,025,028</u>	<u>4,669</u>	<u>51,678,731</u>	<u>62,708,428</u>
Cash and cash equivalents, end of year	<u>\$ 17,334,719</u>	<u>2,446</u>	<u>72,054,474</u>	<u>89,391,639</u>

(Continued)

See accompanying notes to financial statements.

PLACER COUNTY WATER AGENCY  
Combining Schedule of Cash Flows  
For the year ended December 31, 2020

Reconciliation of operating income (loss) to net cash provided by (used for) operating activities:	<u>Agency Wide</u>	<u>Power Division</u>	<u>Water Division</u>	<u>Total</u>
Operating income (loss)	\$ (1,803,195)	8,247,127	(1,129,380)	5,314,552
Adjustments to reconcile operating income (loss) to cash flows provided by (used for) operating activities				
Depreciation	1,070,996	5,695,437	18,687,778	25,454,211
Other non-operating income	564,757	1,673	318,397	884,827
Change in assets and liabilities:				
(Increase) decrease in accounts receivable	107,731	(2,770,537)	37,509	(2,625,297)
(Increase) decrease in materials and supplies	(718)	-	(13,025)	(13,743)
(Increase) decrease in prepaid expense	(83,334)	26,537	295,475	238,678
(Increase) decrease in pension and OPEB deferred outflows	274,044	(56,574)	(197,065)	20,405
Increase (decrease) in accounts payable and other liabilities	1,733	1,655,228	1,302,163	2,959,124
Increase (decrease) in salaries and benefits payable	296,176	194,214	423,730	914,120
Increase (decrease) in deposits	-	-	(147,520)	(147,520)
Increase (decrease) in net pension liability	(135,437)	(27,088)	(63,204)	(225,729)
Increase (decrease) in net OPEB liability	643,988	787,096	2,146,623	3,577,707
Increase (decrease) in pension and OPEB deferred inflows	(426,908)	(265,130)	(703,301)	(1,395,339)
Net cash provided by (used for) operating activities	<u>\$ 509,833</u>	<u>13,487,983</u>	<u>20,958,180</u>	<u>34,955,996</u>
Reconciliation to Statement of Net Position:				
Cash and investments (current)	\$ 25,172,777	2,446	90,575,247	115,750,470
Investments (non-current)	17,845,529	-	11,440,317	29,285,846
Restricted cash and investments (non-current)	495,666	-	56,747,617	57,243,283
Less long-term investments	(26,179,253)	-	(86,708,707)	(112,887,960)
Total cash and cash equivalents	<u>\$ 17,334,719</u>	<u>2,446</u>	<u>72,054,474</u>	<u>89,391,639</u>
Non-cash investing, capital and financing activities:				
Non-cash capital contributions	\$ -	-	7,136,700	7,136,700
Change in fair value of investments	327,745	-	1,195,801	1,523,546

See accompanying notes to financial statements.

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# Statistical Section

## Water Facts

1 Cubic Foot	=	7.48 GAL
100 Cubic Feet	=	748 GAL
100 Cubic Feet	=	1CCF*
1 Acre Foot**	=	43,560 CF
1 Acre Foot**	=	325,851 GAL
1 CFS	=	448.8 GPM
1 CFS	=	646,272 GPD
1 CFS for 24 hours	=	1.98 AF
1 CFS for 30 days	=	59.5 AF
1 CFS for one year	=	724 AF
1 Gallon	=	8.34 Pounds
1 MGD	=	3.07 AF per day
1 MGD	=	1,120 AF per year
1 Miners' Inch	=	11.22 GPM
1 Miners' Inch	=	16,157 GPD
1 Miners' Inch	=	1.49 AF for 30 days
1 Miners' Inch	=	18.10 AF for 1 year

## Abbreviations

AF	=	Acre foot	GAL	=	Gallon
CF	=	Cubic foot	GPD	=	Gallons per day
CCF	=	100 Cubic feet	GPM	=	Gallons per minute
CFS	=	Cubic foot per second	MGD	=	Million gallons per day

\* The Agency bills per unit of measure, which is 100 cubic feet (unit).

\*\* An acre-foot of water is enough to cover one acre of land one foot deep.



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# Statistical Section Table of Contents

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This part of the Placer County Water Agency’s comprehensive annual financial report presents detailed information as a context for understanding what the information in the financial statements, note disclosures, and required supplementary information says about PCWA’s overall financial health.

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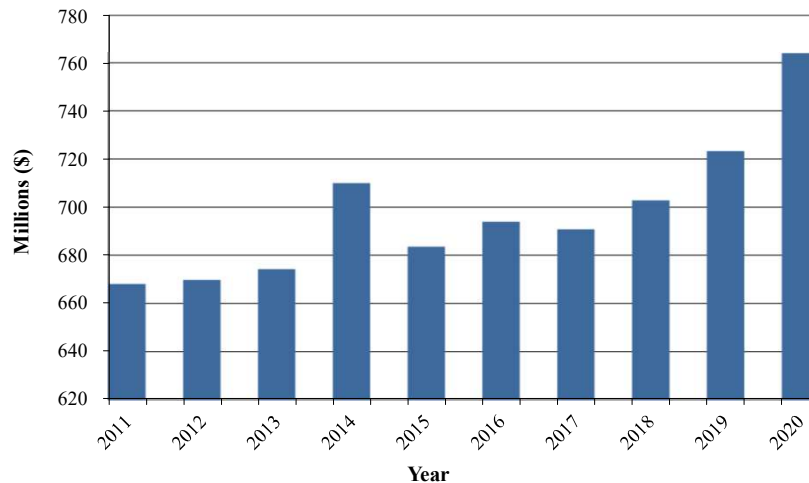
**PLACER COUNTY WATER AGENCY**  
**TABLE # 1**  
**Change in Net Position and Net Position by Component**  
**Last Ten Years**

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>Change in Net Position:</b>										
Operating Revenues	\$ 43,467,416	47,587,988	49,455,803	61,253,094	70,079,702	70,775,642	77,847,081	89,351,512	89,631,311	98,435,754
Operating Expenses	(54,617,252)	(59,850,342)	(64,690,945)	(71,664,167)	(78,618,612)	(81,521,453)	(85,273,692)	(86,677,312)	(89,557,732)	(93,121,202)
Operating Income (Loss) (1)	(11,149,836)	(12,262,354)	(15,235,142)	(10,411,073)	(8,538,910)	(10,745,811)	(7,426,611)	2,674,200	73,579	5,314,552
Non-Operating Revenues/(Expenses) (2)	26,180,907	13,356,401	16,611,819	31,844,824	4,623,612	14,033,403	3,786,555	14,517,019	14,996,840	28,273,488
Net Income Before Capital Contributions	15,031,071	1,094,047	1,376,677	21,433,751	(3,915,298)	3,287,592	(3,640,056)	17,191,219	15,070,419	33,588,040
Capital Contributions	5,712,459	3,240,922	3,156,000	14,265,424	7,221,675	7,018,306	532,360	3,543,879	5,321,018	7,136,700
<b>Change in Net Position</b>	<b>20,743,530</b>	<b>4,334,969</b>	<b>4,532,677</b>	<b>35,699,175</b>	<b>3,306,377</b>	<b>10,305,898</b>	<b>(3,107,696)</b>	<b>20,735,098</b>	<b>20,391,437</b>	<b>40,724,740</b>
<b>Net Position, Beginning of Year (3)</b>	<b>647,244,242</b>	<b>667,987,772</b>	<b>669,644,964</b>	<b>674,177,641</b>	<b>709,876,816</b>	<b>683,478,649</b>	<b>693,784,547</b>	<b>690,676,851</b>	<b>702,727,663</b>	<b>723,119,100</b>
Prior Period Adjustment (3)	-	(2,677,777)	-	-	(29,704,544)	-	-	(8,684,286)	-	-
<b>Net Position, End of Year</b>	<b>\$ 667,987,772</b>	<b>669,644,964</b>	<b>674,177,641</b>	<b>709,876,816</b>	<b>683,478,649</b>	<b>693,784,547</b>	<b>690,676,851</b>	<b>702,727,663</b>	<b>723,119,100</b>	<b>763,843,840</b>
<b>Net Position by Component (3):</b>										
Net Investment in Capital Assets	517,953,059	532,923,095	540,136,120	556,981,900	547,553,264	555,449,325	567,458,132	582,868,954	588,608,231	615,367,489
Restricted	44,317,810	44,633,854	39,332,535	42,678,014	61,811,951	61,078,363	52,726,664	53,714,745	58,061,576	54,488,484
Unrestricted	105,716,903	92,088,015	94,708,986	110,216,902	74,113,434	77,256,859	70,492,055	66,143,964	76,449,293	93,987,867
<b>Total Net Position</b>	<b>\$ 667,987,772</b>	<b>669,644,964</b>	<b>674,177,641</b>	<b>709,876,816</b>	<b>683,478,649</b>	<b>693,784,547</b>	<b>690,676,851</b>	<b>702,727,663</b>	<b>723,119,100</b>	<b>763,843,840</b>

- (1) The 2020 operating gain is attributable to an increase in operating revenue of \$8.8 million and non-operating revenue increase of \$13.3 million. Agency Wide operating revenue decreased \$426,151 and the Water Division increased \$4.4 million due to the 2020 adopted rate increase of 2.9% and warm dry weather through the end of the year. Power Division operating revenue increased \$4.8 million which reflects increased reimbursements from the Middle Fork Project Finance Authority due to increased Capital Project expenses during 2020. The increase in operating expenses is primarily due to Purchased water increasing due to increased water demands and depreciation increasing \$1.2 million overall.
- (2) Significant fluctuation in non-operating revenues/(expenses) stems from the variance in Water Connection Charge payments for new connections which is tied to actual development and one-time water sales to agencies outside Placer County. In 2015, non-operating revenues/(expenses) also included the Agency's Eastern Water System - Zone 4 transfer to Northstar Community Services District, specifically assets and cash totaling \$23.7 million and \$6 million, respectively.
- (3) In 2013, the Agency restated the 2012 net position at the beginning of the year. The implementation of GASB 65 and the classification of bond issuance costs as expenses caused the 2012 beginning net position to be adjusted by \$2,677,777. In 2015, with the implementation of GASB 68, the unfunded pension liability resulted in a prior period adjustment to net position for \$29.7 million. In 2018, with the implementation of GASB 75, the net OPEB liability resulted in a prior period adjustment to net position for \$8.7 million.

Source: Placer County Water Agency, Audited Financial Statements

**CHART #1**  
**Total Net Position**



**PLACER COUNTY WATER AGENCY**

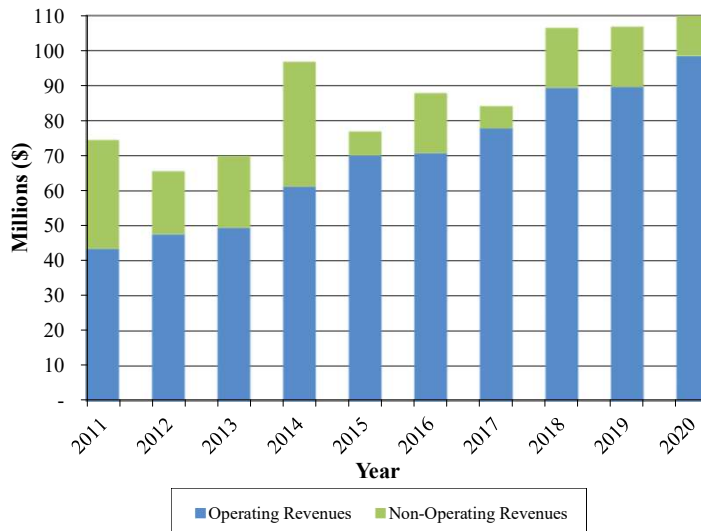
**TABLE # 2  
Revenues by Source  
Last Ten Years**

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>Operating Revenues</b>										
Water Sales	\$30,500,851	32,709,967	34,491,580	34,187,459	30,961,345	34,217,098	36,686,798	38,782,230	40,366,197	43,850,608
Power Sales (1)	11,837,765	13,686,081	13,514,781	25,505,528	25,589,249	22,821,858	27,486,249	35,604,203	33,438,515	38,288,905
Renewal & Replacement Charge (2)	-	-	-	-	11,413,820	11,604,564	11,747,194	13,253,634	14,055,878	14,756,926
Raw Water Surcharge (2)	-	-	-	-	329,848	343,377	359,213	-	-	-
Reimbursements	65,104	73,108	-	-	-	-	-	-	-	-
Engineering Charges	329,803	395,443	733,383	716,213	816,141	864,592	674,039	821,097	828,159	804,100
Customer Service Charges	693,154	686,420	709,568	770,250	774,312	800,798	816,204	849,742	842,105	686,222
Other	40,739	36,969	6,491	73,644	194,987	123,355	77,384	40,606	100,457	48,993
<b>Total Operating Revenues</b>	<b>43,467,416</b>	<b>47,587,988</b>	<b>49,455,803</b>	<b>61,253,094</b>	<b>70,079,702</b>	<b>70,775,642</b>	<b>77,847,081</b>	<b>89,351,512</b>	<b>89,631,311</b>	<b>98,435,754</b>
<b>Non-Operating Revenues</b>										
Water Connection Charge	399,568	1,647,974	5,002,272	9,385,614	24,996,971	11,824,165	7,795,975	10,385,103	7,690,159	8,730,256
Renewal & Replacement Charge (2)	9,082,944	9,217,860	9,207,590	10,809,457	-	-	-	-	-	-
Mandated Costs Charge (2)	2,826	2,967	2,926	2,902	-	-	-	-	-	-
Raw Water Surcharge (2)	271,126	281,205	281,769	310,152	-	-	-	-	-	-
Water Sales (3)	-	200,000	3,350,000	11,750,000	6,000,000	-	-	-	-	6,650,000
Costs Recovered from Other Agencies (4)	17,902,116	4,427,360	1,625,139	630,355	253,377	355,314	1,159,664	659,222	829,051	1,310,480
Interest Earnings	1,642,919	1,132,295	969,930	1,015,465	1,066,989	1,379,608	1,836,632	2,729,395	-	-
Investment Income (5)	-	-	-	-	-	-	-	-	6,170,781	5,008,796
Property Taxes and Assessments	641,080	661,155	764,877	762,750	850,127	904,057	939,379	1,062,185	1,147,905	1,124,528
Amort. of (Discount)/Premium on Debt	-	-	(90,973)	(207,086)	138,765	369,364	367,825	829,889	804,886	756,684
Other (6)	1,110,336	408,691	(615,397)	1,096,869	(26,464,025)	2,243,786	(5,741,633)	1,411,656	497,998	6,697,104
<b>Total Non-Operating Revenues</b>	<b>31,052,915</b>	<b>17,979,507</b>	<b>20,498,133</b>	<b>35,556,478</b>	<b>6,842,204</b>	<b>17,076,294</b>	<b>6,357,842</b>	<b>17,077,450</b>	<b>17,140,780</b>	<b>30,277,848</b>
<b>Total Revenues (7)</b>	<b>\$74,520,331</b>	<b>65,567,495</b>	<b>69,953,936</b>	<b>96,809,572</b>	<b>76,921,906</b>	<b>87,851,936</b>	<b>84,204,923</b>	<b>106,428,962</b>	<b>106,772,091</b>	<b>128,713,602</b>

- (1) From 1963 to April 2013, the Agency had a 50 year contract with Pacific Gas & Electric Company (PG&E) for the sale of all power generated at the Agency's Middle Fork power plants. Schedules related to Power Sales as an own-source revenue were not included in the Statistical Section as PG&E was the only power customer and power sales amount was a reimbursement of costs per the 1963 contract through April 30, 2013. Since May 1, 2013, the Agency has taken over responsibility for various Power functions previously performed by PG&E and power sales has since been a reimbursement of operating expenses from the Middle Fork Finance Authority.
- (2) In 2015, Renewal & Replacement Charge and Raw Water Surcharge Revenues have been reclassified from non-operating to operating revenue, as they are considered customer charges (water rates) for use in providing cost of services. Beginning in 2018, the rate structure changed and Raw Water Surcharge is included in Renewal & Replacement charges.
- (3) Non-operating Water Sales are one-time water sales to agencies outside Placer County.
- (4) Significant amounts from 2011 - 2013 are because of the expense recovered from the Middle Fork Project Finance Authority.
- (5) Beginning in 2019, interest earnings and mark to market adjustment on investments were combined and included in Investment Income.
- (6) Includes program grant revenues, mark to market adjustment on investments and other net income/expense. In 2015, other income/expense includes the Agency's Eastern Water System - Zone 4 transfer to Northstar Community Services District, specifically assets and cash totaling \$23.7 million and \$6 million, respectively. Beginning in 2019, mark to market was pulled out of other and included in Investment Income.
- (7) Significant fluctuations in total revenues stems primarily from the variance in Water Connection Charge revenues (See Note 2 on Table 1).

Source: Placer County Water Agency, Audited Financial Statements

**CHART #2  
Total Revenues**



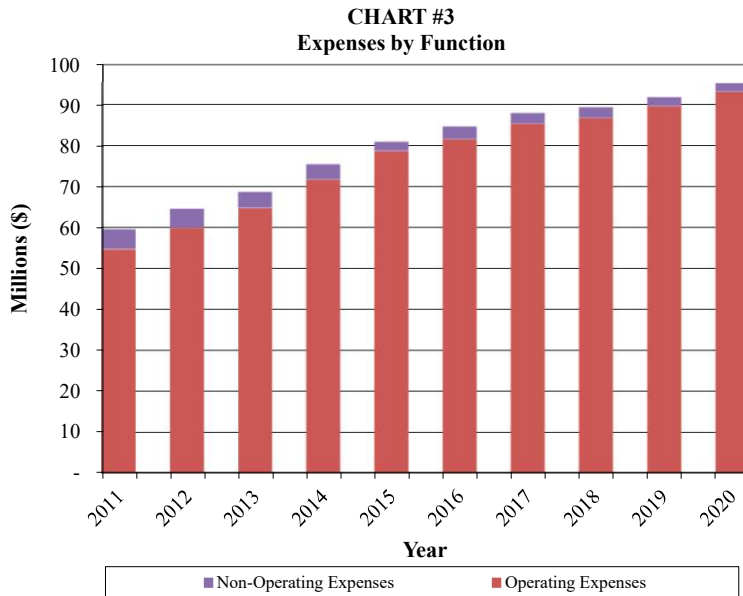
**PLACER COUNTY WATER AGENCY**

**TABLE # 3  
Expenses by Function  
Last Ten Years**

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>Operating Expenses</b>										
Purchased Water	\$ 683,441	622,157	833,700	2,583,562	3,054,297	3,962,985	3,852,247	4,255,328	3,991,862	4,770,465
Operations Administration (1)	880,837	955,572	969,509	1,043,568	1,120,004	1,298,698	1,279,894	1,149,458	4,836,568	4,250,989
Pumping Plants & Wells	1,078,772	1,532,769	1,262,704	2,070,275	2,567,327	586,127	587,642	747,766	517,618	909,644
Water Treatment	4,778,758	5,460,773	5,239,839	6,632,499	7,346,965	7,578,315	7,681,994	8,006,569	8,664,994	9,051,455
Electrical Operations	1,648,972	1,751,049	1,832,649	2,343,539	2,255,878	2,322,854	6,383,611	5,782,269	6,530,483	9,704,611
Transmission & Distribution-Treated	2,562,810	3,249,731	2,520,821	2,366,201	2,840,337	2,724,957	3,019,930	3,370,479	3,600,970	3,661,219
Transmission & Distribution-Untreated	3,611,480	4,718,531	4,216,665	3,693,672	3,874,436	4,362,632	4,977,085	3,916,654	4,317,585	4,536,722
Customer Service & Collections	3,404,118	3,485,741	3,521,925	3,720,337	4,455,896	3,986,300	4,960,988	3,893,793	4,759,128	4,660,981
Repairs & Maintenance (2)	1,848,032	1,639,482	2,108,862	2,556,136	2,361,196	3,221,411	2,680,431	4,843,114	2,712,050	-
Engineering	2,172,488	2,763,911	3,051,155	3,068,670	5,512,612	6,847,636	5,133,124	5,110,246	6,367,991	7,100,020
General & Administrative	8,920,594	9,690,579	11,955,565	13,176,428	14,870,321	16,361,930	16,235,211	16,343,132	14,145,752	14,142,468
Energy Marketing	-	-	2,355,448	2,886,610	1,792,614	1,682,037	1,470,949	1,377,515	1,521,093	1,534,511
Other (3)	1,254,568	1,316,565	2,650,486	2,921,542	3,229,588	2,921,279	3,009,370	3,222,596	3,382,406	3,343,908
Subtotal, Operating Expenses before Depreciation (4)	32,844,870	37,186,860	42,519,328	49,063,039	55,281,471	57,857,161	61,272,476	62,018,919	65,348,500	67,666,993
Depreciation	21,772,382	22,663,482	22,171,617	22,601,128	23,337,141	23,664,292	24,001,216	24,658,393	24,209,232	25,454,209
<b>Total Operating Expenses</b>	<b>54,617,252</b>	<b>59,850,342</b>	<b>64,690,945</b>	<b>71,664,167</b>	<b>78,618,612</b>	<b>81,521,453</b>	<b>85,273,692</b>	<b>86,677,312</b>	<b>89,557,732</b>	<b>93,121,202</b>
<b>Non-Operating Expenses</b>										
Interest Expense	4,405,532	4,137,102	3,886,314	3,711,654	2,218,592	3,042,891	2,571,287	2,560,431	2,143,940	2,004,360
Amortization of Bond Issue Costs	466,476	486,004	-	-	-	-	-	-	-	-
<b>Total Non-Operating Expenses</b>	<b>4,872,008</b>	<b>4,623,106</b>	<b>3,886,314</b>	<b>3,711,654</b>	<b>2,218,592</b>	<b>3,042,891</b>	<b>2,571,287</b>	<b>2,560,431</b>	<b>2,143,940</b>	<b>2,004,360</b>
<b>Total Expenses</b>	<b>\$59,489,260</b>	<b>64,473,448</b>	<b>68,577,259</b>	<b>75,375,821</b>	<b>80,837,204</b>	<b>84,564,344</b>	<b>87,844,979</b>	<b>89,237,743</b>	<b>91,701,672</b>	<b>95,125,562</b>

- (1) For years 2011 - 2018 this was Field Administration. Beginning in 2019, this is Operations Administration and Power Administration is included; moving from General & Administrative.
- (2) Beginning in 2020, Repairs & Maintenance is included in Electrical Operations.
- (3) Includes Recreation, and Automotive & Equipment Expenses.
- (4) The 2019 increase in operating expenses is primarily due to the write-off of a capital project that has been determined to be impaired. The Water Division was the primary funding source with \$1.4 million expensed, along with \$600,000 expensed to the Power Division and \$230,000 expensed to Agency Wide. Additionally, there was an increase in the Water Division for the allocation of Agency Wide costs and year-end payroll.

Source: Placer County Water Agency, Audited Financial Statements



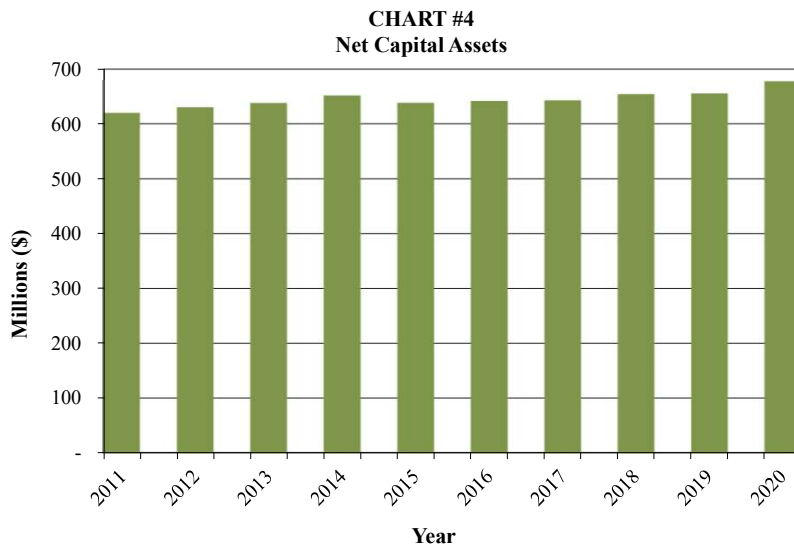
**PLACER COUNTY WATER AGENCY**

**TABLE # 4  
Capital Assets  
Last Ten Years**

	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>
<b>Capital Assets</b>										
Land	\$ 13,417,644	13,693,194	13,954,066	13,969,223	13,924,337	17,059,763	17,167,763	17,200,294	17,318,937	17,320,437
Utility Plant-Preliminary Survey	399,718	412,218	412,218	777,614	777,614	777,614	412,217	399,717	1,133,416	6,678,422
Utility Plant	627,077,708	645,008,180	656,729,086	715,551,064	728,522,892	760,565,562	763,226,422	787,751,950	802,071,315	867,437,031
Other Property & Equipment	86,253,274	93,452,690	96,954,713	102,533,599	105,200,171	111,402,279	116,120,902	123,489,053	132,102,448	149,702,524
Construction in Progress	<u>103,142,548</u>	<u>110,703,430</u>	<u>124,527,047</u>	<u>95,838,035</u>	<u>85,068,599</u>	<u>69,096,449</u>	<u>86,795,005</u>	<u>89,512,166</u>	<u>89,519,392</u>	<u>45,078,921</u>
Total Capital Assets	<u>830,290,892</u>	<u>863,269,712</u>	<u>892,577,130</u>	<u>928,669,535</u>	<u>933,493,613</u>	<u>958,901,667</u>	<u>983,722,309</u>	<u>1,018,353,180</u>	<u>1,042,145,508</u>	<u>1,086,217,335</u>
<b>Accumulated Depreciation</b>	<u>(210,650,373)</u>	<u>(232,958,541)</u>	<u>(254,709,702)</u>	<u>(277,201,174)</u>	<u>(295,317,172)</u>	<u>(317,523,272)</u>	<u>(341,016,728)</u>	<u>(364,470,790)</u>	<u>(386,995,920)</u>	<u>(408,927,048)</u>
Net Capital Assets (1)	<u>\$619,640,519</u>	<u>630,311,171</u>	<u>637,867,428</u>	<u>651,468,361</u>	<u>638,176,441</u>	<u>641,378,395</u>	<u>642,705,581</u>	<u>653,882,390</u>	<u>655,149,588</u>	<u>677,290,287</u>

(1) On October 1, 2015, the Agency's Eastern Water System - Zone 4 was transferred to Northstar Community Services District, resulting in a reduction of \$23.7 million in net

Source: Placer County Water Agency, Audited Financial Statements



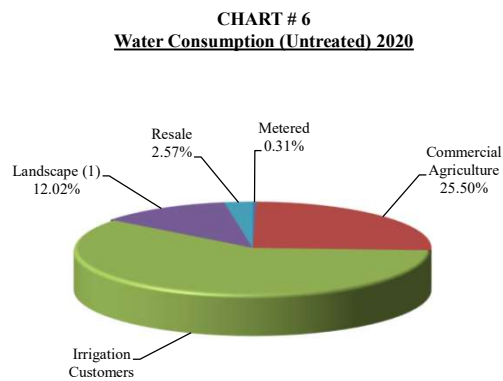
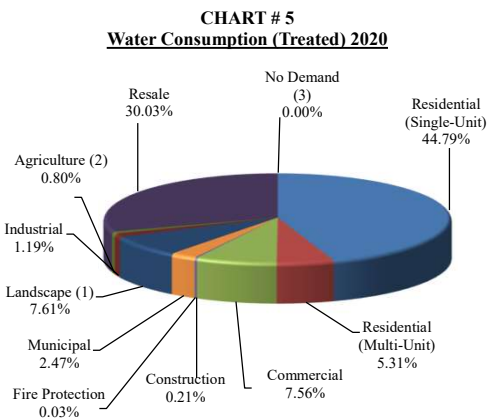


**PLACER COUNTY WATER AGENCY**  
**TABLE # 5**  
**Water Consumption and Water Sales by Type of Customer**  
**Last Ten Years**

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>TREATED WATER</b>										
<b>Consumption (Acre-Feet)</b>										
Residential (Single-Unit)	14,116	16,189	16,872	14,127	11,623	12,886	14,070	14,696	14,796	16,837
Residential (Multi-Unit)	1,927	1,996	2,087	1,853	1,615	1,724	1,837	1,866	1,881	1,997
Commercial	2,887	3,043	3,146	2,833	2,494	2,625	2,796	2,909	2,874	2,842
Construction	38	69	223	241	174	125	120	129	212	80
Fire Protection	3	4	3	4	6	5	5	3	6	10
Municipal	957	1,213	1,250	978	842	912	962	1,045	955	929
Landscape (1)	1,803	2,107	2,244	1,924	1,619	1,940	2,260	2,295	2,455	2,859
Industrial	397	407	416	426	441	409	380	427	387	449
Agriculture (2)	280	282	297	242	277	259	217	215	221	299
Resale	7,763	8,866	10,937	9,575	7,873	8,839	9,616	10,258	9,976	11,291
No Demand (3)	-	-	1	1	1	-	-	3	1	-
Total Treated Water Consumption (Acre-Feet)	30,171	34,176	37,476	32,204	26,965	29,724	32,263	33,846	33,764	37,593
Total Consumption (Units) (4)	13,142,488	14,887,066	16,324,546	14,028,062	11,745,954	12,947,774	14,053,763	14,743,318	14,707,598	16,375,511
<b>Total Treated Water Sales</b>	<b>\$ 26,190,648</b>	<b>28,391,744</b>	<b>30,167,534</b>	<b>29,720,125</b>	<b>26,541,946</b>	<b>29,062,114</b>	<b>31,359,879</b>	<b>33,138,173</b>	<b>34,513,783</b>	<b>37,863,912</b>
<b>Effective Rate per unit (incl. monthly service charge) (5)</b>	<b>1.99</b>	<b>1.91</b>	<b>1.85</b>	<b>2.12</b>	<b>2.26</b>	<b>2.24</b>	<b>2.23</b>	<b>2.25</b>	<b>2.35</b>	<b>2.31</b>
<b>UNTREATED (RAW) WATER</b>										
<b>Consumption (Acre-Feet)</b>										
Metered	268	299	309	288	210	221	304	326	302	306
Commercial Agriculture	14,470	24,002	25,024	13,277	16,852	23,978	16,179	19,339	12,673	24,816
Irrigation Customers	54,440	55,020	55,251	53,821	52,574	54,813	56,233	57,254	57,265	57,990
Landscape (1)	11,676	11,693	11,866	11,895	11,230	11,249	11,897	11,639	11,640	11,694
Resale	2,074	2,527	2,635	2,311	2,034	1,733	2,259	2,414	2,283	2,502
Total Untreated (Raw) Water Consumption (Acre-Feet)	82,928	93,541	95,085	81,592	82,900	91,994	86,872	90,972	84,163	97,308
Total Consumption (Miner's Inch) (4)	4,582	5,168	5,253	4,508	4,580	5,083	4,800	5,026	4,650	5,376
<b>Total Untreated (Raw) Water Sales</b>	<b>\$ 3,236,269</b>	<b>3,530,125</b>	<b>3,556,835</b>	<b>3,230,268</b>	<b>3,401,970</b>	<b>3,904,198</b>	<b>3,981,172</b>	<b>4,492,644</b>	<b>4,512,957</b>	<b>4,939,526</b>
<b>Effective Annual Rate per miner's inch (6)</b>	<b>\$ 673.62</b>	<b>683.07</b>	<b>677.06</b>	<b>716.58</b>	<b>742.77</b>	<b>768.16</b>	<b>829.49</b>	<b>893.87</b>	<b>970.55</b>	<b>918.79</b>

- (1) Includes golf courses, parks, and landscape greenbelt areas that are metered separately.
- (2) The treated water agriculture classification is for customers involuntarily deprived of untreated water service.
- (3) Accounts that pay only monthly service and renewal and replacement charges but are not consuming water. When these accounts begin consuming water, they are changed to the appropriate category. If PCWA is not notified before water consumption, some consumption will be billed and recorded in the "No Demand" category.
- (4) One Acre-Foot is equal to 435.6 Units which is equal to 325,851 gallons. One Miner's Inch for a year is equal to 18.10 Acre-feet for that year.
- (5) Effective Rate is reported in units (100 cubic feet) because consumption rates are per unit. The effective rate per unit includes the monthly service charge as well as the commodity tier rates.
- (6) Effective Rate is calculated per miner's inch per year because consumption rates are per miner's inch. In 2011, the effective rate per miner's inch has been adjusted to account for a one-time reimbursement from PG&E for lost raw water revenue due to the Bear River Canal break.

Source: Placer County Water Agency, Customer Service Department



**PLACER COUNTY WATER AGENCY**

**TABLE # 6**

**Water Accounts by Type of Customer  
Last Ten Years**

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>TREATED WATER</b>										
<b>Water Customer Accounts</b>										
Residential (Single-Unit)	29,561	29,704	30,151	30,629	29,992	30,928	31,538	31,945	32,367	32,943
Residential (Multi-Unit)	758	759	757	758	761	770	771	774	774	775
Commercial	1,888	1,882	1,889	1,913	1,908	1,923	1,933	1,940	1,956	1,965
Construction	16	17	41	31	39	32	37	32	41	32
Fire Protection	911	921	928	958	962	993	1,012	1,019	1,039	979
Municipal	172	174	175	176	174	174	173	174	173	173
Landscape(1)	486	491	501	507	528	551	558	570	593	611
Industrial	1	1	1	1	1	1	1	1	1	1
Agriculture	70	64	65	62	61	59	58	57	69	68
Resale	9	9	9	11	11	11	11	11	11	11
No Demand (2)	849	715	740	791	957	969	719	962	939	1,013
<b>Total Treated Water Accounts (3)</b>	<b>34,721</b>	<b>34,737</b>	<b>35,257</b>	<b>35,837</b>	<b>35,394</b>	<b>36,411</b>	<b>36,811</b>	<b>37,485</b>	<b>37,963</b>	<b>38,571</b>
<b>UNTREATED (RAW) WATER</b>										
<b>Water Customer Accounts</b>										
Metered	273	267	261	260	259	261	261	259	257	256
Commercial Agriculture	311	311	325	351	351	349	347	346	334	347
Irrigation Customers	3,381	3,413	3,461	3,443	3,452	3,521	3,585	3,628	3,635	3,669
Landscape(1)	28	27	28	27	27	26	27	25	24	24
Resale	6	6	6	6	6	6	6	6	6	6
<b>Total Untreated (Raw) Water Accounts</b>	<b>3,999</b>	<b>4,024</b>	<b>4,081</b>	<b>4,087</b>	<b>4,095</b>	<b>4,163</b>	<b>4,226</b>	<b>4,264</b>	<b>4,256</b>	<b>4,302</b>
<b>TOTAL WATER ACCOUNTS</b>	<b>38,720</b>	<b>38,761</b>	<b>39,338</b>	<b>39,924</b>	<b>39,489</b>	<b>40,574</b>	<b>41,037</b>	<b>41,749</b>	<b>42,219</b>	<b>42,873</b>
<b>New Connections (EDU's) (4)</b>	<b>87</b>	<b>75</b>	<b>508</b>	<b>747</b>	<b>1168</b>	<b>662</b>	<b>391</b>	<b>689</b>	<b>425</b>	<b>506</b>

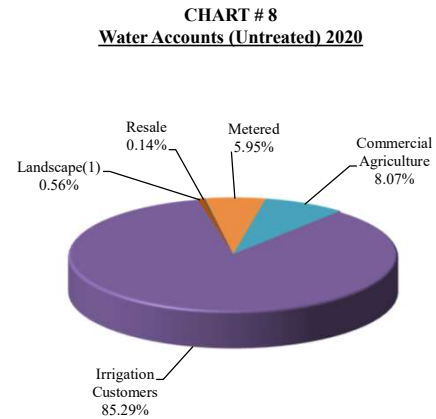
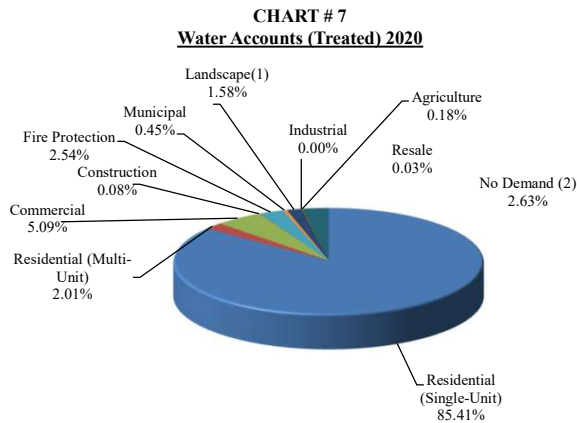
(1) Includes golf courses, parks, and landscape greenbelt areas that are metered separately.

(2) Accounts that have paid the water connection charge, if applicable, and are paying monthly service and renewal and replacement charges but are not consuming water.

(3) On October 1, 2015, the Agency's Eastern Water System - Zone 4 was transferred to Northstar Community Services District, resulting in a reduction of 1,455 treated water customer accounts.

(4) In 2016, New Connections (EDU's) for certain years were restated to include EDU's from the WCC payment program.

Source: Placer County Water Agency, Customer Service Department



**PLACER COUNTY WATER AGENCY**  
**TABLE # 7**  
**Principal Water Users**  
**Years Ended December 31, 2011 and 2020**

Customer	2011				2020			
	Amount Billed (1)	Percent of Water Billed	Usage in Acre Feet	Percent of Water Sold	Amount Billed (1)	Percent of Water Billed	Usage in Acre Feet	Percent of Water Sold
City of Lincoln	\$ 5,276,910	13.53%	6,815	6.13%	\$ 8,364,612	15.15%	9,834	7.29%
Cal American Water	859,349	2.20%	805	0.72%	1,291,004	2.34%	1,665	1.23%
City of Rocklin	592,137	1.52%	707	0.64%	182,732	0.33%	1,400	1.04%
Rocklin Unified School District	375,225	0.96%	440	0.40%	818,980	1.48%	1,170	0.87%
Rio Bravo Rocklin	211,286	0.54%	405	0.36%	64,380	0.12%	467	0.35%
United Auburn Indian Community	209,913	0.54%	323	0.29%	258,318	0.47%	450	0.33%
Placer County Facility Service	182,380	0.47%	201	0.18%	518,335	0.94%	407	0.30%
Randall Realty Corporation	172,160	0.44%	113	0.10%	51,431	0.09%	355	0.26%
Stamas Corp Inc	156,903	0.40%	101	0.09%	95,944	0.17%	312	0.23%
Demmon Meridian Partnership LP	145,037	0.37%	94	0.08%	176,446	0.32%	240	0.18%
Total Principal Water Users	\$ 8,181,302	20.98%	10,005	9.00%	\$ 11,822,181	21.41%	16,300	12.08%
Total all Users	\$ 38,997,459	100.00%	111,122	100.00%	\$ 55,201,923	100.00%	134,901	100.00%

(1) Amount billed includes commodity water sales, monthly service charges, customer service charges, renewal & replacement charges, and raw water surcharge.

Source: Placer County Water Agency, Customer Service Department

**PLACER COUNTY WATER AGENCY**

**TABLE # 8**  
**Metered Service Fixed Rates (1)**  
**Last Ten Years**

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>Metered Service - Treated Water</b>										
Monthly Service Charge (meter size)										
5/8-inch	\$ 14.20	14.20	14.20	15.80	16.88	17.08	17.34	17.92	18.55	19.09
3/4-inch	20.09	20.29	20.29	22.36	23.88	24.17	24.53	25.14	26.02	26.77
1-inch	27.49	27.49	27.49	30.60	32.67	33.06	33.56	39.58	40.97	42.16
1-1/2-inch	44.28	44.28	44.28	49.28	52.63	53.26	54.06	75.68	78.33	80.60
2-inch	77.28	77.28	77.28	86.01	91.87	92.97	94.36	119.00	123.17	126.74
3-inch	143.48	143.48	143.48	159.69	170.55	172.60	175.19	256.18	265.15	272.84
4-inch	200.06	200.06	200.06	222.67	237.81	240.66	244.27	436.68	451.96	465.07
6-inch	401.62	401.62	401.62	447.00	477.40	483.13	490.38	978.18	1,012.42	1,041.78
8-inch	688.66	688.66	688.66	766.48	818.60	828.42	840.85	1,158.68	1,199.23	1,234.01
12-inch	1,076.03	1,076.03	1,076.03	1,197.62	1,279.08	1,294.43	1,313.85	(2)	(2)	(2)
16-inch	1,548.20	1,548.20	1,548.20	1,723.15	1,840.35	1,862.43	1,890.37	(2)	(2)	(2)
18-inch	1,784.28	1,784.28	1,784.28	1,985.90	2,120.97	2,146.42	2,178.62	(2)	(2)	(2)
<b>Renewal &amp; Replacement</b>										
5/8-inch	13.00	13.00	13.00	14.75	15.86	16.05	16.29	17.74	18.36	18.89
3/4-inch	19.50	19.50	19.50	22.13	23.79	24.08	24.44	26.61	27.54	28.34
1-inch	32.50	32.50	32.50	36.89	39.66	40.14	40.74	44.35	45.90	47.23
1-1/2-inch	65.00	65.00	65.00	73.78	79.32	80.27	81.47	88.70	91.80	94.46
2-inch	104.00	104.00	104.00	118.04	126.91	128.43	130.36	141.92	146.89	151.15
3-inch	208.00	208.00	208.00	236.08	253.83	256.88	260.73	310.45	321.32	330.64
4-inch	325.00	325.00	325.00	368.88	396.61	401.37	407.39	532.20	550.83	566.80
6-inch	650.00	650.00	650.00	737.75	793.21	802.73	814.77	1,197.45	1,239.36	1,275.30
8-inch	3,120.00	3,120.00	3,120.00	3,541.20	3,807.40	3,853.09	3,910.89	1,419.20	1,468.87	1,511.47
12-inch	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
18-inch	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
<b>Metered Service - Untreated Water</b>										
Monthly Service Charge										
5/8-inch	8.90	8.90	8.90	9.67	10.25	10.37	10.53	9.14	9.46	9.73
3/4-inch	10.25	10.25	10.25	11.14	11.81	11.95	12.13	12.15	12.58	12.94
1-inch	12.77	12.77	12.77	13.88	14.71	14.89	15.11	18.17	18.81	19.36
1-1/2-inch	17.85	17.85	17.85	19.40	20.56	20.81	21.12	33.22	34.38	35.38
2-inch	27.26	27.26	27.26	29.63	31.41	31.79	32.27	51.28	53.07	54.61
3-inch	47.95	47.95	47.95	52.12	55.24	55.90	56.74	108.47	112.27	115.53
4-inch	69.64	69.64	69.64	75.70	80.22	81.18	82.40	183.72	190.15	195.66
6-inch	116.79	116.79	116.79	126.95	134.54	136.15	138.19	409.47	423.80	436.09
8-inch	186.87	186.87	186.87	203.13	215.28	217.86	221.13	484.72	501.69	516.24
10-inch	(3)	(3)	(3)	(3)	(3)	(3)	(3)	1,146.92	1,187.06	1,221.48
Renewal & Replacement (4)	6.87	6.87	6.87	7.78	8.38	8.48	8.61	8.98	9.29	9.56
<b>General Irrigation - Untreated Water</b>										
Monthly Service Charge	(5)	(5)	(5)	(5)	(5)	(5)	(5)	5.24	5.42	5.58
Renewal & Replacement	(5)	(5)	(5)	(5)	(5)	(5)	(5)	5.24	5.42	5.58
<b>Private Fire Protection Service</b>										
Monthly Service Charge										
1-inch	(6)	(6)	(6)	(6)	(6)	(6)	(6)	0.29	0.30	0.31
2-inch	18.54	18.54	18.54	18.82	18.82	18.82	18.82	1.77	1.83	1.88
3-inch	21.43	21.43	21.43	21.75	21.75	21.75	21.75	5.13	5.31	5.46
4-inch	23.80	23.80	23.80	24.16	24.16	24.16	24.16	10.93	11.31	11.64
6-inch	29.66	29.66	29.66	30.10	30.10	30.10	30.10	31.73	32.84	33.79
8-inch	56.34	56.34	56.34	57.19	57.19	57.19	57.19	67.60	69.97	72.00
10-inch	99.25	99.25	99.25	100.74	100.74	100.74	100.74	121.57	125.85	129.47
12-inch	158.92	158.92	158.92	161.30	161.30	161.30	161.30	196.37	203.24	209.13
14-inch	(6)	(6)	(6)	(6)	(6)	(6)	(6)	294.54	304.85	313.69
16-inch	353.60	353.60	353.60	358.90	358.90	358.90	358.90	418.46	433.11	445.67

- (1) Retail customers only. For years 2011-2017 rates are for the Zone 1 Water System service area. The Agency's Zone 1 Water System comprised 97% of total water customers, water flow and total water sales revenue, and therefore had the most significant impact on determining fees & charges. Beginning in 2018 the rates are for Zone 6 which is the consolidation of the Western Water System Zones 1, 2, 3, and 5.
- (2) Charges for meters larger than 8 inches shall be determined based on the applicant's estimated maximum day demand set forth in the applicant's application for treated water service, then recalculated based on use.
- (3) A 10-inch meter was added to the fee structure beginning in 2018.
- (4) For years 2011-2017 this was called Capital Facilities Surcharge.
- (5) General Irrigation was added to the fee schedule beginning in 2018.
- (6) A 1-inch and 14-inch meter were added to the fee structure beginning in 2018.

Source: Placer County Water Agency, Rules, Regulations, Rates and Charges Governing the Distribution and Use of Water, produced annually.

**PLACER COUNTY WATER AGENCY**

**TABLE # 9**

**Commodity Rates for Treated Water (1)  
Last Ten Years**

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>Metered Services (2)</b>										
Residential & Multi Dwelling (3)										
Tier 1	\$ 1.25	1.25	1.25	1.33	1.40	1.42	1.44	1.52	1.52	1.56
Tier 2	1.35	1.35	1.35	1.44	1.51	1.53	1.55	1.72	1.72	1.77
Tier 3	1.44	1.44	1.44	1.53	1.61	1.63	1.65	1.84	1.84	1.89
Tier 4	1.55	1.55	1.55	1.65	1.73	1.75	1.78	(3)	(3)	(3)
Tier 5	1.65	1.65	1.65	1.75	1.84	1.86	1.89	(3)	(3)	(3)
Tier 6	1.92	1.92	1.92	2.04	2.15	2.18	2.21	(3)	(3)	(3)
Tier 7	2.16	2.16	2.16	2.30	2.41	2.44	2.48	(3)	(3)	(3)
Commercial & Governmental (4)										
Tier 1	1.28	1.28	1.28	1.36	1.43	1.45	1.47	1.62	1.62	1.67
Tier 2	1.31	1.31	1.31	1.39	1.46	1.48	1.50	(4)	(4)	(4)
Tier 3	1.35	1.35	1.35	1.44	1.51	1.53	1.55	(4)	(4)	(4)
Landscape (5)										
Per 100 CF	(5)	(5)	(5)	(5)	(5)	(5)	(5)	1.72	1.72	1.77
Special Rates (6)										
Tier 1	1.25	1.25	1.25	1.33	1.40	1.42	1.44	1.52	1.52	1.56
Tier 2	1.35	1.35	1.35	1.44	1.51	1.53	1.55	1.72	1.72	1.77
Tier 3	1.44	1.44	1.44	1.53	1.61	1.63	1.65	0.19	0.19	0.20
Tier 4	1.55	1.55	1.55	1.65	1.73	1.75	1.78	(6)	(6)	(6)
Tier 5	0.12	0.12	0.12	0.13	0.13	0.13	0.13	(6)	(6)	(6)
Tier 6	0.10	0.10	0.10	0.11	0.11	0.11	0.11	(6)	(6)	(6)
Tier 7	0.10	0.10	0.10	0.11	(6)	(6)	(6)	(6)	(6)	(6)
Temporary Construction (7)										
Tier 1	2.56	2.56	2.56	2.72	2.86	2.90	2.94	3.24	3.24	3.33
Tier 2	2.62	2.62	2.62	2.78	2.92	2.96	3.00	(7)	(7)	(7)
Tier 3	2.70	2.70	2.70	2.88	3.02	3.06	3.10	(7)	(7)	(7)
Tier 4	2.70	2.70	2.70	2.88	3.02	3.06	3.10	(7)	(7)	(7)

- (1) Retail customers only. For years 2011-2017 rates are for the Zone 1 Water System service area. The Agency's Zone 1 Water System comprised 97% of total water customers, water flow and total water sales revenue, and therefore had the most significant impact on determining fees & charges. Beginning in 2018 the rates are for Zone 6 which is the consolidation of the Western Water System Zones 1, 2, 3, and 5.
- (2) Commodity rates are per 100 cubic feet.
- (3) Prior to 2018 this was called Residential. The commodity tier structure for years 2011-2017 are as follows: Tier 1 first 400 CF, Tier 2 next 600 CF, Tier 3 next 1,000 CF, Tier 4 next 2,000 CF, Tier 5 next 1,800 CF, Tier 6 next 1,900 CF, Tier 7 over 7,700 CF. Beginning in 2018 the tier structure changed to Tier 1 first 900 CF, Tier 2 next 1,900 CF and Tier 3 over 2,800 CF.
- (4) Prior to 2018 this was called Non-Residential. The commodity tier structure for years 2011-2017 are as follows: Tier 1 first 50,000 CF, Tier 2 next 450,000 CF, Tier 3 over 500,000 CF. Beginning in 2018 the structure changed to per 100 CF.
- (5) New to the fee structure beginning in 2018. For years 2011-2017 this fell into the Non-Residential class.
- (6) Special rates are for customers involuntarily deprived of untreated water service. The tier structure for years 2011-2014 are as follows: Tier 1 first 400 CF, Tier 2 next 600 CF, Tier 3 next 1,000 CF, Tier 4 next 2,000 CF, Tier 5 next 61,000 CF, Tier 6 next 65,000 CF, Tier 7 over 130,000 CF. In 2015, the rate structure changed. Beginning in 2018, the tier structure changed to Tier 1 first 900 CF, Tier 2 next 1,900 CF and Tier 3 over 2,800 CF.
- (7) The commodity tier structure for years 2011-2017 are as follows: Tier 1 first 50,000 CF, Tier 2 next 450,000 CF, Tier 3 next 500,000 CF, Tier 4 over 1,000,000 CF. Beginning in 2018 the structure changed to per 100 CF.

\* Water use per tier (cubic-feet) varies on an annual basis.

Source: Placer County Water Agency, Rules, Regulations, Rates and Charges Governing the Distribution and Use of Water, produced annually.

**PLACER COUNTY WATER AGENCY**

**TABLE # 10**

**Commodity Rates for Untreated Water (1)  
Last Ten Years**

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b><u>Metered Services (2)</u></b>										
Tier 1	\$ 0.38	0.38	0.38	0.41	0.44	0.45	0.46	0.19	0.19	0.20
Tier 2	0.36	0.36	0.36	0.39	0.42	0.43	0.44	(2)	(2)	(2)
Tier 3	0.29	0.29	0.29	0.32	0.34	0.34	0.35	(2)	(2)	(2)
<b><u>Non-Metered Services (Miner's Inches) (MI) (3)</u></b>										
General Irrigation Service (Winter) (4)										
Tier 1	31.09	31.09	31.09	33.79	35.82	36.25	36.79	74.50	74.50	76.66
Tier 2	62.18	62.18	62.18	67.59	71.63	72.49	73.58	(4)	(4)	(4)
Tier 3	63.67	63.67	63.67	69.21	73.35	74.23	75.34	(4)	(4)	(4)
Tier 4	63.97	63.97	63.97	69.54	73.70	74.58	75.70	(4)	(4)	(4)
General Irrigation Service (Summer) (4)										
Tier 1	28.11	28.11	28.11	30.56	32.39	32.78	33.27	62.58	62.58	64.39
Tier 2	51.44	51.44	51.44	55.92	59.26	59.97	60.87	(4)	(4)	(4)
Tier 3	53.71	53.71	53.71	58.38	61.87	62.61	63.55	(4)	(4)	(4)
Tier 4	54.71	54.71	54.71	59.47	63.03	63.79	64.75	(4)	(4)	(4)
Commercial Agriculture (Winter)										
First MI	50.23	50.23	50.23	54.60	57.87	58.56	59.44	(5)	(5)	(5)
Over 1 MI	51.21	51.21	51.21	55.67	59.00	59.71	60.61	(5)	(5)	(5)
Commercial Agriculture (Summer)										
First MI	50.01	50.01	50.01	54.36	57.62	58.31	59.18	(5)	(5)	(5)
2nd MI	48.97	48.97	48.97	53.23	56.42	57.10	57.96	(5)	(5)	(5)
3rd MI	44.22	44.22	44.22	48.07	50.95	51.56	52.33	(5)	(5)	(5)
4th MI	39.48	39.48	39.48	42.91	45.48	46.03	46.72	(5)	(5)	(5)
5-9 MI	36.32	36.32	36.32	39.48	41.84	42.34	42.98	(5)	(5)	(5)
10-60 MI	33.16	33.16	33.16	36.04	38.20	38.66	39.24	(5)	(5)	(5)
Over 60 MI	27.37	27.37	27.37	29.75	31.53	31.91	32.39	(5)	(5)	(5)

- (1) Retail customers only. For years 2011-2017 rates are for the Zone 1 Water System service area. The Agency's Zone 1 Water System comprised 97% of total water customers, water flow and total water sales revenue, and therefore had the most significant impact on determining fees & charges. In 2018 the rates are for Zone 6 which is the consolidation of the Western Water System Zones 1, 2, 3, and 5.
- (2) Commodity rates are per 100 cubic feet. The tier structure from 2011-2017 was as follows: Tier 1 first 3,000 CF, Tier 2 next 7,000 CF, Tier 3 over 10,000 CF. Beginning in 2018 the structure changed to per 100 CF.
- (3) Non-metered services of untreated water are delivered in Miners' Inches. One Miner's Inch is equal to 11.22 gallons per minute. The Summer irrigation season is defined as the period of April 15 through October 15, both inclusive, of each year. Rates are per Miner's Inch.
- (4) For years 2011-2017 the tier structure was Tier 1 first 1/2 MI, Tier 2 first MI, Tier 3 2-9 MI and Tier 4 over 9 MI. Beginning in 2018 the structure changed to per Miner's Inch.
- (5) Beginning in 2018 the classes of Commercial Agriculture Winter and Summer were consolidated into the General Irrigation rate schedule.

\* Water use per tier varies on an annual basis. Actual ranges of cubic-feet/miner's inches differ slightly.

Source: Placer County Water Agency, Rules, Regulations, Rates and Charges Governing the Distribution and Use of Water, produced annually.

**PLACER COUNTY WATER AGENCY**  
**TABLE # 11**  
**Schedule of Other Water System Fees Charges (1)**  
**Last Ten Years**

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>Water Connection Charge (WCC)</b>										
Zone 6 Service Area (Lower)	\$16,073.00	16,206.00	16,444.00	17,307.00	17,307.00	17,712.00	18,867.00	18,867.00	19,339.00	19,339.00
<b>Meters and Service Connections (2)</b>										
Installation of Meter to Existing Svc										
5/8" x 3/4"	130.00	130.00	130.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00
3/4"	130.00	130.00	130.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00
1"	130.00	130.00	130.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00
1 1/2"	130.00	130.00	130.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00
2" or larger	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost
Installation of Service Lateral & Meter										
5/8" x 3/4"	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost
3/4"	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost
1"	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost
1 1/2"	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost
2" or larger	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost
<b>Other Miscellaneous Fees and Charges</b>										
Backflow Prevention Device Test Charge	109.00	109.00	109.00	109.00	109.00	109.00	109.00	109.00	109.00	109.00
Canal Flow Rate Change										
No Field Trip Required	16.00	16.00	16.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
Field Trip Required	67.00	67.00	67.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
After Hours Charge	119.00	119.00	119.00	140.00	140.00	140.00	140.00	140.00	140.00	165.00
Delinquent Payment Charge (3)	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%
Door Tag Charge	26.00	26.00	26.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Fire Flow Information Charge	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost
Facility Tampering Charge										
First Occurrence	250.00	250.00	250.00	250.00	250.00	250.00	250.00	250.00	250.00	250.00
Second Occurrence	250.00	250.00	250.00	250.00	250.00	250.00	250.00	250.00	250.00	250.00
Third Occurrence	250.00	250.00	250.00	250.00	250.00	250.00	250.00	250.00	250.00	250.00
Meter Reread Charge	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
Meter Test and Repair Deposit/Charge	62.00	62.00	62.00	62.00	62.00	62.00	62.00	62.00	62.00	62.00
Service Set-up Charge										
No Field Trip Required	16.00	16.00	16.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
Field Trip Required	36.00	36.00	36.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00
After Hours Charge	119.00	119.00	119.00	140.00	140.00	140.00	140.00	140.00	140.00	165.00
Project Application Charge	109.00	109.00	109.00	140.00	140.00	140.00	140.00	140.00	140.00	140.00
Pressure Test Charge	88.00	88.00	88.00	95.00	95.00	95.00	95.00	95.00	95.00	95.00
Reconnection Charge (4)										
Treated Services	47.00	47.00	47.00	55.00	55.00	55.00	55.00	55.00	55.00	75.00
Untreated Services	67.00	67.00	67.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00
Water Shutoff Protection Act (WSPA)	-	-	-	-	-	-	-	-	-	50.00
After Hours Charge	119.00	119.00	119.00	140.00	140.00	140.00	140.00	140.00	140.00	165.00
WSPA - After Hours Charge	-	-	-	-	-	-	-	-	-	150.00
Returned Check Charge	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00
Temporary Construction Water Svc										
Permit Fee	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00
Connection Charge	104.00	104.00	104.00	104.00	104.00	104.00	104.00	104.00	104.00	104.00
Variances and Waivers of Rules and Regulations or Rates	187.00	187.00	187.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00
Water Service Written Estimate	109.00	109.00	109.00	109.00	109.00	109.00	109.00	109.00	109.00	109.00
WCC - Installment Payment										
Processing Fee	182.00	182.00	182.00	184.00	184.00	184.00	184.00	184.00	184.00	184.00
Certification of Cross Connection Control (Backflow) Charge (5)	1.70	1.70	1.70	1.75	1.75	1.75	1.75	1.75	1.75	1.75
Certification of Domestic Water Source (Constructed Conveyance) Charge (6)	4.11	4.11	4.11	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Water Waste Charge (3rd & 4th occurrence)	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00

- (1) For years 2011-2017 rates are for the Zone 1 Water System service area. The Agency's Zone 1 Water System comprised 97% of total water customers, water flow and total water sales revenue, and therefore had the most significant impact on determining fees & charges. Beginning in 2018 the rates are for Zone 6 which is the consolidation of the Western Water System Zones 1, 2, 3, and 5.
- (2) Time and Materials and meters/parts are charged to customer in addition to Meter Set and Installation Charge.
- (3) Delinquent Payment Charge is a percentage of the delinquent amount on a balance greater than \$20. Established in 2002.
- (4) Reconnection Charge starts at amount listed with a graduated penalty of \$10 per occurrence within a 12 month period.
- (5) Certification of Cross Connection Control (Backflow) Charge is a monthly charge per assembly.
- (6) Certification of Domestic Water Source (Constructed Conveyance) Charge is a monthly charge per account.

Source: Placer County Water Agency, Rules, Regulations, Rates and Charges Governing the Distribution and Use of Water, produced annually.

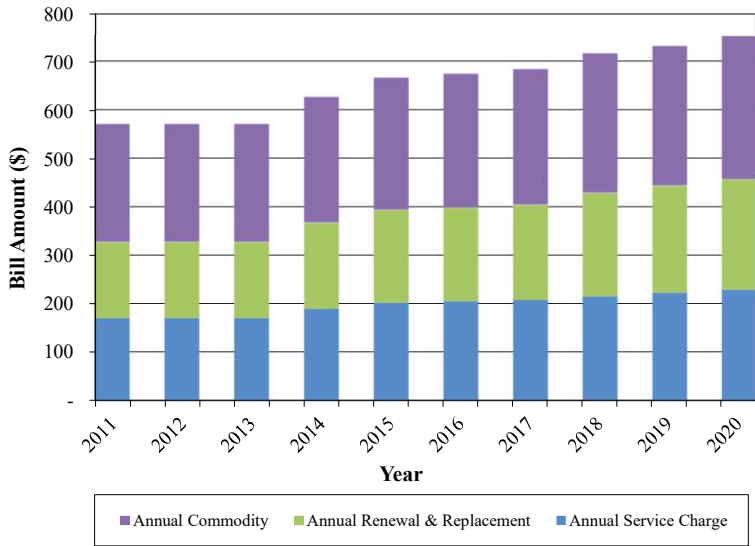
**PLACER COUNTY WATER AGENCY**  
**TABLE # 12**  
**Average Annual Water Bill\* and Effective Rate Increase**  
**Last Ten Years**

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Annual Service Charge	\$ 170.40	170.40	170.40	189.60	202.56	204.96	208.08	215.04	222.60	229.08
Annual Renewal & Replacement	156.00	156.00	156.00	177.00	190.32	192.60	195.48	212.88	220.32	226.68
Annual Commodity	243.60	243.60	243.60	259.32	272.52	276.12	279.72	288.00	288.00	295.92
Annual Water Billed Amount	\$ 570.00	570.00	570.00	625.92	665.40	673.68	683.28	715.92	730.92	751.68
Effective Rate Increase	0.00%	0.00%	0.00%	9.81%	6.31%	1.24%	1.43%	4.78%	2.10%	2.84%

\* Annual bill amount is based on water use of an average household using 18,000 cubic feet per year (the equivalent of 11,220 gallons per month) with a 5/8" meter. For years 2011-2017 rates are based on the Zone 1 Water System treated water rates, as the Agency's Zone 1 Water System comprised 97% of customers, water flow and water sales revenue. Beginning in 2018 rates are based on Zone 6 which is the consolidation of the Western Water System Zones 1, 2, 3, and 5. The Agency's practice is to bill on a bi-monthly basis.

Source: Placer County Water Agency, Customer Service Department

**CHART #9**  
**Average Household Annual Water Bill**





**PLACER COUNTY WATER AGENCY**

**TABLE # 13  
Schedule of Outstanding Debt  
Last Ten Years**

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>Water Division</b>										
<b>Certificates of Participation</b>										
1999 Certificates	\$ 655,000	-	-	-	-	-	-	-	-	-
2003 Certificates	10,570,000	9,885,000	-	-	-	-	-	-	-	-
2007 Certificates	31,250,000	30,570,000	29,860,000	29,120,000	28,355,000	830,000	-	-	-	-
2008 Certificates	38,815,000	38,265,000	37,005,000	35,705,000	34,355,000	32,940,000	31,470,000	-	-	-
2013 Certificates	-	-	8,100,000	7,445,000	6,755,000	6,040,000	5,290,000	4,515,000	3,695,000	2,835,000
2016 Certificates	-	-	-	-	-	24,840,000	24,840,000	24,055,000	23,230,000	22,370,000
2018 Certificates	-	-	-	-	-	-	-	23,235,000	22,200,000	21,120,000
Certificates Outstanding	81,290,000	78,720,000	74,965,000	72,270,000	69,465,000	64,650,000	61,600,000	51,805,000	49,125,000	46,325,000
<b>Loans Payable</b>										
EDA Community Emergency Drought Loans	80,168	67,817	-	-	-	-	-	-	-	-
State Department of Water Resources Loans:										
Dutch Flat Terrace	7,355	5,608	3,803	1,936	-	-	-	-	-	-
Alta/Monte Vista (SWTR)	174,645	141,738	107,845	72,945	37,007	-	-	-	-	-
King/Delmar	181,665	167,525	152,945	137,923	122,443	-	-	-	-	-
Applegate	351,465	325,505	298,737	271,158	242,737	-	-	-	-	-
State Water Resources Control Board:										
Auburn Water Treatment Plant	17,969,367	17,124,158	16,259,462	15,374,832	14,469,806	13,543,916	12,596,680	11,627,606	10,636,191	9,621,919
Electric Street Tank	-	1,259,537	7,395,132	7,766,550	7,644,579	7,332,473	7,010,507	6,681,082	6,344,025	5,999,159
Loans Outstanding	18,764,665	19,091,888	24,217,924	23,625,344	22,516,572	20,876,389	19,607,187	18,308,688	16,980,216	15,621,078
<b>Improvement District (ID) Debt (1)</b>										
ID No. 10 - Aguilar Road (2)	1,134	1,134	1,134	1,134	1,134	1,134	1,134	1,134	1,134	1,134
ID No. 11 - Lakeshore (2)	1,195	1,195	1,195	1,195	1,195	1,195	1,195	1,195	1,195	1,195
ID No. 36 - Highway 174	34,867	28,916	22,797	16,507	10,041	-	-	-	-	-
Improvement District Debt Outstanding	37,196	31,245	25,126	18,836	12,370	2,329	2,329	2,329	2,329	2,329
<b>Subtotal Water Division Debt Outstanding</b>	<b>100,091,861</b>	<b>97,843,133</b>	<b>99,208,050</b>	<b>95,914,180</b>	<b>91,993,942</b>	<b>85,528,718</b>	<b>81,209,516</b>	<b>70,116,017</b>	<b>66,107,545</b>	<b>61,948,407</b>
<b>Power Division</b>										
<b>Revenue Bonds</b>										
Middle Fork Project Revenue Bonds, Series A (3)	5,155,000	2,425,000	-	-	-	-	-	-	-	-
<b>Subtotal Power Division Debt Outstanding</b>	<b>5,155,000</b>	<b>2,425,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Subtotal Agency Debt Outstanding	105,246,861	100,268,133	99,208,050	95,914,180	91,993,942	85,528,718	81,209,516	70,116,017	66,107,545	61,948,407
Plus: Unamortized bond discounts & premiums	(588,103)	(550,598)	(1,457,906)	(1,415,350)	(1,365,042)	3,379,208	3,108,563	6,242,573	5,437,686	4,681,002
Deferred Amount of Refunding	(2,940,053)	(2,690,180)	-	-	-	-	-	-	-	-
<b>Total PCWA Long-Term Debt</b>	<b>\$ 101,718,705</b>	<b>97,027,355</b>	<b>97,750,144</b>	<b>94,498,830</b>	<b>90,628,900</b>	<b>88,907,926</b>	<b>84,318,079</b>	<b>76,358,590</b>	<b>71,545,231</b>	<b>66,629,409</b>
<b>Per Customer</b>	<b>2,627</b>	<b>2,503</b>	<b>2,485</b>	<b>2,367</b>	<b>2,295</b>	<b>2,191</b>	<b>2,055</b>	<b>1,829</b>	<b>1,695</b>	<b>1,554</b>
Number of Customer Accounts	38,720	38,761	39,338	39,924	39,489	40,574	41,037	41,749	42,219	42,873

(1) Improvement District (ID) Debt is the responsibility of the individual improvement district and the principal and interest are payable solely from the property assessments levied. In 2002, PCWA formed ID 37 - Merry Knoll. This improvement district was funded by a combination of a County of Placer grant and an internal loan, therefore no debt is reported in the audited financials.

(2) Certain ID No. 10 & 11 warrants have not been presented for payment, hence they remain as a liability.

(3) The revenue bonds were payable, both principal and interest, from revenues of the Middle Fork Project. These bonds were secured by water revenues, however, pursuant to the 1963 power sales agreement with Pacific Gas & Electric Company, the debt service payments were made by PG&E. These bonds were paid off in 2013.

Source: Placer County Water Agency, Audited Financial Statements

**PLACER COUNTY WATER AGENCY**

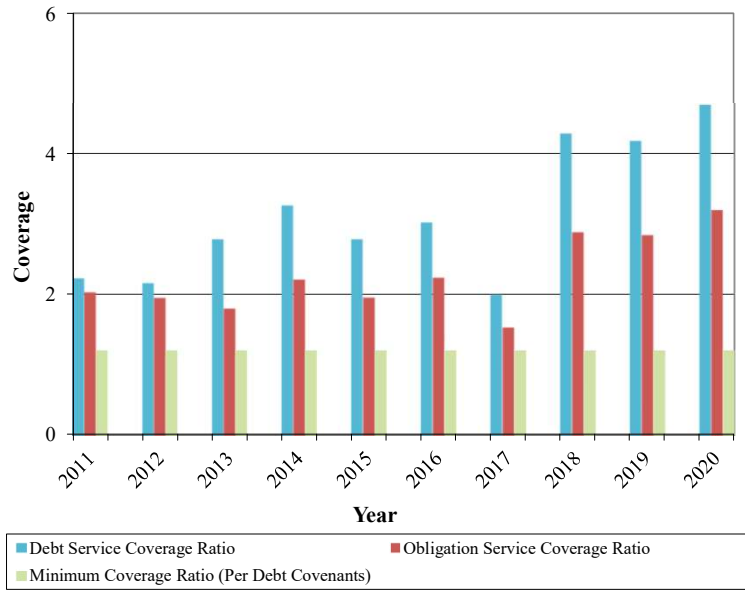
**TABLE # 14  
Debt Service Coverage  
Western Water System  
Last Ten Years**

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>Debt Service Coverage</b>										
Net Water Revenues, Excluding Depreciation	\$ 17,103,644	16,556,036	21,373,589	24,528,189	21,643,996	24,579,374	15,032,916	29,666,240	28,003,145	31,338,876
Debt Service on Certificates and Other Parity Debt	<u>7,693,180</u>	<u>7,686,422</u>	<u>7,691,417</u>	<u>7,530,692</u>	<u>7,789,271</u>	<u>8,145,242</u>	<u>7,551,458</u>	<u>6,933,057</u>	<u>6,711,853</u>	<u>6,684,278</u>
<b>Debt Service Coverage Ratio</b>	<u>2.22</u>	<u>2.15</u>	<u>2.78</u>	<u>3.26</u>	<u>2.78</u>	<u>3.02</u>	<u>1.99</u>	<u>4.28</u>	<u>4.17</u>	<u>4.69</u>
<b>Minimum Coverage Ratio (Per Debt Covenants)</b>	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
<b>Debt Service Coverage without Water Connection Charge Revenue (WCC) (1)</b>										
Net Water Revenues, Excluding Depreciation and WCC	16,704,076	14,908,062	16,371,317	15,142,575	11,647,026	12,755,209	7,236,941	19,281,137	20,312,986	22,608,620
Debt Service on Certificates and Other Parity Debt	<u>7,693,180</u>	<u>7,686,422</u>	<u>7,691,417</u>	<u>7,530,692</u>	<u>7,789,271</u>	<u>8,145,242</u>	<u>7,551,458</u>	<u>6,933,057</u>	<u>6,711,853</u>	<u>6,684,278</u>
<b>Debt Service Coverage Ratio</b>	<u>2.17</u>	<u>1.94</u>	<u>2.13</u>	<u>2.01</u>	<u>1.50</u>	<u>1.57</u>	<u>0.96</u>	<u>2.78</u>	<u>3.03</u>	<u>3.38</u>
<b>Obligation Service Coverage</b>										
Net Water Revenues, Excl. Depreciation as Adjusted by Water Purchases	17,787,085	17,178,193	22,207,287	27,111,750	24,698,293	28,542,358	18,885,163	33,921,568	31,995,007	36,109,341
Obligation Service	<u>8,793,905</u>	<u>8,836,422</u>	<u>12,373,218</u>	<u>12,306,128</u>	<u>12,660,216</u>	<u>12,796,273</u>	<u>12,381,458</u>	<u>11,803,057</u>	<u>11,293,853</u>	<u>11,309,768</u>
<b>Obligation Service Coverage Ratio</b>	<u>2.02</u>	<u>1.94</u>	<u>1.79</u>	<u>2.20</u>	<u>1.95</u>	<u>2.23</u>	<u>1.53</u>	<u>2.87</u>	<u>2.83</u>	<u>3.19</u>
<b>Certificate Reserve Requirement</b>										
Minimum Reserve Required	4,936,131	4,573,607	4,866,040	5,361,182	5,269,764	4,786,614	4,651,551	414,420	263,404	1,738,413
Actual Reserve Balance	<u>5,148,051</u>	<u>5,148,141</u>	<u>5,617,943</u>	<u>5,858,596</u>	<u>5,748,915</u>	<u>5,242,558</u>	<u>5,242,558</u>	<u>1,843,656</u>	<u>1,799,793</u>	<u>2,810,870</u>
<b>Reserve Requirement Coverage</b>	<u>1.04</u>	<u>1.13</u>	<u>1.15</u>	<u>1.09</u>	<u>1.09</u>	<u>1.10</u>	<u>1.13</u>	<u>4.45</u>	<u>6.83</u>	<u>1.62</u>

(1) For presentation purposes, the debt service coverage is presented without Water Connection Charge Revenue. Water Connection Charge Revenue is the primary reason for the annual variance in these ratios. The Agency has experienced substantial variances from year-to-year due to varying levels of development. In 2015, \$15 million of WCC Revenue was transferred into the Rate Stabilization and Capital Improvement Fund for future capacity infrastructure projects.

Source: Placer County Water Agency, Audited Financial Statements

**CHART #10  
Debt Coverage**



**PLACER COUNTY WATER AGENCY**

**TABLE # 15**

**Demographic and Economic Statistics  
Last Ten Years**

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>Placer County</b>										
Population	355,687	360,680	365,107	369,726	371,558	376,092	381,675	389,047	394,737	397,469
Annual % Change in Population	1.45%	1.40%	1.23%	1.27%	0.50%	1.22%	1.48%	1.93%	1.46%	0.69%
Total Personal Income (Millions)	\$ 17,312	19,004	20,174	20,229	21,659	22,969	24,527	26,223	27,459	*
Per Capita Personal Income	\$ 48,476	52,544	54,924	54,423	57,696	60,360	63,515	66,700	68,936	*
Unemployment Rate	10.8%	8.6%	6.5%	5.2%	4.6%	4.0%	3.1%	3.1%	2.7%	6.0%
<b>State of California</b>										
Population (Thousands)	37,578	37,826	38,204	38,499	39,071	39,354	39,613	39,818	39,959	40,129
Annual % Change in Population	0.70%	0.66%	1.00%	0.77%	1.49%	0.72%	0.66%	0.52%	0.35%	0.43%
Total Personal Income (Millions)	\$1,645,138	1,768,039	1,856,614	1,939,528	2,103,669	2,212,691	2,303,870	2,475,727	2,633,925	2,814,011
Per Capita Personal Income	\$ 43,647	46,477	48,434	49,985	53,741	56,308	58,272	62,586	66,661	71,480
Unemployment Rate	11.7%	9.7%	8.3%	6.7%	5.7%	5.0%	4.5%	4.1%	3.9%	9.1%

Source:

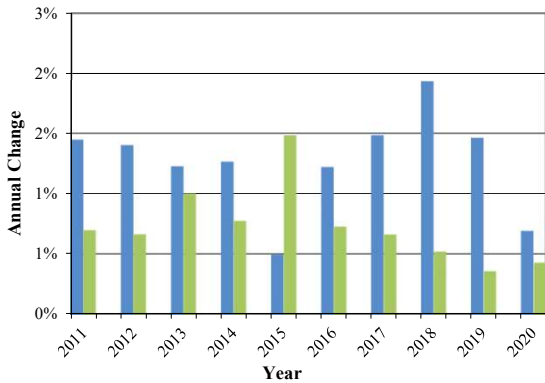
Population Data Source: California Department of Finance. Table E-2. Preliminary population as of July 1st of each year.

Unemployment Data Source: State of California, Employment Development Department. December 2020 Monthly Labor Force Data

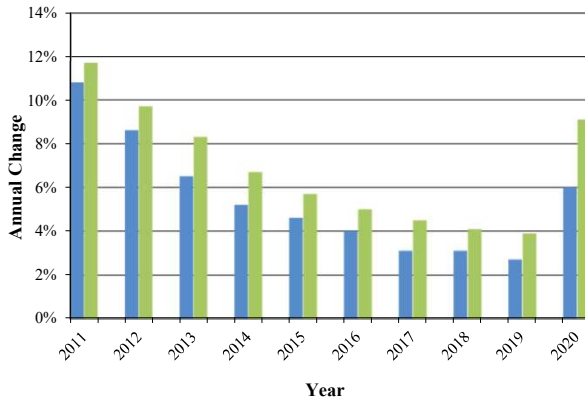
Personal Income Data Source: U.S. Department of Commerce: Bureau of Economic Analysis, Tables SA1-3 and CA1-3

\* At time of publication, data not available for time period.

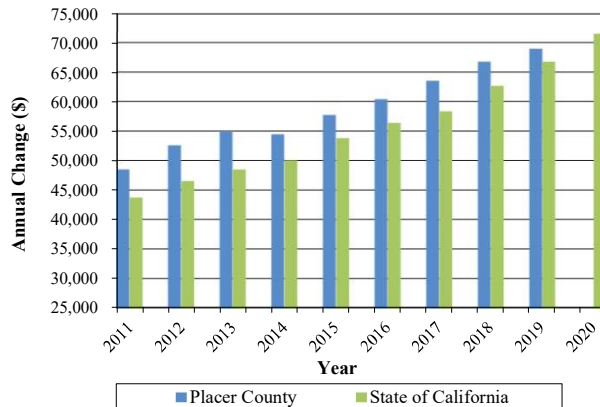
**CHART #11  
Annual Percentage Change in Population  
2011-2020**



**CHART #12  
Unemployment Rate  
2011-2020**



**CHART #13  
Per Capita Personal Income  
2011-2020**



**PLACER COUNTY WATER AGENCY**  
**TABLE # 16**  
**Principal Employers of Placer County**  
**Years Ended December 31, 2011 and 2020**

		2011		2020	
Company or Organization	Number of Employees	Percent of Total Employment	Company or Organization	Number of Employees	Percent of Total Employment
Hewlett-Packard Co.	3,500	2.24%	Kaiser Permanente	7,735	4.46%
Kaiser Permanente	3,147	2.01%	Sutter Health	7,242	4.17%
Placer County	2,400	1.54%	Squaw Valley Alpine Meadows	2,600	1.50%
Sutter Health	2,144	1.37%	Thunder Valley Casino Resort	2,500	1.44%
Thunder Valley Casino Resort	2,025	1.30%	Sierra Joint Community College District	2,100	1.21%
Union Pacific Railroad Co. Inc.	2,000	1.28%	Adventist Health	1,810	1.04%
Northstar-At-Tahoe	1,950	1.25%	Safeway	1,336	0.77%
City of Roseville	1,205	0.77%	PRIDE Industries	1,248	0.72%
Placer County Office of Education	1,004	0.64%	Hewlett Packard Enterprise Co.	1,200	0.69%
Raley's	1,000	0.64%	City of Roseville	1,150	0.66%
Total Largest Employers	20,375	13.04%	Total Largest Employers	28,921	16.66%
Total All Employers	156,200	100.00%	Total All Employers	173,600	100.00%

Source: Sacramento Business Journal - May 8, 2020  
Sacramento Business Journal - March 11, 2011  
State of California, Employment Development Department

**PLACER COUNTY WATER AGENCY**

**TABLE # 17**

**Personnel Trends by Agency Department  
Last Ten Years**

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>Department</b>										
General Manager's Office	2	2	2	2	2	2	2	2	2	2.5
Administrative Services (1)	10	17	17	15	18	19	20	17.5	8.5	9
Customer Services	29	30	30	30	30	30	31	33	33	33
Energy Marketing (2)	0	0	6	8	6	6	4	4	4	4
Field Services	52	52	53	54	54	54	53	54	54	56
Financial Services (1)	14	11	11	12	12	13	13	13.5	13.5	13.5
Legal Services	0	0	0	0	0	1	1	1	1	2
Power Systems	18	27	27	31	34	37	37	37	37	36
Strategic Affairs (2)	4	6	1	1	0	0	2	2	2	3
Technical Services (3)	51	53	53	57	59	60	61	62	72	73
<b>Total Employees</b>	<b>180</b>	<b>198</b>	<b>200</b>	<b>210</b>	<b>215</b>	<b>222</b>	<b>224</b>	<b>226</b>	<b>227</b>	<b>232</b>

(1) In October 2012 the ISS Division moved to Administrative Services Department from Financial Services.

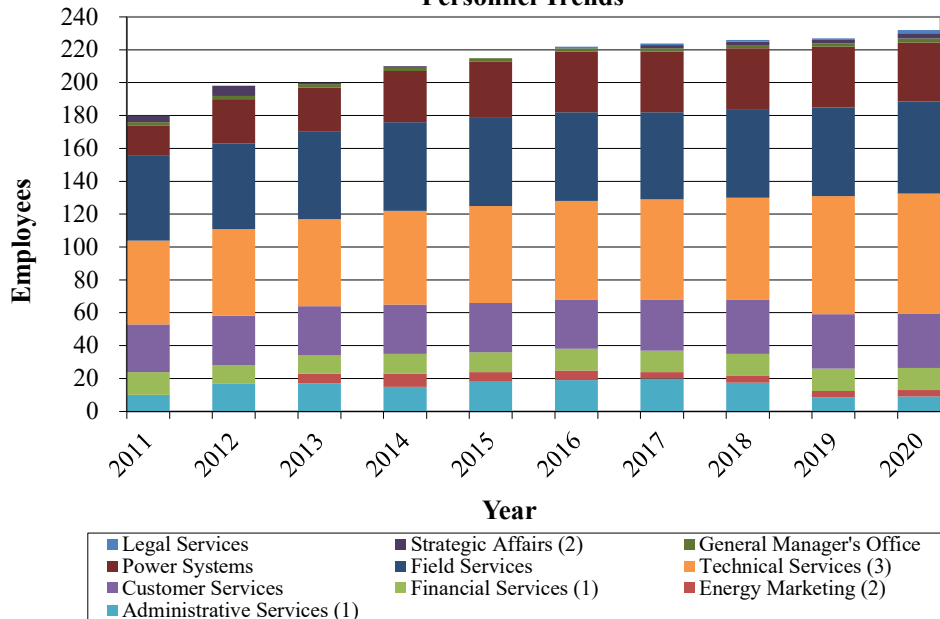
(2) The Resource Development Department was merged with Strategic Affairs for the period 2011-2012. Resource Development became its own department again in 2013. In 2015, the Strategic Affairs Department was eliminated and its functions incorporated into Resource Development. In 2017, Resource Development was bifurcated and its functions split into the new Energy Marketing department and the re-established Strategic Affairs. In 2020, Strategic Affairs was restructured, expanding the Strategic Affairs function and establishing the addition of a Director of Resource Management.

(3) In June 2019, Information Technology moved to Technical Services from Administrative Services.

Authorized positions are reported by department.

Source: Placer County Water Agency, Administrative Services Department

**CHART #14  
Personnel Trends**



**PLACER COUNTY WATER AGENCY**

**TABLE # 18**

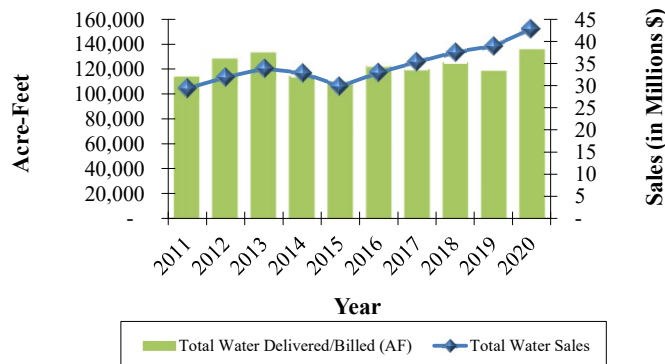
**Water and Power Operational Statistics  
Last Ten Years**

<b>WATER</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>
<b>Facilities</b>										
Miles of Main Line - Treated (6)	599	602	609	620	587	598	601	606	609	615
Miles of Canals - Untreated (Raw)	165	165	165	165	165	165	165	165	165	165
Number of Treatment Plants	8	8	8	8	8	8	8	8	8	8
Total Plant Capacity (MGD) (1)	81	83	80	84	84	84	85	85	85	82
Number of Pumping Stations (6)	16	16	18	18	15	15	15	15	15	14
Number of Storage Tanks (6)	35	32	32	32	27	26	26	26	24	24
<b>Water Received (in Acre-Feet):</b>										
Lake Spaulding via Drum Canal	65,455	85,974	99,406	57,916	57,049	86,073	79,119	85,449	80,454	90,214
American River (Middle Fork Project)	15,888	14,495	10,874	16,039	24,028	4,394	3,459	4,466	4,457	10,947
Canyon Creek	5,421	3,903	2,914	2,643	1,665	3,148	1,564	2,727	5,111	5,391
Zone 1 Groundwater	-	-	-	55	-	-	-	-	-	-
Nevada Irrigation District (Foothill)	1,123	1,298	1,920	1,641	1,497	571	1,288	1,430	1,244	1,517
Nevada Irrigation District (Rock Creek)	746	183	317	24	-	-	-	-	-	-
South Sutter Water District	-	-	-	-	-	580	-	-	-	-
PG&E Zone 3 Supply	9,781	9,182	10,007	8,713	8,647	7,712	10,267	11,049	9,000	7,347
Lahontan Domestic Well	80	103	95	130	91	-	-	-	-	-
<b>Total Supply</b>	<b>98,494</b>	<b>115,138</b>	<b>125,533</b>	<b>87,161</b>	<b>92,977</b>	<b>102,478</b>	<b>95,697</b>	<b>105,121</b>	<b>100,266</b>	<b>115,416</b>
<b>Water Delivered/Billed (Acre-Feet):</b>										
Treated Water Delivered	30,171	34,176	37,476	32,205	26,965	29,724	32,263	33,846	33,764	37,593
Treated Water % of Total	26.7%	26.8%	28.3%	28.3%	24.5%	24.4%	27.1%	27.1%	28.6%	27.9%
Untreated (Raw) Water Billed (2)	82,928	93,541	95,085	81,592	82,900	91,994	86,872	90,972	84,163	97,308
Untreated (Raw) Water % of Total	73.3%	73.2%	71.7%	71.7%	75.5%	75.6%	72.9%	72.9%	71.4%	72.1%
<b>Total Water Delivered/Billed</b>	<b>113,099</b>	<b>127,717</b>	<b>132,561</b>	<b>113,797</b>	<b>109,865</b>	<b>121,718</b>	<b>119,135</b>	<b>124,818</b>	<b>117,927</b>	<b>134,901</b>
Average Per Day (acre-feet)	310	350	363	312	301	333	326	342	323	370
<b>Sales (Millions):</b>										
Treated Water Sales	\$ 26.2	28.4	30.2	29.7	26.54	29.06	31.36	33.14	34.51	37.86
Treated Water % of Total	89.1%	89.0%	89.3%	90.3%	88.6%	88.2%	88.7%	88.1%	88.4%	88.5%
Untreated (Raw) Water Sales	\$ 3.2	3.5	3.6	3.2	3.40	3.90	3.98	4.49	4.51	4.94
Untreated (Raw) Water % of Total	10.9%	11.0%	10.7%	9.7%	11.4%	11.8%	11.3%	11.9%	11.6%	11.5%
<b>Total Water Sales</b>	<b>29.4</b>	<b>31.9</b>	<b>33.8</b>	<b>32.9</b>	<b>29.9</b>	<b>33.0</b>	<b>35.3</b>	<b>37.6</b>	<b>39.0</b>	<b>42.8</b>
<b>Billings, Collections &amp; Delinquencies:</b>										
Water Billings (3)	\$38,997,459	41,717,567	44,313,297	43,972,868	42,698,494	44,994,995	47,693,727	51,181,213	53,338,458	55,201,923
Collections	38,883,883	41,640,423	44,246,844	43,916,962	42,648,284	44,944,519	47,652,087	51,135,054	53,299,263	55,167,359
Uncollectible	113,576	77,144	66,453	55,906	50,210	50,476	41,640	46,159	39,195	34,564
Collection Percentage	99.71%	99.82%	99.85%	99.87%	99.88%	99.89%	99.91%	99.91%	99.93%	99.94%
<b>POWER</b>										
<b>Facilities:</b>										
Power Plants	5	5	5	5	5	5	5	5	5	5
Miles of Tunnels & Penstocks	24	24	24	24	24	24	24	24	24	24
Storage Reservoirs (4)	3	3	3	3	3	3	3	3	3	3
Annual Megawatt Hours (Millions) (5)	1.3	0.9	0.6	0.5	0.3	1.0	1.4	0.8	1.0	0.5

- (1) MGD = Million Gallons per Day. In 2013, the figure was adjusted to 80 to take into account restrictions in the delivery of raw water at one plant that reduces the total capacity by 3
- (2) Untreated (Raw) Water is amount billed, not necessarily delivered or consumed. Includes those customers purchasing in excess of current use to ensure availability for the future.
- (3) Water Billings includes the amount actually billed in the fiscal year, not the cash received. Includes water sales, monthly service charges, surcharges, renewal and replacement charges, certain other mandated costs, penalties and other similar charges.
- (4) Gross Storage Capacity (in Acre-Feet): French Meadows - 134,993; Hell Hole - 207,590; and Ralston Afterbay - 2,782.
- (5) Actual Power Production varies by year depending on outages for significant repairs or capital projects and hydrologic conditions.
- (6) In 2011, a new methodology utilizing a Geographic Information System (GIS) was used to determine the Total Miles of Main Line - Treated. In 2015, the facilities statistics reflect the transfer of Eastern Water System (Zone 4) assets to Northstar Community Services District.

Source: Placer County Water Agency

**CHART #15  
Water Sales and Acre-Feet Ordered**



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# Compliance Report

**Bowman Water Treatment Plant**







Board of Directors  
Placer County Water Agency  
Auburn, California

**Report on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance With *Government Auditing Standards***

**Independent Auditor's Report**

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of as of and for the year ended December 31, 2020, and the related notes to the financial statements, which collectively comprise Placer County Water Agency's (Agency) basic financial statements, and have issued our report thereon dated April 27, 2021.

**Internal Control Over Financial Reporting**

In planning and performing our audit of the financial statements, we considered the Agency's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Agency's internal control. Accordingly, we do not express an opinion on the effectiveness of the Agency's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A material weakness is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A significant deficiency is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

**Compliance and Other Matters**

As part of obtaining reasonable assurance about whether Placer County Water Agency's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements,

noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

**Purpose of this Report**

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

A handwritten signature in blue ink that reads "Davis Fan LP". The signature is written in a cursive, flowing style.

Irvine, California  
April 27, 2021



# Supplemental Schedules

Alta Water Treatment Plant







**PLACER COUNTY WATER AGENCY**  
**Unrestricted Net Position - Board Designated Reserves**  
**For the Fiscal Year Ended December 31, 2020**

**Agency Wide**

<b>Operational:</b>	
Contingencies	\$ 1,743,224
Operational	9,872,196
<b>Capital:</b>	
Routine Capital Replacement	869,359
Administration Building Maintenance and Improvements	935,656
System Replacement/Improvement	6,857,889
<b>Liabilities:</b>	
Compensated Absences	1,414,022
Insurance Claim Liability	271,487
Pension Liability	515,631
<b>Specific Activities &amp; Projects:</b>	
Water Entitlements/Water Rights Permit Extension	1,355,889
Catastrophic Event	2,001,748
Regional Reliability Program	3,809,615
Next Generation ERP System	249,952
Regulatory/Legal	2,769,674
Stewardship Matters	1,841,638
Financial Assistance Program	70,983
<b>Total Agency Wide - Board Designated Reserves</b>	<b>\$ 34,578,963</b>

**Water Division**

<b>Operational:</b>	
Contingencies	\$ 2,919,388
Operational	7,487,185
Revenue Volatility	4,901,592
Energy Volatility	2,184,239
<b>Capital:</b>	
Building and Facilities Maintenance and Improvements	826,147
System Replacement and Improvements	7,462,223
Vehicles, Equipment and Other Routine Capital Replacement	2,836,557
<b>Specified Revenue:</b>	
Renewal & Replacement Charges	21,674,198
State and Federal Mandated Charges	48,560
Raw Water Surcharge	1,797,018
<b>Liabilities:</b>	
Compensated Absences	2,219,508
Revolving Grant Matching Funds	861,090
Risk Management	358,982
Pension Liability	751,594
<b>Specific Activities &amp; Projects:</b>	
Regulatory Mandates	500,000
Service Center - Corporation Yard	4,882,250
Catastrophic Event	5,489,586
<b>Total Water Division - Board Designated Reserves</b>	<b>\$ 67,200,117</b>

**Note:** Board designated reserves for the Middle Fork Project are held by the Middle Fork Project Finance Authority not the Agency, therefore, currently no reserves are held by the Agency for the Power Division.

**PLACER COUNTY WATER AGENCY**  
**Combined Schedule of Revenues, Expenses and Change in Net Position**  
**Budget and Actual**  
**For the Year Ended December 31, 2020**

	2020 Adopted Budget	2020 Adjusted Budget	2020 Actual	Variance from Adjusted Budget (\$)	Variance from Adjusted Budget (%)
<b>Operating Revenues</b>					
Water Sales	\$ 40,459,300	39,995,714	43,850,608	3,854,894	10%
Power Sales (1)	37,900,671	38,063,671	38,288,905	225,234	1%
Renewal and Replacement Charges	14,257,000	14,257,000	14,756,926	499,926	4%
Engineering Charges	750,000	750,000	804,100	54,100	7%
Customer Service Charges	850,000	850,000	686,222	(163,778)	-19%
Other Revenue	-	-	48,993	48,993	-
Total Operating Revenues	<u>94,216,971</u>	<u>93,916,385</u>	<u>98,435,754</u>	<u>4,519,369</u>	<u>5%</u>
<b>Non-Operating Revenues</b>					
Water Connection Charges	6,000,000	6,000,000	8,730,256	2,730,256	46%
Water Sale	-	-	6,650,000	6,650,000	-
Costs Recovered from Other Agencies	-	-	1,310,480	1,310,480	-
Contributions In Aid of Construction	139,000	139,000	228,668	89,668	65%
Investment Income	1,350,000	1,350,000	5,008,796	3,658,796	271%
Property Taxes and Assessments	1,200,000	1,200,000	1,124,528	(75,472)	-6%
Gain (Loss) on Disposal of Assets	-	-	235,555	235,555	-
Program Grant Revenue	100,000	100,000	143,880	43,880	44%
Rental Income	763,000	763,000	1,023,377	260,377	34%
Other Income (2)	187,000	187,000	5,822,308	5,635,308	3014%
Total Non-Operating Revenues	<u>9,739,000</u>	<u>9,739,000</u>	<u>30,277,848</u>	<u>20,538,848</u>	<u>211%</u>
<b>Total Revenues</b>	<u>103,955,971</u>	<u>103,655,385</u>	<u>128,713,602</u>	<u>25,058,217</u>	<u>24%</u>
<b>Operating Expenses</b>					
Purchased Water	4,582,000	4,771,000	4,770,465	535	0%
Operations Administration	4,291,252	4,438,234	4,250,989	187,245	4%
Pumping Plant and Wells	650,000	1,150,000	909,644	240,356	21%
Water Treatment	9,011,648	9,353,621	9,051,455	302,166	3%
Electrical Operations	8,551,850	8,698,973	9,704,611	(1,005,638)	-12%
Transmission and Distribution:					
Treated Water	4,023,830	4,356,731	3,661,219	695,512	16%
Raw Water	3,731,659	4,219,316	4,536,722	(317,406)	-8%
Customer Service and Collections	4,338,132	4,719,962	4,660,981	58,981	1%
Recreation	2,620,000	2,620,000	2,338,479	281,521	11%
Automotive & Equipment	932,157	1,021,781	1,005,429	16,352	2%
Engineering	7,430,851	7,798,419	7,100,020	698,399	9%
General and Administrative	21,423,433	19,093,865	14,142,468	4,951,397	26%
Energy Marketing	1,645,742	1,645,742	1,534,511	111,231	7%
Depreciation	-	-	25,454,209	(25,454,209)	-
Total Operating Expenses (3)	<u>73,232,556</u>	<u>73,887,644</u>	<u>93,121,202</u>	<u>(19,233,558)</u>	<u>-26%</u>
<b>Non-Operating Expenses</b>					
Interest Expense	2,477,000	2,477,000	2,004,360	472,640	19%
Total Non-Operating Expenses	<u>2,477,000</u>	<u>2,477,000</u>	<u>2,004,360</u>	<u>472,640</u>	<u>19%</u>
<b>Total Expenses</b>	<u>75,709,556</u>	<u>76,364,644</u>	<u>95,125,562</u>	<u>(18,760,918)</u>	<u>-25%</u>
Capital Contributions	-	-	7,136,700	7,136,700	-
<b>CHANGE IN NET POSITION</b>	<u>\$ 28,246,415</u>	<u>27,290,741</u>	<u>40,724,740</u>	<u>13,433,999</u>	<u>49%</u>

(1) Power sales revenue, which reflects reimbursements of the Agency's expenses related to the Middle Fork Project, realized budget savings primarily due to lower than anticipated capital project expenses.

(2) Mark to market adjustment on investments is included in Other Income.

(3) The operating expense variance is primarily a result from under budgeting for depreciation and expenses for infrastructure repair and maintenance projects.

**PLACER COUNTY WATER AGENCY**

**Adjusted Budget  
Last Ten Years**

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>Operating Revenues</b>										
Water Sales	\$ 33,544,200	35,094,200	33,378,200	34,370,200	36,281,000	34,620,000	34,800,000	37,477,000	39,246,000	39,995,714
Power Sales	11,837,765	13,686,081	13,514,781	33,306,898	37,558,000	35,200,426	36,419,512	34,562,163	37,548,853	38,063,671
Renewal and Replacement Charges	-	-	-	10,330,000	10,970,000	11,000,000	11,480,000	13,230,000	13,855,000	14,257,000
Raw Water Surcharges (1)	-	-	-	300,000	320,000	320,000	320,000	-	-	-
Reimbursements	65,104	67,708	23,472	-	-	-	-	-	-	-
Engineering Charges	415,000	355,000	630,000	630,000	680,000	750,000	750,000	750,000	750,000	750,000
Customer Service Charges	731,000	731,000	731,000	731,000	740,000	725,000	725,000	725,000	850,000	850,000
Other Revenue	5,000	5,000	5,000	48,980	-	-	-	-	-	-
<b>Total Operating Revenues</b>	<b>46,598,069</b>	<b>49,938,989</b>	<b>48,282,453</b>	<b>79,717,078</b>	<b>86,549,000</b>	<b>82,615,426</b>	<b>84,494,512</b>	<b>86,744,163</b>	<b>92,249,853</b>	<b>93,916,385</b>
<b>Non-Operating Revenues</b>										
Water Connection Charges	100,000	-	-	1,500,000	14,400,000	12,500,000	10,000,000	10,000,000	6,000,000	6,000,000
Water Sale	-	-	-	-	6,000,000	-	-	-	-	-
Renewal & Replacement Charges	8,800,000	9,060,000	9,160,000	-	-	-	-	-	-	-
Raw Water Surcharges	250,000	250,000	250,000	-	-	-	-	-	-	-
Contributions in Aid of Construction	55,000	55,000	152,000	70,000	70,000	400,000	400,000	250,000	139,000	139,000
Interest Earnings	1,500,000	1,024,300	1,105,000	965,000	940,000	900,000	900,000	1,150,000	1,400,000	1,350,000
Property Taxes and Assessments	646,200	680,000	680,000	680,000	740,000	775,000	775,000	860,000	1,000,000	1,200,000
Gain on Disposal of Assets	(111,442)	-	-	-	(23,707,338)	-	-	-	-	-
Program Grant Revenue	50,000	10,000	75,000	90,000	50,000	325,000	325,000	500,000	300,000	100,000
Rental Income	240,000	240,000	240,000	538,000	700,000	766,000	766,000	768,000	743,000	763,000
Other Income	202,251	41,273	500	(715,826)	(6,261,950)	16,000	16,000	360,000	249,000	187,000
<b>Total Non-Operating Revenues</b>	<b>11,732,009</b>	<b>11,360,573</b>	<b>11,662,500</b>	<b>3,127,174</b>	<b>(7,069,288)</b>	<b>15,682,000</b>	<b>13,182,000</b>	<b>13,888,000</b>	<b>9,831,000</b>	<b>9,739,000</b>
<b>Total Revenues</b>	<b>58,330,078</b>	<b>61,299,562</b>	<b>59,944,953</b>	<b>82,844,252</b>	<b>79,479,712</b>	<b>98,297,426</b>	<b>97,676,512</b>	<b>100,632,163</b>	<b>102,080,853</b>	<b>103,655,385</b>
<b>Operating Expenses</b>										
Purchased Water	674,020	724,000	725,000	2,527,764	4,087,625	4,318,000	4,381,100	4,274,700	4,464,000	4,771,000
Field Administration	1,020,479	937,854	1,005,891	1,017,197	1,033,142	1,060,737	1,111,740	1,074,405	4,048,207	4,438,234
Pumping Plant and Wells	1,525,050	1,437,257	1,333,787	2,197,301	1,906,847	1,043,591	823,101	775,000	650,000	1,150,000
Water Treatment	6,037,991	5,784,104	6,162,517	7,055,543	7,472,576	7,838,719	8,785,774	8,516,961	9,262,892	9,353,621
Electrical Operations	1,648,972	1,751,049	1,578,416	2,485,569	3,095,000	3,250,197	4,632,840	5,420,873	5,541,473	8,698,973
Transmission and Distribution										
Treated Water	3,453,697	2,856,862	3,155,053	2,779,814	2,796,243	2,642,902	3,341,125	3,638,224	3,322,635	4,356,731
Raw Water	4,987,417	5,141,191	4,840,789	5,184,949	5,340,272	3,649,175	3,752,489	4,232,948	4,802,924	4,219,316
Customer Service and Collections	3,986,845	3,808,680	4,013,406	4,102,728	4,384,080	4,818,678	5,057,525	4,148,688	4,859,105	4,719,962
Repairs and Maintenance (2)	1,848,030	1,639,482	2,199,063	2,326,605	3,148,000	2,767,815	2,028,816	2,725,764	3,242,030	-
Recreation	344,558	450,799	2,459,516	2,318,500	2,626,000	2,844,000	2,568,000	2,550,000	2,588,000	2,620,000
Automotive and Equipment	857,976	920,427	898,584	1,019,857	1,057,460	1,014,772	1,036,877	1,014,940	1,038,811	1,021,781
Engineering	1,955,922	2,078,765	1,849,905	2,510,603	4,711,050	4,174,941	4,444,930	4,821,999	6,695,437	7,798,419
General and Administrative	9,274,369	9,237,941	13,819,816	14,542,656	15,576,367	17,285,283	17,522,442	17,556,613	16,361,688	19,093,865
Energy Marketing	-	-	3,612,111	6,155,972	2,710,279	2,355,281	1,818,654	1,496,100	1,703,053	1,645,742
Depreciation	7,319,559	8,641,604	4,467,050	1,749,100	1,616,000	-	-	-	-	-
<b>Total Operating Expenses</b>	<b>44,934,885</b>	<b>45,410,015</b>	<b>52,120,904</b>	<b>57,974,158</b>	<b>61,560,941</b>	<b>59,064,091</b>	<b>61,305,413</b>	<b>62,247,215</b>	<b>68,580,255</b>	<b>73,887,644</b>
<b>Non-Operating Expenses</b>										
Interest Expense	4,991,850	4,158,625	4,061,031	3,923,490	3,831,000	3,831,000	3,269,000	3,118,000	2,655,000	2,477,000
Amortization of Bond Issue Cost	576,455	455,864	457,110	-	-	-	-	-	-	-
<b>Total Non-Operating Expenses</b>	<b>5,568,305</b>	<b>4,614,489</b>	<b>4,518,141</b>	<b>3,923,490</b>	<b>3,831,000</b>	<b>3,831,000</b>	<b>3,269,000</b>	<b>3,118,000</b>	<b>2,655,000</b>	<b>2,477,000</b>
<b>Total Expenses</b>	<b>50,503,190</b>	<b>50,024,504</b>	<b>56,639,045</b>	<b>61,897,648</b>	<b>65,391,941</b>	<b>62,895,091</b>	<b>64,574,413</b>	<b>65,365,215</b>	<b>71,235,255</b>	<b>76,364,644</b>
<b>CHANGE IN NET POSITION</b>	<b>\$ 7,826,888</b>	<b>11,275,058</b>	<b>3,305,908</b>	<b>20,946,604</b>	<b>14,087,771</b>	<b>35,402,335</b>	<b>33,102,099</b>	<b>35,266,948</b>	<b>30,845,598</b>	<b>27,290,741</b>

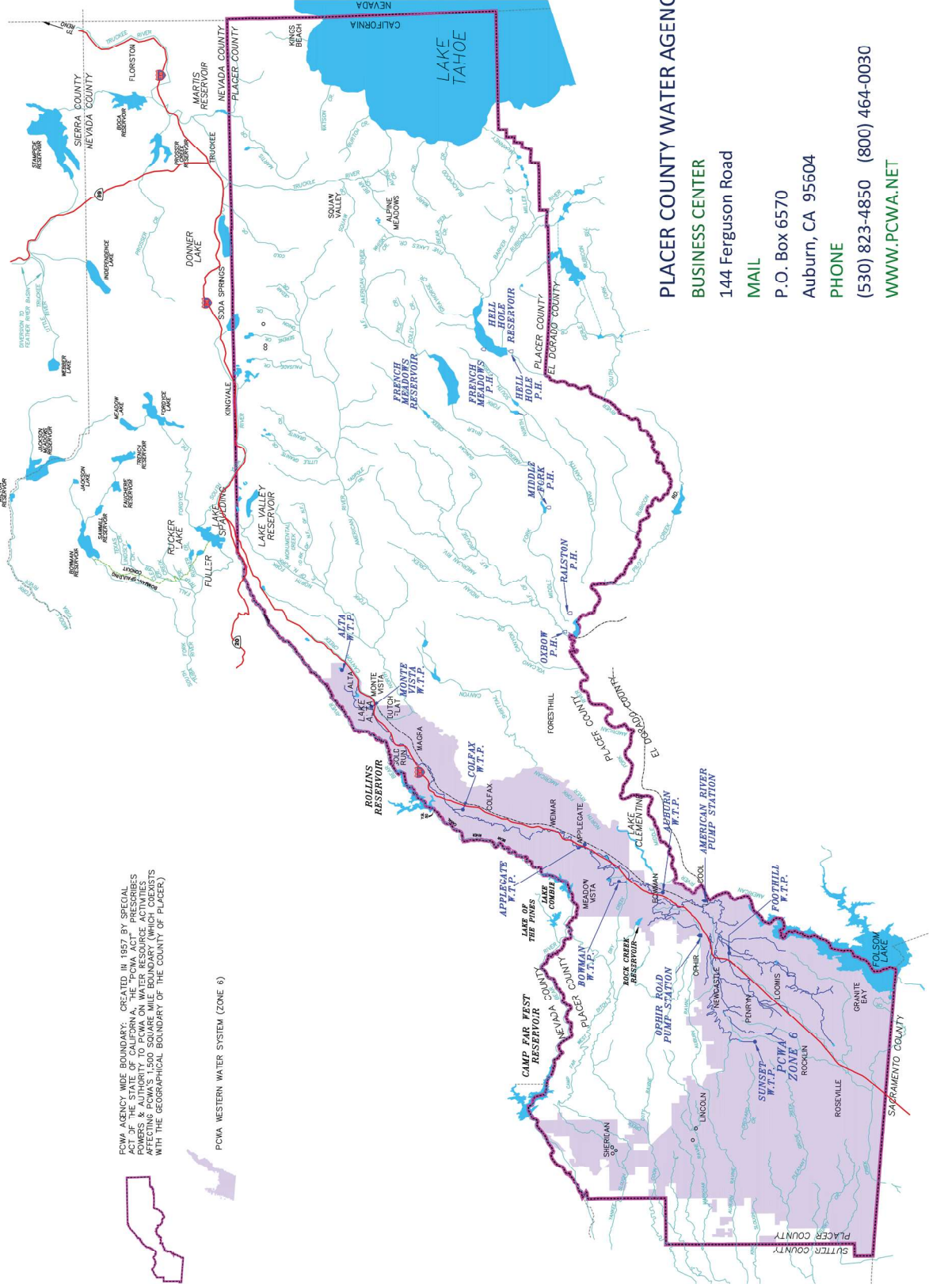
(1) For years 2014 - 2017 Raw Water Surcharges were a separate line item. Beginning in 2018, the rate structure changed and they are included in Renewal & Replacement charges.  
(2) Beginning in 2020, Repairs and Maintenance are included in Electrical Operations.







# Service Area Map



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