

Metropolitan Water District of Southern California

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FISCAL YEARS 2020/21 and 2021/22 COST OF SERVICE  
REPORT FOR PROPOSED WATER RATES AND CHARGES

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# EXECUTIVE SUMMARY

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Metropolitan’s current rate design was adopted by its Board of Directors in October 2001 through a lengthy and open process. Metropolitan is required to adopt rates and charges that are reasonable, and cost of service is one reasonable method. In 2001, Metropolitan chose to adopt a cost of service rate structure that it found reasonable for recovering the costs of providing full-service water service (treated and untreated) and wheeling service to its 26 member agencies, as defined in Metropolitan’s Administrative Code. The rate structure is designed in accordance with the Rate Structure Action Plan of December 12, 2000; the Composite Rate Structure framework of April 11, 2000; the Strategic Plan Policy Principles of December 14, 1999; and the Strategic Plan Steering Committee Guidelines of January 6, 2000. The Board adopted the rate structure on October 16, 2001. This report describes the rate structure in detail including the cost of service process that supports the proposed rates and charges for calendar years 2021 and 2022, which are based on the Proposed Biennial Budget for Fiscal Years 2020/21 and 2021/22 prepared for the Board and committee meetings scheduled in February 2020 (the “Biennial Budget”) through April 2020.

The rate structure supports the strategic planning vision that Metropolitan is a regional provider of services, encourages the development of additional local supplies through programs such as recycling, encourages conservation, and accommodates a water transfer market. Through its regional services, Metropolitan ensures a baseline of reliability and quality for imported water deliveries in its service area. Metropolitan’s rate structure recognizes the foregoing and other unique aspects of Metropolitan’s services, governance structure, and operational circumstances. Although there are general tenants that are important in cost of service industry guidelines, all guidelines recognize that customization of cost of service is necessary to reflect the service being provided. Accordingly, Metropolitan’s cost of service and the rate structure developed therefrom is in line with industry guidelines and Metropolitan’s unique operational circumstances.

## Objectives

In accordance with the Strategic Plan Policy Principles adopted in 1999, the rate structure is designed to accomplish the following:

**Accountability.** Define the linkage among costs, charges, and benefits through a cost of service approach consistent with industry guidelines.

**Regional Provider.** Ensure that regional services are provided to meet the existing and growth needs of member agencies.

**Equity.** Ensure that users, including member agencies and other entities, pay the same rates and charges for like classes of services and provide fair and reasonable allocation of costs through rates and charges.

**Environmental Responsibility.** Encourage wise environmental stewardship and effective demand management by funding conservation and recycling projects and programs and using pricing<sup>1</sup> to encourage investments in conservation, recycling, and other economical local supplies.

**Choice and Competition.** Offer choices for services to member agencies and accommodate the development of a water transfer market.

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<sup>1</sup> Metropolitan’s rate structure does not use pricing in its service rates to encourage conservation and local resource development by member agencies. Metropolitan’s rates reflect the cost of providing its services. Metropolitan invests in demand management, by providing incentives to those conserving and developing local resource projects that reduce the price of those projects for the participants. Those demand management investments lower system costs and reduce the need for Metropolitan to import additional supplies into the service area.

**Water Quality.** Support source quality improvements and water treatment systems that are required to ensure safe drinking water and the feasibility of water recycling and groundwater management programs.

**Financial Integrity.** Establish a financial commitment from the member agencies that provides financial security for Metropolitan and does not transfer undue risk to member agencies, individually or as a whole.

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# DISTRICT OVERVIEW

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This Report provides an overview of Metropolitan generally, its governance structure, operational characteristics, and the services it provides to its member agencies. The District Overview provides context for the cost of service process applied, which result in the proposed rates and charges.

## District Profile

The Metropolitan Water District of Southern California (Metropolitan) is a metropolitan water district created in 1928 under authority of the Metropolitan Water District Act (California Statutes 1927, Chapter 429, as reenacted in 1969 as Chapter 209, as amended (the Act)). Metropolitan has 26 member public agencies and its primary purpose is to provide its members with a reliable wholesale water supply service for domestic and municipal uses. To do so, Metropolitan imports water from the Colorado River and Northern California. Metropolitan also helps its member agencies develop increased water conservation, recycling, storage, and other local resource programs.

Metropolitan is authorized to develop, store, and distribute water for domestic and municipal purposes and other beneficial uses if excess water is available, and may provide, generate, and deliver electric power within or without the state for the purpose of developing, storing, and distributing water. All powers, privileges and duties vested in or imposed upon Metropolitan are exercised and performed by and through its Board of Directors. Metropolitan is governed by a 38-member Board of Directors representing the 26 member agencies. Metropolitan directors are selected by their respective member agencies and some of those directors also serve on the governing body of their member agency. Board and committee meetings are open to the public and are broadcast on the Internet through Metropolitan's website, [www.mwdh2o.com](http://www.mwdh2o.com). A schedule of Board and committee meetings, as well as current and archived Board materials, is available at the same website.

Metropolitan was established to obtain an allotment of Colorado River water and to construct and operate the 242-mile Colorado River Aqueduct (CRA), which runs from an intake at Lake Havasu on the California-Arizona border, to an endpoint at Metropolitan's Lake Mathews reservoir in Riverside County. Metropolitan owns and operates an extensive portfolio of capital facilities including the CRA, 16 hydroelectric facilities, nine reservoirs, 830 miles of large-scale pipes, and five water treatment plants.

In 1960, Metropolitan, followed by other public agencies, signed a long-term contract with the state Department of Water Resources (DWR) to participate in the State Water Project (SWP). The SWP is the largest state-built, user-financed water supply and transportation project in the country. Its facilities were constructed with several general types of financing, the repayment of which is made by the 29 agencies and districts that participate in the SWP through long-term contracts (the State Water Contractors). The State Water Contractors also pay for the operations, maintenance, power, and replacement (OMP&R) costs of the SWP, as the State Water Contracts are the basis for all SWP construction and ongoing operations. DWR manages and operates the SWP. As the largest of the now 29 contractors, Metropolitan is allocated slightly less than half of all SWP supplies. Water supplies from the SWP are conveyed to Metropolitan via the SWP's 444-mile California Aqueduct, which was made possible pursuant to Metropolitan's State Water Contract. The SWP serves urban and agricultural agencies from the San Francisco Bay area to Southern California.

To secure additional supplies, Metropolitan also has groundwater banking partnerships and water transfer arrangements within and outside of its service area. Metropolitan also provides financial incentives to its member agencies for local investments in demand management programs and projects. An increasing

percentage of Southern California's water supply comes from these conservation programs and local resources projects, including water recycling and recovered groundwater.

To pay for its costs, the Act authorizes Metropolitan to: levy property taxes within its service area; establish water rates; collect charges for water standby and service availability; incur general obligation bonded indebtedness and issue revenue bonds, notes and short-term revenue certificates; execute contracts; and exercise the power of eminent domain for the purpose of acquiring property. In addition, Metropolitan's Board is authorized to establish terms and conditions under which additional areas may be annexed to Metropolitan's service area.

## District Mission

The mission of Metropolitan is to provide its 5,200-square-mile service area with an adequate and reliable supply of high-quality water to meet present and future needs in an environmentally and economically responsible way.

## Metropolitan Service Area

Metropolitan's service area comprises approximately 5,200 square miles and includes portions of the six counties of Los Angeles, Orange, Riverside, San Bernardino, San Diego and Ventura. When Metropolitan began delivering water in 1941, its service area consisted of approximately 625 square miles. Its service area has increased by 4,500 square miles since that time. The expansion was primarily the result of annexation of the service areas of additional member agencies. Metropolitan has historically provided between 40 and 60 percent of the water used annually within its service area.

The area served by Metropolitan represents the most densely populated and heavily industrialized portions of Southern California. Metropolitan estimates that approximately 19 million people lived in Metropolitan's service area in 2019, based on official estimates from the California Department of Finance and on population distribution estimates from the Southern California Association of Governments (SCAG) and the San Diego Association of Governments (SANDAG). Population projections prepared by SCAG in 2012 and SANDAG in 2013, as part of their planning process to update regional transportation and land use plans, show expected population growth of about 18 percent in Metropolitan's service area between 2010 and 2035.

The economy of Metropolitan's service area is exceptionally diverse. In 2018, the economy of the six counties which contain Metropolitan's service area had a gross domestic product larger than all but twelve nations of the world. The Six County Area economy ranked between South Korea (\$1.619 trillion) and Australia (\$1.432 trillion), with an estimated gross domestic product (GDP) of \$1.538 trillion. The Six County Area's gross domestic product in 2018 was larger than all states except California, Texas, and New York.

The climate in Metropolitan's service area ranges from moderate temperatures throughout the year in the coastal areas to hot and dry summers in the inland areas. Annual rainfall in an average year has historically been approximately 13 to 15 inches along the coastal area, up to 20 inches in foothill areas and less than 10 inches inland.

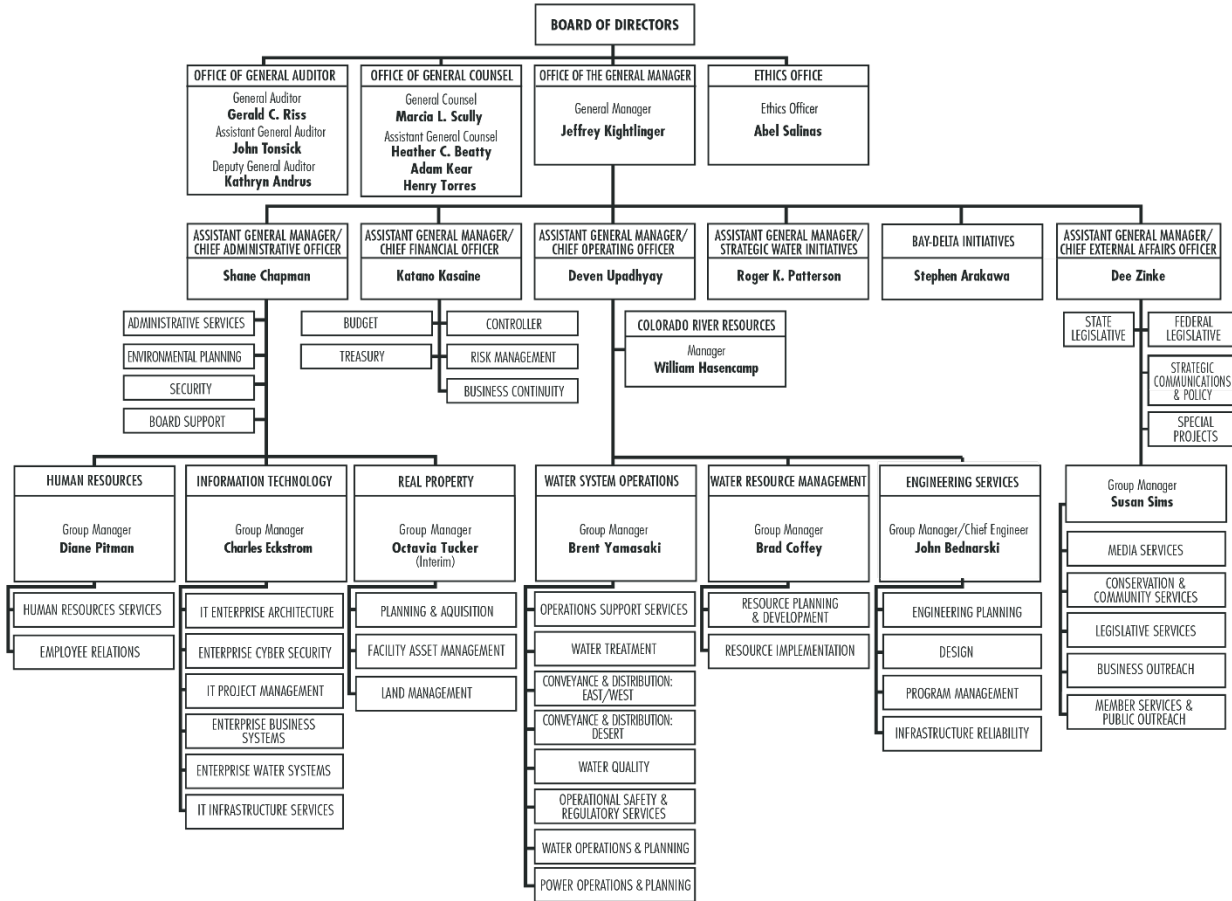
## Service Area Map

Figure 1 below shows the area served by Metropolitan. It includes parts of six of the ten counties that comprise Southern California (Six County Area) consisting of Los Angeles, Orange, Riverside, San Bernardino, San Diego, and Ventura counties. Although these counties comprise Metropolitan's service area, Metropolitan's territory does not encompass all of the area within each of the six counties.



Figure 2: Metropolitan Organization Chart

## METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA



Updated as of January 22, 2020

Table 1: Metropolitan Senior Management

Jeffrey Kightlinger	General Manager
Marcia Scully	General Counsel
Gerald Riss	General Auditor
Abel Salinas	Ethics Officer
Katano Kasaine	Assistant General Manager/Chief Financial Officer
Deven Upadhyay	Assistant General Manager/Chief Operating Officer
Roger Patterson	Assistant General Manager/Strategic Water Initiatives
Dee Zinke	Assistant General Manager/Chief External Affairs Officer
Shane Chapman	Assistant General Manager/Chief Administrative Officer
Rosa Castro	Board Administrator



## Member Agencies

Table 2 lists the 26 member agencies of Metropolitan which include 11 municipal water districts, 14 cities and one county water authority.

**Table 2: Metropolitan Member Agencies**

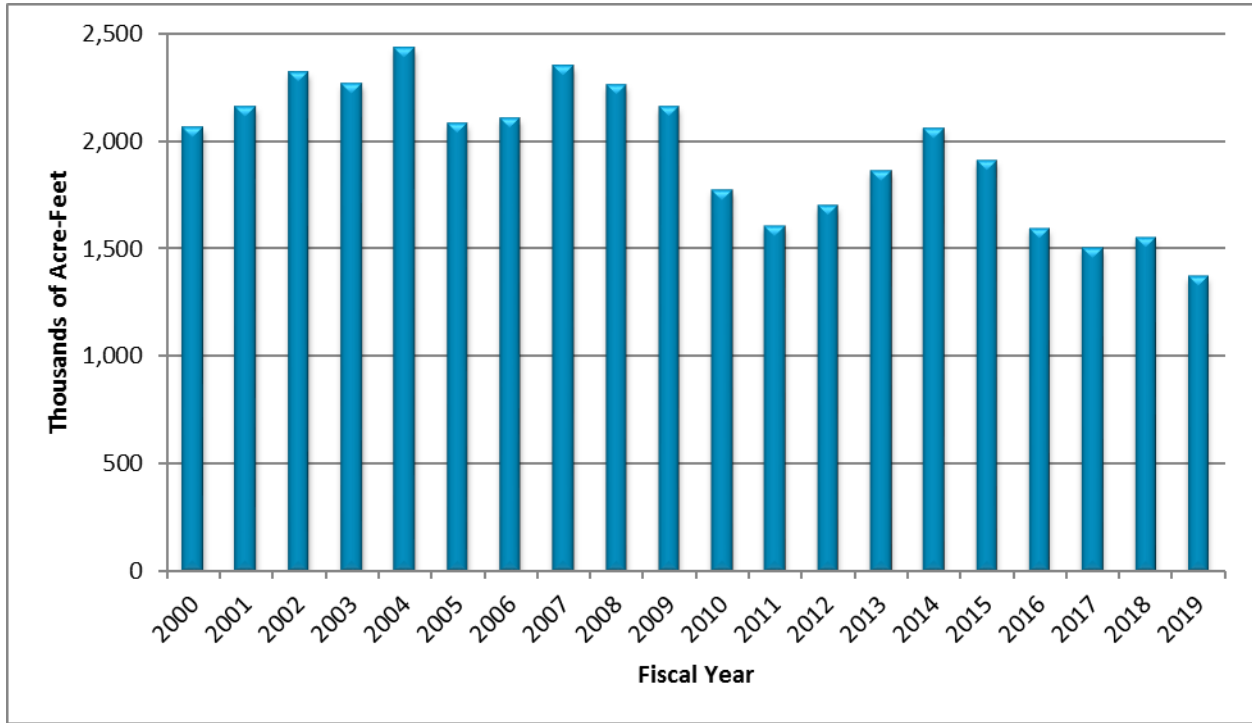
Municipal Water Districts	Cities	County Water Authority
Calleguas	Anaheim	San Diego
Central Basin	Beverly Hills	
Eastern	Burbank	
Foothill	Compton	
Inland Empire Utilities Agency	Fullerton	
Upper San Gabriel Valley	Glendale	
Western of Riverside County	Long Beach	
Las Virgenes	Los Angeles	
Orange County	Pasadena	
Three Valleys	San Fernando	
West Basin	San Marino	
	Santa Ana	
	Santa Monica	
	Torrance	

## Metropolitan's Water Transactions with Member Agencies

Due to Metropolitan's role as a voluntary cooperative of, and supplemental supplier to, member agencies with varying degrees of reliance on Metropolitan, and other factors described below, water transactions are highly variable and unpredictable from year to year. In the past 20 years, water transactions have been as high as 2.4 million acre-feet in FY 2003/04 and as low as 1.4 million acre-feet in FY 2018/19, as shown in Figure 3. Figure 3 includes total transactions by fiscal year, which includes water sales, exchanges, and wheeling. Variation occurs for many reasons. The demand for supplemental supplies is dependent on water use at the retail consumer level and the amount of local water supplies available to member agencies. Consumer demand and locally supplied water vary from year to year, resulting in variability in Metropolitan's water transactions. Both economic growth and recessions can also lead to increases and decreases in demand. Weather also affects demands. Wet cool weather not only increases the availability of local supplies, it also decreases retail demands. Conversely, hot and dry weather results in significant increases in retail demand. In recent years, demands have been affected by wet and cool weather conditions and lingering effects of water use restrictions during the last drought. Member agencies also rely on Metropolitan during times of operational emergencies. Examples include: power outages, when member agencies need gravity-fed supplies to replace energy-dependent operations; water quality issues, such as when contaminants in groundwater force member agencies to shut down wells; and fires, when member agencies rely on Metropolitan for increased flows.



Figure 3: Historic Water Transactions FY 2000-2019 <sup>1</sup>



<sup>1</sup> Occur period Water Transactions.

Table 3 identifies the amounts paid by member agency, including fixed and volumetric charges, as well as the volume of water transactions by Metropolitan member agencies for FY 2019. Water transactions include sales, exchanges, and wheeling.

**Table 3: Metropolitan Water Transactions with Member Agencies, Year Ended June 30, 2019**(Accrual Basis, Dollars in Thousands) <sup>1, 2</sup>

Agency	Revenues				Water Transactions	
	Fixed Charges (\$ thousands)	Volumetric Charges (\$ thousands)	Total (\$ thousands)	Percent of Total	AF	Percent of Total
Anaheim	\$ 1,287	\$ 9,828	\$ 11,115	0.89%	10,913	0.81%
Burbank	800	14,471	15,271	1.22%	18,800	1.40%
Beverly Hills	1,151	10,213	11,364	0.91%	9,905	0.74%
Compton	35	0	35	0.00%	0	0.00%
Calleguas	8,068	89,047	97,115	7.79%	87,422	6.49%
Inland Empire	4,181	44,336	48,517	3.89%	77,359	5.74%
Central Basin	1,101	18,553	19,654	1.58%	21,560	1.60%
Eastern	7,209	76,062	83,271	6.68%	83,993	6.24%
Fullerton	527	5,688	6,215	0.50%	5,521	0.41%
Foothill	629	7,801	8,430	0.68%	7,591	0.56%
Glendale	1,338	14,431	15,768	1.26%	14,849	1.10%
Los Angeles	32,880	129,974	162,855	13.06%	145,123	10.78%
Long Beach	2,172	26,280	28,452	2.28%	25,822	1.92%
Las Virgenes	1,790	20,151	21,941	1.76%	19,628	1.46%
MWDOC	13,863	146,324	160,187	12.85%	273,136	20.28%
Pasadena	1,602	18,861	20,464	1.64%	18,596	1.38%
Three Valleys	4,670	53,423	58,093	4.66%	62,746	4.66%
Santa Ana	685	7,928	8,612	0.69%	7,705	0.57%
San Diego CWA	23,993	203,977	227,970	18.29%	152,622	11.33%
San Fernando	2	0	1	0.00%	-	0.00%
Santa Monica	776	3,283	4,059	0.33%	3,239	0.24%
San Marino	94	860	954	0.08%	840	0.06%
Torrance	1,264	14,072	15,336	1.23%	16,348	1.21%
Upper San Gabriel	753	33,963	34,715	2.78%	48,136	3.57%
West Basin	11,699	112,487	124,185	9.96%	149,511	11.10%
Western MWD	4,101	57,950	62,051	4.98%	85,276	6.33%
<b>Total</b>	<b>\$ 126,671</b>	<b>\$ 1,119,961</b>	<b>\$ 1,246,632</b>	<b>100.00%</b>	<b>1,346,640</b>	<b>100.00%</b>

<sup>1</sup> Water Transactions include sales, exchanges, and wheeling.<sup>2</sup> Water Transactions as billed.

Due to differences in local supply resources and demand characteristics, usage profiles differ significantly among the member agencies. Table 4 summarizes the usage characteristics of the member agencies for the ten calendar years ended 2018. As can be seen from this table, individual agency purchases vary substantially from year to year, and the Metropolitan system accommodates usage behavior that varies widely among member agencies. The table shows that Metropolitan's transactions can vary as much as  $\pm 30$  percent from average. This range of variability is not typical for a retail water utility but does demonstrate the degree to which Metropolitan's commitments to meet varying demands can impact operations.

**Table 4: Member Agency Water Usage Profiles**Calendar Years 2009-2018 <sup>1, 2, 3</sup>

Agency	Average (AF)	Maximum (AF)	Minimum (AF)	Peak Day (CFS)
Anaheim	18,897	29,203	13,267	44.8
Beverly Hills	11,042	12,102	9,498	32.7
Burbank	15,206	18,979	10,432	22.6
Calleguas	104,089	133,688	87,759	240.8
Central Basin	51,511	73,685	26,388	94.7
Compton	893	2,772	-	6.9
Eastern	101,866	113,109	83,878	267.4
Foothill	8,658	10,832	7,297	24.3
Fullerton	8,484	11,050	5,417	37.4
Glendale	18,072	20,941	15,842	56.0
Inland Empire	84,651	103,526	63,287	153.9
Las Virgenes	21,215	24,639	19,154	46.1
Long Beach	34,252	45,221	25,953	80.4
Los Angeles	288,826	444,526	116,666	782.5
MWDOC	329,749	361,491	299,506	489.5
Pasadena	18,947	21,103	16,501	52.5
San Diego	481,820	600,211	376,058	1,138.2
San Fernando	36	108	-	4.9
San Marino	829	1,112	309	7.5
Santa Ana	11,642	16,675	4,747	20.0
Santa Monica	6,067	11,796	2,989	25.0
Three Valleys	67,427	75,952	55,988	178.6
Torrance	17,307	19,208	15,209	42.8
Upper San Gabriel	34,805	56,829	6,347	79.1
West Basin	148,154	156,213	138,883	230.2
Western	95,929	114,317	83,498	214.4
<b>Total</b>	<b>1,980,374</b>	<b>2,479,291</b>	<b>1,484,872</b>	<b>4,373.4</b>

<sup>1</sup> Water Transactions include sales, exchanges, and wheeling.<sup>2</sup> Occur period Water Transactions.<sup>3</sup> Peak Day from May 1 through September 30, excluding replenishment.

Based on the variability of supplemental wholesale water transactions and unpredictability of future hydrologic conditions, transaction projections are based on long-term average forecasts consistent with Metropolitan's latest Board-adopted Integrated Resources Plan (2015 IRP Update). Metropolitan is currently updating its IRP and anticipates completion of the Update in 2020.

## Metropolitan's Water Resources and Facilities

Metropolitan's total water system has been built over time to meet the widely differing needs of its member agencies and the sources of water available to Metropolitan. Some agencies have no local water resources and rely on Metropolitan for 100 percent of their annual water needs. Other agencies have adequate local surface supplies and storage and/or groundwater basins that provide them with the majority of their water supplies during wet and average years. However, during dry periods these agencies rely on Metropolitan to make up

any shortfalls in local water supplies. All members rely on the entirety of the system and in particular for reliability during any emergency or shortage period. Therefore, Metropolitan operates its system to attempt to ensure the availability of its services to all its member agencies. Similar coordination challenges arise in managing water available from the SWP, the Colorado River, and water supply projects of Metropolitan.

Metropolitan's water delivery system is comprised of three integrated conveyance and delivery components:

- SWP;
- CRA; and
- Distribution System.

The California Aqueduct of the SWP and the CRA convey imported water into the Metropolitan service area. This water is then delivered to Metropolitan's member agencies via a regional network of canals, pipelines, and appurtenant facilities, which constitute the Distribution System. Supply, treatment, and storage facilities augment the Distribution System.

### Water Conveyance System

For purposes of this report, components of the conveyance system are considered to include only those major trunk facilities that transport water from primary supply sources to either regional storage facilities or feeder lines linked to the primary conveyance facilities. All other water transport facilities, including pipelines, feeders, laterals, canals and aqueducts, are considered to be distribution facilities. Distribution facilities can be further identified in that they generally have at least one connection to a member agency's local distribution system. Existing regional conveyance facilities include both the SWP and CRA facilities. SWP facilities transport water from the Sacramento-San Joaquin Delta southward through a series of pumps, aqueducts, siphons, and tunnels that comprise the California Aqueduct. Conveyance facilities in or near Metropolitan's service area include the East Branch and West Branch of the California Aqueduct, the San Bernardino Tunnel, the Devil Canyon Power Plant, and the Santa Ana Valley Pipeline, which constitute the terminus of the reaches of the SWP facilities used and allocable to Metropolitan under its State Water Contract. The characteristics of the California Aqueduct are described more fully under the "State Water Project" heading below. A summary of conveyance facilities is presented in Table 5. Metropolitan operates the CRA. The CRA transports water from the Colorado River approximately 242 miles to its terminus at Lake Mathews in Riverside County. The characteristics of the CRA are more fully described under the "Colorado River Aqueduct" heading below.

**Table 5: Components of Metropolitan's Water Conveyance System**

Facility Name	Design Capacity (cfs)
East Branch SWP to Devil Canyon (a)	1,500
West Branch SWP (a)	1,490
Santa Ana Valley Pipeline (a)	420
Colorado River Aqueduct	1,605
Inland Feeder	1,000

(a) The availability of additional capacity is dependent on coordination of Metropolitan's needs and the needs of other SWP Contractors

Metropolitan's conveyance facilities deliver available water to meet regional supplemental water demands either through direct deliveries or through deliveries to storage for later use. The two most important factors considered in evaluating water conveyance needs are:

- Availability of water supplies; and
- Supplemental water demands, including both:
  - Consumptive demands; and
  - Deliveries to storage during water surplus periods.

Additional factors that are considered in modeling operational needs and planning for additional water conveyance facilities include:

- Water quality blend requirements,
- System reliability in an emergency or unusual supply year; and
- System flexibility under other-than-normal operating conditions.

Conveyance system planning and operational needs are evaluated using both 1) computer simulation models, which indicate how much imported water is available during a given year, and 2) a distribution system mass balance model, which indicates system capacity constraints. These models use available imported supplies based on historical hydrology, and then map these supplies over projected supplemental water demands on a monthly basis. Modeling results are analyzed to determine if shortages occur because of conveyance constraints or water supply constraints under various wet, dry, and normal conditions. The need for additional conveyance facilities is governed by the most restrictive of the conveyance constraints.

### State Water Project (SWP)<sup>2</sup>

One of Metropolitan’s two major sources of water is the SWP, which is managed and operated by DWR, and is an integral part of Metropolitan’s conveyance system. The SWP is the largest state-built, multipurpose, user-financed water project in the country. It was designed and built primarily to deliver water, but also provides flood control, generates power for pumping, is used for recreation, and enhances habitat for fish and wildlife. The SWP provides irrigation water for 750,000 acres of farmland, primarily in the San Joaquin Valley, and provides municipal and industrial water for approximately 25 million of California’s estimated 39.2 million residents.

The SWP consists of a complex system of dams, reservoirs, power plants, pumping plants, canals and aqueducts to deliver water. SWP water consists of water from rainfall and snowmelt runoff that is captured and stored in SWP conservation facilities and then delivered through SWP transportation facilities to water agencies and districts located throughout the Upper Feather River, Bay Area, Central Valley, Central Coast, and Southern California. Metropolitan receives water from the SWP through the California Aqueduct, which is 444 miles long, and at four delivery points near the northern and eastern boundaries of Metropolitan’s service area. The SWP facilities are shown in Figure 4.

The capacity of the SWP to deliver water decreases with distance from the Banks Pumping Plant, located in the Sacramento-San Joaquin Delta, as water is delivered to Contractors through the South Bay Aqueduct and the Coastal Branch Aqueduct, and to turnouts in the San Joaquin Valley and Southern California. The design pumping capacity at Banks Pumping Plant is 10,670 cubic feet-per-second (cfs) but only 4,480 cfs at the Edmonston Pumping Plant, located at the base of the Tehachapi Mountains.

In addition to the delivery of SWP water, the SWP is also used to convey transfers of SWP water and non-SWP water. SWP operations are closely coordinated and integrated with the federal Central Valley Project (CVP) and the San Luis Reservoir and San Luis Canal section of the California Aqueduct are shared SWP/CVP facilities. The SWP is also connected to other water sources upstream of the Sacramento-San Joaquin Delta, and along the California Aqueduct as it passes through Central Valley.

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<sup>2</sup> For historical and current information regarding the SWP, refer to Bulletin 132, published periodically by DWR since 1963. The most recently published Bulletin is Bulletin 132-17 dated January 2019 and titled “Management of the California State Water Project”. Appendices to the Bulletin are also updated separately. Both are available at: <https://water.ca.gov/Programs/State-Water-Project/Management/Bulletin-132>.



participation rights. Each year, DWR determines the percentage of the total contracted amount it estimates will be available to the State Water Contractors (the DWR allocation). Under a 100 percent allocation, Metropolitan would receive 1,911,500 acre-feet of SWP water. Late each year, DWR announces an initial allocation estimate for the upcoming year but may revise the estimate throughout the year if warranted by developing precipitation and water supply conditions. State Water Contractors are obligated to pay all costs of the SWP, except for those attributable to recreation, flood control, and other costs not associated with water deliveries to the State Water Contractors, regardless of the annual allocation determined by DWR. In addition to SWP water, Metropolitan also obtains water from water transfers, groundwater banking and exchange programs delivered through the California Aqueduct. From calendar years 2004 through 2018, the amount of water received by Metropolitan from the SWP, including water from water transfer, groundwater banking and exchange programs delivered through the California Aqueduct (described under “Water Transfer, Storage and Exchange Programs” below), varied from a low of 593,000 acre-feet in calendar year 2015 to a high of 1,800,000 acre-feet in 2004. In calendar year 2018, DWR’s allocation to State Water Contractors was 35 percent of contracted amounts, or 669,025 acre-feet, for Metropolitan. In calendar year 2019, DWR’s allocation to State Water Contractors was 75 percent of contracted amounts, or 1,433,625 acre-feet, for Metropolitan.

On November 30, 2018, DWR announced an initial calendar year 2019 allocation of 10 percent. On January 25, 2019, DWR increased the allocation estimate to 15 percent. Improved hydrologic conditions, including above-average precipitation in the month of January, led to a further allocation increase to 35 percent on February 20, 2019. DWR again increased the allocation estimate on March 20, 2019 to 70 percent. The allocation estimate of 70 percent reflects substantial improvements in runoff forecasts and storage in SWP conservation reservoirs aided by the third wettest February on record in the Northern Sierra since 1921. For calendar year 2020, DWR’s initial allocation was announced on December 2, 2019 and was 10 percent of contracted amounts. The initial allocation will likely change depending on rain and snowfall received this winter.

In addition to being a source of water for diversion into the SWP, the Bay-Delta is also the source of water for local agricultural, municipal and industrial needs, and, in addition, supports significant resident and anadromous fish and wildlife resources and important recreational uses of water. Both the SWP’s upstream reservoir operations and its Bay-Delta diversions can at times affect these other uses of Bay-Delta water directly, or indirectly, through impacts on Bay-Delta water quality. A variety of proceedings and other activities are ongoing with the participation of various State and federal agencies, as well as California’s environmental, urban and agricultural communities, in an effort to develop long-term, collectively-negotiated solutions to the environmental and water management issues concerning the Bay-Delta, and Metropolitan actively participates in these proceedings. Metropolitan cannot predict the ultimate outcome of any of the litigation or regulatory processes.

The State Water Contract has been amended over the years. More recently, the State Water Contract was amended and extended. The State Water Contractors have the option to continue participation in the SWP beyond the initial 75-year period on substantially the same terms and conditions as in the existing contract. Accordingly, in May 2013, DWR and the State Water Contractors began negotiations to extend the State Water Contract. In June 2014, DWR and the State Water Contractors reached an Agreement in Principle (AIP) to extend the State Water Contract to 2085 and to make certain other revisions to the contract aimed at improving the financial management and fiscal integrity of the SWP. The AIP served as the framework for the language of the actual amendment to the State Water Contract (Contract Extension Amendment), which was finalized in February 2018. As required by statute, the Contract Extension Amendment was presented to the state Legislature in two informational sessions held in July and September 2018.

The AIP also served as the “proposed project” for purposes of environmental review conducted under the California Environmental Quality Act (CEQA). DWR circulated a Draft Environmental Impact Report (EIR) for the proposed project in August 2016. DWR released the final EIR in November 2018 and then certified the final EIR and issued a Notice of Determination on December 11, 2018. Concurrently, Metropolitan considered the certified final EIR and approved the Contract Extension Amendment at its December 11, 2018 Board meeting. That same day, DWR filed a lawsuit seeking to validate the Contract Extension Amendment. Since FYs 2020/21 and 2021/22 Cost of Service Report



then, two separate CEQA complaints have been filed challenging DWR's final EIR and approval of the Contract Extension Amendment. In August 2019, all of these cases were assigned to a single judge, but no hearing dates have been set.

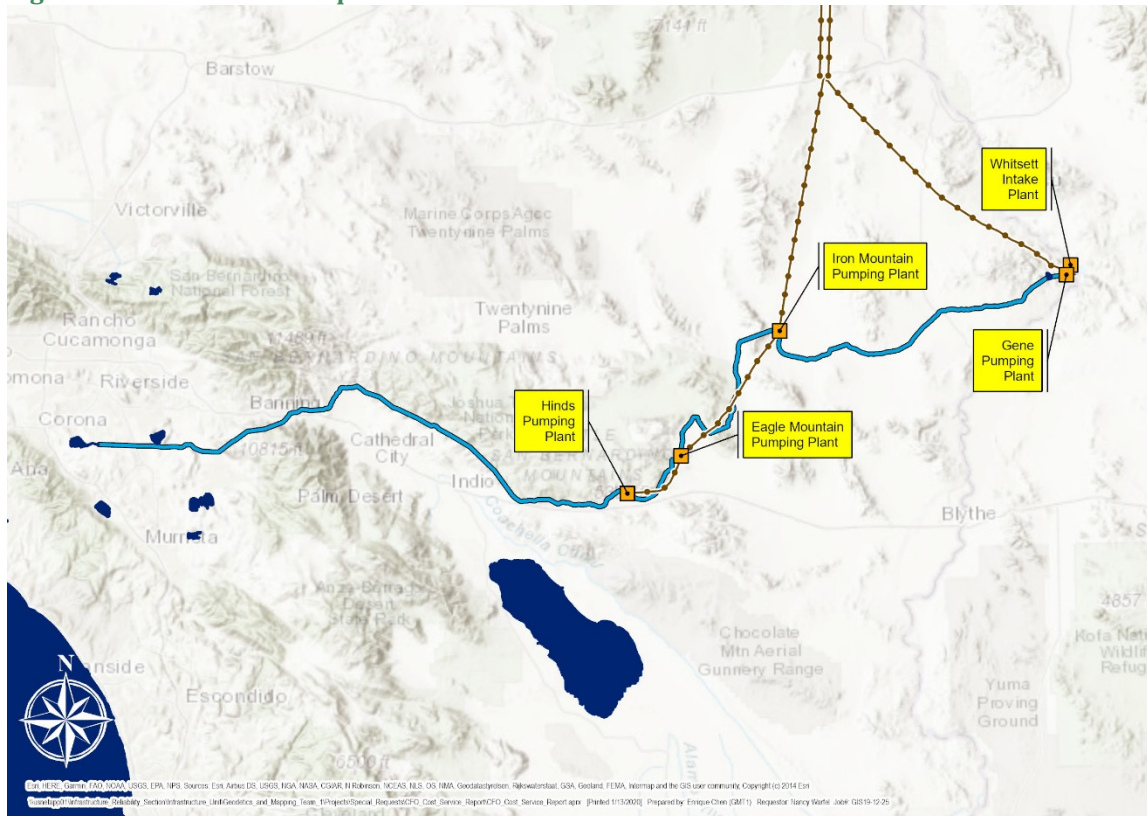
### Colorado River Aqueduct (CRA)

The other major source of water for Metropolitan is the Colorado River through the CRA. Metropolitan was established to obtain an allotment of Colorado River water, and its first mission was to construct and operate the CRA. The CRA consists of 5 pumping plants, 450 miles of high voltage power lines, 1 electric switching station, 4 regulating reservoirs, and 242 miles of aqueducts, siphons, canals, conduits and pipelines terminating at Lake Mathews in Riverside County.

The Colorado River was Metropolitan's original source of water after Metropolitan's establishment in 1928. Metropolitan has a legal entitlement to receive water from the Colorado River under a permanent service contract with the Secretary of the Interior. Water from the Colorado River and its tributaries is also available to other users in California, as well as users in the states of Arizona, Colorado, Nevada, New Mexico, Utah, and Wyoming (the Colorado River Basin States), resulting in both competition and the need for cooperation among these holders of Colorado River entitlements. In addition, under a 1944 treaty, Mexico has an allotment of 1.5 million acre-feet of Colorado River water annually except in the event of extraordinary drought or serious accident to the delivery system in the United States, in which event the water allotted to Mexico would be curtailed. Mexico also can schedule delivery of an additional 200,000 acre-feet of Colorado River water per year if water is available in excess of the requirements in the United States and the 1.5 million acre-feet allotted to Mexico.

The CRA, which is directly owned and operated by Metropolitan, transports water from the Colorado River approximately 242 miles to its terminus at Lake Mathews in Riverside County. The CRA is shown in Figure 5. Up to 1.25 million acre-feet of water per year may be conveyed through the CRA to Metropolitan's service area, subject to availability of Colorado River water for delivery to Metropolitan as described below.

Figure 5: Colorado River Aqueduct





California is apportioned the use of 4.4 million acre-feet of water from the Colorado River each year plus one-half of any surplus that may be available for use collectively in Arizona, California and Nevada. Under the 1931 priority system that has formed the basis for the distribution of Colorado River water made available to California, Metropolitan holds the fourth priority right to 550,000 acre-feet per year. This is the last priority within California's basic apportionment. In addition, Metropolitan holds the fifth priority right to 662,000 acre-feet of water, which is in excess of California's basic apportionment. Until 2003, Metropolitan had been able to take full advantage of its fifth priority right as a result of the availability of surplus water and water apportioned to Arizona and Nevada that was not needed by those states. However, during the 1990s Arizona and Nevada increased their use of water from the Colorado River, and by 2002 no unused apportionment was available for California. In addition, a severe drought in the Colorado River Basin reduced storage in system reservoirs, ending the availability of surplus deliveries to Metropolitan. As a result, California has been limited to 4.4 million acre-feet since 2003. Prior to 2003, Metropolitan could divert over 1.25 million acre-feet in any year, but since that time, Metropolitan's net diversions of Colorado River water have ranged from a low of nearly 633,000 acre-feet in 2006 to a high of approximately 1,176,000 acre-feet in 2014. Metropolitan has taken steps to augment its share of Colorado River water through agreements with other agencies that have rights to use such water.

The Quantification Settlement Agreement (QSA) and related agreements, executed by Coachella Valley Water District (CVWD), Imperial Irrigation District (IID), Metropolitan, and other parties in October 2003, establishes Colorado River water use limits for IID and CVWD, and provides for specific acquisitions of conserved water and water supply and delivery arrangements for up to 110 years. The QSA and related agreements provide a framework for Metropolitan to enter into other cooperative Colorado River supply programs and set aside several disputes among California's Colorado River water agencies.

Specific programs under the QSA and related agreements include lining portions of the All-American and Coachella Canals, which conserve approximately 96,000 acre-feet annually. Included under the QSA is an allocation agreement, in which Metropolitan assigned about 80,000 acre-feet of conserved canal lining water per year to the San Diego County Water Authority (SDCWA) for 110 years. Also included is an exchange agreement with SDCWA, under which SDCWA makes available to Metropolitan at Lake Havasu the conserved canal lining water and conserved transfer water from IID, and in exchange Metropolitan delivers a like quantity of water to SDCWA in its service area. Also included under the QSA is the delivery and exchange agreement between Metropolitan and CVWD that provides for Metropolitan, when requested, to deliver annually up to 35,000 acre-feet of Metropolitan's SWP contractual water to CVWD by exchange with Metropolitan's available Colorado River supplies. Metropolitan and CVWD also share in 105,000 acre-feet annually of water conserved by IID, with Metropolitan receiving no less than 85,000 acre-feet. In 2021, the transfer of water conserved annually by IID to SDCWA is expected to reach 205,000 acre-feet. With full implementation of the programs identified in the QSA, at times when California is limited to its basic apportionment of 4.4 million acre-feet per year, Metropolitan expects to be able to annually divert to its service area approximately 900,000 acre-feet of Colorado River water plus water from other water augmentation programs it develops, including the Palo Verde Irrigation District (PVID) program, which provides up to approximately 133,000 acre-feet of water per year.

## **Distribution System**

All water transport facilities not specifically identified as part of the regional conveyance system are considered to be distribution facilities (Distribution System). While conveyance and aqueduct system components are regional in nature and do not link directly to local agency distribution systems, Distribution System facilities do ultimately connect to local agency systems. As a result, these facilities rely on conveyance and aqueduct facilities to import water from regional supply sources. The Distribution System is a complex network of facilities which routes water from the SWP and CRA to storage reservoirs and treatment plants within Metropolitan's member agencies and also to the member agencies. Beginning at the terminal delivery points of the CRA and SWP, Metropolitan's Distribution System includes approximately 775 miles of pipelines, feeders, and canals. The Distribution System includes components dating from the 1930's up to the



**Figure 7: Metropolitan’s Major Distribution System Storage Facilities**



**Table 6: Capacity of Metropolitan’s Distribution System Storage Facilities**

Storage Facilities	Capacity (Acre-feet)
Etiwanda Reservoir	400
Garvey Reservoir	1,610
Orange County Reservoir	212
Palos Verdes Reservoir	1,108
Live Oak Reservoir	2,500
Lake Mathews	182,000
Lake Skinner	44,000
Diamond Valley Lake	810,000
Total Storage Capacity	1,041,830

In addition to the storage facilities shown above, DWR owns and operates four major reservoirs in or near Metropolitan's service area as part of the SWP. Castaic Lake, Elderberry Forebay, and Pyramid Lake are located on the West Branch of the California Aqueduct. Silverwood Lake and Lake Perris are on the East Branch of the California Aqueduct. The total storage capacity of these five reservoirs is approximately 721,600 AF. When cost allocation factors from DWR Bulletin 132 Appendix B, Table B-2 are applied to the operational storage capacities, Metropolitan’s share of storage in these five DWR reservoirs is approximately 644,000 AF. Within these reservoirs, up to 220,000 acre-feet of additional storage is provided for by the



Monterey Amendment to the State Water Contract<sup>3</sup>. During an emergency or drought, Metropolitan may access more or less than 644,000 AF, based on the availability at the reservoirs and need of all State Water Contractors with access to the reservoirs.

Under a conjunctive-use groundwater program, groundwater basins are used to store imported supplies during years when water is abundant. The stored water is then used during shortages and emergencies, reducing demand on imported supplies. Consequently, groundwater conjunctive use enables member agencies to better capture surplus surface flows Metropolitan receives from the SWP and the CRA and reduces demand that would otherwise be placed on Metropolitan's system during dry periods.

## Treatment Plants

In addition to raw water supply, Metropolitan provides treated water to supplement the potable water needs of its member agencies. Table 3 identifies Metropolitan's water treatment plants and related design capacities.

## Metropolitan's Water Treatment Plants

**Table 7: Water Treatment Plants**

Water Treatment Plants	Design Capacity (cfs)
Diemer Filtration Plant	803
Jensen Filtration Plant	1,163
Mills Filtration Plant	341
Skinner Filtration Plant	543
Weymouth Filtration Plant	803
Total	3,652

Metropolitan's water treatment plants are listed in Table 7 and shown geographically in Figure 8. More than 60% of Metropolitan's demand for supplemental treated water is located in a region of the service area referred to as the "Central Pool". Agencies located partially or entirely within the Central Pool include Los Angeles, Orange, and Ventura Counties. Three existing Metropolitan treatment plants serve the Central Pool's treated water needs:

- The Jensen plant in Granada Hills;
- The Weymouth plant in La Verne; and
- The Diemer plant in Yorba Linda.

While some areas of the Central Pool are served by one plant, the three plants together also jointly serve a common area of the Central Pool referred to as the "Common Pool". The Mills plant and the Skinner plant do not serve the Common Pool, but serve areas in the eastern part of Metropolitan's service area.

<sup>3</sup> The Monterey Amendment is explained in further detail at Operational Function Costs, Conveyance and Aqueduct: SWP.

**Figure 8: Metropolitan's Treatment Plants' Geographical Location**

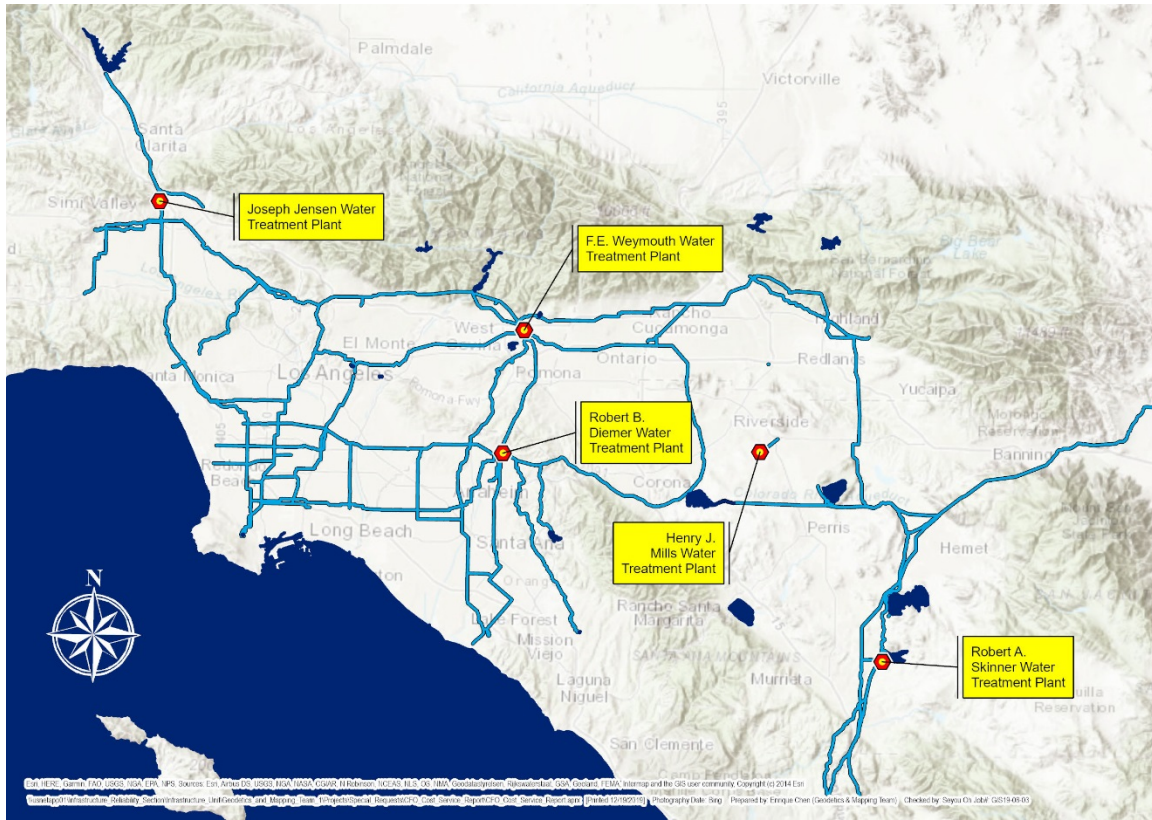


Table 8 shows Metropolitan’s treated and untreated water transactions by member agency for FY 2018/19. Approximately 53 percent of Metropolitan’s water transactions in FY 2018/19 were treated.

**Table 8: Treated and Untreated Water Transactions by Member Agency, FY 2019**

**Acre-Feet**<sup>1, 2</sup>

<b>Agency</b>	<b>Treated (AF)</b>	<b>Untreated (AF)</b>	<b>Total (AF)</b>
Anaheim	6,643	4,379	11,022
Beverly Hills	9,905	-	9,905
Burbank	5,865	12,109	17,973
Calleguas	84,638	-	84,638
Central Basin	14,706	5,340	20,046
Compton	0	-	0
Eastern	50,134	37,121	87,255
Foothill	7,605	-	7,605
Fullerton	5,519	-	5,519
Glendale	14,185	-	14,185
Inland Empire	-	63,870	63,870
Las Virgenes	19,628	-	19,628
Long Beach	25,512	-	25,512
Los Angeles	68,653	73,222	141,875
MWDOC	111,587	71,541	183,128
Pasadena	17,996	-	17,996
San Diego	58,835	287,576	346,411
San Fernando	-	-	-
San Marino	840	-	840
Santa Ana	7,743	-	7,743
Santa Monica	3,157	-	3,157
Three Valleys	33,236	27,435	60,671
Torrance	14,176	-	14,176
Upper San Gabriel	5,420	40,776	46,195
West Basin	117,109	-	117,109
Western	42,696	22,821	65,517
<b>Total</b>	<b>725,786</b>	<b>646,190</b>	<b>1,371,976</b>

<sup>1</sup> Water Transactions include sales, exchanges, and wheeling.

<sup>2</sup> Water Transactions are based on occur period.

## Hydroelectric Facilities

Metropolitan's Distribution System has 16 small hydroelectric plants located throughout the service area. The plants are located in Los Angeles, Orange, Riverside, and San Diego Counties as shown in Figure 9. The combined generating capacity of these plants and the generating capacity at Diamond Valley Lake (DVL) are approximately 131 megawatts. Depending upon annual water deliveries, projected annual income for the next several years is expected to range between \$11 million and \$13 million.



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# DEVELOPMENTS

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Today, Metropolitan finds that its challenges and goals are evolving. The Board of Directors in the 1990s was deeply concerned with member agencies relying too much on importing supplies from Northern California and the Colorado River. Programs to regionalize conservation efforts and to incentivize new local supplies such as the LRP were developed. This approach was developed through regional long-term planning via Metropolitan's Integrated Water Resources Plan (IRP) initiated in 1996.

Today, there is a shifting water landscape. Population growth and water demands, in large part due to tremendous strides in water use efficiency, are far less than once predicted. Metropolitan's water transactions, which include sales, exchanges, and wheeling, in fiscal year 2019 were the lowest in nearly 40 years. A new generation of larger local supply projects are in the planning stages.

Delivery of imported supplies will always be a foundation to meet ongoing regional demands, even with climate change, and importantly so will storage of imported water for droughts and emergencies. The evolving mix of Southern California's future water portfolio is still to be determined and will be impacted by future policies and decisions made by Metropolitan's Board.

In March 2020, COVID-19 spread throughout the United States and the world. The World Health Organization declared a COVID-19 pandemic on March 11, 2020. Stay-at-home orders, other social distancing directives, and state-of-emergency orders went into effect within Metropolitan's service area, throughout California, and throughout the nation. Utility retailers, including some member agencies of Metropolitan and agencies that purchase water from them, anticipate their customers are likely to be adversely impacted financially. Those impacts may result in the inability to pay utility bills, which would create financial stress on Metropolitan's member agencies. The extent of the financial impact to be caused by the COVID-19 pandemic is unknown as of the time of this Report, as are the relief measures the federal and state governments may provide to assist in such impacts. But it is certain that the financial impact to Metropolitan's region and beyond will be significant and far-reaching. Metropolitan is already seeing delay in continuing some Capital Investment Plan (CIP) work, which is anticipated to continue into the next biennial budget cycle. These and other changed circumstances affect certain assumptions previously made in the proposed budget, rates, and charges, and the Cost of Service Report prepared in January 2020.

As a result of the COVID-19 crisis, staff provided a revised, updated budget and rate recommendation to the Board on April 5, 2020 and presented it to the F&I Committee on April 13, 2020. The revisions to the biennial budget recognized the anticipated reduced expenditures in the CIP due to the COVID-19 impact on projects, and the changing anticipated demand in treated and untreated water due to PFAS (Per- and Polyfluoroalkyl Substances) issues. It is anticipated that potential detection of PFAS in groundwater will result in decreased untreated water demand for groundwater replenishment and more treated water demand for potable use.

Specifically, the biennial budget was revised as follows:

- 50 thousand acre-feet (TAF) untreated water sales projections were shifted to treated water sales as a result of the impact PFAS will likely have on demand for replenishment water;
- CIP expenditures were reduced \$25 million in FY 2020/21 with an updated assumption that only 80 percent of planned spending will be completed in FY 2020/21, given the likely impacts of COVID-19 on scheduling of construction work; and
- PAYGO funding was reduced to 55% in FY 2020/21 to preserve cash reserves during the pandemic emergency.



The Board also directed staff to explore potential cost reductions in the biennial budget cycle of FY 2020/21 and FY 2021/22, including in the following areas: a) factor for unrealized staffing levels; b) reduce advance recruitment for overlapping staffing positions, as part of succession planning; c) match CIP appropriations to a slowdown in expenditures; d) suspend the director inspection trip program and eliminate or reduce non-essential Board and staff travel; e) suspend fleet vehicle and other equipment purchases; and f) plan for strategic use of reserves and financing to preserve cash reserves. Staff will present updated information to the Board at its September 2020 regular meeting. The Board adopted the Biennial Budget and associated Ten-Year Financial Forecast, as modified and amended, on April 14, 2020.

Detailed information, including the proposed budget, rates and charges, cost of service analysis, and cost of service report, was made available to the public on our website during the process and was considered by the Board, the F&I Committee and member agencies. In addition, Metropolitan received written communications from a number of individuals and organizations, as well as public comments at its meetings and workshops.

## Delta Conveyance

Within the region's water portfolio, supplies from the SWP remain an essential baseline water source for Southern California. Water from Northern California delivered through the SWP has provided key supplies in wet years to manage against dry years, and it is the only imported supply that can physically reach significant portions of Metropolitan's service area. This water source faces uncertainties due to climate change and the Delta's badly outdated delivery system; these problems are compounded by a declining ecosystem and 1,100-mile levee systems that are increasingly vulnerable.

California WaterFix was a comprehensive science-based solution proposed by the state to modernize critical water delivery infrastructure of the SWP. The California WaterFix proposed construction of new water intakes in the north Delta and two 40-foot diameter tunnels under the Delta terminating at a forebay in the south Delta. This would have fulfilled the requirement of the 2009 Delta Reform Act to contribute toward meeting the coequal goals of more reliably delivering water for California and protecting, restoring and enhancing the Delta ecosystem.

The estimated cost of California WaterFix was about \$17 billion in 2017 dollars, with Metropolitan's share about 26 percent of that, or \$4.3 billion. Metropolitan's Board authorized funding its share of the project and also the acquisition of an unsubscribed share of the project, for a total of up to 64.6% with an approximate cost of \$10.8 billion.

On April 29, 2019, Governor Newsom issued an executive order directing State agencies to develop a comprehensive statewide strategy to build a climate-resilient water system that included consideration of a single-tunnel Delta conveyance facility instead of the approved two-tunnel WaterFix project. In light of this order, DWR and the State Water Contractors deleted the WaterFix cost provisions from the current amendment process leaving only the water management provisions and embarked on a new public process to further negotiate proposed amendments related to cost allocation for a potential new Bay-Delta conveyance project. **As a result, the costs of any such new project are yet unknown and Metropolitan's projected up to \$10.8 billion costs for California WaterFix are no longer included in its current or future budgeting or projections.**

Metropolitan intends to work with the Newsom administration on developing a refined Delta conveyance project that addresses the needs of cities, farms and the environment. The Biennial Budget includes Metropolitan's planned contribution of \$25 million in FY 2020/21 and \$25 million in FY 2021/22 for Delta conveyance project planning activities. This contribution follows Board policy that staff work with the State to find solutions to improve Delta conveyance. The focus over the next two years will be supporting the DWR as it seeks permits for a Delta conveyance project; participating in the Delta Conveyance Design and Construction Authority; and continuing to put forward sound scientific research to help inform and improve Delta management decisions. If staff determines that Metropolitan's appropriate contribution toward planning activities should exceed the budgeted amount, the General Manager will request authorization from the Board for additional funding. Additionally, the Board will separately consider Metropolitan's participation

in a new Delta conveyance project once that proposed project is finalized by DWR. Information regarding the Delta conveyance project is located on Metropolitan's website at <http://www.mwdh2o.com/DocSvcsPubs/DeltaConveyance/index.html>.

## Regional Recycled Water Program

The Regional Recycled Water Program (RRWP), is a partnership between Metropolitan and the Sanitation Districts of Los Angeles County. On July 11, 2017, Metropolitan's Board voted to award a contract for the construction of an advanced water treatment demonstration facility that will take treated wastewater and purify it through various advanced treatment technologies to produce a safe, high-quality water source to replenish the region's groundwater basins. The RRWP's demonstration facility will produce 500,000 gallons per day and will be operated for at least one year to generate information needed to increase the efficiency of the treatment processes that may be used in a potential full-scale recycled water facility. The potential full-scale project, viewed as a potential third source of water for Metropolitan, would provide a reliable, drought-proof, climate-resilient, local supply for indirect potable reuse (IPR) through groundwater basin recharge, direct potable reuse (DPR) through raw water augmentation at Metropolitan's treatment plants, and direct industrial use. If approved, the full-scale project will produce 150 million gallons per day (mgd), or approximately 168,000 acre feet (AF) per year (AFY), of purified water.

Construction of the 0.5 mgd advanced water treatment demonstration plant was approved in 2017 and was completed in August 2019. Testing and operation of the plant to confirm treatment costs and provide the basis for regulatory approval of the proposed treatment process and technical recommendations concerning design, operation, and optimization of the full-scale RRWP will be completed in 2020. **The Board has not yet committed to a full-scale project; however, the planning costs for the backbone system of the RRWP is included in the Biennial Budget in the order of \$15 million in each year.** Information regarding the RRWP is located on Metropolitan's website at <http://www.mwdh2o.com/DocSvcsPubs/rrwp/index.html#home>.

## 2020 IRP Update

The IRP is a plan for providing reliable and affordable water to Southern California for the next 25 years, from its inception in 1996 and then from regular updates, most recently in 2015. It broadly identifies and aligns regional and local needs, priorities, resources and opportunities, both in the scale of actions and in their timing. The emphasis is on its broad collaborative approach to planning.

Each IRP sets important targets for actions such as developing local supply, water use efficiency, or average-year expectations from the Colorado River and the SWP. It does not signal that Metropolitan will build or pay for any specific initiative or project to meet those targets, nor does it assume any particular local supply project will be funded or constructed. The IRP is a method for setting targets and reassessing them approximately every five years along with the Urban Water Management Plan.

Metropolitan is preparing to develop the 2020 IRP Update during calendar year 2020. During this update Metropolitan's Board will be faced with deciding the vision for Metropolitan's second century – to provide service at reduced levels of demand or stand by ready to provide the insurance of a system able to serve at higher capacity. This vision will help drive the direction of the 2020 IRP Update as well as many other decisions.

## Rate Structure Review

Since its creation Metropolitan has shifted from receiving the bulk of its revenues from a single source, ad valorem property taxes, to a mix of fixed charges and volumetric rates. This shift took place over decades for numerous reasons, including the availability of water to deliver to Metropolitan's member agencies. Currently about 80 percent of Metropolitan's revenues come from the volumetric rates and the remaining 20 percent

comes from fixed sources such as the fixed charges, ad valorem property taxes, and miscellaneous revenue sources including interest income, hydroelectric power sales, leases and grant funding.

Member agencies' purchases and use of Metropolitan's system have always varied for a variety of reasons, with member agencies able to call on Metropolitan's services at various levels from year to year. Because Metropolitan's deliveries to its member agencies have generally remained consistent on a long-term basis (as opposed to year-to-year), the volumetric revenue base has provided consistent necessary revenue for Metropolitan. **However, if through the IRP process the Board determines that reliance on Metropolitan will be less consistent, such as a standby insurance provider, then the current rate structure may not be consistent with that role.** Any changes to the rate structure should seek to maintain a structure that is sustainable for the long-term and remains equitable to Metropolitan's member agencies throughout the service area.

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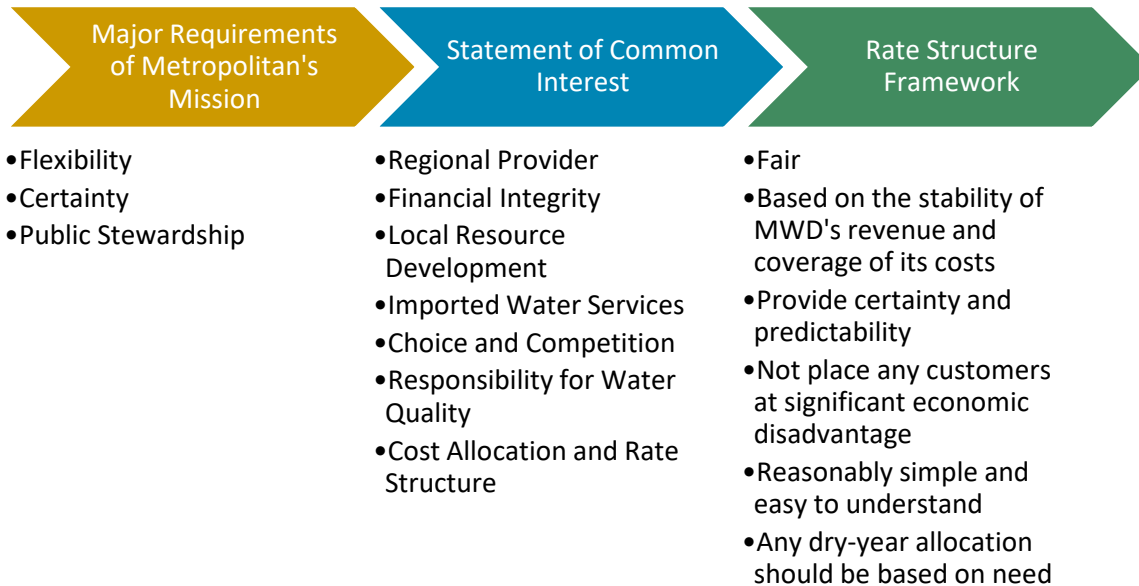
# RATE STRUCTURE

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## Framework

The Rate Structure Framework evolved through a comprehensive strategic planning process initiated in 1998. As depicted in the following figure, the first step of the process was to identify the “Major Requirements of Metropolitan’s Mission,” which was reflected in the Strategic Plan Policy Principles. The Statement of Common Interests formed the basis of Metropolitan’s strategic plan to address these mission requirements. One of the most important common interests was “Cost Allocation and Rate Structure.” In determining the most appropriate Cost of Service (COS) and rate structure, a set of pricing objectives, or guiding rate principles, was developed. These guiding rate principles defined Metropolitan’s Rate Structure Framework by which various COS and rate-setting methodologies could be evaluated.

### Development of the Rate Structure Framework



The strategic planning process which established the foundation of the Rate Structure Framework is discussed below.

### Major Requirements of Metropolitan’s Mission

As one of the first steps in the strategic planning process in 1998, the Board developed a list of three mission requirements in its Metropolitan vision statement – flexibility, certainty, and public stewardship:

- **Flexibility.** Metropolitan is aware of the legislative and economic pressures which make flexibility in providing water services for a changing demand and in a competitive water market paramount. Fair compensation for wheeling through Metropolitan’s conveyance systems is an essential element of Southern California’s developing market.

- **Certainty.** The certainty that Metropolitan’s water supply is reliable, and that the COS is appropriate is of utmost importance to member agencies and their retailers who are endeavoring to provide not only water, but value to the residents in their service area.
- **Public Stewardship.** As public stewards of much of Southern California’s water supply, Metropolitan and its member agencies are responsible for making certain that the water is provided in a cost-effective and environmentally sound manner.

## Statement of Common Interests

From the strategic planning mission requirements, the Board developed a list of seven areas of common interest that formed the major focus elements of the Metropolitan strategic plan:

- **Regional provider.** This area includes the concerns of protecting regional infrastructure and providing service during drought periods. Regional water must be provided to meet the needs of the member agencies, and water supplies must be equitably allocated during drought periods based on the Water Surplus and Drought Management Plan principles.
- **Financial integrity.** It is a common interest of the members for Metropolitan to assure the financial integrity of the agency in all aspects of its operations.
- **Local resource development.** Metropolitan supports local resources development by working in partnership with its member agencies and by providing member agencies with financial incentives for water conservation and for local projects.
- **Imported water service.** Metropolitan is responsible for providing imported water to meet the committed needs of its member agencies.
- **Choice and competition.** After Metropolitan provides imported water for the member agencies’ committed demands, a member agency can choose the most cost-effective additional water supplies for its customers. These choices include either Metropolitan, local resource development, market transfers, or some combination of these secondary options. Metropolitan and its member agencies can decide how to provide these additional supplies collaboratively while balancing local, imported, and market opportunities with affordability.
- **Responsibility for water quality.** Metropolitan must advocate source water quality and implement in-basin water quality for the imported water it supplies. This is necessary to guarantee compliance with primary drinking water standards and to meet the water quality requirements for water recycling and ground water replenishment.
- **Cost allocation and rate structure.** The framework for a revised rate structure will be established to address allocation of costs, financial commitment, unbundling of services, and fair compensation for services including wheeling, peaking, growth, and others.

## Rate Structure Framework

A major element of common interest was “*Cost Allocation and Rate Structure.*” In addressing this element, a set of pricing objectives, or guiding rate principles, had to be developed to evaluate alternative COS and rate setting approaches, or methodologies. As a result, the Board adopted a set of rate principles which was defined as the *Rate Structure Framework*. The Rate Structure Framework provided the principles for the Strategic Planning Steering Committee to develop a preferred rate structure. The Rate Structure Framework includes the following principles:

- The rate structure should be *fair*;
- It should be based on the *stability* of Metropolitan’s revenue and coverage of its costs;
- It should provide certainty and predictability;

- It should not place any customers at *significant economic disadvantage*;
- It should be reasonably *simple and easy to understand*; and
- Any dry-year allocation should be *based on need*.

The 2001 COS and rate structure was adopted by the Board to address the Rate Structure Framework.

## Rate Structure Design

The elements of the rate structure, and the rates and charges for calendar year 2020 are summarized in Table 9 below:

**Table 9: Rate Elements, Calendar Year 2020**

Rate Design Elements	Functional Costs Recovered	Type of Charge	Rate or charge effective January 1, 2020
Tier 1 Supply Rate	Supply, Drought Storage	Volumetric (\$/af)	\$208
Tier 2 Supply Rate	Reflects cost of transfers from north of the Delta	Volumetric (\$/af)	\$295
System Access Rate	Conveyance/Distribution (Average Capacity), portion of Regulatory/Emergency Storage	Volumetric (\$/af)	\$346
Water Stewardship Rate	Demand Management	Volumetric (\$/af)	\$65
System Power Rate	Power on CRA and SWP	Volumetric (\$/af)	\$136
Treatment Surcharge	Treatment	Volumetric (\$/af)	\$323
Capacity Charge	Peak Distribution Capacity, portion of Regulatory Storage	Fixed (\$/cfs)	\$8,800
Readiness-to-Serve Charge	Available Conv. & Dist. Capacity, Emergency Storage	Fixed (\$M)	\$136

## Supply Rates

### Purpose

The rate structure recovers supply costs through a two-tiered price structure. The amount of water a member agency may purchase at a lower Tier 1 Supply Rate, water sales within a member agency's Tier 1 maximum, is established by either a purchase order agreement or calculated as 60% of its Revised Base Firm Demand.

#### Tier 1 Supply Rate

The Tier 1 Supply Rate is a volumetric rate charged on Metropolitan's water sales that are within a member agency's Tier 1 maximum. The Tier 1 Supply Rate supports a regional integrated approach through the uniform, postage stamp rate. The Tier 1 Supply Rate is calculated as the amount of the total revenue requirement functionalized as supply divided by the estimated amount of Tier 1 water sales.

#### Tier 2 Supply Rate

The Tier 2 Supply Rate is a volumetric rate that reflects Metropolitan's cost of purchasing water transfers north of the Delta. The Tier 2 Supply Rate is charged on Metropolitan water sales that exceed a member agency's Tier 1 maximum. The Tier 2 Supply Rate encourages the member agencies and their customers to maintain existing local supplies and develop cost-effective local supply resources and conservation.

## Implementation

Because the Tier 1 maximum is set at a total member agency level and not at a meter level, all system water delivered will be billed at the Tier 1 Supply Rate. Any water delivered that exceeds the Tier 1 maximum will be billed an additional amount equivalent to the difference between the Tier 2 and Tier 1 Supply Rates.

For member agencies without purchase orders and member agencies with purchase orders that accrue a cumulative Tier 2 obligation at the end of year five of the purchase order, the Tier 2 Supply Rate will be applied in the month where the Tier 1 maximum is surpassed on all applicable deliveries. Otherwise, any obligation to pay the Tier 2 Supply Rate will be calculated over the ten-year period, consistent with the calculation of any purchase order commitment obligation.

## System Access Rate (SAR)

### Purpose

The SAR recovers the costs of Conveyance, Distribution, and Storage that is used on an average annual basis through a uniform, volumetric rate. All member agencies pay the SAR for access to conveyance and distribution capacity in the Metropolitan system.

### Implementation

The SAR is charged for each acre-foot of water transported by Metropolitan, regardless of the ownership of the water being transported. All member agencies using the Metropolitan system to transport water pay the same SAR for the use of the system conveyance and distribution capacity used to meet average annual demands.

**As explained further below, the rate for wheeling service which has included the SAR is inapplicable in calendar years 2021 and 2022.**

## Water Stewardship Rate (WSR)

### Purpose

The WSR provided a dedicated source of funding for Metropolitan's demand management function through a uniform, volumetric rate recovered through the end of calendar year 2020. Metropolitan's demand management operations functions include past and future conservation and local resources projects. Because of the uniform benefits conferred on all system users by investments in conservation and local resources, all users of Metropolitan's conveyance and distribution system paid the WSR except for exchange deliveries to SDCWA in calendar years 2018 through 2020.

### Implementation

The WSR was charged to each acre-foot of water delivered by Metropolitan through the end of calendar year 2020, regardless of the water being transported, except for the noted exchange deliveries. All system users benefit from avoided system infrastructure costs through conservation and local resources development, and from the system capacity made available by investments in Demand Management Programs like Metropolitan's Conservation Program and Local Resources Program. Therefore, all users paid the WSR through the end of calendar year 2020, except on water delivered to SDCWA pursuant to the Exchange Agreement in calendar years 2018, 2019, and 2020.

Metropolitan's Board suspended the billing and collection of the WSR for calendar years 2018, 2019, and 2020 on exchange deliveries to SDCWA pending Metropolitan's completion of a cost allocation study of its demand management costs. Having completed the demand management cost allocation process, in December 2019 Metropolitan's Board directed staff: (1) to incorporate the use of the 2019/20 fiscal-year-end balance of the Water Stewardship Fund to fund all demand management costs in the proposed FY 2020/21 and 2021/22 biennial budget; and (2) to not incorporate the WSR, or any other rates or charges to recover demand management costs, with the proposed rates and charges for CYs 2021 and 2022. This decision



provided the Board additional time to consider a rate design alternative for recovery of future demand management costs.

Therefore, as a result of this Board decision, the WSR is not incorporated in this COS analysis and Report. The full-service rate will not include the WSR element during the biennial period. Further, because the rate at Metropolitan Administrative Code Section 4405(b) for wheeling service to member agencies for a period of up to one year—as defined in Sections 4119 and 4405(a)—includes the Water Stewardship Rate, the rate for wheeling service at Section 4405(b) is deemed inapplicable during that period. Any wheeling service to any member agency pursuant to Section 4405(a) will be provided at a price for the transaction to be agreed upon by Metropolitan and the member agency (as is already the case for wheeling of over one year to member agencies and wheeling of any duration to third parties).

## **System Power Rate (SPR)**

### **Purpose**

The SPR recovers the costs of energy required to pump water to Southern California through the SWP and CRA. The cost of power is recovered through a uniform, volumetric rate.

### **Implementation**

The SPR is applied to all deliveries of Metropolitan water to member agencies. Under Metropolitan Administrative Code Section 4405(b), member agencies pay for actual cost (not system average) of power needed to move the water for wheeling transactions under section 4405(a). Therefore, the SPR is not applicable to wheeling arrangements. However, as explained above, the rate for wheeling service at Section 4405(b) is not applicable during the biennial period. Still, it is anticipated that charges for wheeling by any party will include the actual costs of power needed to move water and not the SPR. For example, a third party wheeling water through the California Aqueduct would pay the variable power cost associated with using the SWP transportation facilities.

## **Treatment Surcharge**

### **Purpose**

The Treatment Surcharge recovers all of the costs of providing treatment capacity and operations through a uniform, volumetric rate per acre-foot of treated water transactions.

### **Implementation**

The Treatment Surcharge is charged to all treated water transactions.

## **Capacity Charge**

### **Purpose**

The Capacity Charge recovers the costs incurred to provide peak capacity within the Distribution System. The Capacity Charge also provides a price signal to encourage agencies to reduce peak demands on the Distribution System and to shift demands that occur during the May 1 through September 30 period into the October 1 through April 30 period, resulting in more efficient utilization of Metropolitan's existing infrastructure and deferring capacity expansion costs.

### **Implementation**

Each member agency will pay the Capacity Charge per cubic feet per second (cfs) based on a three-year trailing peak (maximum) day demand, measured in cfs. Each member agency's peak day is likely to occur on different days; therefore, this measure approximates peak week demands on Metropolitan.



## Readiness-To-Serve Charge (RTS)

### Purpose

The RTS recovers the cost of the portion of system that is available to provide emergency service and available capacity during outages and hydrologic variability.

### Implementation

The RTS is a fixed charge that is allocated among the member agencies based on a ten-fiscal-year rolling average of firm demands. Water transfers and exchanges are included for purposes of calculating the ten-year rolling average<sup>4</sup>. The Standby Charge is collected at the request of some member agencies that have elected to use the charge as a direct offset to the member agency's RTS obligation.

## Purchase Order Option

### Purpose

The current rate structure allows member agencies to choose to purchase water from Metropolitan by means of a Purchase Order. Purchase Orders are voluntary agreements that determine the amount of water that a member agency can purchase at the Tier 1 Supply Rate. They allow member agencies to purchase a greater amount of water at the lower Tier 1 Supply Rate than would otherwise be authorized by the Administrative Code. In exchange for the higher Tier 1 Maximum, the member agency commits to purchase a specific amount of water (based on past purchase levels) over the term of the agreement. Such agreements allow member agencies to manage costs and provide Metropolitan with a measure of secure revenue.

In November 2014, the Metropolitan Board approved new Purchase Orders effective January 1, 2015 through December 31, 2024 (the "Purchase Order Term"). Twenty-one of the twenty-six-member agencies have Purchase Orders, which commit the member agencies to purchase a minimum amount of supply from Metropolitan (the "Purchase Order Commitment").

The key terms of the Purchase Orders include:

- A ten-year term, effective January 1, 2015 through December 31, 2024;
- A higher Tier 1 limit based on the Base Period Demand, determined by the member agency's choice between (1) the Revised Base Firm Demand, which is the highest fiscal year purchases during the 13-year period of fiscal year 1989/90 through fiscal year 2001/02, or (2) the highest year purchases in the most recent 12-year period of fiscal year 2002/03 through 2013/14. The demand base is unique for each member agency, reflecting the use of Metropolitan's system water over time;
- An overall purchase commitment by the member agency based on the Demand Base period chosen, times ten to reflect the ten-year Purchase Order term. Those agencies choosing the more recent 12-year period may have a higher Tier 1 Maximum and commitment. The commitment is also unique for each member agency.
- The opportunity to reset the Base Period Demand using a five-year rolling average;
- Any obligation to pay the Tier 2 Supply Rate will be calculated over the ten-year period, consistent with the calculation of any Purchase Order commitment obligation; and
- An appeals process for agencies with unmet purchase commitments that will allow each acre-foot of unmet commitment to be reduced by the amount of production from a local resource project that commences operation on or after January 1, 2014.

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<sup>4</sup> The SDCWA exchange water transactions are excluded from the calculation of the ten-year rolling average per the terms of the parties' exchange agreement.

Member agencies that do not have Purchase Orders in effect are subject to Tier 2 Supply Rates for amounts exceeding 60 percent of their base amount (equal to the member agency's highest fiscal year demand between 1989/90 and 2001/02) annually.

### Implementation

Purchase Order Commitments are unique for each member agency. The commitment is calculated based on the demand base chosen (the "Base Period Demand") and multiplied by ten to reflect the ten-year Purchase Order Term. If a member agency opted to use the Revised Base Firm Demand, which is the highest fiscal year purchases during the original 13-year period of fiscal year 1989/90 through fiscal year 2001/02 for their Purchase Order, their Commitment is 60% of the 2003 Initial Base Firm Demand, the same as the previous Amended and Restated Purchase Order agreement, multiplied by ten. If a member agency opted to use the more recent 12-year period of fiscal year 2002/03 through fiscal year 2013/14 for their Purchase Order, their Commitment is 60% of the highest year in the period of fiscal year 2002/03 through fiscal year 2013/14, multiplied by ten. The Purchase Order Commitment is fixed for the Purchase Order Term.

At the end of the Purchase Order Term, if the member agency has not purchased enough firm supply to meet its Purchase Order Commitment, it will be billed for the remaining balance of the Purchase Order Commitment at the average of the Tier 1 Supply Rate in effect during the Term. This payment may be prorated with interest evenly over the next 12 invoices.

If a member agency fulfills its Purchase Order Commitment prior to the end of the Purchase Order Term, then the member agency has met its obligation under the Purchase Order. The member agency may continue to purchase up to 90 percent of its cumulative Base Period Demand over the Term at the Tier 1 Supply Rate for the duration of the Purchase Order Term.

Firm water purchases made under the terms of the Purchase Order agreements are subject to reduction in accordance with the shortage allocation provisions of the Water Surplus and Drought Management Plan (WSDM Plan) implemented through the Water Supply Allocation Plan (WSAP). In the event that Metropolitan's Board or General Manager determines to reduce, interrupt or suspend deliveries of water, any outstanding balance of the Purchase Order Commitment at the end of the Term will be reduced by the "Purchase Order Commitment—Annual Average" for each and every fiscal or calendar year that a reduction, interruption or suspension occurred.

The following water transactions will be counted toward the Purchase Order Commitment:

- Full-service sales (Tier 1 or Tier 2 Supply Rates) of treated or untreated water
- Conjunctive Use sales
- Cyclic sales.

The current bundled full-service costs are shown in Table 10.

**Table 10: Bundled Full-Service Costs<sup>5</sup>**

Rate Type	Type of Charge	Rate or charge effective January 1, 2020
Tier 1 Full-Service Untreated Cost	Volumetric (\$/af)	\$755
Tier 2 Full-Service Untreated Cost	Volumetric (\$/af)	\$842
Tier 1 Full-Service Treated Cost	Volumetric (\$/af)	\$1,078
Tier 2 Full-Service Treated Cost	Volumetric (\$/af)	\$1,165

The Tier 1 Full-Service Untreated Cost consists of the following rate elements: The Tier 1 Supply Rate, the System Access Rate, the System Power Rate, and the Water Stewardship Rate.

The Tier 2 Full-Service Untreated Cost consists of the following rate elements: The Tier 2 Supply Rate, the System Access Rate, the System Power Rate, and the Water Stewardship Rate.

The Tier 1 Full-Service Treated Cost consists of the following rate elements: The Tier 1 Supply Rate, the System Access Rate, the System Power Rate, the Water Stewardship Rate, and the Treatment Surcharge.

The Tier 2 Full-Service Treated Cost consists of the following rate elements: The Tier 2 Supply Rate, the System Access Rate, the System Power Rate, the Water Stewardship Rate, and the Treatment Surcharge.

<sup>5</sup> Nineteen of Metropolitan’s member agencies have invoices prepared using bundled rates; seven of Metropolitan’s member agencies have invoices prepared using the unbundled rate elements.

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# COST OF SERVICE

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A cost of service (COS) report contains analysis of costs using a methodology to equitably allocate the revenue requirements of a utility between the various users of service. Costs of operating a utility are not accounted for on a specific user or service basis. Many costs are incurred for the joint benefit of all users, while other costs may benefit only the users of certain services. Metropolitan uses the COS methodology to functionalize, allocate and distribute costs to services provided. The unbundled rate structure is used to collect revenue based on the services provided to different member agencies. Metropolitan provides two services to its member agencies, full-service water (treated and untreated) and wheeling. Exchanges and other arrangements are provided on a contractual basis.

## AWWA Guidelines

The American Water Works Association (AWWA) is the professional association which, among other functions, identifies water industry standards for financial management and rate-setting practices. AWWA publishes a document on these topics in its Manual of Water Supply Practices series, which is the AWWA's M1, Principles of Water Rates, Fees, and Charges, Seventh Edition.

AWWA manual M1 Seventh Edition delineates a number of guidelines and principles that are intended to be observed in the broad development of cost of service and rate setting steps<sup>6</sup>. The COS process reflects the M1 Seventh Edition guidelines and principles, which were carefully considered in the conceptual design of the Metropolitan COS. Major AWWA guidelines and principles considered in the proposed COS approach are outlined below.

- One of the most effective methods used to accommodate the impact of rapidly increasing costs on rate design is the use of a "forward looking" or prospective rate period. This procedure is frequently used by government-owned utilities in determining cost of service. The COS follows this approach by incorporating budget data for upcoming fiscal years, using projected debt service and State Water Contract payment obligation data, and applying annual escalation factors to operations and maintenance costs.
- The purpose of performing functional assignment of costs is to express the utility's cost of service in terms that make it possible to allocate and then distribute costs to services in accordance with the costs of serving each class of customer, or in Metropolitan's case, each function type. In keeping with AWWA recommendations, the functional assignment and commodity/demand allocation modules of the COS allow identification of functional cost components at a level that allows the unbundling of Metropolitan's rates.
- The cash-needs approach to identifying revenue requirements is one of two methodologies endorsed by AWWA principles and is frequently used by government-owned utilities. The COS's revenue requirements module is consistent with this approach.
- In areas where seasonal usage patterns impose significant demands on the utility, consideration may be given to separate charges for such use. System costs associated with accommodating seasonal use may be recovered either through rates applied to separate metering for such services or through charges applied based on seasonal use. This principle is consistent with the conceptual design of the COS's allocation module.

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<sup>6</sup> The majority of the M1 Seventh Edition is written for utilities providing retail service or combined retail and wholesale service. The distinction in practices for wholesale-only utilities is indirect; care must be taken to be attuned to these distinctions such that the guidelines are not incorrectly applied or misrepresented.

General principles for establishing charges state that:

- Beneficiaries of a service should pay for that service.
- The level of service charges should be related to the cost of providing the service.
- The price of services may be used to change user behavior and demand for the good or service.<sup>7</sup>

The proposed COS process is consistent with these principles.

AWWA's M1 Seventh Edition provides rate-setting objectives as a basis for evaluating water utility rate designs. These objectives have all been considered in the development of the proposed COS process and resulting rates, fees and charges for service<sup>8</sup>.

- Effectiveness in yielding total revenue requirements (full cost recovery).
- Revenue stability and predictability.
- Stability and predictability of the rates themselves from unexpected or adverse changes.
- Promotion of efficient resource use (conservation and efficient use).
- Fairness in the apportionment of total costs of service among the different ratepayers.
- Avoidance of undue discrimination (subsidies) within the rates.
- Dynamic efficiency in responding to changing supply and demand patterns.
- Freedom from controversies as to proper interpretation of the rates.
- Simple and easy to understand.
- Simple to administer.
- Legal and defensible.

It should be noted that there are circumstances in which some of these objectives can be in conflict with each other. For example, competing objectives could be conservation and revenue stability. To incentivize conservation, a utility might develop a rate structure that was 100 percent volumetric. To provide revenue stability, the same utility might develop a rate structure that was 100 percent fixed. Because of such conflict potential, all of the AWWA pricing objectives must be carefully balanced when selecting a preferred COS and rate setting approach.

## Cost of Service

Prior to discussing the specific rates and charges that make up the rate structure, it is important to understand the cost of service process that supports the rates and charges. The AWWA M1 Seventh Edition sets out the steps in the COS process as: (1) identify which costs should be recovered through rates and charges (the revenue requirement); (2) organize costs into operational functions (functionalize); (3) allocate operational function costs on the basis for which the cost was incurred (allocate); and (4) distribute costs to rate elements (distribute). The process acronym is FAD: functionalize, allocate, distribute. The balance of this report uses this nomenclature, while tailoring the process to Metropolitan's unique service obligations and member agency needs.

The purpose of sorting Metropolitan's costs in a manner that reflects the type of function (e.g., supply vs. conveyance), the characteristics of the cost (e.g., fixed or variable) and the reason why the cost was incurred

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<sup>7</sup> Metropolitan's rate structure does not use pricing in its service rates to encourage conservation and local resource development by member agencies. Metropolitan's rates reflect the cost of providing its services. Metropolitan invests in demand management, by providing incentives to those conserving and developing local resource projects that reduce the price of those projects for the participants. Those demand management investments lower system costs and reduce the need for Metropolitan to import additional supplies into the service area.

<sup>8</sup> Manual of Water Supply Practices, M1, Principles of Water Rates, Fees and Charges, American Water Works Association, Seventh Edition, pg.4

(e.g., to meet peak or average demand) is to create logical cost of service “building blocks”. The building blocks can then be arranged to design rates and charges with a reasonable nexus between costs and benefits.

## Cost of Service Process

The general cost of service process involves the basic steps outlined below.

### Step 1 - Development of Revenue Requirements

In the revenue requirement step, the costs that Metropolitan must recover through rates and charges, after consideration of revenue offsets (such as property tax revenue, interest income, and miscellaneous income), are identified. The cash-needs approach, an accepted industry practice for government-owned utilities, has historically been used in identifying Metropolitan’s revenue requirements<sup>9</sup>. Although the utility approach would be acceptable under AWWA guidelines, the cash-needs approach was applied for the purposes of this study. All of Metropolitan’s costs fall under the broad categories of either Departmental Costs or General District Requirements. Departmental Costs include budgeted items identified with specific departments within Metropolitan. General District Requirements primarily consist of requirements associated with the CRA, SWP, Supply Programs, Demand Management Programs, and capital financing costs. General District Requirements also include reserve fund transfers required by bond covenants and Metropolitan’s Administrative Code. Under the cash needs approach, revenue requirements include operating costs and annual requirements for meeting financed capital items (debt service and funding of the CIP from operating revenues).

### Step 2 - Functionalization of Costs

Allow for the development of rates that properly reflect the costs of providing different service types (full-service (treated and untreated) and wheeling), revenue requirements should be categorized based on the operational functions associated with each cost. In the functional assignment step, revenue requirements are assigned to different categories based on the operational functions associated with each cost. The functional categories are identified in such a way as to allow the development of logical assignment bases. The functional categories used in this cost of service process include:

- Supply
- Conveyance and Aqueduct
- Storage
- Treatment
- Distribution
- Demand Management
- Administrative and General
- Hydroelectric

These functional assignments reflect the unique functions that Metropolitan undertakes and enable the ultimate unbundling of services consistent with the Strategic Plan Policy Principles. In order to provide more finite functional assignment, many of these functional categories are subdivided into more detailed sub-functions in the COS process. For example, costs for the Supply and Conveyance and Aqueduct functions are further subdivided into the sub-functions SWP, CRA, and Other. Similarly, costs in the Storage function are broken down into the sub-functions Emergency Storage, Drought Carryover Storage, and Regulatory Storage.

### Step 3 - Allocation of Costs

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<sup>9</sup> The primary difference between the two methods is how capital-related costs are approached. The cash-needs approach uses debt service on bonds and capital funded from rates; the utility approach uses depreciation and a return on Rate Base or Investment.



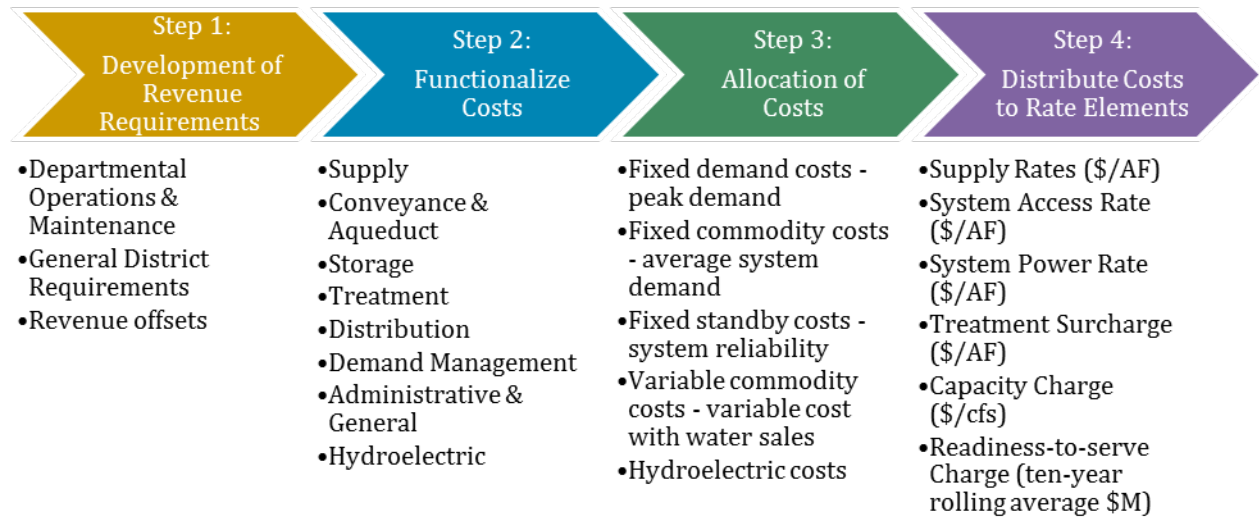
In the cost allocation step, functionalized costs are separated into categories according to their causes and behavioral characteristics. Proper cost allocation is critical in developing a rate structure that recovers costs in a manner consistent with the causes and behaviors of those costs. Under AWWA guidelines, cost allocation may be done using either the Base/Extra-Capacity approach or the Commodity/Demand approach. In the simplest sense, these approaches offer alternative means of distinguishing between utility costs incurred to meet average or base demands and costs incurred to meet peak demands. The Commodity/Demand approach was selected because it: (1) is best suited for systems where design criteria are focused on peaking patterns within a long-term time frame, such as peak month and peak week, (2) it works well in situations where complex cost relationships exist in the service area and attempting to allocate costs to peak day and peak hour functions would be complicated and often impractical, and (3) it allows for the development of the most appropriate COS classification bases because of the way Metropolitan's financial and operational data is organized. The Commodity/Demand approach was modified for its application to Metropolitan's rate structure by adding a separate cost allocation for costs related to Metropolitan's standby function. Analysis of system operating data indicated that a modified Commodity/Demand approach was most appropriate for developing Metropolitan's cost of service allocation bases.

#### **Step 4 - Distribution to Rate Elements**

The distribution of costs to the rate design elements depends on the purpose for which the cost was incurred and the manner in which the member agencies use the Metropolitan system. For example, costs incurred to meet average system demands are typically recovered by dollar per acre-foot rates and are distributed based on the volume of water purchased by each agency. Rates that are levied on the amount or volume of water delivered are commonly referred to as volumetric rates as the customer's costs vary with the volume of water purchased. Costs incurred to meet peak distribution demands (referred to in this report as demand costs) are recovered through a peaking charge (the Capacity Charge) and are distributed to agencies based on their peak summer demand behavior. Costs incurred to provide system reliability in the event of an emergency, major outage or hydrologic variability (referred to in this report as standby costs) are recovered through a Readiness-To-Serve Charge. Differentiating between costs for average, peak, and standby is just one example of how the COS process allows for the design of rates and charges to achieve overall customer equity and efficiency.

With regard to treatment-related costs, all costs, whether for average, peak, or standby, are recovered by dollar per acre-foot rates and are distributed based on the volume of treated water purchased. The following figure summarizes the Metropolitan COS process.

## Cost of Service Process



## Revenue Requirements

The estimated revenue requirements presented in this report are for FY 2020/21 and 2021/22. Throughout the report, the fiscal years are used as the “test years” to demonstrate the application of the cost of service process. Schedule 1 and Schedule 2 summarize the FY 2020/21 and FY 2021/22 revenue requirements, respectively, by the major budget line items used in Metropolitan’s budgeting process.

Current estimates indicate Metropolitan’s annual expenditures (including capital financing costs, but not construction outlays financed with bond proceeds) will total approximately \$1.82 billion in FY 2020/21 and \$1.91 billion in FY 2021/22. These expenditures support sales of 1.60 million-acre-feet (MAF) in FY 2020/21 and 1.60 MAF in FY 2021/22, which are average demands-based analyses prepared by Water Resource Management (WRM), and assume a 50 percent allocation on the SWP, consistent with average allocations, and CRA diversions of 0.75 MAF in FY 2020/21 and 0.73 MAF in FY 2021/22.

The rates and charges do not have to cover the entire amount of estimated expenditures. Metropolitan generates a significant amount of revenue from interest income, hydroelectric power sales and miscellaneous income. These internally generated revenues are referred to as revenue offsets and are expected to generate about \$59 million in FY 2020/21 and \$61 million in FY 2021/22. It is expected that Metropolitan will also generate about \$140 million in ad valorem property tax revenues (assuming that ad valorem tax rates are maintained at 0.0035 percent of assessed valuation) in FY 2020/21 and \$140 million in FY 2021/22. Property tax revenues are used to pay for a portion of Metropolitan’s general obligation bond debt service, and a portion of Metropolitan’s obligation to pay for debt service on bonds issued to fund the SWP, and other SWP costs. The total revenue offsets are estimated to be about \$199 million in FY 2020/21 and \$201 million in FY 2021/22. Therefore, the revenue required from rates and charges is the difference between the total estimated expenditures (costs) and the revenue offsets, or \$1.62 billion in FY 2020/21 and \$1.71 billion in FY 2021/22. Given an effective date of January 1, 2021 and January 1, 2022, respectively, the rates and charges recommended in this report, combined with rates and charges effective through December 31, 2020 will generate a total of \$1.60 billion in FY 2020/21 and \$1.65 billion in FY 2021/22.

All of Metropolitan’s costs fall under the broad categories of Departmental Costs or General District Requirements. Departmental Costs include budgeted items identified with specific organizational groups. General District Requirements consist of requirements associated with the CRA, SWP, Supply Programs, Demand Management Programs, and capital financing costs associated with the Capital Investment Plan (CIP). General District Requirements also include reserve fund transfers required by bond covenants and Metropolitan’s Administrative Code.

**Schedule 1: Revenue Requirements (by budget line item), FY 2020/21**

	<b>Fiscal Year Ending 2021</b>	<b>% of Revenue Requirements (1)</b>
<b>Departmental Operations &amp; Maintenance</b>		
Office of General Manager	\$ 7,176,529	0.4%
Water Systems Operations	254,559,709	12.6%
Water Resources Management	23,334,161	1.2%
Engineering Services	41,865,104	2.1%
Bay Delta Initiatives	9,666,300	0.5%
Business Technology	85,015,114	4.2%
Real Property	19,322,687	1.0%
Human Resources	13,669,495	0.7%
Office of the Chief Financial Officer	26,759,739	1.3%
External Affairs	26,681,228	1.3%
General Counsel	15,321,969	0.8%
General Auditor	4,329,295	0.2%
Ethics Office	1,552,431	0.1%
<b>Total</b>	<b>529,253,761</b>	<b>26.2%</b>
<b>General District Requirements</b>		
State Water Contract*	640,768,118	31.7%
Colorado River Aqueduct Power Costs	52,236,836	2.6%
Supply Programs	68,682,826	3.4%
Demand Management	48,531,757	2.4%
Capital Financing	408,690,217	20.2%
Regional Recycled Water Program planning costs	15,000,000	0.7%
Other Operating Costs	14,878,483	0.7%
Increase/(Decrease) in Required Reserves	42,400,000	2.1%
<b>Total</b>	<b>1,291,188,237</b>	<b>64.0%</b>
<b>Revenue Offsets</b>	<b>(198,581,516)</b>	<b>9.8%</b>
<b>Net Revenue Requirements</b>	<b>\$ 1,621,860,482</b>	<b>100.0%</b>
(1) Given as a percentage of the absolute values of total dollars apportioned		
* Includes Delta Conveyance planning costs		
Totals may not foot due to rounding		

## Schedule 2: Revenue Requirements (by budget line item), FY 2021/22

	Fiscal Year Ending 2022	% of Revenue Requirements (1)
<b>Departmental Operations &amp; Maintenance</b>		
Office of General Manager	\$ 7,464,699	0.4%
Water Systems Operations	267,046,343	12.7%
Water Resources Management	24,275,333	1.2%
Engineering Services	43,912,051	2.1%
Bay Delta Initiatives	9,299,195	0.4%
Business Technology	86,970,123	4.1%
Real Property	19,075,253	0.9%
Human Resources	14,240,056	0.7%
Office of the Chief Financial Officer	27,615,004	1.3%
External Affairs	27,638,981	1.3%
General Counsel	17,002,271	0.8%
General Auditor	4,549,453	0.2%
Ethics Office	1,608,910	0.1%
<b>Total</b>	<b>550,697,673</b>	<b>26.1%</b>
<b>General District Requirements</b>		
State Water Contract*	654,385,178	31.0%
Colorado River Aqueduct Power Costs	57,585,160	2.7%
Supply Programs	61,190,053	2.9%
Demand Management	52,491,694	2.5%
Capital Financing	441,991,321	21.0%
Regional Recycled Water Program planning costs	15,000,000	0.7%
Other Operating Costs	14,153,432	0.7%
Increase/(Decrease) in Required Reserves	60,800,000	2.9%
<b>Total</b>	<b>1,357,596,837</b>	<b>64.4%</b>
<b>Revenue Offsets</b>	<b>(200,555,354)</b>	<b>9.5%</b>
<b>Net Revenue Requirements</b>	<b>\$ 1,707,739,156</b>	<b>100.0%</b>
(1) Given as a percentage of the absolute values of total dollars apportioned		
* Includes Delta Conveyance planning costs		
Totals may not foot due to rounding		

## Departmental Costs

Departmental costs consist of salary and benefits, chemicals, and power, outside services, materials and supplies, association dues, insurance expenses, leases, and property taxes budgeted by the General Manager's Department, as well as the General Counsel, General Auditor, and Ethics Officer.

The proposed FY 2020/21 O&M budget includes \$544.1 million for labor and benefits, water treatment chemicals, power, and solids handling, materials and supplies, professional services, and operating equipment purchases. This is \$47.8 million, or 9.6 percent, higher than the FY 2019/20 budget of \$496.4 million due primarily to negotiated labor, benefits, and outside services cost increases. Variable treatment costs are also higher due to higher chemical prices. The total authorized personnel complement for the FY 2020/21 budget is 1,954 authorized positions, including 47 agency and district temporary full-time equivalents (FTEs), and reflects an increase of 20 full-time positions from the FY 2019/20 budget. Total funded positions are 1,954 FTEs.

The proposed FY 2021/22 O&M budget is \$564.9 million, an increase of \$20.7 million, or 3.8 percent, compared to the FY 2020/21 budget. This increase is primarily due to negotiated labor, benefits, and outside services cost increases, and slight increase in chemical prices. The total authorized personnel complement for FY 2021/22 is decreased by 6 positions to 1,948 authorized positions. Total funded positions are 1,948 FTEs.

The Departmental Budget is described in detail in the Biennial Budget document.

## General District Revenue Requirements

General District Requirements include costs for the SWP, CRA power, Supply Programs, Demand Management Programs, and the Capital Financing costs. Each of these areas is described in the following.

### State Water Project

Metropolitan participates in the State Water Project (SWP), which is managed and operated by the California Department of Water Resources (DWR) and is an integral part of Metropolitan's conveyance system, through its State Water Contract. All costs of the SWP capital expenditures and costs of the operations, maintenance, power and replacement (OMPR) associated with water conservation (supply) and transportation (delivery) are paid by the 29 State Water Contractors. Metropolitan recovers the costs associated with the SWP through ad valorem property taxes, the Tier 1 Supply Rate, System Access Rate, the System Power Rate, and the Readiness-to-Serve Charge.

All State Water Contractors are obligated to pay all costs incurred by DWR to operate the SWP for water supply delivery, as part of their contractual participation in the project. Articles 22 through 26 of the State Water Contract provide that all costs DWR might incur to conserve and transport water to Metropolitan will be recovered from Metropolitan. Metropolitan is responsible for paying the costs of the system necessary to conserve and transport SWP water regardless of whether Metropolitan receives any water at all. Only the Transportation Variable, which recovers power costs for pumping through SWP transportation facilities to Metropolitan, varies depending on the amount of water delivered to Metropolitan. In the event Metropolitan does not pay DWR, DWR can require Metropolitan to recover its SWP costs through property taxes. DWR has no recourse to go to the State General Fund to pay SWP costs. DWR has no exposure whatsoever for any revenue shortfall, cost changes, or the cost impacts of operational limitations; these risks are solely the Contractors' risks.

Annually, the DWR reviews and redetermines the water supply and financial aspects of the SWP as required by the State Water Contract. The annual review and redetermination results in the annual Statement of Charges to the Contractors for each calendar year. The information that supports the Statement of Charges is published by the DWR as Appendix B to the appropriate Bulletin 132 (i.e., the Statement of Charges for Calendar Year 2020 is supported by Appendix B to Bulletin 132-19). DWR does not charge rates for water service. It does not develop a revenue requirement and then develop rates based on projected billing determinants for a calendar year. Rather, DWR apportions its costs to the Contractors based on their proportionate share of conservation (supply) costs (the Delta Water Charge) and transportation (delivery) costs (the Transportation Charge). DWR reconciles actual costs for each year and either collects more funds from the Contractors if actual costs exceeded estimated costs or provides a credit/refund if actual costs were lower than estimated costs.

Budgeted State Water Contract costs include Metropolitan's planned contribution for Delta conveyance project planning activities of \$25 million per fiscal year and are \$640.8 million for FY 2020/21 and \$654.4 million for FY 2021/22. The expenditures for the SWP are described in detail in the Biennial Budget document.

## Colorado River Aqueduct

Metropolitan owns, operates, and manages the CRA. Metropolitan is responsible for operating, maintaining, rehabilitating, and repairing the CRA, and is responsible for obtaining and scheduling energy resources adequate to power pumps at the CRA's five pumping stations.

In fiscal years 2020/21 and 2021/22, it is projected Metropolitan will receive annual CRA water diversions of approximately 0.745 MAF and 0.732 MAF respectively. The budgeted power costs for the CRA are \$52.2 million in FY 2020/21 and \$57.6 million in FY 2021/22.

The CRA costs for delivery and supply are reflected in the Departmental costs and in the costs of the appropriate operational functions. The expenditures for CRA power are described in detail in the Biennial Budget document.

## Supply Programs: SWP

Since inception, the SWC provided Contractors the ability to use the SWP to convey non-SWP water under certain circumstances. Specifically, Article 18(c)(2) of the original SWC addresses situations where there is a shortage in the supply of water made available under the SWC and states, "[T]he District, at its option, shall have the right to use any of the project transportation facilities which by reason of such permanent shortage in the supply of project water to be made available to the District are not required for delivery of project water to the District, to transport water procured by it from any other source: [p]rovided, [t]hat such use shall be within the limits of the capacities provided in the project transportation facilities for service to the District under this contract ....". However, Article 18(c)(2) only applied in the event a permanent shortage was declared by DWR and it was unclear on how costs would be charged for using SWP facilities to transport nonproject water. In 1994, the Contractors and DWR negotiated the Monterey Amendment to the SWC, including Article 55, which made explicit that the Contractors' rights to use the portion of the SWP conveyance system necessary to deliver water to them (their "Reaches") also includes the right to convey non-SWP water at no additional cost as long as capacity exists. Power for the conveyance of non-SWP water is charged at the SWP melded power rate. The Monterey Amendment also expanded the ability to carry over SWP water in SWP storage facilities, allowed participating Contractors to borrow water from terminal reservoirs, and allowed Contractors to store water in groundwater storage facilities outside a Contractor's service area for later use. These amendments, approved by Metropolitan's Board in 1995, secured the means for individual Contractors to increase supply reliability through water transfers, and storage outside their service areas.

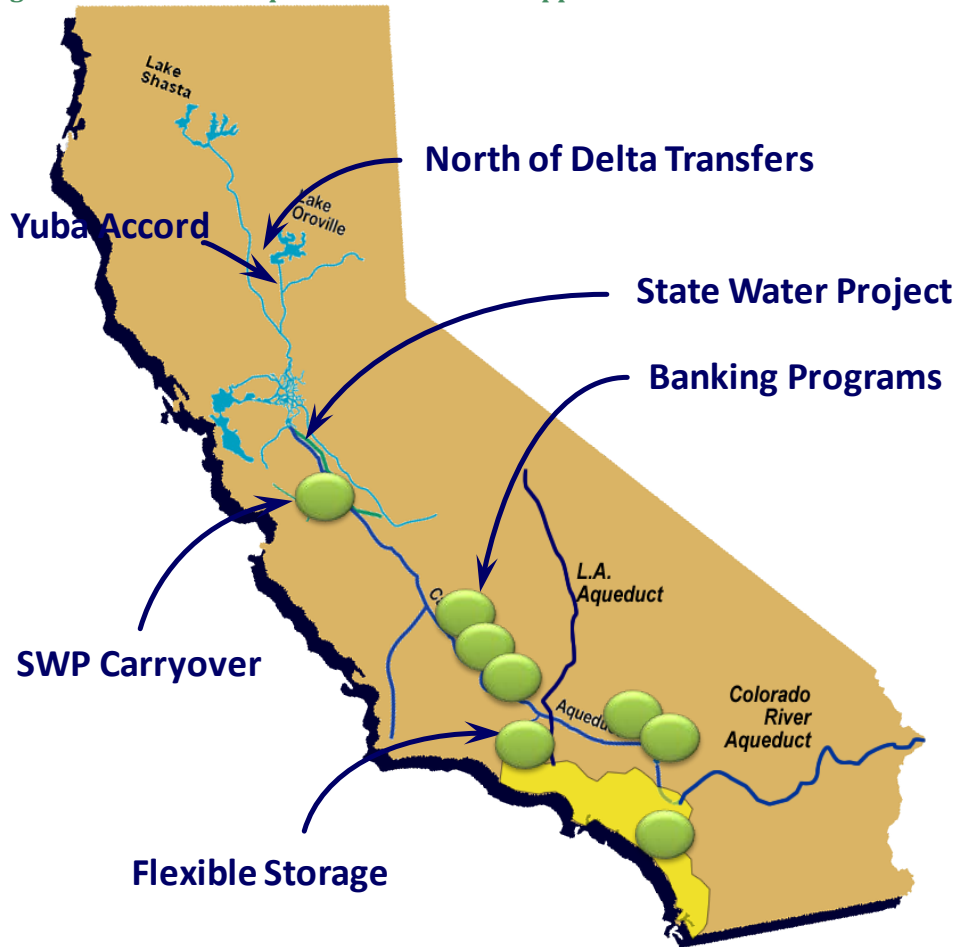
Since adoption of the 1996 Integrated Resources Plan (1996 IRP) and subsequent updates, Metropolitan has developed and actively managed a portfolio of supplies to convey through the California Aqueduct, as shown in Figure 10. The geographical locations of the projects are indicated by the green dots; Metropolitan's service area is designated by the yellow highlighted area. Metropolitan submits delivery schedules to DWR for these supplies and alters these schedules throughout the year based on changes in the availability of SWP and Colorado River water. The portfolio of supplies that Metropolitan has developed to be conveyed through the SWP since adoption of the Monterey Amendments and the 1996 IRP extend from north of the Delta to Southern California.

Since the Monterey Amendments, Metropolitan has secured one-year water transfer supplies through Metropolitan-only purchases, buyer coalition-purchases, and Governor Drought Water Banks. The most recent years that Metropolitan secured these one-year transactions were 2008 through 2010, and 2015. Metropolitan opted not to pursue these transactions in 2012, 2014 or 2018. Most of the sellers were Sacramento Valley water users who are not Contractors. Other Contractors obtained one-year water transfers during this timeframe as well. There were no single-year transfer programs in 2011, 2016-2017, or 2019 because of favorable water supply conditions and lack of capacity to move transfer supplies through the Delta.



In addition to the above one-year water transfers, Metropolitan purchases long-term water transfer supplies through the Yuba Accord. The Yuba Accord has provided water to enhance SWP and CVP water supply reliability by offsetting Delta export reductions and providing dry year water supplies for participating SWP and CVP contractors. This water is Yuba River water developed by Yuba County Water Agency (YCWA) making reservoir releases or by YCWA's member units substituting groundwater for their surface water supplies; it is not SWP water.

**Figure 10: California Aqueduct Portfolio of Supplies**

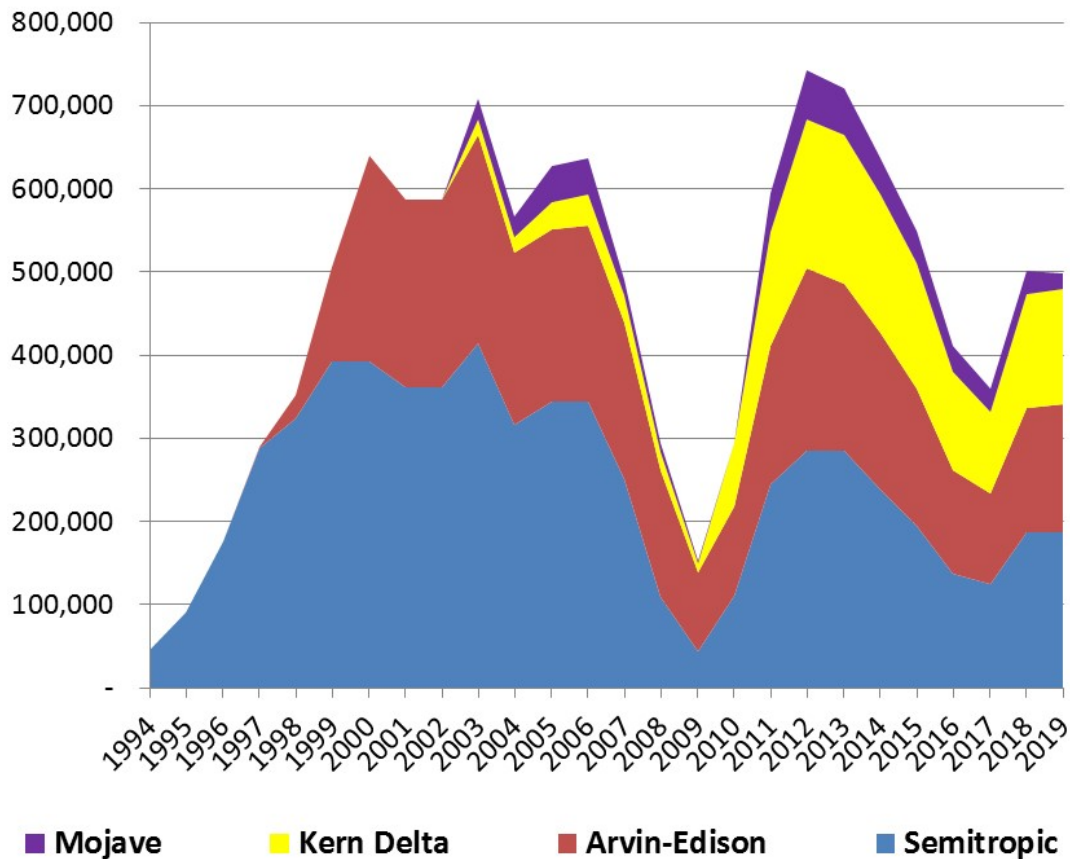


In addition to one-year transfers, and the Yuba Accord water, Metropolitan has developed groundwater storage agreements that allow Metropolitan to store available supplies in the Central Valley for return later. Metropolitan enters into point of delivery agreements with DWR to deliver water supplies from the SWP facilities to these storage programs. Metropolitan enters into agreements for introduction of local supplies to return these water supplies to the SWP system for delivery to Metropolitan's service area. Metropolitan's storage activities are shown in Figure 11. The figure shows how the programs function to store supplies during surplus conditions and return supplies during a drought. The storage programs have demonstrated that they can provide a significant amount of water when needed.

- **Arvin-Edison Storage Program:** under the agreement, Arvin-Edison Water Storage District stores water on behalf of Metropolitan. Up to 350,000 acre-feet can be stored; Arvin-Edison is obligated to return up to 75,000 acre-feet of stored water in any year to Metropolitan, upon request. The water is returned by direct groundwater pump-in and exchange of SWP supplies. A 2017 State Water Resources Control Board (SWRCB) regulation setting a Maximum Contaminant Level (MCL) for TCP has temporarily suspended use of this program due to the levels detected in the program groundwater wells.

- Semitropic Storage Program: under the agreement, Metropolitan stores water in the groundwater basin underlying land within the Semitropic Water Storage District. The maximum storage capacity is 350,000 acre-feet. Currently, the minimum annual yield to Metropolitan is 38,200 acre-feet, and the maximum annual yield is 229,700 acre-feet depending on the available unused capacity and the SWP allocation. The water is returned by direct groundwater pump-in and exchange of SWP supplies.
- Kern Delta Storage Program: under the agreement, Kern Delta Water District provides groundwater banking and exchange transfer to allow Metropolitan to store up to 250,000 acre-feet of SWP water in wet years and take up to 50,000 acre-feet annually during droughts. The water is returned by direct groundwater pump-in or by exchange of surface water supplies.
- Mojave Storage Program: under the agreement, Mojave Water Agency provides groundwater banking and exchange transfers to allow Metropolitan to store up to 390,000 acre-feet for later return. The agreement allows Metropolitan to annually withdraw Mojave Water Agency's SWP contractual amounts, after accounting for local needs. The Mojave storage program returns water only by exchange of surface water supplies.
- Antelope Valley East Kern (AVEK) Storage Program: under the Storage Program, Metropolitan, at its discretion, could store up to 30,000 acre-feet of its SWP Table A amount or other supplies in the Antelope Valley Groundwater Basin in an account designated for Metropolitan. The water is returned by exchange of SWP supplies or direct groundwater pump-in.
- Antelope Valley-East Kern (AVEK) High Desert Water Bank Program: under this agreement, AVEK provides storage for up to 70,000 acre-feet per year of its unused SWP Table A amount to Metropolitan or other supplies for later return. The maximum storage capacity for Metropolitan supplies would be 280,000 acre-feet. The program is designed to return up to 70,000 acre-feet per year by direct pump-in to the East Branch of the California Aqueduct. Water can also be returned by exchange of SWP supplies when available.

**Figure 11: SWP Groundwater Storage Programs, acre-feet**



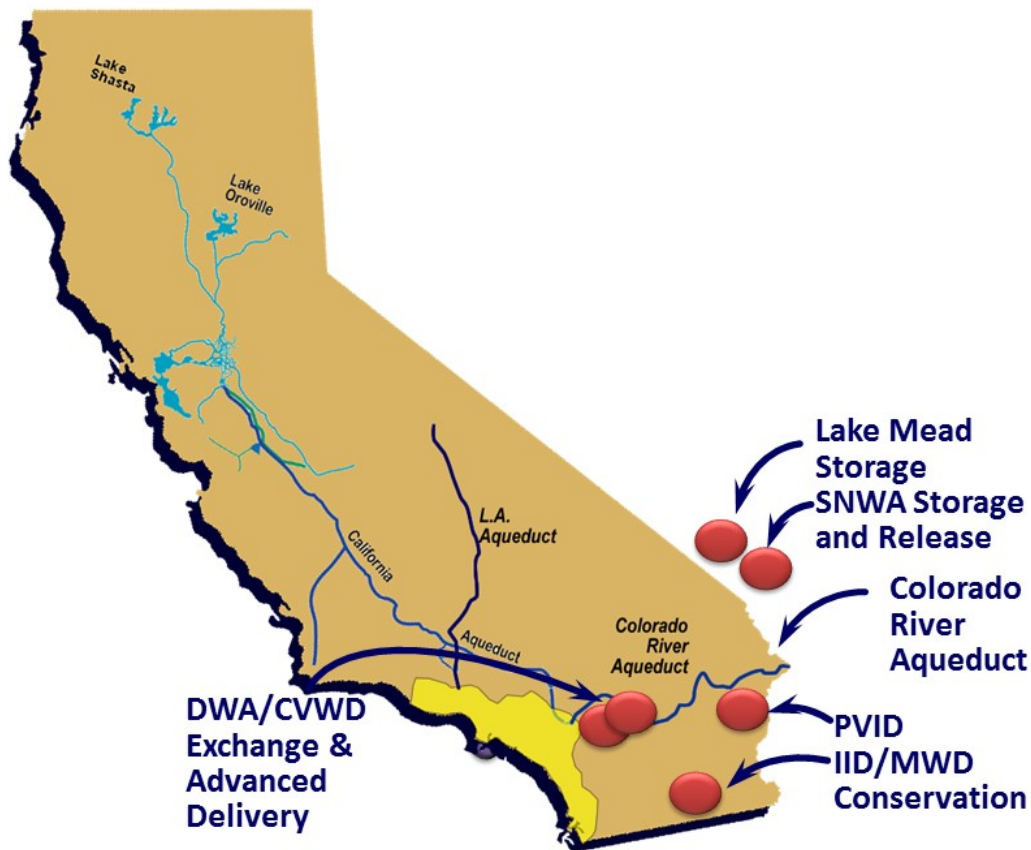
Metropolitan has developed exchanges and transfers with other Contractors to enhance supply flexibility. Some of these agencies have extensive groundwater supplies and are willing to exchange their SWP supplies.

- San Gabriel Valley Water District:** under this agreement, Metropolitan delivers treated water to a San Gabriel Valley Water District (SGVMWD) subagency in exchange for twice as much untreated SWP supplies delivered into the Main San Gabriel groundwater basin. The groundwater basin supplies water to both Metropolitan and SGVMWD subagencies. Each year Metropolitan purchases 5,000 acre-feet minus the unbalanced exchange amount. By mutual agreement Metropolitan may purchase more than the 5,000 acre-feet per year should SGVMWD have additional supplies available. This program has the potential to increase Metropolitan’s reliability by providing 115,000 acre-feet through 2035.
- Desert Water Agency/Coachella Valley Water District Advance Delivery Program:** under this program, Metropolitan delivers Colorado River water to the Desert Water Agency (DWA) and Coachella Valley Water District (CVWD) in advance of the exchange for their SWP Contract Table A allocations. In addition to their Table A supplies, the agencies can take delivery of SWP supplies available under Article 21 and the Turn-back Pool Program, and non-SWP supplies separately acquired by each agency. These non-SWP supplies have included Yuba Accord water, drought water bank water, and San Joaquin Valley water. By delivering enough water in advance to cover Metropolitan’s exchange obligations, Metropolitan is able to receive DWA and CVWD’s available SWP supplies in years in which Metropolitan’s supplies are insufficient without having to deliver an equivalent amount of Colorado River water. In December 2019, the exchange agreements were amended to provide more flexibility and operational certainty for the parties involved. Additionally, under the amended agreement, Coachella and Desert in wet years pay a portion of Metropolitan’s water storage management costs, up to a combined total of \$4 million per year.

## Supply Programs: CRA

Since adoption of the 1996 IRP and subsequent updates, Metropolitan has developed and actively manages a portfolio of supplies to convey through the CRA. Metropolitan determines the delivery schedule of those resources throughout the year based on changes in the availability of SWP and of Colorado River water. Figure 12 shows the geographic location of the portfolio of additional CRA supplies, designated by the red dots, which Metropolitan has developed for diversion into the CRA since adoption of the 1996 IRP. These resources extend from Lake Mead to Southern California and provide supply to Metropolitan's service area, which is shown in the yellow highlighted area.

**Figure 12: Colorado River Aqueduct Portfolio of Supplies**



- Imperial Irrigation District/Metropolitan Conservation Program: Under a 1988 Conservation Agreement, Metropolitan has funded water efficiency improvements within the Imperial Irrigation District's (IID) service area in return for the right to divert the water conserved by those investments. Metropolitan provided funding for IID to construct and operate a number of conservation projects that have conserved up to 109,460 acre-feet of water per year that is then available to Metropolitan. Execution of the Quantification Settlement Agreement (QSA) and related agreements resulted in changes in the availability of water under the program. As a result of a 2014 IID-Metropolitan letter agreement, the amount of water conserved by IID has been quantified at 105,000 acre-feet per year beginning in 2016. Metropolitan is guaranteed at least 85,000 acre-feet per year, with the remainder of the conserved water being made available to the Coachella Valley Water District (CVWD), if needed under the 1989 Approval Agreement as amended.
- Palo Verde Land Management, Crop Rotation, and Water Supply Program: Under this program, participating landowners in the PVID's valley service area are paid to reduce water use by not

irrigating a portion of their land. A maximum of 35 percent of the participating lands within the Palo Verde Valley can be fallowed in any given year. This program saves up to 133,000 acre-feet of water in certain years, and a minimum of 33,000 acre-feet per year. The term of the program is 35 years. Fallowing began in 2005. In March 2009, Metropolitan and PVID entered into a supplemental emergency fallowing program within PVID that provided for the fallowing of additional acreage in 2009 and 2010. Since 2005, over 1.3 million acre-feet total of Colorado River water has been conserved. The volume of water that becomes available to Metropolitan is governed by the QSA and the Colorado River Water Delivery Agreement. Under these agreements:

- Metropolitan must reduce its consumptive use of Colorado River water by that volume of consumptive use by PVID and holders of Priority 2 that is greater than 420,000 acre-feet in a calendar year, or
- Metropolitan may increase its consumptive use of Colorado River water by that volume of consumptive use by PVID and holders of Priority 2 that is less than 420,000 acre-feet in a calendar year.

In both cases, each acre-foot of reduced consumptive use by PVID is an additional acre-foot that becomes available to Metropolitan.

- Southern Nevada Water Authority and Metropolitan Storage and Interstate Release Agreement: Under this 2004 agreement and a related Operational Agreement, the Southern Nevada Water Authority (SNWA) may offer a portion of its Colorado River water supplies to Metropolitan when there is space available in the CRA to receive the water. SNWA may call for return of the water in a future year, in which Metropolitan would reduce its Colorado River water order to return this water to SNWA. In 2009, 2012, and 2015, Metropolitan, the Colorado River Commission of Nevada, and SNWA amended the related Operational Agreement dealing with volumes of water that may be stored or called at various times. The agreements can be terminated upon 90 days' notice following the return of the water stored by Metropolitan.
- Lower Colorado Water Supply Project: This project develops additional water supplies by pumping groundwater into the All-American Canal for delivery to IID. An equal volume of Colorado River water is then made available for other water users along the river. Under a contract among Metropolitan, the City of Needles, and the United States Bureau of Reclamation, Metropolitan receives any excess unused water developed by the project. Metropolitan makes payments to a trust fund to develop a replacement project or to desalt the groundwater should the groundwater become too saline for discharge into the All-American Canal.
- Lake Mead Storage Program: In December 2007, Metropolitan entered into agreements to set forth the guidelines under which Intentionally Created Surplus (ICS) water is developed and stored in and delivered from Lake Mead. The amount of water stored in Lake Mead must be created through extraordinary conservation, system efficiency, or tributary conservation methods. ICS is available for delivery in a subsequent year, with Extraordinary Conservation ICS subject to a one-time deduction to benefit the river system and annual evaporation losses. Extraordinary conservation methods used by Metropolitan to date are water saved by fallowing in the Palo Verde Valley, projects implemented with IID in its service area. The Lower Colorado Water Supply Project, and groundwater desalination. "System Efficiency ICS" can be created through the development and funding of system efficiency projects that save water that would otherwise be lost from the Colorado River. Metropolitan has participated in two projects to create System Efficiency ICS, and two projects to create ICS by conservation in Mexico:
  - Yuma Desalting Pilot Project: Metropolitan contributed funds toward the 2010-2011 pilot run of the Yuma Desalting Plant in exchange for a portion of the desalinated water produced by the project. The Yuma Desalting Plant treated brackish agricultural drainage that flows into Mexico to the Ciénega de Santa Clara at the terminus of the Colorado River but does not count as deliveries to Mexico under the Mexican Water Treaty. Metropolitan's portion of the desalinated

water was 24,397 acre-feet and this water was stored in Lake Mead. Metropolitan can take delivery of up to the entire amount in any single year.

- Drop 2 (Warren H. Brock) Reservoir: Metropolitan contributed funds toward the U.S. Bureau of Reclamation's construction of an 8,000 acre-foot off-stream regulating reservoir near Drop 2 of the All-American Canal in Imperial County. This reservoir conserves about 70,000 acre-feet of water per year by capturing and storing otherwise non-storable flow. In return for its funding, Metropolitan received 100,000 acre-feet of water that was stored in Lake Mead and has the ability to take delivery of up to 25,000 acre-feet of water in any single year. Besides the additional water supply, the new reservoir adds to the flexibility of Colorado River operations.
- In November 2012, Metropolitan executed agreements in support of a program to augment Metropolitan's Colorado River supply between 2013 and 2017 through an international pilot project in Mexico. Metropolitan's total share of costs was \$5 million for 47,500 acre-feet of project supplies. The costs were paid between 2015 and 2017, and the conserved water was credited to Metropolitan's ICS water account no later than 2017. In December 2013, Metropolitan and IID executed an agreement under which IID paid half of Metropolitan's program costs, or \$2.5 million, in return for half of the project supplies, 23,750 acre-feet.
- In September 2017, Metropolitan executed agreements in support and continuation of a program to augment Metropolitan's Colorado River supply through international pilot projects in Mexico. Under the new set of agreements, Metropolitan's total share of costs are expected to be \$3.75 million for 27,275 acre-feet of project supplies. The costs will be paid in three parts in 2020, 2023, and 2026.
- Desert Water Agency/Coachella Valley Water District/Metropolitan Water Exchange and Advance Delivery Programs: Under these programs, Metropolitan delivers Colorado River water to the DWA and CVWD, in exchange for future deliveries by DWA and CVWD of an equal volume of their SWP supplies. By delivering enough water in advance to cover Metropolitan's exchange obligations, Metropolitan is able to receive DWA and CVWD's available SWP supplies in years in which Metropolitan's supplies are insufficient to deliver an equivalent amount of Colorado River water<sup>10</sup>.

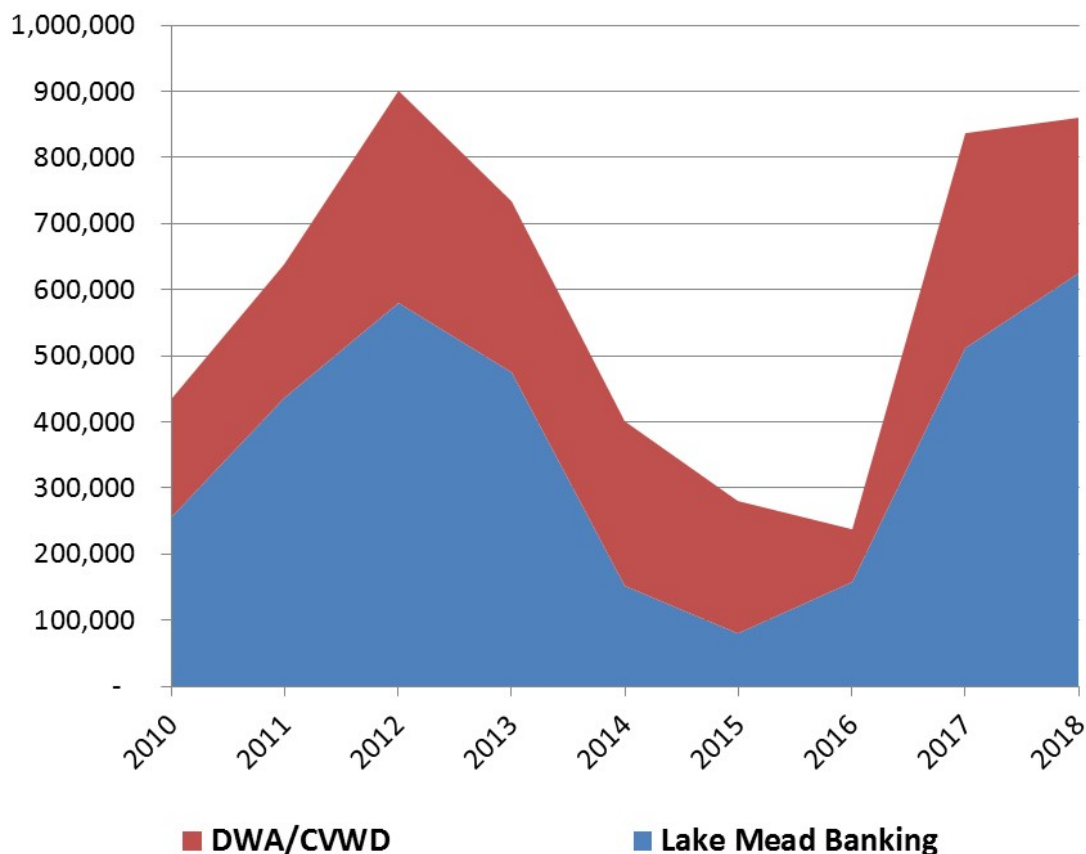
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<sup>10</sup> DWA has a SWP Table A contract right of 55,750 acre-feet per year and CVWD has a SWP Table A contract right of 138,350 acre-feet per year, for a total of 194,100 acre-feet per year. In addition to their Table A supplies, DWA and CVWD, subject to Metropolitan's written consent may by exchange take delivery of SWP supplies available under Article 21 of their SWP Contracts, the Turn-back Pool Program, and non-SWP supplies they may acquire and convey through SWP facilities. Under the Metropolitan-CVWD Delivery and Exchange Agreement for 35,000 Acre-feet, up to 35,000 acre-feet of Metropolitan's SWP Table A supply can be requested annually by CVWD for delivery by exchange.



Figure 13 shows the year-end balance in Metropolitan’s Colorado River storage programs. The combined capacity of the Lake Mead Storage program and the DWA/CVWD advance delivery program is 2,300,000 acre-feet, plus the amount of water in storage in Lake Mead as a result of the Drop 2 Reservoir and Yuma Desalting Plant system efficiency projects.

**Figure 13: Colorado River Storage Programs, acre-feet**



In addition to the supply programs developed by Metropolitan, Metropolitan entered into an exchange agreement with the San Diego County Water Authority (SDCWA). On April 29, 1998, SDCWA and IID executed an agreement (the “IID-SDCWA Transfer Agreement”) for SDCWA’s purchase from IID of Colorado River water that is conserved within IID. An amendment to the IID-SDCWA Transfer Agreement, executed as one of the QSA related agreements, set the maximum transfer amount at 205,000 acre-feet in 2021, with the transfer gradually ramping up to that amount over an 18-year period, then stabilizing at 200,000 acre-feet per year beginning in 2023.

No facilities currently exist to deliver water from IID to SDCWA. Accordingly, in 1998, SDCWA entered into an exchange agreement with Metropolitan, pursuant to which SDCWA would have made available to Metropolitan at Lake Havasu on the Colorado River the conserved IID Colorado River water acquired by SDCWA from IID. Metropolitan would have delivered to SDCWA an equal volume of water from Metropolitan’s supplies. The 1998 SDCWA-Metropolitan Exchange Agreement was conditioned upon the State Legislature’s appropriation of \$235 million to Metropolitan for lining the earthen All-American and Coachella Valley Canals to conserve water that would otherwise seep into the soil. Upon completion of the canal lining, Metropolitan had the rights to the estimated 77,700 acre-feet per year of conserved water for 110 years (Canal Lining Water).

In 2003, SDCWA and Metropolitan amended their exchange agreement, pursuant to which Metropolitan assigned the rights to the Canal Lining Water for 110 years and the \$235 million in state funding to SDCWA in exchange for SDCWA's agreement to pay for deliveries of Metropolitan water exchanged for the Canal Lining Water and IID transfer water based on the conveyance rates charged to Metropolitan's member agencies.

The budget for the Supply Programs is \$68.7 million in FY 2020/21 and \$61.2 million in FY 2021/22. The expenditures for the Supply Programs are described in detail in the Biennial Budget document.

## Demand Management Programs

Demand Management is an operational function Metropolitan undertakes to enable it to provide its full-service water and wheeling services to its member agencies. Demand Management costs are Metropolitan's expenditures for funding local water resource development programs, water conservation programs, the Future Supply Actions Program, and the Stormwater Pilot Program. These Demand Management Programs incentivize the development of local water supplies and the conservation of water to reduce the need to import water to deliver to Metropolitan's member agencies. These programs are implemented below the delivery points between Metropolitan's and its member agencies' distribution systems and, as such, do not add any water to Metropolitan's supplies. Rather, the effect of these downstream programs is to produce a local supply of water for the local agencies and to reduce demands by member agencies for water imported through Metropolitan's system.

Demand Management Programs reduce the use of and burden on Metropolitan's distribution and conveyance system, which, in turn, helps reduce and avoid the capital, operating, maintenance and improvement costs associated with these facilities. For example, local water resource development and conservation has deferred the need to build additional infrastructure such as the Central Pool Augmentation Project tunnel and pipeline, completion of San Diego Pipeline No. 6, the West Valley Interconnection, and the completion of the SWP East Branch expansion. Overall, the decrease in demand resulting from these projects is estimated to defer the need for projects between four and twenty-five years at a savings of approximately \$2.9 billion in 2017 dollars. The programs also free up capacity in Metropolitan's system to convey both Metropolitan water, and water from other non-MWD sources.

In addition to reducing Metropolitan's costs for operating the distribution and conveyance system, Metropolitan also pursues conservation and local water resource development because it has uniquely been directed to do so by the state Legislature. In 1999, then Governor Davis signed SB 60 (Hayden) into law. SB 60 amended the Metropolitan Water District Act to direct Metropolitan to increase conservation and local resource development. No other water utility in California, public or private, has been specifically identified by the state Legislature and directed to pursue water conservation and local water resource development.

Metropolitan's Demand Management programs also support the region's compliance with the requirements of SB X7-7. In 2009, the state Legislature passed SB X7-7, which was enacted to reduce urban per capita water use by 20 percent by December 31, 2020. Urban retail water suppliers are not eligible for state water grants or loans unless they comply with the water conservation requirements of the legislation. Demand Management programs help the region achieve urban per capita water use reductions.

AB 1668 and SB 606 build on Governor Brown's efforts to make water conservation a way of life in California and create a new foundation for long-term improvements in water conservation and drought planning. These bills establish guidelines for efficient water use and a framework for the implementation and oversight of the new standards, which must be in place by 2022. Metropolitan's Demand Management programs will also support Metropolitan's member agencies' ability to meet these guidelines and standards.

Demand Management costs also support the Strategic Plan Policy Principles approved by Metropolitan's Board on December 14, 1999. These principles represent the Board's vision that Metropolitan is a regional provider of wholesale water services. In this capacity, Metropolitan is the steward of regional infrastructure and the regional planner responsible for coordinated drought management and the collaborative development of additional supply reliability and necessary capacity expansion. Through these regional services, Metropolitan ensures a baseline level of reliability and quality for service in its service area.

In April 2018, the Board directed staff to undertake a process to determine the most appropriate cost allocation of demand management costs going forward. Metropolitan undertook that process, with the assistance of consultants and input from its member agencies, resulting in (1) an updated cost functionalization of demand management costs based on updated resource and system planning, and (2) rate design alternatives for recovering demand management costs. The foundation for the past allocation of demand management costs entirely to transportation transactions through the collection of the WSR relied on the 25-year capital planning forecast in the 1996 IRP. That IRP initially established a preferred resource mix that identified future transportation infrastructure projects that could be avoided or deferred if that option was selected because of demand management programs. The IRP updates since 1996 have continued to recognize the avoided and deferred cost function of demand management. However, the 1996 IRP planning period concludes at the end of 2020.

The demand management cost allocation study process concluded in December 2018 and staff presented to the Board at least four different rate-design alternatives. Staff also presented to the Board the option of using the balance of the Water Stewardship Fund to fund demand management costs for the next biennial budget. The expenditures for the Demand Management Program are \$48.5 million in FY 2020/21 and \$52.5 million in FY 2021/22 and are described in more detail in the Biennial Budget document. The Board approved the option to use the Water Stewardship Fund to fund demand management costs in the next biennial period to allow it to consider demand management funding in relation to the upcoming 2020 IRP update and to undergo a rate structure refinement process. The approximately \$126 million balance of the Water Stewardship Fund at the end of FY 2019/20 plus and funds generated from the WSR through the end of calendar year 2020 will be used to fund all demand management cost in FY 2020/21 and FY 2021/22. If demand management requires additional funding before the end of the biennium, staff will present the funding issue to the Board.

Revenue requirements for demand management will be met with the Water Stewardship Fund and no rate element or charge will be collected in 2021 or 2022 for that purpose.

## Capital Financing Costs

Capital financing costs are Metropolitan's expenditures for Revenue Bond debt service, General Obligation bond debt service, debt administration costs, the funding of capital expenditures from current operating revenues, or Pay-As-You-Go (PAYGO), and State Revolving Fund (SRF) Loan payments.

Budgeted amounts for Capital Financing represent the expenditures for existing and future debt service, anticipated debt administration costs to support the debt portfolio, and PAYGO amounts to support the Capital Investment Plan (CIP). Metropolitan generally incurs long-term debt to finance projects or purchase assets which will have useful lives equal to or greater than the related debt. Revenue supported debt can be authorized by Metropolitan's Board of Directors.

- **Revenue Bond Debt Service:** Includes the annual principal and interest payments for Metropolitan's outstanding and estimated future Revenue Bond debt service costs. Revenue bonds are used to finance the majority of Metropolitan's CIP. Long-term interest rates are assumed to be 4.5 percent for fixed rate bonds.
- **G.O. Bond Debt Service:** Includes Metropolitan's currently outstanding General Obligation (GO) bond interest and principal payments. In the long-term, it is assumed that no additional GO debt is issued to finance the CIP.
- **Debt administration costs:** Includes liquidity, remarketing, and broker-dealer fees.
- **PAYGO:** For FY 2020/21 and 2021/22, 55 percent and 60 percent respectively of Metropolitan's capital costs are assumed to be funded from current revenues. It is projected to that \$110 million PAYGO funding will be available in FY 2020/21 and \$135 million in FY 2021/22, which is revenue collected through the rates and charges for this purpose over the next two fiscal years.

Expenditures for Capital Financing are \$408.7 million in FY 2020/21 and \$442 million in FY 2021/22. The Capital Financing costs are described in more detail in the Biennial Budget document.

## Required Reserves

Metropolitan's Administrative Code and provisions of the revenue bond covenants require that reserves be held in certain funds at certain times. Therefore, as costs increase, reserves also increase to meet the Administrative Code and revenue bond covenants requirements. This line item reflects current policy requiring O&M fund and minimum requirements for the Revenue Remainder Fund. The increase in Required Reserves is \$42.4 million in FY 2020/21 and \$60.8 million in FY 2021/22.

## Functional Costs

Metropolitan undertakes several major operational functions in order to deliver full-service water to Metropolitan's member agencies. These include the supply itself, the conveyance capacity and energy used to move the supply, storage of water, distribution of supplies within Metropolitan's system, and treatment of these supplies. Metropolitan's rate structure recovers the majority of the cost of these functions through rates and charges. Wheeling services also involves various functions, including the conveyance capacity and energy used to move the wheeled water, distribution of supplies, and may involve treatment of the wheeled water, in addition to other administrative operations.

The functional categories developed for Metropolitan's cost of service process are consistent with the AWWA rate setting guidelines. A standard chart of accounts for utilities is provided in the AWWA publication "Financial Management for Water Utilities: Principles of Finance, Accounting, and Management Controls". Figure 5-2, page 46, lists Operation and Maintenance (O&M) Expense Accounts. As noted, these are Expense Accounts, which provide the means by which O&M and capital financing costs are functionalized for COS. Because all water utilities are not identical, the functional categories used in the COS reflect, as they should, Metropolitan's unique physical, financial, and institutional characteristics, as permitted under the AWWA guidelines. Metropolitan has modified these functional categories as follows:

**Pumping:** Metropolitan functionalizes its pumping costs for the SWP and the CRA to a Conveyance and Aqueduct subaccount.

**Customer Accounts, Customer Service and Sales Promotion:** These are not applicable as Metropolitan is not a retail utility.

**Storage:** Metropolitan provides significant emergency storage, dry-year supply and regulatory services, and functionalizes costs to Storage to reflect Metropolitan's unique physical and operational reliability services.

**Demand Management:** Metropolitan incurs expenditures to support its Demand Management program, as described throughout this document.

**Hydroelectric:** Metropolitan has developed recovery generation facilities throughout its distribution system and recovers the costs and revenues from this investment in its COS.

A key goal of functional assignment is to maximize the degree to which rates and charges reflect the costs of undertaking different types of operational functions. For functional assignment to be of maximum benefit, two criteria must be kept in mind when establishing functional categories.

- The categories should correlate rates and charges elements with the costs of the functions associated with those elements; and
- Each function should include reasonable allocation bases by which costs may be allocated.

Each of the functions developed for the cost of service process is described below.

## Supply

This function includes costs for those SWP and CRA facilities and programs that relate to managing and developing supplies to meet the member agencies' demands.

Metropolitan has a contractual right to a proportionate share of the project water that DWR determines is available for allocation to the Contractors. This determination is made each year based on existing supplies in storage, forecasted hydrology, and other factors. Available project water is then allocated to the Contractors in proportion to the amounts set forth in Table A of their State Water Contracts (Table A Allocation). The costs of the SWP supply are paid pursuant to Metropolitan's State Water Contract.

DWR's Delta Water Charge recovers the Capital and Minimum Operation, Maintenance, Power and Replacement (OMP&R) costs for the facilities that DWR determines are Conservation costs, meaning they conserve water to supply to the Contractors. Metropolitan reviews DWR's determination for purposes of functionalization. The Delta Water Charge is based on Contractors' cumulative Table A Allocations, which is approximately 46 percent for Metropolitan, regardless of whether it receives any Table A water in a year.

Under its contract with the federal government, Metropolitan has a fourth priority to 550,000 acre-feet per year of Colorado River water, less certain use by higher priority holders and Indian tribes in California. Metropolitan also holds a fifth priority for an additional 662,000 acre-feet per year that exceeds California's 4.4-million-acre-foot normal year basic apportionment, 38,000 acre-feet under the sixth priority during the term of the Colorado River Water Delivery Agreement, and another 180,000 acre-feet per year when surplus flows are available. Metropolitan can obtain water under the fourth, fifth, and sixth priorities from:

- Water unused by the California holders of priorities 1 through 3;
- Water saved by extraordinary conservation and crop rotation programs; or,
- When the U.S. Secretary of the Interior makes available:
  - Surplus water, Intentionally Created Surplus water, and/or
  - Water apportioned to, but unused by, Arizona and Nevada.

In fiscal years 2020/21 and 2021/22 it is projected that Metropolitan will receive annual CRA water diversions of approximately 0.75 MAF and 0.73 MAF respectively.

The costs of the CRA supply portfolio developed by Metropolitan are paid by Metropolitan. The CRA supply portfolio is supported by Water Resource Management labor, materials and supplies, outside services and professional services. The CRA supply portfolio activities benefit from Water Resource Management support services and management supervision, as well as Administrative and General activities of Metropolitan.

Metropolitan's supply related costs include investments in the Conservation Agreement with the IID, the PVID Program, and other CRA supply programs previously described. SWP programs include the Kern Delta Program, Semitropic Water Storage Program, Yuba Accord Program, Arvin-Edison Water Storage Program, Mojave Storage Program, AVEK Storage and Water Bank Programs, and others as previously described. Costs for programs within Metropolitan's service area, such as Conjunctive Use Programs, are also included.

Metropolitan finances past, current and future capital improvements associated with the supply portfolio capital assets and capitalizes investments IID/Metropolitan Conservation Program, the PVID Land Management, Crop Rotation, and Water Supply Program, the Kern Delta Storage Program, Semitropic Storage Program, and the Arvin-Edison Storage Program as Participation Rights.

## California EcoRestore

California EcoRestore represents the state’s near-term effort to accelerate habitat restoration in the Delta. This effort parallels the California WaterFix and is a separate effort to improve the long-term health of the Delta. To date, California EcoRestore efforts include tidal restoration, fish passage improvements in the Yolo Bypass, tidal marsh restoration efforts, and floodplain projects. State Water Contractors and Central Valley Contractors have an obligation to pay for an existing commitment for habitat restoration. Any future costs are a public benefit and not a cost of the SWP. Any costs incurred by the SWP under the existing habitat restoration commitment under existing operating permits are likely to be recovered through the Delta Water Charge in Metropolitan’s SWP bills and functionalized to Supply.

## Conveyance and Aqueduct

This function includes the capital, operations, maintenance, and overhead costs for SWP and CRA facilities that convey water to Metropolitan’s internal distribution system. Variable power costs for the SWP and CRA are also considered to be Conveyance and Aqueduct costs but are separately reported under a “power” sub-function. Conveyance and Aqueduct facilities can be distinguished from Metropolitan’s other facilities primarily by the fact that they do not typically include direct connections to the member agencies. For purposes of this study, the Inland Feeder Project functions as an extension of the SWP East Branch and is therefore considered a Conveyance and Aqueduct facility as well.

### Conveyance and Aqueduct: SWP<sup>11</sup>

Metropolitan is a participant (Contractor) in the SWP, which is an integral part of Metropolitan’s integrated delivery system. Contractors are participants in the SWP through long-term contracts with DWR. The State Water Contractors participate in the SWP system in exchange for payments made according to their maximum annual water allocations, whether or not that water is actually made available, and the portions of the SWP system required for delivering water to each Contractor. Thus, in addition to conveying Delta water to the SWP participants, the SWP is also used to convey transfer supplies between: Contractors, Contractors and non-SWP entities, or between non-SWP entities. SWP operations are closely coordinated and integrated with CVP. San Luis Reservoir and the San Luis Canal section of the California Aqueduct are shared SWP/CVP facilities. The SWP is also connected to other water sources upstream of the Sacramento-San Joaquin Delta, and along the California Aqueduct as it passes through the Central Valley.

The capacity of the SWP to deliver water decreases with distance from the Banks Pumping Plant, located in the Sacramento-San Joaquin Delta, as water is delivered to Contractors through the South Bay Aqueduct and the Coastal Branch Aqueduct, and to turnouts in the San Joaquin Valley and Southern California. The design pumping capacity at Banks Pumping Plant is 10,670 cubic feet-per-second (cfs) but only 4,480 cfs at the Edmonston Pumping Plant, located at the base of the Tehachapi Mountains.

Since inception, the State Water Contract provided Contractors the ability to use the SWP to convey non-SWP water under certain circumstances. Specifically, Article 18(c)(2) of the original SWC addressed situations where there is a shortage in the supply of water made available under the contract and stated, “[T]he District, at its option, shall have the right to use any of the project transportation facilities which by reason of such permanent shortage in the supply of project water to be made available to the District are not required for delivery of project water to the District, to transport water procured by it from any other source: [p]rovided, [t]hat such use shall be within the limits of the capacities provided in the project transportation facilities for service to the District under this contract ....”. However, Article 18(c)(2) only applied in the event a permanent shortage was declared by DWR and it was unclear how costs would be charged for using SWP

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<sup>11</sup> For historical and current information regarding the SWP, refer to Bulletin 132, published periodically by DWR since 1963. The most recently published Bulletin is Bulletin 132-17, dated January 2019 and titled, “Management of the California State Water Project.” Appendices to the Bulletin are also updated separately. Both are available at: <https://water.ca.gov/Programs/State-Water-Project/Management/Bulletin-132>.



facilities to transport non-project water. In 1994, the Contractors and DWR negotiated the Monterey Amendments to the State Water Contract, including Article 55, which made explicit the Contractors' rights to use the portion of the SWP conveyance system necessary to deliver water to them (their "reaches") also includes the right to convey non-SWP water at no additional cost as long as capacity exists. Power is charged at the SWP average power rate. The Monterey Amendments also expanded the ability to carryover SWP water in SWP storage facilities, allowed Contractors to store water in groundwater storage facilities outside a Contractor's service area for later use, and permitted certain Contractors to borrow water from terminal reservoirs. These amendments, approved by Metropolitan's Board in 1995, secured the means for individual Contractors to increase supply reliability through water transfers and storage outside their service areas.

The impact of the Monterey Amendments on SWP operations is shown in Tables 11 and 12 below, which are based on information supplied by DWR<sup>12</sup>. In the nine calendar years ending in 2018, only 66.1 percent of the SWP deliveries to Metropolitan were Table A water delivered in the year it is paid for. Fully 33.9 percent of the deliveries were for non-Table A water. Non-SWP water comprised 9.8 percent of Metropolitan's deliveries from the SWP. For the other Contractors, 47.1 percent of the SWP deliveries were what one would consider "supply", or Table A water delivered in the year it is paid for; 52.9 percent of the deliveries are for non-Table A water. Non-SWP water transported by the other Contractors comprised 23.5 percent of their deliveries from the SWP. Non-Contractors using the SWP to wheel transfer supplies comprised 4.2 percent of all deliveries through the SWP. Fully 21.2 percent of the deliveries on the SWP were for non-SWP water.

**Table 11: State Water Project Water Management Activities, CY 2010 through 2018, Acre-Feet**

SWP Deliveries--Acre-feet											
Metropolitan				Other SWP Contractors				Non-SWC Agencies	Total Deliveries <sup>4</sup>		
(a)	(b)	(c)	(d) = (a) + (b) + (c)	(e)	(f)	(g)	(h) = (e) + (f) + (g)	(i) = (d) + (h)	(j)	(k) = (i) + (j)	
Table A <sup>1</sup>	Other SWP <sup>2</sup>	Non-SWP <sup>3</sup>	Total MWD	Table A <sup>1</sup>	Other SWP <sup>2</sup>	Non-SWP <sup>3</sup>	Total Other SWC	Total SWC	Non-SWP <sup>4</sup>		
2010	639,537	352,831	265,720	1,258,088	687,734	361,796	353,346	1,402,876	2,660,964	148,986	2,809,950
2011	857,794	596,204	145,907	1,599,905	1,220,286	596,713	179,850	1,996,849	3,596,754	61,739	3,658,493
2012	906,009	302,488	10,010	1,218,507	934,470	454,249	245,202	1,633,921	2,852,428	114,835	2,967,263
2013	613,271	145,147	113,469	871,887	471,421	392,336	372,772	1,236,529	2,108,416	131,484	2,239,900
2014	59,181	223,675	114,032	396,888	25,418	170,325	485,811	681,554	1,078,442	97,493	1,175,935
2015	380,577	37,459	146,868	564,904	259,867	175,018	376,158	811,043	1,375,947	57,810	1,433,757
2016	989,125	24,646	42,081	1,055,852	715,747	295,692	232,388	1,243,827	2,299,679	70,404	2,370,083
2017	1,084,494	453,261	37,521	1,575,276	1,142,946	722,561	291,744	2,157,251	3,732,527	83,270	3,815,797
2018	562,019	78,366	30,253	670,638	417,424	511,111	391,184	1,319,719	1,990,357	196,300	2,186,657
<b>Total</b>	<b>6,092,007</b>	<b>2,214,077</b>	<b>905,861</b>	<b>9,211,945</b>	<b>5,875,313</b>	<b>3,679,801</b>	<b>2,928,455</b>	<b>12,483,569</b>	<b>21,695,514</b>	<b>962,321</b>	<b>22,657,835</b>

<sup>1</sup> Table A delivered and not exchanged or transferred or stored

<sup>2</sup> Other SWP = SWP Exchanges, Transfers, Carryover Storage, Flexible Storage, Article 21, Pool A/B, settlement

<sup>3</sup> Non-SWP = banking, non-SWP transfers and exchanges, Dry Year Purchase Program, local water, general conveyance water, operations exchange

<sup>4</sup> Deliveries made to non State Water Contractors. Does not include FSRA, include BBID and CVC. Del="Y", SWP="N"

**Table 12: State Water Project Water Management Activities, CY 2010 through 2018, percentages**

	$= (a) / (d)$	$= ((b) + (c)) / (d)$	$= (c) / (d)$	$= (e) / (h)$	$= ((f) + (g)) / (h)$	$= (g) / (h)$	$= (j) / (k)$	$= ((c) + (g) + (j)) / (k)$
	MWD Table A	MWD Non- Table A	MWD Non- SWP	Contractors Table A	Other Contractors Non-Table A	Other Contractors Non-SWP	Non SWC to Total	Total non-SWP to Total
<b>2010</b>	50.8%	49.2%	21.1%	49.0%	51.0%	25.2%	5.3%	27.3%
<b>2011</b>	53.6%	46.4%	9.1%	61.1%	38.9%	9.0%	1.7%	10.6%
<b>2012</b>	74.4%	25.6%	0.8%	57.2%	42.8%	15.0%	3.9%	12.5%
<b>2013</b>	70.3%	29.7%	13.0%	38.1%	61.9%	30.1%	5.9%	27.6%
<b>2014</b>	14.9%	85.1%	28.7%	3.7%	96.3%	71.3%	8.3%	59.3%
<b>2015</b>	67.4%	32.6%	26.0%	32.0%	68.0%	46.4%	4.0%	40.5%
<b>2016</b>	93.7%	6.3%	4.0%	57.5%	42.5%	18.7%	3.0%	14.6%
<b>2017</b>	68.8%	31.2%	2.4%	53.0%	47.0%	13.5%	2.2%	10.8%
<b>2018</b>	83.8%	16.2%	4.5%	31.6%	68.4%	29.6%	9.0%	28.3%
<b>Total</b>	66.1%	33.9%	9.8%	47.1%	52.9%	23.5%	4.2%	21.2%

The SWP has transformed from being a transporter of SWP water to a transporter of other water sources as well for Metropolitan, other State Water Contractors, and non-Contractors. The reason for this is quite simple: the SWP has allocated only about 50 percent on average of the water due to State Water Contractors. The State Water Contractors have a significant investment in the costs of operating, maintaining and financing the SWP, and have developed creative programs to develop additional supplies and improved supply reliability by using the SWP as a transportation system. Specifically, during times of shortage or low SWP supply allocations, Metropolitan uses the SWP facilities to transport non-SWP water, which is water it has acquired through use of non-SWP sources, to its service area. When Metropolitan conveys non-project water, it is using the SWP transportation facilities in transactions that have nothing to do with SWP water supply. The ability to move non-SWP water through the SWP facilities, either as a result of purchases of non-SWP water or withdrawals from banking programs, enhances Metropolitan’s operational flexibility and contributes to regional system reliability from which all member agencies benefit.

In addition, Metropolitan has, from time to time, used its capacity in the SWP to wheel non-Metropolitan water to its member agencies. Examples include water delivered to Santa Margarita Water District (1,665.2 acre-feet net in 1998-2000) and Irvine Ranch Water District (1,000 acre-feet in 2015), sub-agencies of the Municipal Water District of Orange County, and for the San Diego County Water Authority (23,077 acre-feet in 2008 and 15,520 acre-feet net in 2009).

The costs of the SWP conveyance facilities are paid pursuant to Metropolitan’s State Water Contract. DWR’s Transportation Charge recovers the costs associated with the various aqueduct reaches that deliver project water to the Contractors. The Capital and fixed OMP&R portions of the SWP Transportation Charge recover costs from the Contractors based on the accumulation of allocated costs for each aqueduct reach to each Contractor. Unlike the Delta Water Charge, which is uniform for a unit of Table A water, the allocation of these portions of the Transportation Charge will vary based on the aqueduct segments needed to deliver water to a specific Contractor. The further a Contractor is from the Delta and the greater its capacity in the transportation facilities, the greater its allocation of the Capital and fixed OMP&R Transportation Charges. Payment of the Transportation Charge allocates Contractors the right to use their capacity in the SWP facilities for transportation of SWP or non-SWP water, on a space available basis, under the SWC. A Contractor that participates in the repayment of a particular reach, or segment of the SWP, has already paid the costs of using that reach for the conveyance of water supplies through the Transportation Charge. On average, Metropolitan pays approximately 63 percent of the total transportation costs, both capital and OMP&R, of the SWP.

## Delta Conveyance

In May 2019, Governor Newsom announced actions to begin the environmental review process for a single-tunnel conveyance in the Delta (which has become known as the “Delta Conveyance Project”). At this time, the environmental review process of Delta Conveyance is underway. Metropolitan will work with the administration to advance the single-tunnel project.

DWR has not provided an analysis for how it proposes to categorize the capital financing and operating costs of the Delta Conveyance Project on State Water Contractor Statement of Charges. In each of fiscal years 2020/21 and 2021/22, Metropolitan’s planned contribution for Delta Conveyance Project planning activities are budgeted at \$25 million per year, as explained above. Metropolitan has allocated these costs as transportation costs based on the function of the facility, which is to convey water from the Delta.

## Conveyance and Aqueduct: CRA

The CRA has also transformed from being source dedicated to delivering only Metropolitan’s entitlement of Colorado River water to a delivery system supporting many different supply sources. Specifically, Metropolitan uses the CRA to:

- transport water made available as a result of cooperative programs implemented through agreements with other water agencies, either in the year made available or in a subsequent year as intentionally-created surplus from Lake Mead storage to its service area;
- recharge water in a groundwater basin so that it can subsequently plan to recover it for delivery to Metropolitan’s service area; and
- exchange water with and deliver water in advance to other water agencies.

When Metropolitan conveys water made available as a result of cooperative programs implemented through agreements with other water agencies, to recharge water and subsequently recover it, or to exchange water with or deliver water in advance to other agencies, it is by definition using the CRA as a transportation facility. The ability to convey such water through the CRA facilities enhances Metropolitan’s operational flexibility and contributes to regional system reliability for the benefit of all member agencies. Metropolitan’s total calendar year CRA water management activities from 2010 through 2018 are shown in Table 13.

**Table 13: CRA Water Management Activities in Acre-Feet, CY 2010 through 2018**

	(a)	(b)	(c)	(d)	(e)	(f)	(g) = (a) / (f)	= ((f) - (a)) / (f)
	Priority 4 & 5	IID/MWD	PVID + Bard**	Other, including Storage (to)/from	MWD Exchange w SDCWA	Total Net Diversions	Priority 4 & 5 to Total	Non Priority 4 and 5 to Total
<b>2010</b>	815,525	97,000	148,600	(113,571)	151,507	1,099,061	74.2%	25.8%
<b>2011</b>	485,178	99,940	122,200	(151,571)	143,243	698,990	69.4%	30.6%
<b>2012</b>	467,166	93,677	73,700	(85,285)	186,861	736,119	63.5%	36.5%
<b>2013</b>	545,087	98,307	32,750	156,315	180,256	1,012,715	53.8%	46.2%
<b>2014</b>	484,937	84,305	43,010	383,959	180,123	1,176,334	41.2%	58.8%
<b>2015</b>	616,685	101,105	94,477	187,311	179,347	1,178,925	52.3%	47.7%
<b>2016</b>	613,491	90,374	126,383	(11,503)	178,278	997,023	61.5%	38.5%
<b>2017</b>	590,021	105,000	121,689	(319,009)	179,326	677,027	87.1%	12.9%
<b>2018</b>	663,915	105,000	95,752	(183,305)	207,746	889,108	74.7%	25.3%
<b>Total</b>	2,797,893	874,708	858,561	(136,659)	1,586,687	5,981,190	46.8%	53.2%

(a) Use by holders of Indian and Miscellaneous present perfected rights and use by holders of Priorities 1, 2, and 3b above 420,000 acre-feet absent the Metropolitan-PVID Land Management, Crop Rotation, and Water Supply Program have been deducted from the Priority 4 supply of 550,000 acre-feet.

In the 9 calendar years ending 2018, approximately 47 percent of the CRA diversions to Metropolitan represent Metropolitan’s entitlements under the Seven Party Agreement system. The remaining 53 percent represents volumes of Colorado River water moved through other programs. Metropolitan periodically transports water for Tijuana, Mexico through the CRA. Recent amounts are 316 acre-feet in calendar year 2018 and 706 acre-feet in 2019, 5,152 acre-feet in calendar year 2009 and 102 acre-feet in calendar year 2012.

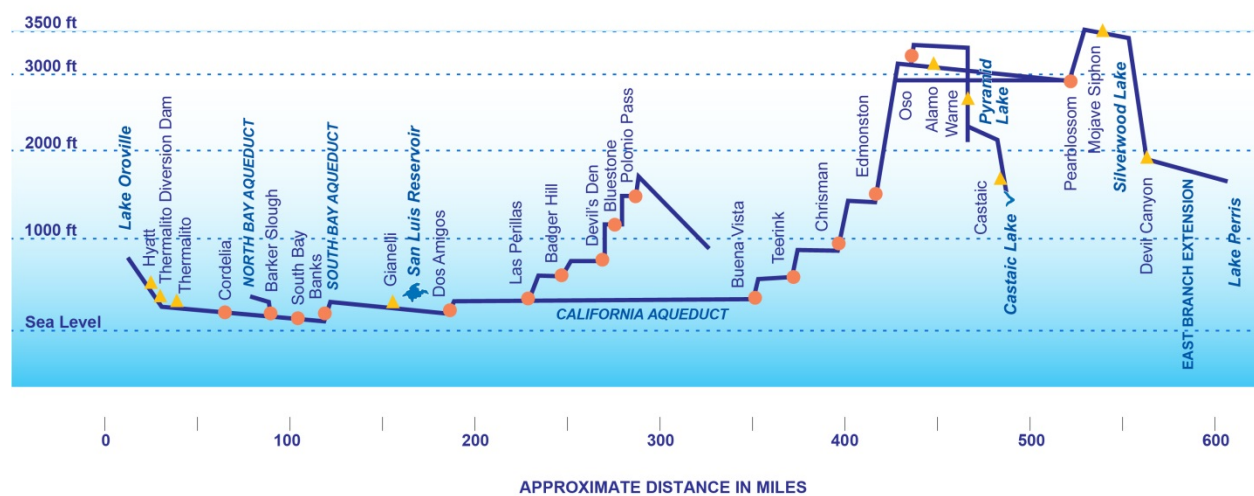
With regard to use as a transportation facility, the CRA differs from the SWP’s California Aqueduct in that the capacity of the CRA is uniform through its entire length. The CRA was designed to move a relatively uniform volume of water through its entire length, and Metropolitan relies on the entire length to move water. There are no “reaches”, or segments of the aqueduct, that are associated with deliveries to take-out points. The 4 regulating reservoirs are small, so water cannot be “batched” like the SWP, where pumps are cycled on and off to take advantage of cheaper time periods of the day to use electricity. Unlike the SWP, each CRA pump is uniformly sized at 225 cfs; none are variable speed pumps. This means the pumps are either operating at 225 cfs of capacity or are off at 0 cfs.

The costs of the CRA itself are paid by Metropolitan directly, as it operates the CRA. Metropolitan incurs capital and operations and maintenance expenditures to support the CRA activities. The costs of the CRA activities include labor, materials and supplies, outside services to provide repair and maintenance, and professional services. The CRA activities benefit from Water System Operations support services and management supervision, as well as Administrative and General activities of Metropolitan. Metropolitan finances past, current and future capital improvements on the CRA, and capitalizes those improvements as assets. The costs of Metropolitan’s capital financing activities are apportioned to operational functions, such as conveyance and aqueduct.

### Conveyance and Aqueduct: SWP Power

In addition to the charges for supply (the Delta Water Charge capital and OMP&R) and Transportation (Transportation Capital and OMP&R), DWR also charges for the power needed to deliver project water throughout the system. Two charges recover these power costs: the variable OPMR portion of the Transportation Charge (Variable Charge) and the Off-Aqueduct Power Facilities (OAPF) charge. Because the State Water Contracts are cost recovery contracts, DWR invoices Contractors on an estimated basis for any calendar year, and then provides credits in later years once cost true-ups are finished.

**Figure 14: Pumping Lift and Recovery Generation Facilities, SWP**



The Variable Charge includes the annually estimated cost of purchased power including capacity and energy, cost of SWP power generation facilities, program costs to offset annual fish losses at the Banks Pumping Plant, purchased transmission services, and credits for sales of ancillary services and excess SWP system power sales. The various lifts and recovery generation facilities of the SWP are shown in Figure 14; the orange circles indicate pumps to lift water, and the yellow triangles indicate recovery generation facilities.

The Variable Charge is calculated on the basis of the energy required to pump an acre-foot of water to its take-out point multiplied by the system energy rate, less energy from the recovery generation plants. The system energy rate is a system-wide average rate calculated as the net cost of energy--total costs less revenues--divided by the net energy required to pump all water. That rate is applied to each acre-foot of water delivered to SWP customer based on the power required to pump the water to designated delivery points on the system. DWR can adjust the system energy rate as the calendar year progresses in order to reflect actual costs.

The OAPF charge recovers only ongoing environmental remediation costs of power generation facilities not on the aqueduct, namely Reid Gardner Unit 4, and is negligible at this time.

The SWP uses low-cost hydroelectric and recovery generation resources, but they only provide about 50 percent of the SWP energy needs in an average water year. The SWP relies on the wholesale market and contractual resources with exposure to market price volatility for as much as 30 to 35 percent of its needs, using other contractual resources to fill in the difference.

The SWP energy required to move water to Metropolitan is related to the transportation on the East Branch through Devil Canyon and on the West Branch through Castaic. Because Metropolitan moves the largest amount of water on the SWP and Metropolitan’s delivery points on the East and West Branch are at or near the southern extreme of the SWP, Metropolitan pays approximately 70 percent of the SWP power costs. The cost of power per acre-foot to Metropolitan’s delivery points on the East and West Branches are shown in Table 14.

**Table 14: Cost of SWP Power for Metropolitan Terminal Delivery Points, \$ per Acre-Foot**

	CY 2015 DWR	CY 2016 DWR	CY 2017 DWR	CY 2018 DWR	CY 2019 Estimated	CY 2020 Estimated	CY 2021 Estimated
East Branch	\$241.17	\$186.21	\$160.55	\$174.90	\$160.33	\$199.67	\$207.44
West Branch	\$226.58	\$175.85	\$170.57	\$162.42	\$155.10	\$213.79	\$221.11

The SWP energy costs are impacted by two factors. First, the annual hydrology, secondly the energy policies of the state of California. The SWP has invested heavily in hydroelectric power generation facilities. The unit cost of operating the power facilities declines as the amount of available water increases. The SWP is acquiring renewable resources, primarily solar to date, to meet its obligation to reduce greenhouse gas emissions. The SWP energy costs are also impacted by the increasing cost of using the California Independent System Operator’s (CAISO) grid to deliver power from its generating sources and the wholesale power market to its pumping loads. The SWP does not own high voltage transmission facilities and must use the CAISO grid to move power; the SWP is the largest payer of the CAISO transmission access rates. Finally, the SWP has an obligation to acquire and surrender emissions allowances for the generating facilities the SWP owns, primarily the Lodi Energy Center.



## Conveyance and Aqueduct: CRA Power

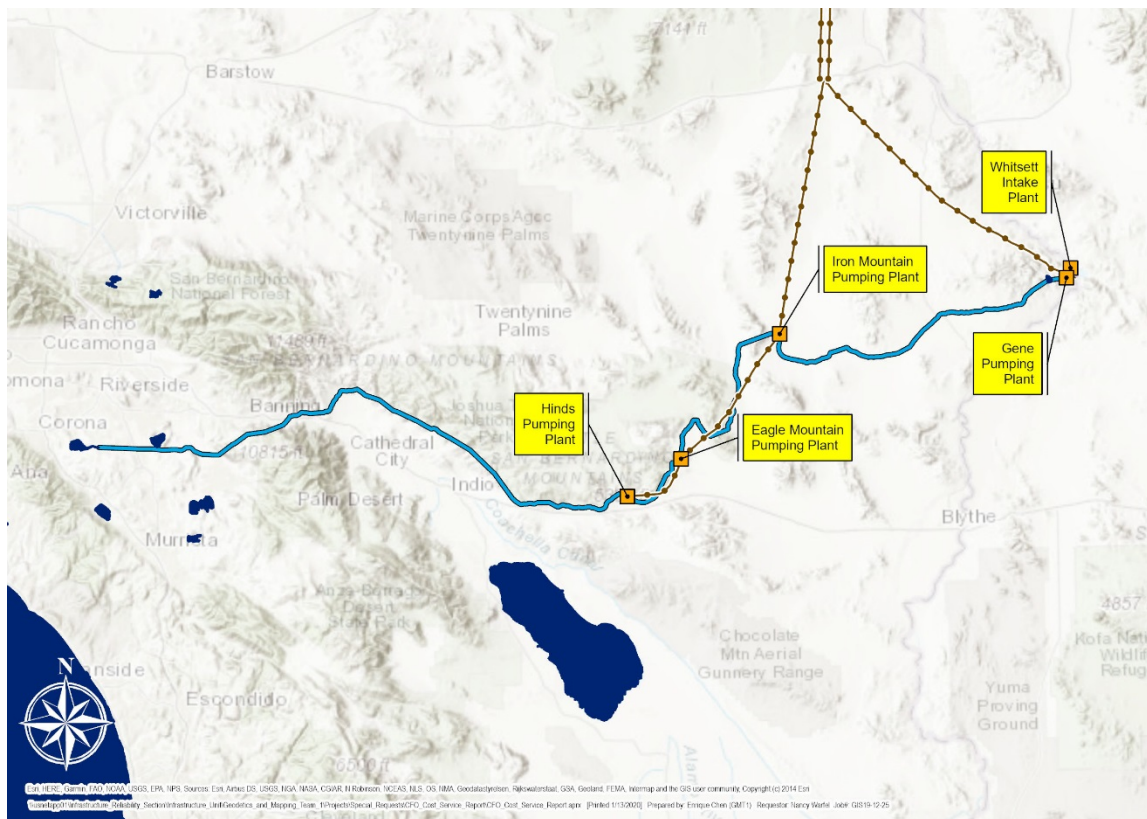
Metropolitan operates five pumping plants on the CRA, which are shown in Figure 15. Water enters the aqueduct system from Lake Havasu at the Whitsett Intake Pumping Plant (Intake). It is then pumped to its highest elevation of 1,807 feet above sea level at the Hinds Pumping Plant (Hinds), which is about 126 miles west of Intake. Five pumping plants lift the water a total of 1,617 feet to the Hinds Pumping Plant. From Hinds, the water flows 116 miles by gravity to Lake Mathews.

Metropolitan currently has three basic sources of power available to meet CRA energy requirements: Hoover Power, Parker Power, and wholesale purchases from entities in the Western United States.

Under a contract between the United States, Department of Energy, Western Area Power Administration, and Metropolitan, Metropolitan currently has a right to approximately 250 megawatts (MW) of capacity at the Hoover Dam power plant. Metropolitan has an annual firm energy entitlement of 1,291,227 megawatt-hours (MWh). The cost charged to Metropolitan for Hoover power is based on the revenue required by the U.S. Bureau of Reclamation to operate and maintain the power plant. This source of power has historically been at a lower cost than power purchased at market rates.

Metropolitan funded the total cost of construction of Parker Dam and incidental facilities, and 50 percent of the construction cost of the Parker Power plant. In consideration for this funding, Metropolitan is entitled in perpetuity to 50 percent of the capacity and energy of the four Parker generating units, which is approximately 54 MW of capacity. Parker power is also cost-based.

**Figure 15: Metropolitan CRA Pumping Plants**



Metropolitan's current basic energy resource mix is very cost effective but is not sufficient to pump Metropolitan's Colorado River water supplies in all years. For that reason, Metropolitan is required to purchase supplemental power to transport Colorado River water supplies in some years. As a result, Metropolitan requires any party seeking to wheel non-Metropolitan water through its CRA to purchase, or arrange for Metropolitan to purchase, the power supplies required to pump that water. Any Colorado River FYs 2020/21 and 2021/22 Cost of Service Report 66 May 2020



water that is pumped through Metropolitan’s CRA is diverted above Parker Dam and cannot generate energy for Metropolitan’s use at the Parker Dam Power plant. To compensate for this loss, an additional 32 kilowatt-hours per acre-foot are required to make Metropolitan whole for undertaking to pump non-Metropolitan water through the CRA that would otherwise have flowed through the Parker Power plant. In total, 2,032 kilowatt-hours (or 2.032 MWh) of energy must be provided to Metropolitan to convey each acre-foot of non-Metropolitan water supplies through the CRA.

Supplemental power can be purchased to pump non-Metropolitan water through the CRA. The market rate for electric energy prices is regularly tracked and published for various regions in California. Metropolitan uses the California Independent System Operator (CAISO) Open Access Same-time Information System (OASIS) Day Ahead Locational Marginal Price as reflective of the supplemental power costs for electric energy used for its pumping plants on the CRA. The regional index applicable to energy sold for use on the CRA is designated as “South-of-Path 15”, or SP15, and is reflective of Southern California market energy prices.

Any party seeking to pump non-Metropolitan water through the CRA would have to purchase, or arrange for Metropolitan to purchase on its behalf, supplemental power. The market costs for purchases of power for the CRA are reflected in the CAISO OASIS Day Ahead Locational Marginal Price. Because Metropolitan utilizes the pumping capacity on the CRA for its own water supplies during off-peak hours to minimize its costs, the pumping of non-Metropolitan wheeled water would occur during on-peak hours and the on-peak price index published on the CAISO OASIS Day Ahead Locational Marginal Price is indicative of the price that would be paid to pump non-Metropolitan water.

**Table 15: Cost of CRA Power Sources, \$ per Megawatt-hour (MWh)**

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Hoover <sup>1</sup>	\$15.84	\$15.36	\$17.86	\$18.46	\$18.33
Parker <sup>1</sup>	\$13.55	\$12.58	\$15.40	\$14.38	\$17.67
SP15, off-peak <sup>2</sup>	\$33.15	\$24.97	\$26.48	\$28.27	\$38.52
SP15, on-peak <sup>3</sup>	\$40.68	\$30.13	\$33.46	\$38.84	\$49.97

<sup>1</sup>Information from Annual Reports for years 2015, 2016, 2017, 2018 and 2019

<sup>2</sup>SP15, off-peak is used to determine Metropolitan’s off-peak energy costs.

<sup>3</sup>SP15, on-peak is used to determine the market value of Metropolitan sales of excess energy, if any. SP15, on-peak is also used to determine the pumping costs associated with pumping non-Metropolitan water through the CRA system, unless otherwise provided by contract.

Metropolitan from time to time sells excess energy into the wholesale market and realizes revenues, which offset the total cost of energy as reflected in the System Power Rate. If Metropolitan were to deliver additional water through the CRA, these sales become a lost opportunity. The on-peak price index published on the CAISO OASIS Day Ahead Locational Marginal Price is indicative of the price that Metropolitan could realize by selling excess energy.

**Table 16: South-of-Path 15 On-Peak Energy Prices (\$/MWh\*)**

	CY 2015	CY 2016	CY 2017	CY 2018	CY 2019
January	\$ 35.70	\$ 30.14	\$ 36.22	\$ 37.09	\$ 42.56
February	\$ 31.88	\$ 24.47	\$ 28.52	\$ 36.84	\$ 72.73
March	\$ 30.73	\$ 19.61	\$ 23.97	\$ 32.39	\$ 35.98
April	\$ 29.03	\$ 18.92	\$ 26.71	\$ 27.69	\$ 24.83
May	\$ 28.11	\$ 23.06	\$ 32.08	\$ 24.12	\$ 20.25
June	\$ 37.01	\$ 33.41	\$ 38.14	\$ 31.45	\$ 24.81
July	\$ 39.27	\$ 39.03	\$ 41.49	\$ 101.04	\$ 35.24
August	\$ 39.02	\$ 38.57	\$ 54.96	\$ 85.22	\$ 36.39
September	\$ 38.00	\$ 35.55	\$ 43.18	\$ 38.32	\$ 40.35
October	\$ 35.55	\$ 35.45	\$ 47.86	\$ 41.09	\$ 35.71
November	\$ 30.22	\$ 30.67	\$ 44.82	\$ 55.50	\$ 37.44
December	\$ 29.83	\$ 36.40	\$ 44.21	\$ 57.26	\$ 37.80

\*MWh = megawatt-hour, or 1,000 kilowatt-hours

Metropolitan has an obligation to acquire and surrender emissions allowances for fossil-fuel energy generated out-of-state and imported into California through its 230,000-volt transmission system. Alternatively, Metropolitan can purchase power in California, which already incorporates any necessary emissions allowances, but must pay to use the CAISO transmission network. Metropolitan has contracted with Arizona Electric Power Cooperative (AEPCO) to provide energy management and scheduling services on a per Megawatt-hour basis. AEPCO also provides operational services for Metropolitan’s CRA transmission system, assuring compliance with federal reliability requirements. Finally, Metropolitan’s CRA power system is within the Balancing Authority Area of the CAISO; Metropolitan incurs Grid Management Charges from the CAISO on a per Megawatt-hour basis and may realize a Resource Adequacy obligation depending on its pumping load and available firm resources.

## Storage

Storage costs include the capital financing, operating, maintenance, and overhead costs for Diamond Valley Lake, Lake Mathews, Lake Skinner, and five smaller regulatory reservoirs within the Distribution System. Metropolitan’s larger storage facilities are operated to provide: (1) emergency storage in the event of an earthquake or similar system outage; (2) drought storage that produces additional supplies during times of shortage; and (3) regulatory storage to balance system demands and supplies and provide for operating flexibility. To reasonably allocate the costs of storage capacity among member agencies, the storage function is categorized into sub-functions of emergency, drought, and regulatory storage.

**Table 17: Functional Assignment of Metropolitan Storage Facilities**

Storage Facilities	Functional Assignments		
	Emergency	Drought	Regulatory
Diamond Valley Lake	54%	33%	13%
Other Regulatory			100%
Lake Skinner	77%		23%
Lake Mathews	44%		56%
Semi-Tropic		100%	
Arvin-Edison		100%	
CRA Off-Stream		100%	
Groundwater Conjunctive Use		100%	

(a) DVL allocations are based on the 2019 Update of Metropolitan’s Emergency Storage Objective, the 2010-2019 DVL Daily Average Available Storage, and the WSO Regulatory Storage White Paper.

(b) Lake Skinner and Lake Mathews allocation percentages are derived from the 2019 Update of Metropolitan’s Emergency Storage Objective, and the WSO Regulatory Storage White Paper.

## Treatment

This function includes capital financing, operating, maintenance, and overhead costs for Metropolitan’s five treatment plants and is considered separately from other costs so that the treatment function may be priced separately.

## Distribution

This function includes capital financing, operating, maintenance, and overhead costs for the Distribution System of feeders, canals, pipelines, laterals, and other appurtenant works. The Distribution System facilities are distinguished from Conveyance and Aqueduct facilities at the point of connection to the SWP, Lake Mathews (CRA), and other major turnouts along the CRA facilities. Examples include the Rialto Pipeline; the Etiwanda Pipeline; the Foothill Feeder; the Sepulveda Feeder; the Santa Monica Feeder; the Upper, Middle, and Lower Feeders; and the San Diego Pipelines No.1, No. 2, No. 3, No. 4, and No. 5.

## Demand Management

A separate demand management function has been used to clearly identify the cost of Metropolitan’s programs designed to reduce the need to import water, such as conservation, incentives for local resource projects like recycling and desalination, the Future Supply Action Program, and the Stormwater Pilot Program. Demand management is an important part of Metropolitan’s resource management efforts. Metropolitan’s incentives in these areas contribute to savings for all users of the system in terms of lower capital costs that would otherwise have been required to expand and maintain the system.

Metropolitan increased the emphasis on Demand Management programs after the devastating drought of the early 1990’s. Metropolitan’s 1996 Integrated Resources Plan identified the Preferred Resource Mix as the resource plan that achieved the region’s reliability goal of providing the full capability to meet all retail-level demands during foreseeable hydrologic events, represented the least-cost sustainable resources plan, met the region’s water quality objectives, was balanced and diversified and minimized risks, and was flexible, allowing for adjustments should future conditions change.

The Preferred Resource Mix included locally developed water supplies and conservation and recognized that regional participation was important to achieve their development. Additional imported supplies frequently have relatively lower development costs but can create a large cost commitment for regional infrastructure to transport and store those imported supplies. On the other hand, local projects, like those designed to recycle water or increase groundwater production, may have higher development costs but require little or no additional infrastructure to distribute water supplies to customers. This trade-off between relatively lower-cost imported supplies requiring large regional infrastructure investments and relatively higher-cost local supply development requiring less additional local infrastructure was an important consideration in the development of the Preferred Resource Mix. A strategy of aggressively investing in imported water supply would lead to higher costs for the region because of the larger investments required in infrastructure.

Metropolitan's 1996 Integrated Resource Plan included an analysis of future demand scenarios and their effect on infrastructure requirements. A comparison of capital infrastructure costs with and without Demand Management Programs showed a difference of around \$2 billion. In other words, the ability to meet demand through local Demand Management Programs resulted in an anticipated \$2 billion in capital cost savings. A sensitivity analysis further showed that a 5% increase or decrease in demand had a correlative effect on when Metropolitan would need to incur capital infrastructure costs. Since then, Metropolitan has seen the benefits materialize. Metropolitan has been able to defer the need to build additional infrastructure such as the Central Pool Augmentation Project tunnel and pipeline, completion of San Diego Pipeline No. 6, the West Valley Interconnection, and the completion of the SWP East Branch expansion. Overall, the decrease in demand resulting from these projects is estimated to defer the need for projects between four and twenty-five years at a savings of approximately \$3 billion in 2019 dollars.

Since 1996, the Integrated Resources Plan has been updated three times, in 2004, 2010, and 2015, reaffirming long-term sustainability of the region's water supply through implementation of conservation and local resource development. Based on the 1996 IRP and its updates, Metropolitan determined Demand Management Programs decrease and avoid operating and capital maintenance and improvement costs, such as costs for repair of and construction of additional or expanded water conveyance, distribution, and storage facilities. Investments in demand side management programs like conservation, water recycling, and groundwater recovery help defer the need for additional conveyance, distribution, and storage facilities. The programs also free up capacity in Metropolitan's system to convey both Metropolitan water, and water from other non-Metropolitan sources.

In April 2018, the Board directed staff to undertake a process to determine the most appropriate cost allocation of demand management costs going forward. Metropolitan undertook that process, with the assistance of consultants and input from its member agencies, resulting in (1) an updated cost functionalization of demand management costs based on updated resource and system planning, and (2) rate design alternatives for recovering demand management costs. Based on the results of the study, staff presented to the Board at least four different rate-design alternatives. Staff also presented to the Board the option of using the balance of the Water Stewardship Fund at the end of fiscal year 2019/20 to fund demand management costs for the next biennial budget. The WSR will also continue to add to the Water Stewardship Fund through the end of calendar year 2020. The Board approved the option to use the Water Stewardship Fund to fund demand management costs in the next biennial period to allow it to consider demand management funding in relation to the upcoming 2020 IRP update and to undergo a rate structure refinement process. Given the Board's action, revenue requirements for demand management will be met with the Water Stewardship Fund and no rate element or charge will be collected in 2021 or 2022 for that purpose.

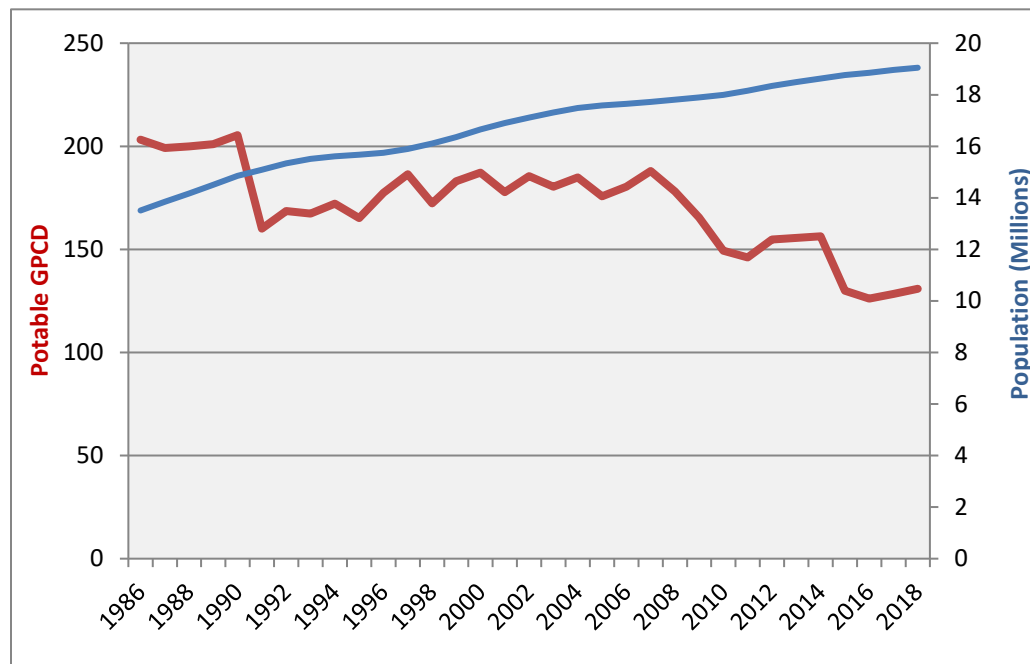
### **Demand Management: SB-60**

In September 1999, Governor Gray Davis signed SB 60 (Hayden) into law. SB 60 amended the Metropolitan Water District Act to direct Metropolitan to increase "sustainable, environmentally sound, and cost-effective water conservation, recycling, and groundwater storage and replenishment measures." SB 60 also requires Metropolitan to hold an annual public hearing to review its urban water management plan for adequacy in achieving an increased emphasis on cost-effective conservation and local water resource development, and to

invite knowledgeable persons from the water conservation and sustainability fields to these hearings. Finally, Metropolitan is required to annually prepare and submit to the Legislature a report on its progress in achieving the goals of SB 60. SB 60 specifically indicated that no reimbursement was required by legislation because Metropolitan, as a local agency, has the authority to levy service charges, fees or assessments sufficient to pay for the program or level of service mandated by SB 60. No other water utility in California, public or private, has been specifically identified by the state Legislature and directed to pursue water conservation and local water resource development.

In fiscal year 2018/19 alone, Metropolitan’s service area achieved 1.6 million acre-feet of water savings from conservation, recycled water and groundwater recovery programs. Figure 16 below compares population in millions on the right axis and gallons per capita daily (GPCD) water use on the left axis. While the population has increased to approximately 19 million in 2018, GPCD water use has decreased to approximately 131 GPCD. These reductions derived from programs for which Metropolitan paid incentives, as well as code-based conservation achieved through legislation, building and plumbing codes and ordinances, and reduced consumption resulting from changes in water pricing. Cumulatively, since 1982 Metropolitan has invested over \$1.4 billion and Metropolitan’s service area has achieved 6.9 million acre-feet of water savings. These water savings reduce per capita water demands, allowing Metropolitan to serve a growing population with existing supplies and without constructing additional facilities to import water.

**Figure 16: Population and Per Capita Daily Water Use**

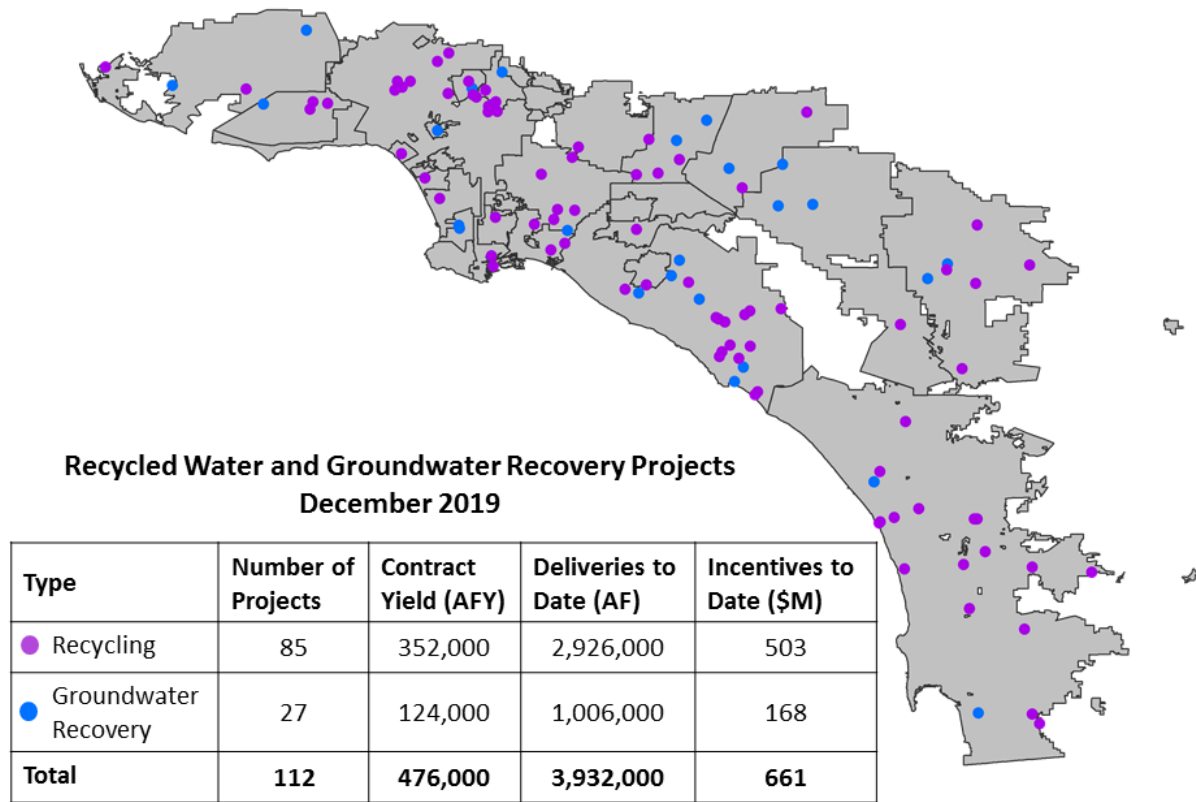


Metropolitan’s Conservation Credits Program provides incentives to residents and businesses for use of water-efficient products and qualified water-saving activities. Rebates have been provided to residential customers for turf removal and purchasing of high-efficiency clothes washers and toilets. Rebates are also provided to businesses and institutions for water-saving devices. In fiscal year 2018/19, the Conservation Credits Program achieved 1.0 million acre-feet of saved water through new and existing conservation initiatives funded with incentives and maintained through plumbing codes. Cumulatively, through fiscal year 2018/19 the Conservation Credits Program has achieved over 3.0 million acre-feet of water savings.

Metropolitan provides financial incentives through its Local Resources Program for the development and use of recycled water and recovered groundwater for the participants. The Local Resources Program consists of 85 recycling projects and 27 groundwater recovery projects located throughout Metropolitan’s service area, of which 112 projects are in operation, as shown in Figure 17. From the Local Resources Program’s inception in 1982 through FY 2018/19, Metropolitan has paid out about \$497 million in incentives to produce about 2.9

million acre-feet of recycled water. Metropolitan also provided approximately \$164 million to produce 991,000 acre-feet of recovered degraded groundwater for municipal use.

**Figure 17: Local Resources Program Projects**



**Demand Management: SB X7-7, AB 1668, and SB 606**

SB X7-7 mandated a new requirement to lower urban per capita water use 20 percent by December 31, 2020. Enacted by the state Legislature and signed into law by Governor Schwarzenegger as part of a historic package of water reforms in November 2009, the “20x2020” plan gave local communities flexibility in meeting this target while accounting for previous efforts in conservation and recycling. The Legislature found that reducing water use through conservation and regional water resources management would result in protecting and restoring fish and wildlife habitats, reducing dependence on water through the Delta, and providing significant energy and environmental benefits. Metropolitan coordinated closely with its member agencies to achieve these targets both at a retail agency level in compliance with legislative requirements, and as a region, in achieving a true 20 percent reduction in per-capita water use.

AB 1668 and SB 606 build on Governor Brown’s efforts to make water conservation a way of life in California and create a new foundation for long-term improvements in water conservation and drought planning. These bills establish guidelines for efficient water use and a framework for the implementation and oversight of the new standards, which must be in place by 2022. The two bills strengthen the state’s water resiliency in the face of future droughts with provisions that include:

- Establishing water use objectives and long-term standards for efficient water use that apply to urban retail water suppliers; comprised of indoor residential water use, outdoor residential water use,



commercial, industrial and institutional (CII) irrigation with dedicated meters, water loss, and other unique local uses.

- Providing incentives for water suppliers to recycle water.
- Identifying small water suppliers and rural communities that may be at risk of drought and water shortage vulnerability and provide recommendations for drought planning.
- Requiring both urban and agricultural water suppliers to set annual water budgets and prepare for drought.
- Metropolitan coordinates closely with its member agencies to achieve these provisions both at a retail agency level in compliance with legislative requirements and as a region.

## Administrative and General (A&G)

These costs occur in each of the Groups' departmental budgets and reflect overhead costs that cannot be directly functionalized. The COS process allocates A&G costs to the operational functions based on the labor costs of non-A&G dollars allocated to each function.

## Hydroelectric

Hydroelectric costs include the capital financing, operating, maintenance, and overhead costs incurred to operate the 16 small hydroelectric plants located throughout the water distribution system.

## Functional Assignment Bases

The functional assignment bases are used to assign costs that make up the Revenue Requirement into the various operational functions. The primary functional assignment bases used in the cost of service process are listed below.

- Direct assignment
- Net Book Value plus Work-In-Progress
- Prorating in proportion to other allocations
- Manager analysis
- Prior year results

Schedule 3 summarizes the total dollar amounts assigned, including the absolute value of Revenue Offsets (rather than showing Revenue Offsets as a reduction to costs), using each of the above types of assignment bases, for FY 2020/21 and FY 2021/22. It assigns both total Revenue Requirements before Revenue Offsets and Revenue Offsets by summing the items before assigning dollars to the primary functional assignment bases. To ensure the correct amount has been assigned, the Revenue Requirement is restated at the bottom portion of each fiscal year chart.

**Schedule 3: Summary of Functional Assignments by Type of Assignment Basis, FY 2020/21 and FY 2021/22**

<b>Primary Functional Assignment Bases</b>	<b>Estimated for FY 2021</b>	<b>% of Assigned Dollars</b>
Direct Assignment	\$ 1,125,850,891	55.8%
Net Book Value	450,555,321	22.3%
Pro-Rating	110,493,362	5.5%
Manager Analysis	150,722,426	7.5%
Prior-Year Results	97,718,688	4.8%
Other	83,682,826	4.1%
<b>Total Dollars Assigned</b>	<b>\$ 2,019,023,515</b>	<b>100.0%</b>
<b>Portion of Above Assignment Relating to:</b>		
Revenue Requirements before Offsets	1,820,441,998	
Revenue Offsets	198,581,516	
<b>Total Dollars Assigned</b>	<b>\$ 2,019,023,515</b>	
<b>Net Revenue Requirements</b>		
Revenue Requirements before Offsets	1,820,441,998	
Revenue Offsets	(198,581,516)	
<b>Net Revenue Requirements</b>	<b>\$ 1,621,860,482</b>	

Totals may not foot due to rounding

<b>Primary Functional Assignment Bases</b>	<b>Estimated for FY 2022</b>	<b>% of Assigned Dollars</b>
Direct Assignment	\$ 1,174,938,060	55.7%
Net Book Value	485,903,372	23.0%
Pro-Rating	112,864,248	5.4%
Manager Analysis	156,836,081	7.4%
Prior-Year Results	102,118,051	4.8%
Other	76,190,053	3.6%
<b>Total Dollars Assigned</b>	<b>\$ 2,108,849,865</b>	<b>100.0%</b>
<b>Portion of Above Assignment Relating to:</b>		
Revenue Requirements before Offsets	1,908,294,511	
Revenue Offsets	200,555,354	
<b>Total Dollars Assigned</b>	<b>\$ 2,108,849,865</b>	
<b>Net Revenue Requirements</b>		
Revenue Requirements before Offsets	1,908,294,511	
Revenue Offsets	(200,555,354)	
<b>Net Revenue Requirements</b>	<b>\$ 1,707,739,156</b>	

Totals may not foot due to rounding

Each of the primary assignment bases is discussed in detail in the remainder of this section. Discussion of each assignment basis includes examples of costs assigned using that particular basis.

### **(a) Direct assignment**

Direct assignment makes use of a clear and direct connection between a revenue requirement and the function being served by that revenue requirement. Directly assigned costs typically include: purely administrative costs; and certain distribution and conveyance departmental costs. Examples of costs that are directly assigned to specific functional categories are given below.

- Water Conveyance and Distribution, Desert Region Unit departmental O&M costs are directly assigned to Conveyance and Aqueduct, CRA.
- Transportation Capital and OMP&R charges for State Water Contract are directly assigned to Conveyance and Aqueduct SWP.

### **(b) Net Book Value Plus Work-In-Progress**

Capital financing costs, including debt service and funding replacements and refurbishments from operating revenues, comprise about 21 percent in FY 2020/21 and 21 percent in FY 2021/22 of Metropolitan's annual revenue requirements. One approach would be to assign payments on each debt issue in direct proportion to specific project expenditures made using bond proceeds and assign PAYGO expenditures in a similar fashion. But, this approach would result in a high degree of volatility in relative capital cost assignments from year to year.

The approach used in this analysis is one widely used in water industry cost of service studies. Debt-related costs and PAYGO are allocated on the basis of the net book values of fixed assets plus work in progress for assets under construction within each functional category. This approach produces capital cost assignments that are consistent with the functional distribution of assets. Also, since the assignment basis is tied to fixed asset records rather than debt payment records, the resulting assignments are more reflective of the true useful lives of assets. Use of net book values as an assignment basis provides an improved matching of functional costs with asset lives. A listing of fixed asset net book values summarized by asset function is shown in Schedule 4 for FY 2020/21 and FY 2021/22.

**Schedule 4: Net Book Value and Work in Progress Assignment Base, FY 2020/21 and FY 2021/22**

<b>Functional Categories</b>	<b>NBV for FY 2021</b>	<b>% of Total NBV</b>
Source of Supply	\$ 386,148,624	4.3%
Conveyance & Aqueduct	1,978,193,570	21.8%
Storage	2,199,702,284	24.3%
Treatment	2,303,294,964	25.4%
Distribution	1,589,859,304	17.5%
Administrative & General	506,706,763	5.6%
Hydro-electric	100,616,191	1.1%
<b>Total Fixed Assets Net Book Value</b>	<b>\$ 9,064,521,700</b>	<b>100.0%</b>

Totals may not foot due to rounding

<b>Functional Categories</b>	<b>NBV for FY 2022</b>	<b>% of Total NBV</b>
Source of Supply	\$ 387,432,789	4.2%
Conveyance & Aqueduct	2,000,392,674	21.6%
Storage	2,187,231,375	23.7%
Treatment	2,309,802,164	25.0%
Distribution	1,738,525,699	18.8%
Administrative & General	527,056,539	5.7%
Hydro-electric	96,164,702	1.0%
<b>Total Fixed Assets Net Book Value</b>	<b>\$ 9,246,605,941</b>	<b>100.0%</b>

Totals may not foot due to rounding

In most instances, the cost of service process uses net book value plus work-in-progress to develop assignment bases for debt service costs and PAYGO. Examples of revenue requirements assignments using these net book value and work-in-progress assignments follow.

- Revenue Bond Debt Service: assigned using Net Book Value plus Work In Progress.
- Annual deposit of operating revenue to replacement and refurbishment fund: assigned using Net Book Value plus Work in Progress.

To calculate the relative percentage of fixed assets in each functional category, Metropolitan staff conducted a detailed analysis of historical accounting records and built a database of fixed asset accounts that contains records for all facilities currently in service and under construction. Each facility was sorted into the major operational function that best represented the facilities primary purpose and was then further categorized into the appropriate sub-functions described earlier.

**(c) Pro-rating in proportion to other assignments**

Utility COS studies frequently contain line items for which it would be difficult to identify an assignment basis specific to that line item. In these cases, the most logical assignment basis is often a pro-rata blend of assignment results calculated for other revenue requirements in the same departmental group, or general category. Reasonable pro-rata allocations are based on a logical nexus between a cost and the purpose which it serves. For example: Human Resources Section costs are allocated using all labor costs, since Human Resources spends its time and resources attending to the labor force.

#### **(d) Manager analyses**

The functional interrelationships of some organizational units are developed with extensive input from the organization's managers. In these cases, managers use their firsthand knowledge of the organization's internal operations to generate a functional analysis of departmental costs. For example, Fleet Services Unit costs are assigned to treatment, storage, conveyance, and distribution based on vehicle count by Section and Unit.

#### **(e) Prior year results**

If available, accounting data for the prior fiscal year by appropriation are used to functionalize Departmental O&M costs for several units or sections. Many of the appropriations parallel the operational functions used in the COS. For example, Conveyance and Distribution Eastern and Western Units' costs are assigned to distribution, hydroelectric, and conveyance functions based on the prior year accounting data by appropriation.

A summary of the functional assignment results is shown in Schedules 5 through 8. Schedules 5 and 6 provide a breakdown of the revenue requirement for FY 2020/21 and FY 2021/22, respectively, into the major operational functions and sub-functions prior to the redistribution of administrative and general costs. Schedules 7 and 8 serve as a cross-reference summarizing how the budget line items are distributed among the operational functions for FY 2020/21 and FY 2021/22, respectively. The largest functional component of Metropolitan's revenue requirement is the Conveyance and Aqueduct function, which constitutes approximately 37.3 percent of the assigned revenue requirement in FY 2020/21 and 37 percent in FY 2021/22. Schedule 9 summarizes the budget line items distributed among the operational functions by sub-function for both FY 2020/21 and FY 2021/22.

## Functional Assignment of Revenue Offsets

Revenue Offsets are assigned to the operational functions based on why these revenues were generated. For example, ad valorem property tax revenues are assigned to the General Obligation bonds debt service into Treatment and Distribution based on Net Book Values. The remaining property tax revenues are assigned to SWP Conveyance and Supply, proportionate to SWP capital costs. Hydroelectric sales revenues are assigned to the Hydroelectric function. Interest income is assigned to the operational functions proportional to Revenue Requirements. Miscellaneous revenues and fees are functionalized as Administrative and General, and thus are assigned to the operational functions proportional to Labor Costs.

### Schedule 5: Revenue Requirement (by function), FY 2020/21

Functional Categories	Fiscal Year Ending 2021	% of Assigned Dollars (1)
<b>Source of Supply</b>		
CRA	\$ 44,336,833	2.7%
SWP	118,960,041	7.3%
Other Supply	37,361,714	2.3%
<b>Total</b>	<b>200,658,588</b>	<b>12.3%</b>
<b>Conveyance &amp; Aqueduct</b>		
CRA		
<i>CRA Power (net of sales)</i>	56,423,014	3.5%
<i>CRA All Other</i>	63,121,525	3.9%
SWP		
<i>SWP Power</i>	192,206,294	11.8%
<i>SWP All Other</i>	228,059,046	14.0%
Other Conveyance & Aqueduct	67,585,268	4.2%
<b>Total</b>	<b>607,395,148</b>	<b>37.3%</b>
<b>Storage</b>		
Storage Costs Other Than Power		
<i>Emergency</i>	55,130,667	3.4%
<i>Drought</i>	63,360,316	3.9%
<i>Regulatory</i>	25,207,326	1.5%
Wadsworth plant pumping/generation	(469,889)	0.0%
<b>Total</b>	<b>143,228,420</b>	<b>8.9%</b>
<b>Treatment</b>		
Jensen	47,804,995	2.9%
Weymouth	53,472,553	3.3%
Diemer	58,612,094	3.6%
Mills	28,881,429	1.8%
Skinner	47,666,383	2.9%
<b>Total</b>	<b>236,437,455</b>	<b>14.5%</b>
<b>Distribution</b>	184,888,210	11.4%
<b>Demand Management</b>	59,376,734	3.6%
<b>Hydroelectric</b>	(2,419,095)	0.1%
<b>Administrative &amp; General</b>	192,295,022	11.8%
<b>Total Functional Assignment:</b>	<b>\$ 1,621,860,482</b>	<b>100.0%</b>

(1) Given as a percentage of the absolute values of total dollars Assigned.

Totals may not foot due to rounding



Schedule 6: Revenue Requirement (by function), FY 2021/22

Functional Categories	Fiscal Year Ending 2022	% of Assigned Dollars (1)
<b>Source of Supply</b>		
CRA	\$ 41,906,424	2.4%
SWP	120,251,275	7.0%
Other Supply	39,069,989	2.3%
<b>Total</b>	<b>201,227,689</b>	<b>11.8%</b>
<b>Conveyance &amp; Aqueduct</b>		
CRA		
<i>CRA Power (net of sales)</i>	62,307,232	3.6%
<i>CRA All Other</i>	66,855,799	3.9%
SWP		
<i>SWP Power</i>	197,419,371	11.5%
<i>SWP All Other</i>	236,671,335	13.8%
Other Conveyance & Aqueduct	70,347,065	4.1%
<b>Total</b>	<b>633,600,803</b>	<b>37.0%</b>
<b>Storage</b>		
Storage Costs Other Than Power		
<i>Emergency</i>	57,520,426	3.4%
<i>Drought</i>	60,064,156	3.5%
<i>Regulatory</i>	27,076,513	1.6%
Wadsworth plant pumping/generation	(520,112)	0.0%
<b>Total</b>	<b>144,140,983</b>	<b>8.5%</b>
<b>Treatment</b>		
Jensen	50,892,020	3.0%
Weymouth	56,434,380	3.3%
Diemer	62,155,997	3.6%
Mills	30,030,499	1.8%
Skinner	49,318,838	2.9%
<b>Total</b>	<b>248,831,734</b>	<b>14.5%</b>
<b>Distribution</b>	201,057,482	11.7%
<b>Demand Management</b>	63,651,846	3.7%
<b>Hydroelectric</b>	(1,709,972)	0.1%
<b>Administrative &amp; General</b>	216,938,590	12.7%
<b>Total Functional Assignment:</b>	<b>\$ 1,707,739,156</b>	<b>100.0%</b>

(1) Given as a percentage of the absolute values of total dollars Assigned.

Totals may not foot due to rounding

**Schedule 7: Operational function Revenue Requirements (by budget line item), FY 2020/21**

<b>Fiscal Year Ending 2021</b>	<b>Source of Supply</b>	<b>Conveyance &amp; Aqueduct</b>	<b>Storage</b>	<b>Treatment</b>	<b>Distribution</b>	<b>Demand Management</b>	<b>Hydro Electric</b>	<b>Administrative &amp; General</b>	<b>Total \$ Functionalized</b>
<b>Departmental Operations &amp; Maintenance</b>									
Office of General Manager	\$ 371,773	\$ 812,789	\$ 159,291	\$ 1,336,129	\$ 1,045,033	\$ 111,694	\$ 52,994	\$ 3,286,827	\$ 7,176,529
Water Systems Operations	14,023,657	45,128,387	2,225,513	106,353,867	81,070,947	-	4,175,658	1,581,680	254,559,709
Water Resources Management	15,317,031	-	-	5,484	1,113,199	6,877,026	-	21,421	23,334,161
Engineering Services	1,783,453	9,136,420	10,159,473	10,637,923	7,342,872	-	464,703	2,340,259	41,865,104
Bay Delta Initiatives	-	9,666,300	-	-	-	-	-	-	9,666,300
Business Technology	3,142,643	6,870,611	1,346,506	11,294,476	8,833,799	944,163	447,963	52,134,954	85,015,114
Real Property	1,429,879	7,240,211	1,563,205	-	1,980,575	-	-	7,108,816	19,322,687
Human Resources	956,269	2,090,646	409,726	3,436,776	2,688,021	287,298	136,310	3,664,450	13,669,495
Office of the Chief Financial Officer	-	-	-	-	-	-	-	26,759,739	26,759,739
External Affairs	-	-	-	-	-	2,903,372	-	23,777,856	26,681,228
General Counsel	-	-	-	-	-	-	-	15,321,969	15,321,969
General Auditor	-	-	-	-	-	-	-	4,329,295	4,329,295
Ethics Office	-	-	-	-	-	-	-	1,552,431	1,552,431
<b>Total Departmental O&amp;M</b>	<b>37,024,704</b>	<b>80,945,364</b>	<b>15,863,714</b>	<b>133,064,655</b>	<b>104,074,446</b>	<b>11,123,552</b>	<b>5,277,627</b>	<b>141,879,698</b>	<b>529,253,761</b>
<b>General District Requirements</b>									
State Water Contract*	149,838,392	490,929,726	-	-	-	-	-	-	640,768,118
Colorado River Aqueduct Power Costs	-	52,236,836	-	-	-	-	-	-	52,236,836
Supply Programs	37,280,363	-	31,402,463	-	-	-	-	-	68,682,826
Demand Management	-	-	-	-	-	48,531,757	-	-	48,531,757
Capital Financing	17,101,175	87,607,292	97,417,140	103,848,184	75,820,211	-	4,455,940	22,440,275	408,690,217
Regional Recycled Water Program planning costs	5,626,290	-	-	-	9,373,710	-	-	-	15,000,000
Other Operating Costs	1,040,846	2,275,552	445,964	3,740,739	2,925,761	312,707	148,366	3,988,549	14,878,483
Increase/(Decrease) in Required Reserves	-	-	-	-	-	-	-	42,400,000	42,400,000
<b>Total General District Requirements</b>	<b>210,887,066</b>	<b>633,049,405</b>	<b>129,265,567</b>	<b>107,588,923</b>	<b>88,119,682</b>	<b>48,844,465</b>	<b>4,604,306</b>	<b>68,828,824</b>	<b>1,291,188,237</b>
<b>Revenue Offsets</b>	<b>(47,253,182)</b>	<b>(106,599,621)</b>	<b>(1,900,860)</b>	<b>(4,216,124)</b>	<b>(7,305,918)</b>	<b>(591,283)</b>	<b>(12,301,028)</b>	<b>(18,413,500)</b>	<b>(198,581,516)</b>
<b>Net Revenue Requirements</b>	<b>\$ 200,658,588</b>	<b>\$ 607,395,148</b>	<b>\$ 143,228,420</b>	<b>\$ 236,437,455</b>	<b>\$ 184,888,210</b>	<b>\$ 59,376,734</b>	<b>\$ (2,419,095)</b>	<b>\$ 192,295,022</b>	<b>\$ 1,621,860,482</b>

\* Includes Delta Conveyance planning costs

Totals may not foot due to rounding

**Schedule 8: Operational function Revenue Requirements (by budget line item), FY 2021/22**

<b>Fiscal Year Ending 2022</b>	<b>Source of Supply</b>	<b>Conveyance &amp; Aqueduct</b>	<b>Storage</b>	<b>Treatment</b>	<b>Distribution</b>	<b>Demand Management</b>	<b>Hydro Electric</b>	<b>Administrative &amp; General</b>	<b>Total \$ Functionalized</b>
<b>Departmental Operations &amp; Maintenance</b>									
Office of General Manager	\$ 388,647	\$ 837,465	\$ 163,051	\$ 1,397,786	\$ 1,096,794	\$ 115,143	\$ 55,009	\$ 3,410,804	\$ 7,464,699
Water Systems Operations	14,878,461	47,467,970	2,363,137	111,558,911	84,771,727	-	4,365,530	1,640,607	267,046,343
Water Resources Management	15,939,965	-	-	5,738	1,164,874	7,142,510	-	22,244	24,275,333
Engineering Services	1,839,915	9,499,847	10,387,143	10,969,230	8,256,243	-	456,685	2,502,987	43,912,051
Bay Delta Initiatives	-	9,299,195	-	-	-	-	-	-	9,299,195
Business Technology	3,272,796	7,052,285	1,373,047	11,770,750	9,236,096	969,617	463,228	52,832,304	86,970,123
Real Property	1,411,569	7,147,497	1,543,188	-	1,955,213	-	-	7,017,786	19,075,253
Human Resources	1,001,564	2,158,190	420,190	3,602,167	2,826,495	296,729	141,760	3,792,962	14,240,056
Office of the Chief Financial Officer	-	-	-	-	-	-	-	27,615,004	27,615,004
External Affairs	-	-	-	-	-	2,951,233	-	24,687,748	27,638,981
General Counsel	-	-	-	-	-	-	-	17,002,271	17,002,271
General Auditor	-	-	-	-	-	-	-	4,549,453	4,549,453
Ethics Office	-	-	-	-	-	-	-	1,608,910	1,608,910
<b>Total Departmental O&amp;M</b>	<b>38,732,917</b>	<b>83,462,449</b>	<b>16,249,755</b>	<b>139,304,583</b>	<b>109,307,443</b>	<b>11,475,232</b>	<b>5,482,211</b>	<b>146,683,082</b>	<b>550,697,673</b>
<b>General District Requirements</b>									
State Water Contract*	152,115,770	502,269,408	-	-	-	-	-	-	654,385,178
Colorado River Aqueduct Power Costs	-	57,585,160	-	-	-	-	-	-	57,585,160
Supply Programs	34,411,566	-	26,778,487	-	-	-	-	-	61,190,053
Demand Management	-	-	-	-	-	52,491,694	-	-	52,491,694
Capital Financing	18,174,215	93,837,092	102,601,572	110,409,432	87,734,115	-	4,511,022	24,723,872	441,991,321
Regional Recycled Water Program planning costs	5,626,290	-	-	-	9,373,710	-	-	-	15,000,000
Other Operating Costs	995,471	2,145,061	417,634	3,580,255	2,809,301	294,924	140,898	3,769,889	14,153,432
Increase/(Decrease) in Required Reserves	-	-	-	-	-	-	-	60,800,000	60,800,000
<b>Total General District Requirements</b>	<b>211,323,313</b>	<b>655,836,721</b>	<b>129,797,692</b>	<b>113,989,687</b>	<b>99,917,126</b>	<b>52,786,618</b>	<b>4,651,920</b>	<b>89,293,761</b>	<b>1,357,596,837</b>
<b>Revenue Offsets</b>	<b>(48,828,541)</b>	<b>(105,698,366)</b>	<b>(1,906,464)</b>	<b>(4,462,535)</b>	<b>(8,167,088)</b>	<b>(610,004)</b>	<b>(11,844,103)</b>	<b>(19,038,252)</b>	<b>(200,555,354)</b>
<b>Net Revenue Requirements</b>	<b>\$ 201,227,689</b>	<b>\$ 633,600,803</b>	<b>\$ 144,140,983</b>	<b>\$ 248,831,734</b>	<b>\$ 201,057,482</b>	<b>\$ 63,651,846</b>	<b>\$ (1,709,972)</b>	<b>\$ 216,938,590</b>	<b>\$ 1,707,739,156</b>

\* Includes Delta Conveyance planning costs

Totals may not foot due to rounding

## Schedule 9: Revenue Requirement by sub-function and budget line item, FY 2020/21 and FY 2021/22

Fiscal Year Ending 2021	Supply			Conveyance & Aqueduct					Storage				Treatment	Distribution	Demand Mgt.	Hydro	Total
	CRA	SWC	Other	CRA power	CRA other	SWC power	SWC other	Other C&A	Emergency	Drought	Regulatory	Power					
<b>Dept. Operations &amp; Maintenance</b>	8,508,782	15,135,764	13,380,157	5,644,393	48,653,238	-	19,431,564	7,216,169	7,145,707	5,068,905	3,649,102	-	133,064,655	104,074,446	11,123,552	5,277,627	387,374,063
<b>General District Requirements</b>																	
State Water Contract*																	
Capital	-	57,457,040	-	-	-	(13,041,702)	117,002,797	-	-	-	-	-	-	-	-	-	161,418,135
O&M	-	92,381,352	-	-	-	207,162,017	179,806,614	-	-	-	-	-	-	-	-	-	479,349,983
Colorado River Aqueduct Power				52,236,836	-	-	-	-	-	-	-	-	-	-	-	-	52,236,836
Supply Programs	36,030,363	-	1,250,000	-	-	-	-	-	-	31,402,463	-	-	-	-	-	-	68,682,826
Demand Management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,531,757	-	48,531,757
Capital Financing Program	-	-	17,101,175	7,105,418	13,729,113	-	5,933,500	60,839,261	48,333,079	27,377,402	21,706,659	-	103,848,184	75,820,211	-	4,455,940	386,249,942
Regional Recycling Water Project	-	-	5,626,290	-	-	-	-	-	-	-	-	-	-	-	-	-	15,000,000
Other Operating Costs	239,201	425,499	376,146	158,676	1,367,749	-	546,264	202,862	200,881	142,498	102,584	-	3,740,739	2,925,761	312,707	148,366	10,889,934
<b>Revenue Offsets</b>	(441,513)	(46,439,615)	(372,054)	(8,722,309)	(628,574)	(1,914,021)	(94,661,692)	(673,025)	(549,000)	(630,952)	(251,019)	(469,889)	(4,216,124)	(7,305,918)	(591,283)	(12,301,028)	(180,168,016)
Admin. & General	7,804,249	20,939,559	6,576,476	4,117,717	10,306,237	8,151,870	38,771,356	8,242,109	3,902,128	11,152,796	2,859,165	(19,929)	29,292,846	27,426,247	10,451,599	2,320,597	192,295,022
<b>Net Revenue Requirement</b>	<b>52,141,082</b>	<b>139,899,600</b>	<b>43,938,190</b>	<b>60,540,731</b>	<b>73,427,763</b>	<b>200,358,165</b>	<b>266,830,402</b>	<b>75,827,377</b>	<b>59,032,795</b>	<b>74,513,112</b>	<b>28,066,492</b>	<b>(489,818)</b>	<b>265,730,301</b>	<b>212,314,457</b>	<b>69,828,333</b>	<b>(98,498)</b>	<b>1,621,860,482</b>

\* Includes Delta Conveyance planning costs

Totals may not foot due to rounding

Fiscal Year Ending 2022	Supply			Conveyance & Aqueduct					Storage				Treatment	Distribution	Demand Mgt.	Hydro	Total
	CRA	SWC	Other	CRA power	CRA other	SWC power	SWC other	Other C&A	Emergency	Drought	Regulatory	Power					
<b>Dept. Operations &amp; Maintenance</b>	8,917,284	15,782,391	14,033,243	5,928,483	51,131,191	-	19,091,761	7,311,015	7,281,301	5,149,824	3,818,630	-	139,304,583	109,307,443	11,475,232	5,482,211	404,014,592
<b>General District Requirements</b>																	
State Water Contract*																	
Capital	-	59,734,418	-	-	-	(13,053,358)	120,097,195	-	-	-	-	-	-	-	-	-	166,778,256
O&M	-	92,381,352	-	-	-	212,364,687	182,860,883	-	-	-	-	-	-	-	-	-	487,606,922
Colorado River Aqueduct Power				57,585,160	-	-	-	-	-	-	-	-	-	-	-	-	57,585,160
Supply Programs	33,161,566	-	1,250,000	-	-	-	-	-	-	26,778,487	-	-	-	-	-	-	61,190,053
Demand Management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52,491,694	-	52,491,694
Capital Financing Program	-	-	18,174,215	8,978,669	15,051,199	-	6,284,905	63,522,318	50,603,233	28,579,112	23,419,227	-	110,409,432	87,734,115	-	4,511,022	417,267,448
Regional Recycling Water Project	-	-	5,626,290	-	-	-	-	-	-	-	-	-	-	-	-	-	15,000,000
Other Operating Costs	229,182	405,622	360,667	152,367	1,314,118	-	490,676	187,900	187,136	132,355	98,142	-	3,580,255	2,809,301	294,924	140,898	10,383,543
<b>Revenue Offsets</b>	(401,608)	(48,052,508)	(374,425)	(10,337,448)	(640,709)	(1,891,958)	(92,154,085)	(674,167)	(551,244)	(575,622)	(259,486)	(520,112)	(4,462,535)	(8,167,088)	(610,004)	(11,844,103)	(181,517,102)
Admin. & General	7,795,160	22,368,358	7,267,545	5,460,365	11,597,612	11,110,720	42,398,202	9,467,382	4,952,019	11,172,743	3,421,995	(29,272)	33,896,442	31,776,853	11,840,102	2,442,365	216,938,590
<b>Net Revenue Requirement</b>	<b>49,701,584</b>	<b>142,619,634</b>	<b>46,337,534</b>	<b>67,767,597</b>	<b>78,453,411</b>	<b>208,530,092</b>	<b>279,069,537</b>	<b>79,814,447</b>	<b>62,472,446</b>	<b>71,236,899</b>	<b>30,498,508</b>	<b>(549,384)</b>	<b>282,728,176</b>	<b>232,834,335</b>	<b>75,491,948</b>	<b>732,393</b>	<b>1,707,739,156</b>

\* Includes Delta Conveyance planning costs

Totals may not foot due to rounding

## Allocated Costs

In the cost allocation step, functionalized costs are further categorized based on the causes and behavioral characteristics of these costs. An important part of the allocation process is identifying which costs are incurred to meet average demands versus peak demands and which costs are incurred for standby. As with the functional assignment process, the proposed allocation process is consistent with AWWA guidelines, but has been tailored to meet Metropolitan's specific operational structure and service environment.

Two methods are discussed in the AWWA M1 Manual, Principles of Water Rates, Fees and Charges. These two methods are the Commodity/Demand method and the Base/Extra Capacity method.

In the simplest sense, these approaches offer alternative means of distinguishing between utility costs incurred to meet average or base demands and costs incurred to meet peak demands. The Commodity/Demand method allocates costs that vary with the amount of water produced to the commodity category with all other costs associated with water production allocated to the demand category. In the Base/Extra Capacity method, costs related to average demand conditions are allocated to the base category, and capacity costs associated with meeting above average demand conditions are allocated to the extra capacity category.

The Commodity/Demand approach was modified for its application to Metropolitan's rate structure by adding a separate cost allocation for costs related to standby. Analysis of system operating data indicated that a modified Commodity/Demand approach was most appropriate for developing Metropolitan's cost of service allocation bases.

A modified Commodity/Demand approach is the most appropriate for Metropolitan's cost of service needs because this approach is best suited for systems that are not designed to meet peak-day or peak-hour demands or provide flows for fire-fighting requirements. Metropolitan's system is designed to meet weekly demand peaks rather than daily or hourly peaks. It is also designed to provide available capacity to meet operational flexibility and reliability for emergencies, outages, and hydrologic variability.

Allocation categories used in the analysis include:

- Fixed Demand costs
- Fixed Commodity costs
- Fixed Standby costs
- Variable Commodity costs
- Hydroelectric costs

Fixed Demand costs are incurred to meet peak demands. Only the *direct* capital financing costs were included in the Fixed Demand allocation category. A portion of capital financing costs was included in the Fixed Demand allocation category because in order to meet peak demands additional physical capacity is designed into the system and, therefore, additional capital costs are incurred.

Variable Commodity costs vary with the amount of water produced, and include costs of chemicals, most power costs, and other O&M cost components that increase or decrease in relation to the volume of water supplied. Fixed Commodity costs include fixed operations and maintenance and comprise the balance of Metropolitan's O&M expenses. Fixed Commodity costs also include capital financing costs associated with meeting average demands. Fixed Commodity costs do not vary with the amount of water produced.

Fixed Standby costs relate to Metropolitan's role in ensuring system reliability during emergencies such as an earthquake, an outage of a major facility like the CRA and SWP, and hydrologic variability due to weather variances locally or in the two major supply basins Metropolitan relies on. Only the *direct* capital financing

costs were included in the Fixed Standby allocation category. The Fixed Standby costs identified include the emergency storage capacity within the system, and the available capacity within the conveyance and distribution systems.

An additional component used in Metropolitan's cost allocation process is the hydroelectric component. While not a part of most water utilities' cost allocation procedures, the Hydroelectric allocation component is necessary to segregate revenue requirements carried from the hydroelectric function established in the functional assignment process. Hydroelectric revenue requirements are ultimately recovered in the distribution system portion of the System Access Rate. Any net revenues generated by the hydroelectric operations offset the distribution costs and reduce the System Access Rate. All users of the distribution system benefit proportionately from the revenue offset provided by the sale of hydroelectric energy.

Schedules 10 and 11 provide the allocation percentages used to allocate the capital financing operational function costs into Fixed Demand, Fixed Commodity and Fixed Standby allocation categories for FY 2020/21 and FY 2021/22, respectively.

All of the capital financing costs functionalized to Supply are allocated as Fixed Commodity costs. Because these particular supply costs have been incurred to provide an amount of annual reliable system yield and not to provide peak demand delivery capability or standby availability, they are reasonably treated as Fixed Commodity costs.

Costs for the Conveyance and Aqueduct (C&A) function are allocated into Fixed Commodity, Fixed Demand and Fixed Standby categories. Because the capital costs for C&A were incurred to meet all three allocation categories, an analysis of C&A capacity usage was used. C&A capacity is the sum of the CRA actual capacity of 1.3 million acre-feet plus the SWP amount attributable to Metropolitan of 1.9 million acre-feet under a 100% allocation, for a total Conveyance Capacity of approximately 3.2 million acre-feet. For FY 2020/21, 49 percent of the available conveyance capacity varies with the quantity of water produced and is allocated to Fixed Commodity. A system peak factor<sup>13</sup> of 1.36 was applied to the annual usage to determine that 18 percent of available capacity is used to meet peak monthly deliveries to the member agencies and is allocated to Fixed Demand. The remaining portion of C&A, about 33 percent, is allocated to Fixed Standby. The same allocation percentages are applied to the CRA, SWP, and Other (Inland Feeder) Conveyance and Aqueduct sub-functions. The allocation shares reflect the system average use of conveyance capacity and not the usage of individual facilities. All of the Conveyance and Aqueduct energy costs for pumping water to Southern California are allocated as Variable Commodity costs and, therefore, are not shown in Schedule 6 because they carry through the allocation step. For FY 2021/22, 49 percent of the available conveyance capacity varies with the quantity of water produced and is allocated to Fixed Commodity. A system peak factor of 1.36 was applied to the annual usage to determine that 18 percent of available capacity is used to meet peak monthly deliveries to the member agencies and is allocated to Fixed Demand. The remaining portion of C&A, about 33 percent, is allocated to Fixed Standby.

Storage function costs for emergency, drought and regulatory storage are also distributed to the allocation categories based on the purpose they serve. Emergency storage costs are allocated as 100 percent Fixed Standby. Emergency storage is a prime example of a cost Metropolitan incurs to ensure the reliability of deliveries to the member agencies. In effect, through the emergency storage capacity in the system, Metropolitan is "standing by" with available capacity and water supply to provide service in the event of a catastrophe such as a major earthquake that disrupts regional conveyance capacity for an extended period of time. Drought carryover storage serves to provide reliable supplies by carrying over surplus supplies from periods of above normal precipitation and snow pack to drought periods when supplies decrease. Drought storage creates supply and is one component of the portfolio of resources that result in a reliable amount of

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<sup>13</sup> Peak monthly deliveries to the member agencies average about 41 percent more than the average monthly deliveries.



annual system supplies. As a result, drought storage is allocated as a Fixed Commodity cost, in the same manner as Metropolitan's supply costs. Regulatory storage within the Metropolitan system provides operational flexibility in meeting peak demands and flow requirements, essentially increasing the physical distribution capacity. Therefore, regulatory storage is allocated in the same manner as Distribution costs.

Distribution function costs were allocated as Fixed Commodity by using projected sales data for the test year. For FY 2020/21, 40 percent of the system distribution capacity is associated with the quantity of water delivered and is allocated to Fixed Commodity. Distribution function costs were allocated to Fixed Demand by using three years of recorded non-coincident peak demands. The difference between the three-year average non-coincident peak demand and the fixed commodity flows divided by the system capacity, or 37 percent of the distribution capacity, was used to meet non-coincident peak day demands, and is allocated to Fixed Demand. Although the Metropolitan Distribution System has a great deal of operational flexibility, the total amount of distribution capacity was limited to the historical non-coincident<sup>14</sup> peak (maximum) day flow of all the member agencies; based on the last 20 years that maximum flow was 5,510 cfs in 2004. The remaining 23 percent of distribution capacity is associated with Standby and is allocated to Fixed Standby. For FY 2021/22, 40 percent of the system distribution capacity is associated with the quantity of water delivered, and is allocated to Fixed Commodity, 27 percent was used to meet non-coincident peak (maximum) day demands and is allocated to Fixed Demand, and the remaining 23 percent of distribution capacity is associated with Standby, and is allocated to Fixed Standby.

Treatment function costs were allocated to Fixed Commodity by using projected treated deliveries to the member agencies for the test year. The Treatment Fixed Demand calculation uses the system non-coincident peak factor of 2.0 applied to the test year usage; the remaining capacity is associated with Fixed Standby. Total treated water capacity of 3,652 cfs, which is the total design capacity of all the treatment plants, was used in the calculation. General and Administrative costs have been assigned to the allocation categories by operational function based on the ratio of allocated non-A&G function costs to total non-A&G function costs.

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<sup>14</sup> The term "non-coincident" means that the peak day for each agency may or may not coincide with the peak day for the system. A non-coincident approach is used in the rate design to capture the different operating characteristics of the member agencies. The sum of the member agency peak day demands is used as a proxy for peak week. For Metropolitan, "peak" and "maximum" flows, measured in cfs, are synonymous.

**Schedule 10: Capital Financing Allocation Percentages, FY 2020/21**

Fiscal year ending 2021	Allocation Percentages			Total % Allocated	Comments
	Fixed Commodity	Fixed Demand	Fixed Standby		
Function	Commodity	Demand	Standby		
<b>Source of Supply</b>					
Colorado River Aqueduct	100%	0%	0%	100%	Supply costs allocated as fixed commodity
State Water Project	100%	0%	0%	100%	Supply costs allocated as fixed commodity
<b>Conveyance &amp; Aqueduct</b>					
Colorado River Aqueduct	49%	18%	33%	100%	Demand percentage represents amount of system conveyance capacity used to meet maximum demands. Commodity percentage represents amount of capacity that is a function of the amount of water delivered. Standby percentage is the remaining conveyance capacity. SWP, CRA, and Other are treated the same due to the use of a uniform system-wide System Access Rate.
State Water Project	49%	18%	33%	100%	
Other	49%	18%	33%	100%	
<b>Storage</b>					
Emergency	0%	0%	100%	100%	Allocated as Standby (recovered by RTS)
Drought	100%	0%	0%	100%	Allocated as fixed commodity (recovered by Supply Rates)
Regulatory	40%	37%	23%	100%	Allocated the same way as distribution.
<b>Treatment</b>	30%	29%	40%	100%	Demand percentage represents amount of system treatment capacity used to meet maximum demands. Commodity percentage represents amount of capacity that is a function of the amount of treated water delivered. Standby percentage is the remaining treatment capacity. The same allocations is applied to all five treatment plants due to the use of a uniform system-wide Treatment Surcharge.
<b>Distribution</b>	40%	37%	23%	100%	Demand percentage represents amount of system distribution capacity used to meet maximum demands. Commodity percentage represents amount of capacity that is a function of the amount of water delivered. Standby percentage is the remaining distribution capacity. The same allocations is applied to all distribution facilities due to the use of a uniform system-wide System Access Rate.

Totals may not foot due to rounding

**Schedule 11: Capital Financing Allocation Percentages, FY 2021/22**

Fiscal year ending 2022	Allocation Percentages			Total % Allocated	Comments
	Fixed Commodity	Fixed Demand	Fixed Standby		
<b>Source of Supply</b>					
Colorado River Aqueduct	100%	0%	0%	100%	Supply costs allocated as fixed commodity
State Water Project	100%	0%	0%	100%	Supply costs allocated as fixed commodity
<b>Conveyance &amp; Aqueduct</b>					
Colorado River Aqueduct	49%	18%	33%	100%	Demand percentage represents amount of system conveyance capacity used to meet maximum demands. Commodity percentage represents amount of capacity that is a function of the amount of water delivered. Standby percentage is the remaining conveyance capacity. SWP, CRA, and Other are treated the same due to the use of a uniform system-wide System Access Rate.
State Water Project	49%	18%	33%	100%	
Other	49%	18%	33%	100%	
<b>Storage</b>					
Emergency	0%	0%	100%	100%	Allocated as Standby (recovered by RTS)
Drought	100%	0%	0%	100%	Allocated as fixed commodity (recovered by Supply Rates)
Regulatory	40%	37%	23%	100%	Allocated the same way as distribution.
<b>Treatment</b>	30%	29%	40%	100%	Demand percentage represents amount of system treatment capacity used to meet maximum demands. Commodity percentage represents amount of capacity that is a function of the amount of treated water delivered. Standby percentage is the remaining treatment capacity. The same allocations is applied to all five treatment plants due to the use of a uniform system-wide Treatment Surcharge.
<b>Distribution</b>	40%	37%	23%	100%	Demand percentage represents amount of system distribution capacity used to meet maximum demands. Commodity percentage represents amount of capacity that is a function of the amount of water delivered. Standby percentage is the remaining distribution capacity. The same allocations is applied to all distribution facilities due to the use of a uniform system-wide System Access Rate.

Totals may not foot due to rounding

## **FY 2020/21 Operational Function Revenue Requirements (by allocation category)**

A summary of cost allocation results for FY 2020/21 is shown in Schedules 12 and 13. The allocation of the functionalized costs results in about 5 percent, or \$87 million of the total revenue requirements, being allocated to the Fixed Demand allocation category. This amount represents a reasonable estimate of the annual fixed capital financing costs incurred to meet peak demands (plus the allocated administrative and general costs). A portion of Metropolitan's property tax revenue is allocated to Conveyance & Aqueduct (C&A) Fixed Demand costs and is used to pay for the general obligation bond debt service allocated to the C&A costs, and other SWP costs. This revenue offsets the amount that needs to be recovered through rates.

About 69 percent of the revenue requirement (\$1,114 million) is allocated as Fixed Commodity. These fixed capital and operating costs are incurred by Metropolitan to meet annual average service needs and are typically recovered by a combination of fixed charges and volumetric rates. Fixed capital costs allocated to the Fixed Standby category total about \$143 million and account for about 9 percent of the revenue requirements. Standby costs are commonly recovered by a fixed charge allocated on a reasonable representation of a customer's need for standby availability. The Variable Commodity costs for power on the conveyance and aqueduct systems, and power, chemicals and solids handling at the treatment plants change with the amount of water delivered to the member agencies. These costs are allocated as Variable Commodity costs, total about \$278 million, and account for about 17 percent of the total revenue requirement. Because of the variable nature of these costs, it is appropriate to recover them through volumetric rates.

With regard to Metropolitan's planned contribution for Delta Conveyance Project planning costs, consistent with the treatment of SWP Conveyance & Aqueduct capital costs, 49 percent of costs are allocated to Fixed Commodity, which is recovered through the System Access Rate, and 51 percent of costs are allocated to Fixed Demand and Fixed Standby, which is recovered through the Readiness-to-Serve Charge.

## **FY 2021/22 Operational Function Revenue Requirement (by allocation category)**

A summary of cost allocation results for FY 2021/22 is shown in Schedule 14 and 15. The allocation of the functionalized costs results in about 6 percent, or \$97 million of the total revenue requirements, being allocated to the Fixed Demand allocation category. This amount represents a reasonable estimate of the annual fixed capital financing costs incurred to meet peak demands (plus the allocated administrative and general costs). A portion of Metropolitan's property tax revenue is allocated to C&A Fixed Demand costs and is used to pay for the general obligation bond debt service allocated to the C&A costs, and other SWP costs. This revenue offsets the amount that needs to be recovered through rates.

About 68 percent of the revenue requirement (\$1,161 million) is allocated as Fixed Commodity. These fixed capital and operating costs are incurred by Metropolitan to meet annual average service needs and are typically recovered by a combination of fixed charges and volumetric rates. Fixed capital costs allocated to the Fixed Standby category total about \$157 million and account for about 9 percent of the revenue requirements. Standby costs are commonly recovered by a fixed charge allocated on a reasonable representation of a customer's need for standby. The Variable Commodity costs for power on the conveyance and aqueduct systems, and power, chemicals and solids handling at the treatment plants

change with the amount of water delivered to the member agencies. These costs are allocated as Variable Commodity costs, total about \$292 million, and account for about 17 percent of the total revenue requirement. Because of the variable nature of these costs, it is appropriate to recover them through volumetric rates.

In FY 2021/22, consistent with the treatment of SWP Conveyance & Aqueduct capital costs, 49 percent of Metropolitan's planned contribution of Delta Conveyance Project planning costs are allocated to Fixed Commodity, which is recovered through the System Access Rate, and 51 percent of costs are allocated to Fixed Demand and Fixed Standby, which is recovered through the Readiness-to-Serve Charge.

**Schedule 12: Revenue Requirements by sub-function and allocation category, FY 2020/21**

Fiscal Year Ending 2021	Supply			Conveyance & Aqueduct					Storage				Treatment	Distribution	Demand Mgt.	Hydro	Total
	CRA	SWC	Other	CRA power	CRA other	SWC power	SWC other	Other C&A	Emergency	Drought	Regulatory	Power					
<b>Fixed Demand</b>																	
<b>engineering factors</b>	-	-	-	0.0%	17.8%	0.0%	17.8%	17.8%	0.0%	0.0%	37.2%	0.0%	31.2%	37.2%	-	-	-
SWC Capital	-	-	-	-	-	-	20,773,287	-	-	-	-	-	-	-	-	-	20,773,287
Capital Financing	-	-	-	-	2,437,538	-	1,053,464	10,801,720	-	-	8,080,157	-	32,383,235	28,223,560	-	-	82,979,674
Regional Recycling Water Project	-	-	-	-	-	-	-	-	-	-	-	-	-	3,489,300	-	-	3,489,300
A&G less Offsets	-	-	-	-	14,873	-	(17,644,513)	(122,276)	-	-	439,360	-	980,682	(4,078,327)	-	-	(20,410,201)
<b>Total fixed demand</b>	-	-	-	-	2,452,411	-	4,182,238	10,679,444	-	-	8,519,516	-	33,363,917	27,634,533	-	-	86,832,059
<b>Fixed Commodity</b>																	
<b>engineering factors</b>	100%	100%	100%	100%	49.3%	0%	49.3%	49.3%	0%	100%	40.1%	0%	32.1%	40.1%	-	-	-
Capital Financing	-	-	17,101,175	7,105,418	6,770,940	-	2,926,290	30,004,777	-	27,377,402	8,706,083	-	33,384,778	30,409,887	-	-	163,786,751
Regional Recycling Water Project	-	-	5,626,290	-	-	-	-	-	-	-	-	-	-	3,759,597	-	-	9,385,887
SWC Capital	-	57,457,040	-	-	-	-	57,703,574	-	-	-	-	-	-	-	-	-	115,160,614
SWC O&M	-	92,381,352	-	-	-	-	179,806,614	-	-	-	-	-	-	-	-	-	272,187,966
Dept. O&M	8,508,782	15,135,764	13,380,157	5,644,393	48,653,238	-	19,431,564	7,216,169	7,145,707	5,068,905	3,649,102	-	99,447,833	104,074,446	11,123,552	-	348,479,613
Supply Programs	36,030,363	-	1,250,000	-	-	-	-	-	-	31,402,463	-	-	-	-	-	-	68,682,826
Demand Management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,531,757	-	48,531,757
Other Operating Costs	239,201	425,499	376,146	158,676	1,367,749	-	546,264	202,862	200,881	142,498	102,584	-	3,740,739	2,925,761	312,707	-	10,741,558
A&G less Offsets	7,362,735	(25,500,056)	6,204,422	2,272,175	9,632,049	-	(5,527,868)	6,587,406	1,056,919	10,521,844	1,897,635	-	25,711,999	26,670,470	9,860,316	-	76,750,045
<b>Total fixed commodity</b>	52,141,082	139,899,600	43,938,190	15,180,662	66,423,975	-	254,886,438	44,011,215	8,403,507	74,513,112	14,355,404	-	162,285,350	167,840,162	69,828,333	-	1,113,707,028
<b>Fixed Standby</b>																	
<b>engineering factors</b>	-	-	-	0%	33%	0%	32.9%	32.9%	100%	0%	22.7%	0%	36.7%	22.7%	-	-	-
SWC Capital	-	-	-	-	-	-	38,525,936	-	-	-	-	-	-	-	-	-	38,525,936
Capital Financing	-	-	-	-	4,520,635	-	1,953,745	20,032,764	48,333,079	-	4,920,419	-	38,080,171	17,186,764	-	-	135,027,577
Regional Recycling Water Project	-	-	-	-	-	-	-	-	-	-	-	-	-	2,124,813	-	-	2,124,813
A&G less Offsets	-	-	-	-	30,742	-	(32,717,955)	1,103,954	2,296,209	-	271,152	-	(764,411)	(2,471,814)	-	-	(32,252,124)
<b>Total fixed standby</b>	-	-	-	-	4,551,377	-	7,761,726	21,136,718	50,629,288	-	5,191,571	-	37,315,760	16,839,763	-	-	143,426,202
<b>Variable Commodity</b>																	
<b>SWC Power</b>	-	-	-	-	-	194,120,315	-	-	-	-	-	-	-	-	-	-	194,120,315
CRA Power	-	-	-	52,236,836	-	-	-	-	-	-	-	-	-	-	-	-	52,236,836
Variable Treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33,616,822
A&G less Offsets	-	-	-	(6,876,767)	-	6,237,849	-	-	-	-	(489,818)	-	33,616,822	(851,548)	-	-	(1,980,284)
<b>Total variable commodity</b>	-	-	-	45,360,069	-	200,358,165	-	-	-	-	(489,818)	-	32,765,275	-	-	-	277,993,690
<b>Hydroelectric</b>																	
A&G less Offsets	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9,881,933	9,881,933
Total hydroelectric	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(9,980,431)	(9,980,431)
Total hydroelectric	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(98,498)	(98,498)
<b>Total Costs</b>	<b>52,141,082</b>	<b>139,899,600</b>	<b>43,938,190</b>	<b>60,540,731</b>	<b>73,427,763</b>	<b>200,358,165</b>	<b>266,830,402</b>	<b>75,827,377</b>	<b>59,032,795</b>	<b>74,513,112</b>	<b>28,066,492</b>	<b>(489,818)</b>	<b>265,730,301</b>	<b>212,314,457</b>	<b>69,828,333</b>	<b>(98,498)</b>	<b>1,621,860,482</b>

Totals may not foot due to rounding



**Schedule 13: Operational function Revenue Requirements (by allocation category), FY 2020/21**

Fiscal year ending 2021 Functional categories (by sub-Fuction)	Fixed Demand	Fixed Commodity	Fixed Standby	Variable Commodity	Hydroelectric	Total allocated
<b>Source of Supply</b>						
CRA	\$ -	\$ 52,141,082	\$ -	\$ -	\$ -	\$ 52,141,082
SWP	-	139,899,600	-	-	-	139,899,600
Other Supply	-	43,938,190	-	-	-	43,938,190
<b>Subtotal: Source of Supply</b>	-	235,978,871	-	-	-	<b>235,978,871</b>
<b>Conveyance &amp; Aqueduct</b>						
CRA						
<i>CRA Power</i>	-	15,180,662	-	45,360,069	-	60,540,731
<i>CRA All Other</i>	2,452,411	66,423,975	4,551,377	-	-	73,427,763
SWP						
<i>SWP Power</i>	-	-	-	200,358,165	-	200,358,165
<i>SWP All Other</i>	4,182,238	254,886,438	7,761,726	-	-	266,830,402
Other Conveyance & Aqueduct	10,679,444	44,011,215	21,136,718	-	-	75,827,377
<b>Subtotal: Conveyance &amp; Aqueduct</b>	17,314,094	380,502,289	33,449,821	245,718,234	-	<b>676,984,438</b>
<b>Storage</b>						
Storage Costs Other Than Power						
<i>Emergency</i>	-	8,403,507	50,629,288	-	-	59,032,795
<i>Drought</i>	-	74,513,112	-	-	-	74,513,112
<i>Regulatory</i>	8,519,516	14,355,404	5,191,571	-	-	28,066,492
Storage Power	-	-	-	(489,818)	-	(489,818)
<b>Subtotal: Storage</b>	8,519,516	97,272,023	55,820,859	(489,818)	-	<b>161,122,580</b>
<b>Treatment</b>	33,363,917	162,285,350	37,315,760	32,765,275	-	<b>265,730,301</b>
<b>Distribution</b>	27,634,533	167,840,162	16,839,763	-	-	<b>212,314,457</b>
<b>Demand Management</b>	-	69,828,333	-	-	-	<b>69,828,333</b>
<b>Hydroelectric</b>	-	-	-	-	(98,498)	<b>(98,498)</b>
<b>Total Costs Allocated</b>	<b>\$ 86,832,059</b>	<b>\$ 1,113,707,028</b>	<b>\$ 143,426,202</b>	<b>\$ 277,993,690</b>	<b>\$ (98,498)</b>	<b>\$ 1,621,860,482</b>

Totals may not foot due to rounding

**Schedule 14: Revenue Requirements by sub-function and allocation category, FY 2021/22**

Fiscal Year Ending 2022	Supply			Conveyance & Aqueduct					Storage				Treatment	Distribution	Demand Mgt.	Hydro	Total
	CRA	SWC	Other	CRA power	CRA other	SWC power	SWC other	Other C&A	Emergency	Drought	Regulatory	Power					
<b>Fixed Demand</b>																	
<b>engineering factors</b>	-	-	-	0.0%	17.8%	0.0%	17.8%	17.8%	0.0%	0.0%	37.2%	0.0%	31.2%	37.2%	-	-	-
SWC Capital	-	-	-	-	-	-	21,322,682	-	-	-	-	-	-	-	-	-	21,322,682
Capital Financing	-	-	-	-	2,672,268	-	1,115,855	11,278,084	-	-	8,717,648	-	34,429,245	32,658,430	-	-	90,871,530
Regional Recycling Water Project	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,489,300
A&G less Offsets	-	-	-	-	66,542	-	(17,127,762)	73,082	-	-	614,326	-	1,623,599	(3,650,872)	-	-	(18,401,085)
<b>Total fixed demand</b>	-	-	-	-	2,738,810	-	5,310,775	11,351,166	-	-	9,331,974	-	36,052,844	32,496,858	-	-	97,282,428
<b>Fixed Commodity</b>																	
<b>engineering factors</b>	100%	100%	100%	100%	49.3%	0%	49.3%	49.3%	0%	100%	40.1%	0%	32.1%	40.1%	-	-	-
Capital Financing	-	-	18,174,215	8,978,669	7,422,968	-	3,099,597	31,328,010	-	28,579,112	9,392,958	-	35,494,067	35,188,303	-	-	177,657,898
Regional Recycling Water Project	-	-	5,626,290	-	-	-	-	-	-	-	-	-	-	3,759,597	-	-	9,385,887
SWC Capital	-	59,734,418	-	-	-	-	59,229,673	-	-	-	-	-	-	-	-	-	118,964,092
SWC O&M	-	92,381,352	-	-	-	-	182,860,883	-	-	-	-	-	-	-	-	-	275,242,235
Dept. O&M	8,917,284	15,782,391	14,033,243	5,928,483	51,131,191	-	19,091,761	7,311,015	7,281,301	5,149,824	3,818,630	-	104,485,845	109,307,443	11,475,232	-	363,713,642
Supply Programs	33,161,566	-	1,250,000	-	-	-	-	-	-	26,778,487	-	-	-	-	-	-	61,190,053
Demand Management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52,491,694	52,491,694
Other Operating Costs	229,182	405,622	360,667	152,367	1,314,118	-	490,676	187,900	187,136	132,355	98,142	-	3,580,255	2,809,301	294,924	-	10,242,645
A&G less Offsets	7,393,552	(25,684,149)	6,893,120	2,801,274	10,761,543	-	(873,631)	7,222,331	1,167,284	10,597,121	2,168,035	-	28,662,206	29,462,758	11,230,098	-	91,801,542
<b>Total fixed commodity</b>	49,701,584	142,619,634	46,337,534	17,860,793	70,629,820	-	263,898,959	46,049,256	8,635,721	71,236,899	15,477,765	-	172,222,373	180,527,403	75,491,948	-	1,160,689,689
<b>Fixed Standby</b>																	
<b>engineering factors</b>	-	-	-	0%	33%	0%	32.9%	32.9%	100%	0%	22.7%	0%	36.7%	22.7%	-	-	-
SWC Capital	-	-	-	-	-	-	39,544,839	-	-	-	-	-	-	-	-	-	39,544,839
Capital Financing	-	-	-	-	4,955,963	-	2,069,454	20,916,224	50,603,233	-	5,308,621	-	40,486,120	19,887,383	-	-	144,226,997
Regional Recycling Water Project	-	-	-	-	-	-	-	-	-	-	-	-	-	2,124,813	-	-	2,124,813
A&G less Offsets	-	-	-	-	128,818	-	(31,754,489)	1,497,801	3,233,491	-	380,148	-	(251,141)	(2,202,122)	-	-	(28,967,494)
<b>Total fixed standby</b>	-	-	-	-	5,084,781	-	9,859,804	22,414,025	53,836,725	-	5,688,768	-	40,234,979	19,810,074	-	-	156,929,156
<b>Variable Commodity</b>																	
SWC Power	-	-	-	-	-	199,311,329	-	-	-	-	-	-	-	-	-	-	199,311,329
CRA Power	-	-	-	57,585,160	-	-	-	-	-	-	-	-	-	-	-	-	57,585,160
Variable Treatment	-	-	-	-	-	-	-	-	-	-	-	-	34,818,738	-	-	-	34,818,738
A&G less Offsets	-	-	-	(7,678,356)	-	9,218,763	-	-	-	-	-	(549,384)	(600,759)	-	-	-	390,264
<b>Total variable commodity</b>	-	-	-	49,906,803	-	208,530,092	-	-	-	-	-	(549,384)	34,217,980	-	-	-	292,105,491
<b>Hydroelectric</b>																	
A&G less Offsets	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10,134,132	10,134,132
<b>Total hydroelectric</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	732,393	732,393
<b>Total Costs</b>	<b>49,701,584</b>	<b>142,619,634</b>	<b>46,337,534</b>	<b>67,767,597</b>	<b>78,453,411</b>	<b>208,530,092</b>	<b>279,069,537</b>	<b>79,814,447</b>	<b>62,472,446</b>	<b>71,236,899</b>	<b>30,498,508</b>	<b>(549,384)</b>	<b>282,728,176</b>	<b>232,834,335</b>	<b>75,491,948</b>	<b>732,393</b>	<b>1,707,739,156</b>

Totals may not foot due to rounding

**Schedule 15: Operational function Revenue Requirements (by allocation category), FY 2021/22**

<b>Fiscal year ending 2022 Functional categories (by sub-Fuction)</b>	<b>Fixed Demand</b>	<b>Fixed Commodity</b>	<b>Fixed Standby</b>	<b>Variable Commodity</b>	<b>Hydroelectric</b>	<b>Total allocated</b>
<b>Source of Supply</b>						
CRA	\$ -	\$ 49,701,584	\$ -	\$ -	\$ -	\$ 49,701,584
SWP	-	142,619,634	-	-	-	142,619,634
Other Supply	-	46,337,534	-	-	-	46,337,534
<b>Subtotal: Source of Supply</b>	-	238,658,752	-	-	-	<b>238,658,752</b>
<b>Conveyance &amp; Aqueduct</b>						
CRA						
CRA Power	-	17,860,793	-	49,906,803	-	67,767,597
CRA All Other	2,738,810	70,629,820	5,084,781	-	-	78,453,411
SWP						
SWP Power	-	-	-	208,530,092	-	208,530,092
SWP All Other	5,310,775	263,898,959	9,859,804	-	-	279,069,537
Other Conveyance & Aqueduct	11,351,166	46,049,256	22,414,025	-	-	79,814,447
<b>Subtotal: Conveyance &amp; Aqueduct</b>	19,400,751	398,438,828	37,358,610	258,436,895	-	<b>713,635,084</b>
<b>Storage</b>						
Storage Costs Other Than Power						
Emergency	-	8,635,721	53,836,725	-	-	62,472,446
Drought	-	71,236,899	-	-	-	71,236,899
Regulatory	9,331,974	15,477,765	5,688,768	-	-	30,498,508
Storage Power	-	-	-	(549,384)	-	(549,384)
<b>Subtotal: Storage</b>	9,331,974	95,350,385	59,525,493	(549,384)	-	<b>163,658,469</b>
<b>Treatment</b>	36,052,844	172,222,373	40,234,979	34,217,980	-	<b>282,728,176</b>
<b>Distribution</b>	32,496,858	180,527,403	19,810,074	-	-	<b>232,834,335</b>
<b>Demand Management</b>	-	75,491,948	-	-	-	<b>75,491,948</b>
<b>Hydroelectric</b>	-	-	-	-	732,393	<b>732,393</b>
<b>Total Costs Allocated</b>	<b>\$ 97,282,428</b>	<b>\$ 1,160,689,689</b>	<b>\$ 156,929,156</b>	<b>\$ 292,105,491</b>	<b>\$ 732,393</b>	<b>\$ 1,707,739,156</b>

Totals may not foot due to rounding

## Distribution of Costs: Rates and Charges

### Use of System-Wide (Postage Stamp) Rates

Metropolitan's rate structure consists of unbundled rate elements designed to provide transparency regarding the cost of specific functions to member agencies (system access, untreated water supplies, water treatment, etc.). The rates for each of these unbundled rate elements are uniform across Metropolitan's entire regional service area; they do not vary by member agency and they do not vary by geographic zone or distance.

In the utility industry, system-wide rates that are the same for all customers are referred to as "postage stamp" rates. Under a postage stamp rate design approach, every customer pays the same average rate for a service regardless of whether the cost caused by, or the benefit derived by, a customer for a given transaction varies from the average. The postage stamp rate design approach stands in contrast to alternative rate design approaches such as distance sensitive pricing schemes that attempt to develop rates applicable to specific geographic zones.

Metropolitan's postage stamp rate design is appropriate given Metropolitan's integrated regional system that benefits all member agencies. Metropolitan's system is not a point-to-point service, but an interconnected regional system. In order to balance the local concerns within the region, Metropolitan has long maintained postage stamp rates. In fact, Metropolitan has used uniform postage stamp rates since it started delivering water in 1942. Under the postage stamp approach, an agency develops an average rate for a service, as opposed to a point-to-point rate based on each customer's specific use, and all customers receiving that service pay the average rate. This allows the agency to establish non-discriminatory rates that match the cost of providing the service to a customer class. A postage stamp approach is especially appropriate for an interconnected regional system because it allows the agency to develop reliable alternatives to point-to-point service. Metropolitan's uniform, postage stamp rate structure has allowed it to develop an interconnected regional conveyance and distribution system with the ability to deliver supplies from the SWP, the Colorado River, and its storage portfolio throughout its vast and diverse service area. Metropolitan's conveyance and distribution system can deliver water from both the SWP and Colorado River to almost every member agency. This flexibility benefits all member agencies. Uniform, postage stamp rates provide a region-wide funding mechanism to recover the costs of Metropolitan's integrated system, help ensure economies of scale, and result in lower costs for all of Metropolitan's member agencies. Given Metropolitan's integrated system, it is not logical to do otherwise.

Metropolitan's system draws on diverse supply sources, transports water across a large part of the State, distributes water in six counties, and serves an area home to 19 million residents. The 2007 Integrated Area Study (IAS), emphasized regional system flexibility as a key component of overall reliability.<sup>15</sup> Metropolitan must maintain operational flexibility—the ability to respond to short-term changes in regional water supply, water quality, treatment requirements, and member agency demands. And it must maintain delivery flexibility—the ability to maintain partial to full water supply deliveries during planned and unplanned facility outages. Metropolitan is also required by state statute to have the objective, to the extent determined to be reasonable and practical, to deliver a blend of water constituting at least 50 percent of SWP water. (MWD Act, Sec. 136.) Each of Metropolitan's integrated conveyance, distribution and storage assets contributes to regional system reliability. It is fair and reasonable, therefore, to expect member agencies to share the cost of

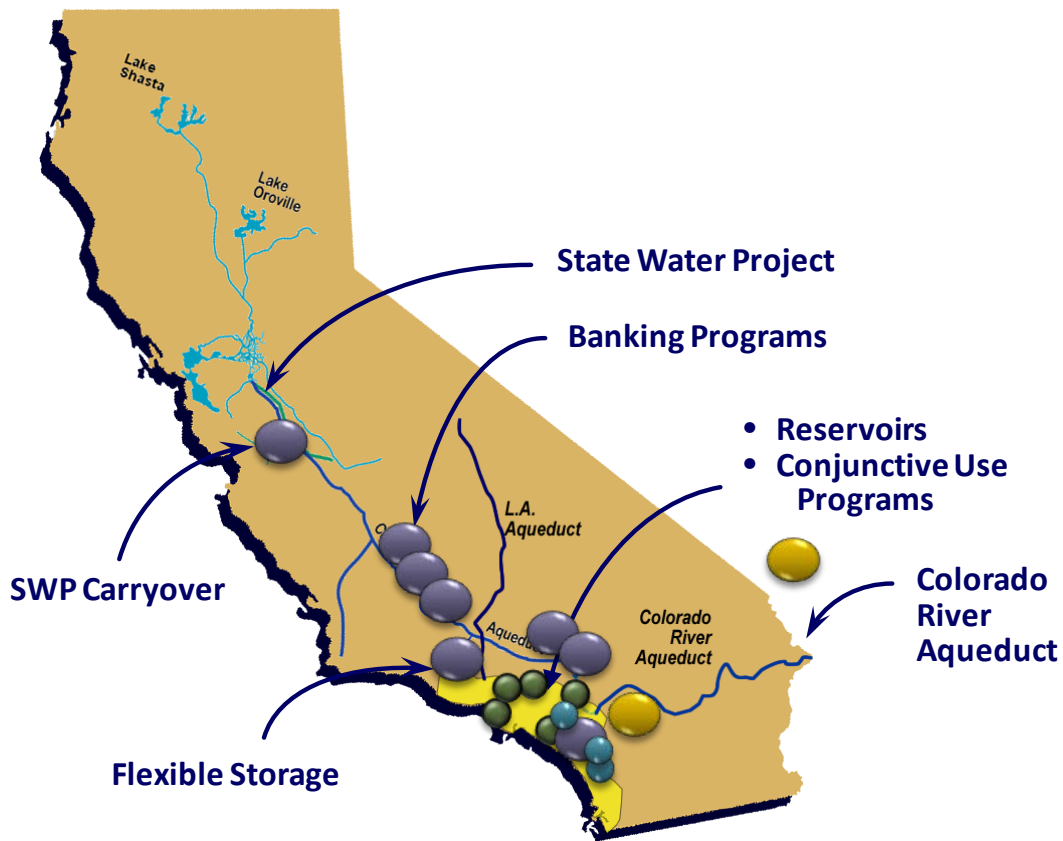
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<sup>15</sup> 2007 Integrated Area Study, Report No. 1317, pg. 2-10.

developing and maintaining these assets because all member agencies benefit from regional system reliability. And all member agencies are voluntary members of the cooperative formed to benefit from pooling of resources to enhance regional benefits to their service areas.

Operational flexibility has been achieved by creating an interconnected regional delivery network integrating the SWP and the CRA conveyance systems with the Distribution System. This integrated network allows Metropolitan to incorporate supply from the SWP and the Colorado River with a diverse portfolio of geographically dispersed storage programs, including the Central Valley groundwater storage programs, carryover storage in San Luis Reservoir, flexible storage capacity in Castaic Lake and Lake Perris, Lake Mead storage, the DWCV Advanced Delivery account, in-basin surface storage in DVL and Lake Mathews, and in-basin groundwater Conjunctive Use Programs. This integrated, regional network allows Metropolitan to move supplies throughout the system in response to service demands, supply availability and operational needs, and is shown in Figure 18.

**Figure 18: Metropolitan Facilities, Supplies and Storage Portfolio**



System flexibility and integration is easily demonstrated. In a year with a high SWP allocation, SWP supplies can be moved from the West Branch down into the Central Pool as far as western Orange County; on the East Branch, moving SWP supplies results in high SWP blends for eastern areas all the way into south San Diego County, with relatively little Colorado River water delivered to the Skinner area. In a year with a low SWP allocation, Colorado River water will dominate; this impact is mitigated by blending Colorado River water with SWP supplies stored in DVL. Under normal operations these CRA supplies can be pushed as far west as the Santa Monica Feeder.

The system flexibility can be seen through the operations of the system during calendar year 2018. As water conditions shifted, so did Metropolitan’s operations to ensure continued water supply reliability. At the beginning of 2018, operations were transitioning from maximizing deliveries into storage accounts to capture supplies from the extraordinary surplus of 2017.

**Figure 19: Operating Flexibility and Regional System Reliability: High Deliveries of SWP Supplies (~75% SWP Supplies)**



As calendar year 2018 progressed, Metropolitan began minimizing deliveries of SWP supplies to prepare for potential drought actions as conditions turned dry early in the year.



**Figure 20: Operating Flexibility and Regional System Reliability: Minimized Deliveries of SWP Supplies (~0% SWP Supplies)**



As the water outlook stabilized, Metropolitan moderately increased the blend of SWP supplies, with about 25 to 35 percent of supplies coming from the SWP.

**Figure 21: Operating Flexibility and Regional System Reliability: Minimized Deliveries of SWP Supplies (~25-35% SWP Supplies)**



The integrated conveyance and distribution network that Metropolitan has developed to serve the member agencies enables water supplies from multiple sources to be delivered throughout its service area to provide regional reliability. In 2014, the SWP allocation was a historically low 5 percent. Metropolitan re-operated its system to move CRA water all the way west to deliver to the areas south, west and east of the Jensen treatment plant, which are normally served with SWP water.

Metropolitan's operational flexibility developed over time to where Metropolitan now has substantial operational flexibility to accommodate short-term changes in water supply, treatment, and demands. This is the result of having multiple water supplies and the ability to blend the supplies, robust treatment processes, and large storage capacities in multiple treated and untreated water reservoirs.

Delivery flexibility helps mitigate the impacts of regional facility outages. Metropolitan's delivery flexibility also developed over time. The 2007 IAS reported that 260 of 344 service connections, or 76 percent, had full back-up capability for single failures within Metropolitan's Distribution System. In the event of a treatment plant outage, 299 of 344 service connections, or 87 percent, had full back-up capability<sup>16</sup>.

The same flexibility principles inform development and operation of Metropolitan's storage functionality. Metropolitan's ability to shift among resources in its storage portfolio in order to enhance the regional reliability of Metropolitan's imported water service in the face of so many changing conditions is the result of its integrated, flexible operating system, consisting of its right to use the SWP conveyance pursuant to its participation therein, the CRA, and the Distribution System. Metropolitan is able to accomplish system reliability and operational flexibility while accommodating outages, managing to water quality goals, minimizing the risk of invasive species infestation and maintaining emergency storage reserves.

Metropolitan's integrated, flexible system directly benefits all agencies as to all services, including wheeling and exchange services. Wheeling and exchange transactions benefit from a robust and flexible system, including Metropolitan's right to use SWP facilities. Metropolitan's integrated, flexible system makes deliveries of wheeled and exchanged water possible as Metropolitan delivers this water from whatever source or sources and by whatever delivery path is determined by Metropolitan. Given the operating flexibility of Metropolitan's system, Metropolitan allocates costs in a way that allows it to develop and maintain such a flexible system. And every member agency is served by this system flexibility.

The vast majority of utilities operate under an implicit regulatory compact, which provides the exclusive service area in exchange for the obligation to serve. Metropolitan's system is a wholesale system and provides only "supplemental" wholesale supplies, meaning that Metropolitan is not the exclusive water source for its member agencies. Metropolitan is a wholesaler that has no exclusive right to serve in its service area. To the degree a member agency has local resources, develops local resources, implements conservation, or otherwise reduces demands, that member agency does not require Metropolitan's services. Moreover, member agencies are free to acquire supplies from other sources. Indeed, Metropolitan's Board has adopted the concept of "direct access", or customer choice for supplier, to accommodate a water transfer market.<sup>17</sup> Unbundled, postage stamp rates ensure that agencies that use Metropolitan's system to move non-Metropolitan water pay a fair and reasonable

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<sup>16</sup> 2007 Integrated Area Study, Report No. 1317, pp. 2-10 and 2-11.

<sup>17</sup>The Metropolitan Board adopted Strategic Plan Policy Principles on December 14, 1999, consisting of seven principles, presented on page 5.

share of the relevant system costs, including the cost of facilities, power and conservation programs that help ensure capacity.

Metropolitan maintains an unbundled rate structure based on types of functions creating the costs, which provides transparency. Member agencies pay rates based on the services they use (full-service treated, full-service untreated, or wheeling), and agencies that use the same service pay the same rate. Agencies that purchase full-service water pay for supply, whereas agencies that do not purchase full-service water pay no supply costs. Agencies that take treated full-service water cover treatment costs, whereas agencies that take untreated full-service water pay no treatment costs. An agency that wheels a third party's water through Metropolitan's system pays wheeling costs, but no supply costs. In fact, Metropolitan provides incentives for conservation and local resource development so member agencies do not have to take full-service or wheeling services from Metropolitan. Agencies that use a combination of services pay costs based *only* on the specific services they use.

This is an important distinction in the context of not having an exclusive service area. A water agency with an exclusive service area has more certainty in its revenues because it has no competition for its services. Metropolitan does have competition for its services. Therefore, Metropolitan has developed its unbundled rate structure in a fair and reasonable manner to ensure that system users pay for the services they use and the benefits they enjoy. Fair and reasonable rates that reflect applicable costs avoid negatively impacting the rates and charges paid by member agencies who do not acquire their own supplies to move through Metropolitan's interconnected delivery network. This is particularly true with regard to member agencies exercising choice of supplier. Compared to other water systems, Metropolitan's system is used to move significant amounts of non-Metropolitan supplies.

### One Customer Class

Metropolitan, a wholesaler, provides two types of services: full-service water service (treated or untreated) and wheeling service. Metropolitan has one class of customers: its member agencies. The level of rate unbundling in Metropolitan's rate structure provides transparency to show that charges recover only for functions involved in the applicable service, and that no cross-subsidy of costs exists. Metropolitan's COS process and resulting unbundled rate structure ensures that its wholesale customers pay for only those services they elect to receive.

Metropolitan's volumetric rates recover operating costs as well as the portion of the conveyance and distribution system capital costs that are associated with meeting average water demands using system-wide rates that are the same for all customers, or "postage stamp" rates, as explained previously. Under a postage stamp rate design approach, every customer pays the same average rate for a service regardless of whether the cost caused by, or the benefit derived by, a customer for a given transaction varies from the average.

The Readiness-to-Serve (RTS) Charge recovers system capital costs for emergency storage capacity and ensures there is adequate capacity in the conveyance and distribution systems to reliably deliver supplies during emergencies, major facility outages, hydrologic variability, and variances in local resources. The Capacity Charge recovers distribution system capital costs necessary to meet peak member agency needs on Metropolitan's distribution system during the summer.

Member agencies have unique usage characteristics that are captured in the Metropolitan rates and charges relating to treatment, peak use on the Metropolitan system, the need for emergency and available capacity, or average use. For this reason, it is not necessary to group member agencies into

traditional customer classes as would be done in a typical retail rate setting process. The end result of the Metropolitan process is the determination of the cost of each service available to a member agency and to the extent a member agency uses that service, an amount, a rate or charge, is paid by the member agency that is reflective of the cost of that service.

### **Distributed Costs to Services**

Schedules 16 and 17 provide a cross-reference between the allocated function costs and their distribution to the rate design elements for FY 2020/21 and FY 2021/22, respectively. The specifics of each rate design element are discussed in detail in the following section.

**Schedule 16: Allocated Operational function Revenue Requirements (Distributed to rate design element): FY 2020/21**

Fiscal year ending 2021	Rate Design Elements							Total Costs
	Supply Rates	System Access Rate	Water Stewardship Rate	System Power Rate	Capacity Charge	Readiness-to-Serve Charge	Treatment Surcharge	
<b>Supply</b>								
Fixed Demand	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fixed Commodity	235,978,871	-	-	-	-	-	-	235,978,871
Fixed Standby	-	-	-	-	-	-	-	-
Variable Commodity	-	-	-	-	-	-	-	-
Hydroelectric	-	-	-	-	-	-	-	-
<b>Subtotal: Supply</b>	<b>235,978,871</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>235,978,871</b>
<b>Conveyance and Aqueduct</b>								
Fixed Demand	-	-	-	-	-	17,314,094	-	17,314,094
Fixed Commodity	-	380,502,289	-	-	-	-	-	380,502,289
Fixed Standby	-	-	-	-	-	33,449,821	-	33,449,821
Variable Commodity	-	-	-	245,718,234	-	-	-	245,718,234
Hydroelectric	-	-	-	-	-	-	-	-
<b>Subtotal: Conveyance and Aqueduct</b>	<b>-</b>	<b>380,502,289</b>	<b>-</b>	<b>245,718,234</b>	<b>-</b>	<b>50,763,914</b>	<b>-</b>	<b>676,984,438</b>
<b>Storage</b>								
Fixed Demand	-	-	-	-	8,519,516	-	-	8,519,516
Fixed Commodity	74,513,112	22,758,912	-	-	-	-	-	97,272,023
Fixed Standby	-	-	-	-	-	55,820,859	-	55,820,859
Variable Commodity	(489,818)	-	-	-	-	-	-	(489,818)
Hydroelectric	-	-	-	-	-	-	-	-
<b>Subtotal: Storage</b>	<b>74,023,294</b>	<b>22,758,912</b>	<b>-</b>	<b>-</b>	<b>8,519,516</b>	<b>55,820,859</b>	<b>-</b>	<b>161,122,580</b>
<b>Treatment</b>								
Fixed Demand	-	-	-	-	-	-	33,363,917	33,363,917
Fixed Commodity	-	-	-	-	-	-	162,285,350	162,285,350
Fixed Standby	-	-	-	-	-	-	37,315,760	37,315,760
Variable Commodity	-	-	-	-	-	-	32,765,275	32,765,275
Hydroelectric	-	-	-	-	-	-	-	-
<b>Subtotal: Treatment</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>265,730,301</b>	<b>265,730,301</b>
<b>Distribution</b>								
Fixed Demand	-	-	-	-	27,634,533	-	-	27,634,533
Fixed Commodity	-	167,840,162	-	-	-	-	-	167,840,162
Fixed Standby	-	-	-	-	-	16,839,763	-	16,839,763
Variable Commodity	-	-	-	-	-	-	-	-
Hydroelectric	-	(98,498)	-	-	-	-	-	(98,498)
<b>Subtotal: Distribution</b>	<b>-</b>	<b>167,741,664</b>	<b>-</b>	<b>-</b>	<b>27,634,533</b>	<b>16,839,763</b>	<b>-</b>	<b>212,215,959</b>
<b>Demand Management</b>								
Fixed Demand	-	-	-	-	-	-	-	-
Fixed Commodity	-	-	69,828,333	-	-	-	-	69,828,333
Fixed Standby	-	-	-	-	-	-	-	-
Variable Commodity	-	-	-	-	-	-	-	-
Hydroelectric	-	-	-	-	-	-	-	-
<b>Subtotal: Demand Management</b>	<b>-</b>	<b>-</b>	<b>69,828,333</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>69,828,333</b>
<b>Total</b>								
Fixed Demand	-	-	-	-	36,154,049	17,314,094	33,363,917	86,832,059
Fixed Commodity	310,491,983	571,101,363	69,828,333	-	-	-	162,285,350	1,113,707,028
Fixed Standby	-	-	-	-	-	106,110,442	37,315,760	143,426,202
Variable Commodity	(489,818)	-	-	245,718,234	-	-	32,765,275	277,993,690
Hydroelectric	-	(98,498)	-	-	-	-	-	(98,498)
<b>Total</b>	<b>\$ 310,002,165</b>	<b>\$ 571,002,865</b>	<b>\$ 69,828,333</b>	<b>\$ 245,718,234</b>	<b>\$ 36,154,049</b>	<b>\$ 123,424,536</b>	<b>\$ 265,730,301</b>	<b>\$ 1,621,860,482</b>

Totals may not foot due to rounding

Schedule 17: Allocated Operational function Revenue Requirements (Distributed to rate design element): FY 2021/22

Fiscal year ending 2022	Rate Design Elements							Total Costs
	Supply Rates	System Access Rate	Water Stewardship Rate	System Power Rate	Capacity Charge	Readiness-to-Serve Charge	Treatment Surcharge	
<b>Supply</b>								
Fixed Demand	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fixed Commodity	238,658,752	-	-	-	-	-	-	238,658,752
Fixed Standby	-	-	-	-	-	-	-	-
Variable Commodity	-	-	-	-	-	-	-	-
Hydroelectric	-	-	-	-	-	-	-	-
<b>Subtotal: Supply</b>	238,658,752	-	-	-	-	-	-	238,658,752
<b>Conveyance and Aqueduct</b>								
Fixed Demand	-	-	-	-	-	19,400,751	-	19,400,751
Fixed Commodity	-	398,438,828	-	-	-	-	-	398,438,828
Fixed Standby	-	-	-	-	-	37,358,610	-	37,358,610
Variable Commodity	-	-	-	258,436,895	-	-	-	258,436,895
Hydroelectric	-	-	-	-	-	-	-	-
<b>Subtotal: Conveyance and Aqueduct</b>	-	398,438,828	-	258,436,895	-	56,759,361	-	713,635,084
<b>Storage</b>								
Fixed Demand	-	-	-	-	9,331,974	-	-	9,331,974
Fixed Commodity	71,236,899	24,113,486	-	-	-	-	-	95,350,385
Fixed Standby	-	-	-	-	-	59,525,493	-	59,525,493
Variable Commodity	(549,384)	-	-	-	-	-	-	(549,384)
Hydroelectric	-	-	-	-	-	-	-	-
<b>Subtotal: Storage</b>	70,687,515	24,113,486	-	-	9,331,974	59,525,493	-	163,658,469
<b>Treatment</b>								
Fixed Demand	-	-	-	-	-	-	36,052,844	36,052,844
Fixed Commodity	-	-	-	-	-	-	172,222,373	172,222,373
Fixed Standby	-	-	-	-	-	-	40,234,979	40,234,979
Variable Commodity	-	-	-	-	-	-	34,217,980	34,217,980
Hydroelectric	-	-	-	-	-	-	-	-
<b>Subtotal: Treatment</b>	-	-	-	-	-	-	282,728,176	282,728,176
<b>Distribution</b>								
Fixed Demand	-	-	-	-	32,496,858	-	-	32,496,858
Fixed Commodity	-	180,527,403	-	-	-	-	-	180,527,403
Fixed Standby	-	-	-	-	-	19,810,074	-	19,810,074
Variable Commodity	-	-	-	-	-	-	-	-
Hydroelectric	-	732,393	-	-	-	-	-	732,393
<b>Subtotal: Distribution</b>	-	181,259,796	-	-	32,496,858	19,810,074	-	233,566,728
<b>Demand Management</b>								
Fixed Demand	-	-	-	-	-	-	-	-
Fixed Commodity	-	-	75,491,948	-	-	-	-	75,491,948
Fixed Standby	-	-	-	-	-	-	-	-
Variable Commodity	-	-	-	-	-	-	-	-
Hydroelectric	-	-	-	-	-	-	-	-
<b>Subtotal: Demand Management</b>	-	-	75,491,948	-	-	-	-	75,491,948
<b>Total</b>								
Fixed Demand	-	-	-	-	41,828,832	19,400,751	36,052,844	97,282,428
Fixed Commodity	309,895,651	603,079,717	75,491,948	-	-	-	172,222,373	1,160,689,689
Fixed Standby	-	-	-	-	-	116,694,177	40,234,979	156,929,156
Variable Commodity	(549,384)	-	-	258,436,895	-	-	34,217,980	292,105,491
Hydroelectric	-	732,393	-	-	-	-	-	732,393
<b>Total</b>	<b>\$ 309,346,267</b>	<b>\$ 603,812,110</b>	<b>\$ 75,491,948</b>	<b>\$ 258,436,895</b>	<b>\$ 41,828,832</b>	<b>\$ 136,094,928</b>	<b>\$ 282,728,176</b>	<b>\$ 1,707,739,156</b>

Totals may not foot due to rounding



## Proof of Revenue

### FY 2020/21

Schedule 18 shows the Proof of Revenue for FY 2020/21. Based on expected sales of 1.6 MAF, the expected revenues would be about equal to the total revenue requirement, if the rates and charges were in effect the entire test year period. The cost of service allocation assuming a full twelve months of revenue is used to allocate costs among the various rate elements but should not be interpreted as over- or under-collection during a given fiscal year. However, because the recommended rates do not take effect until January 1, 2021, the expected revenues for FY 2020/21 will be about \$24.9 million lower than the total revenue requirement in FY 2020/21. The total revenue requirement includes a \$6.4 million decrease in the required reserves for the Revenue Remainder Fund. Deposits to the Treatment Surcharge Stabilization Fund are \$10.4 million in FY 2020/21. Withdrawals from the Water Stewardship Fund are \$22.7 million in FY 2020/21. Accounting for these adjustments, the draw from reserves is about \$19 million in FY 2020/21.

### FY 2021/22

Schedule 19 shows the Proof of Revenue for FY 2021/22. Based on expected sales of 1.6 MAF the expected revenues would be about \$22.2 million lower than the total revenue requirement, if the rates and charges were in effect the entire test year period. The cost of service allocation assuming a full twelve months of revenue is used to allocate costs among the various rate elements but should not be interpreted as over- or under-collection during a given fiscal year. However, because the recommended rates do not take effect until January 1, 2022, the expected revenues for FY 2021/22 will be about \$56.3 million lower than the total revenue requirement in FY 2021/22. The total revenue requirement includes a \$12.9 million increase in the required reserves for the Revenue Remainder Fund. Deposits to the Treatment Surcharge Stabilization Fund are \$2.0 million in FY 2021/22. Withdrawals from the Water Stewardship Fund are \$75.5 million in FY 2021/22. Accounting for these adjustments, the deposit to reserves is about \$30.1 million in FY 2021/22. Schedule 20 summarizes the rates and charges that would be effective on January 1, 2021 and January 1, 2022 using the assumptions and methodology of this report. Member agency impacts will vary depending upon an agency's RTS allocation, capacity charge and relative proportions of treated and untreated Tier 1 and Tier 2 purchases.

## Schedule 18: FY 2020/21 Proof of Revenue (\$ millions)

### Proof of Revenue FY2021 if Rates Effective for Full Test Year

Rate Elements	Revenue Requirements	% Over (Under) Collected		Revenues if Rates Effective July 1st	Billing Determinant	Unit Rate
	\$M	\$M	%	\$M	MAF	\$/AF
Supply	310.0	11.6	4%	321.6	1.32	243
System Access Rate	571.0	25.8	5%	596.8	1.60	373
Water Stewardship Rate	69.8	(69.8)	-100%	-	1.60	-
System Power Rate	245.7	11.9	5%	257.6	1.60	161
Treatment Surcharge	265.7	12.2	5%	278.0	0.85	327
Readiness-to-serve Charge	123.4	6.6	5%	130.0		
Capacity Charge	36.2	1.7	5%	37.8		
<b>Total</b>	<b>1,621.9</b>	<b>(0.0)</b>	<b>0%</b>	<b>1,621.8</b>		

Totals may not foot due to rounding

### Proof of Revenue FY2021 if Rates Effective January 1st

Rate Elements	Revenue Requirements	% Over (Under) Collected		Revenues if Rates Effective Jan 1st
	\$M	\$M	%	\$M
Supply	310.0	(13.7)	-4%	296.3
System Access Rate	571.0	2.6	0%	573.6
Water Stewardship Rate	69.8	(22.7)	-33%	47.1
System Power Rate	245.7	(9.6)	-4%	236.1
Treatment Surcharge	265.7	10.4	4%	276.1
Readiness-to-serve Charge	123.4	9.6	8%	133.0
Capacity Charge	36.2	(1.4)	-4%	34.7
<b>Total</b>	<b>1,621.9</b>	<b>(24.9)</b>	<b>-2%</b>	<b>1,596.9</b>

Totals may not foot due to rounding

## Schedule 19: FY 2021/22 Proof of Revenue (\$ millions)

### Proof of Revenue FY2022 if Rates Effective for Full Test Year

Rate Elements	Revenue	% Over (Under)		Revenues if Rates	Billing	Unit Rate
	Requirements	Collected		Effective July 1st	Determinant	
	\$M	\$M	%	\$M	MAF	\$/AF
Supply	309.3	11.1	4%	320.4	1.32	243
System Access Rate	603.8	18.6	3%	622.4	1.60	389
Water Stewardship Rate	75.5	(75.5)	-100%	-	1.60	-
System Power Rate	258.4	8.8	3%	267.2	1.60	167
Treatment Surcharge	282.7	9.7	3%	292.4	0.85	344
Readiness-to-serve Charge	136.1	3.9	3%	140.0		
Capacity Charge	41.8	1.3	3%	43.2		
<b>Total</b>	<b>1,707.7</b>	<b>(22.2)</b>	<b>-1%</b>	<b>1,685.6</b>		

Totals may not foot due to rounding

### Proof of Revenue FY2022 if Rates Effective January 1st

Rate Elements	Revenue	% Over (Under)		Revenues if Rates
	Requirements	Collected		Effective Jan 1st
	\$M	\$M	%	\$M
Supply	309.3	11.1	4%	320.4
System Access Rate	603.8	4.9	1%	608.7
Water Stewardship Rate	75.5	(75.5)	-100%	-
System Power Rate	258.4	3.6	1%	262.1
Treatment Surcharge	282.7	2.0	1%	284.7
Readiness-to-serve Charge	136.1	(1.1)	-1%	135.0
Capacity Charge	41.8	(1.3)	-3%	40.5
<b>Total</b>	<b>1,707.7</b>	<b>(56.3)</b>	<b>-3%</b>	<b>1,651.4</b>

Totals may not foot due to rounding

## Schedule 20: Rates and Charges Summary

Effective January 1st	2020	2021	2022
Tier 1 Supply Rate (\$/AF)	\$208	\$243	\$243
Tier 2 Supply Rate (\$/AF)	\$295	\$285	\$285
System Access Rate (\$/AF)	\$346	\$373	\$389
Water Stewardship Rate (\$/AF)	\$65	-	-
System Power Rate (\$/AF)	\$136	\$161	\$167
Full Service Untreated Volumetric Cost (\$/AF)			
Tier 1	\$755	\$777	\$799
Tier 2	\$842	\$819	\$841
Treatment Surcharge (\$/AF)	\$323	\$327	\$344
Full Service Treated Volumetric Cost (\$/AF)			
Tier 1	\$1,078	\$1,104	\$1,143
Tier 2	\$1,165	\$1,146	\$1,185
Readiness-to-Serve Charge (\$M)	\$136	\$130	\$140
Capacity Charge (\$/cfs)	\$8,800	\$10,700	\$12,200

## System Access Rate (SAR)

The SAR is a volumetric<sup>18</sup> system-wide rate charged on each acre-foot of water that is conveyed through Metropolitan’s interconnected regional delivery network, including Metropolitan’s right to use SWP facilities for conveyance of SWP and non-SWP water. All system users (member agency or third party) pay the SAR to use Metropolitan’s interconnected regional delivery network. The SAR would increase to \$373 per acre-foot in 2021 primarily due to increasing O&M costs and lower projected water transactions, and increase again to \$389 per acre-foot in 2022, primarily due to increasing O&M costs. The SAR recovers the cost of providing conveyance and distribution capacity to meet average annual demands, and a portion of Regulatory/Emergency Storage.

The SAR recovers, among other costs, the capital, operating, maintenance, and overhead costs associated with the interconnected regional delivery network necessary to deliver water to meet member agencies’ average annual demands, which include the costs of conveyance facilities (facilities outside of Metropolitan’s service area) and distribution facilities (facilities within Metropolitan’s Distribution System), and portions of Regulatory/Emergency Storage facilities.

Metropolitan’s delivery network costs are treated the same whether they were incurred for the SWP or the CRA. The fact that, unlike the CRA, Metropolitan does not hold legal title to the SWP facilities and does not operate the SWP facilities is immaterial for purposes of cost functionalization for the COS and rate determination process.

Metropolitan, like the other State Water Contractors, is obligated to pay all operating expenses and capital costs incurred by the SWP to provide the contractual supply and transportation services. The expenses include all unexpected expenses resulting from operational issues and changes in regulations. DWR charges Metropolitan based on estimated expenses and has the right to charge Metropolitan for any expenses beyond

<sup>18</sup> A volumetric rate is a charge applied to the actual amount of water delivered.

the estimates. The State Water Contractors carry all of the financial risk and must pay any costs without any regard for Metropolitan's own cash flows. By allocating costs, DWR does not bear any of these risks; the risks fall to the State Water Contractors. Metropolitan was even responsible for paying for the SWP costs during the extended original construction period, years before Metropolitan received any SWP water. This is also not something typical of a supply contract and hence supportive of Metropolitan's cost functionalization process.

Metropolitan is also responsible for managing its SWP supply and transportation resources. Metropolitan determines what water to store and deliver in any year from its resource portfolio. On October 1 prior to the beginning of the Calendar Year, Metropolitan must provide its initial water order, plus any variations requested by DWR. The planning for this water order begins as early as the preceding July. A considerable amount of strategy goes in to determining which resource Metropolitan will dispatch when and deliver where to maximize resources. Examples of issues that Metropolitan must consider when managing SWP resources include:

- the level of the Table A allocation, and the amount of Table A supply available to Metropolitan, Desert Water Agency (DWA) and Coachella Valley Water District CVWD;
- shaping deliveries to the order to accommodate Article 21 (surplus water), turnback pool water (Table A allocation not needed by a Contractor) or Article 56 (b) water (water rescheduled due to system outages) if available;
- the amount of Carryover water in San Luis Reservoir, and the timing and location of need;
- the maximum input and withdrawal capacities of the Central Valley Storage programs, depending on whether Metropolitan is storing or withdrawing from these programs, and considering the level of water stored;
- the availability or need to refill Flexible Storage in Castaic and Perris Reservoirs;
- the availability of water transfer supplies; and,
- the supply conditions on the Colorado River.

Metropolitan, not DWR, is responsible for determining how, when or where to deliver any of the supply sources Metropolitan has that can be conveyed on the SWP. As a result of the execution of Monterey Amendments, the SWP can convey SWP water and non-SWP water and can be used by non-State Water Contractors; it is, therefore, appropriate to consider the SWP as part of Metropolitan's interconnected regional delivery network. The volume of water delivered under arrangements, other than the contracts for delivery of water with the DWR, is also not determinative of the cost treatment; the ability to move *any* volume is what is relevant to the functionalization of Metropolitan's costs.

Like the SWP costs, Metropolitan fully pays the operating and capital costs of the CRA maintenance, operations and supply portfolio and the risks fall on Metropolitan.

Metropolitan uses the CRA for the conveyance of its multiple CRA resources. It is responsible for determining what water to store and deliver in any year from its resource portfolio. Prior to the beginning of the calendar year, Metropolitan must provide its Plan for the Creation of Extraordinary Conservation ICS to the Bureau of Reclamation in June and its best estimate of monthly diversion requirements in September. The amount of Extraordinary Conservation ICS which Metropolitan plans to create is deducted from the total supply available for diversion. In October or November, Reclamation staff conducts a consultation with Metropolitan prior to Reclamation's Regional Director making an annual determination of Metropolitan's estimated water requirements for the ensuing calendar year to the end that deliveries of Colorado River water to Metropolitan will not exceed those reasonably required for beneficial use. Reclamation provides Metropolitan with a notice of the Regional Director's determination regarding Metropolitan's proposed diversion and beneficial use of Colorado River water for the calendar year. A considerable amount of strategy

is employed to determine which resources Metropolitan will dispatch and deliver to maximize use of the resources. Examples of issues that Metropolitan must consider when managing CRA resources include:

- the magnitude of the SWP Table A allocation, and the amount of Table A supply available to Metropolitan, DWA and CVWD;
- the amount of SWP surplus, turnback pool, and carryover water;
- the amount of ICS water that can be accessed;
- the amount of water in the DWA/CVWD advance delivery account; and,
- the Colorado River supply conditions and the projection of the likelihood of Lake Mead shortage, normal, and surplus conditions in future years.

Metropolitan is responsible for determining how, when and where to deliver any of the supply sources Metropolitan has that can be transported by the CRA. Metropolitan also uses the CRA to convey non-Metropolitan water to non-member agencies: the temporary emergency wheeling of Mexican Treaty Waters of the Colorado River for Tijuana. Given that the CRA can deliver water as a result of the execution of agreements apart from Metropolitan's 1930 contract for delivery of water, 1931 supplementary contract for delivery of water, 1946 contract merging the rights of the City of San Diego and Metropolitan, and 1987 contract for delivery of surplus flows from the Colorado River with the U.S. Department of the Interior, and that it is capable of delivering water to other water agencies, it is appropriate to consider the CRA as part of Metropolitan's interconnected regional delivery network. The volume of water delivered under arrangements, other than the contracts for delivery of water with the U.S. Department of the Interior, is also not determinative of the cost treatment; the ability to move *any* volume is what is relevant to the functionalization of Metropolitan's costs.

Metropolitan's Conveyance and Aqueduct and Distribution System form a single integrated system for all imported water, which is available to Metropolitan for the conveyance of SWP and CRA water, as well as water supply obtained from supply programs and other water transfers. Metropolitan's rights and ownership of the facilities create regional system flexibility to maintain operating flexibility and delivery flexibility and meet Metropolitan's mission as a public steward of water resources. Metropolitan's member agencies and all residents of Metropolitan's service area benefit from the integration of the SWP and CRA as Metropolitan's Conveyance and Aqueduct facilities, as it allows Metropolitan to meet varying regional demands, accommodate outages, manage water quality goals, maintain emergency storage reserves, and minimize the risk of invasive species infestation.

The treatment of Metropolitan's Conveyance and Aqueduct facilities as one integrated system for purposes of rate-setting is not uncommon or novel. The Federal Energy Regulatory Commission (FERC), for example, recognizes the practice of rolling the costs of transmission facilities into a single rate when the facilities are part of an integrated system. The practice is recognized regardless of legal ownership of (or allocations in) a particular facility.

## Benefits

The SAR benefits include: (1) support of a regional approach; (2) accommodates a water transfer market that does not unfairly advantage one user over another; (3) provides a clear linkage between costs and benefits; and (4) establishes a simple approach to recovering the costs of conveyance and distribution functions.

The SAR supports a regional approach through the uniform, postage stamp rate element. This region-wide funding mechanism helps ensure economies of scale and low costs for all of Metropolitan's member agencies.

The SAR is a cost-based rate. By providing a non-discriminatory rate element to all parties that wish to use available system capacity to move water anywhere in the Metropolitan service area, the uniform SAR creates the opportunity for a fair and efficient water transfer market to develop. In keeping with the spirit of a



regional provider approach, the SAR is uniform throughout the service area. Member agencies that receive full-service water from Metropolitan will pay the exact same cost for access to the system as a customer that obtains supply from another supply source.

Metropolitan charges member agencies receiving full-service water from Metropolitan the same costs for system access as it charges a party receiving wheeling service. Charging all users, the same price for access to essential facilities is a basic principle of regulatory economics. The SAR provides a clear linkage between costs and benefits. The cost of service process clearly identifies the costs that are recovered by the SAR. The operational function revenue requirements for conveyance and aqueduct, distribution, and storage are identified and then allocated into commodity (average use), demand (peak use), and standby (emergency and available capacity) related costs.

Only commodity-related costs are allocated to the SAR. The SAR is an easily understood approach. The SAR is a uniform, volumetric per acre-foot rate and is straightforward for both Metropolitan and the member agencies to implement and administer.

## System Power Rate (SPR)

The SPR is a volumetric, system-wide rate charged on each acre-foot of Metropolitan supplies moving through the Metropolitan system. SPR would increase to \$161 per acre-foot in 2021, primarily due to higher State Water Contract power costs. The SPR would then increase to \$167 per acre-foot in 2022, due to higher State Water Contract power costs and higher CRA supplemental power costs. The SPR is a volumetric rate element that recovers the costs of pumping water to Southern California. The SPR recovers the cost of power for both the SWP and CRA.

### Benefits

The primary benefit of the SPR is that it clearly identifies Metropolitan's average cost of power.

## Treatment Surcharge

The Treatment Surcharge is a system-wide volumetric rate charged on water treated by Metropolitan. The Treatment Surcharge recovers the cost of providing treated water service, including commodity, demand and standby-related costs as determined in the COS for all five treatment plants. The Treatment Surcharge would increase to \$327 per acre-foot in 2021, primarily due to lower treated water sales, and higher O&M costs for treatment. The Treatment Surcharge would then increase to \$344 per acre-foot in FY 2022, due to higher O&M costs.

### Benefits

There are several primary benefits provided by the Treatment Surcharge. First, only treated water users pay for the costs of treatment. Second, by averaging the costs of providing treated water service over the entire system the regional economies of scale are preserved.

## Capacity Charge

The Capacity Charge would increase to \$10,700 per cubic-foot-second of capacity during calendar year 2021, as more capital costs are allocated to meet peak day system use, reflecting recent member agency non-coincident peaks. The Capacity Charge would increase to \$12,200 per cubic-foot-second of capacity during calendar year 2022, reflecting the increases to capital financing costs. The Capacity Charge is charged on the

peak (maximum) summer day demand, measured in cfs, placed on the distribution system between May 1 and September 30 for a three-calendar year period, calculated for each member agency. The calculation is non-coincident, meaning the peak day will differ for each member agency. The sum of the member agency non-coincident peak day demands is a proxy for peak week demands, which are the design criteria for the Metropolitan Distribution system. The three-year period ending December 31, 2019 is used to charge the Capacity Charge effective January 1, 2021 through December 31, 2021. Demands measured for the purposes of billing the Capacity Charge include all firm demands including wheeling service and exchange.

The Capacity Charge is intended to pay for the cost of providing peak day capacity on Metropolitan's Distribution System, while providing an incentive for local agencies to decrease their use of the Metropolitan system to meet peak day demands and to shift demands into lower use time periods particularly October through April. Over time, a member agency will benefit from local supply investments and operational strategies that reduce its peak day demand on the system in the form of a lower total Capacity Charge. The estimated Capacity Charge to be paid by each member agency in calendar year 2021 is included in Schedule 21.

## **Benefits**

The Capacity Charge provides several benefits including: (1) increasing the overall efficiency of water use; (2) improving the fair allocation of costs among member agencies based upon the demand imposed by each agency; and (3) providing a source of fixed revenue.

The Capacity Charge will improve the overall efficiency of water use by encouraging local agencies to invest in cost effective local storage and resources to avoid using the Metropolitan system to meet peak (maximum) day demands. In addition, significant regional savings can be realized through the deferral of expensive capacity expansion.

**Schedule 21: Capacity Charge (by member agency)**

<b>Calendar Year 2021 Capacity Charge</b>					
	Peak Day Demand (cfs) (May 1 through September 30)				Rate (\$/cfs): \$10,700
	Calendar Year				
Member Agency	2017	2018	2019	3-Year Peak	Calendar Year 2021 Capacity Charge
Anaheim	33.0	37.2	37.1	37.2	\$398,040
Beverly Hills	25.7	27.8	23.5	27.8	\$297,460
Burbank	14.0	17.1	17.3	17.3	\$185,110
Calleguas	186.5	184.7	168.9	186.5	\$1,995,550
Central Basin	36.7	39.2	48.6	48.6	\$520,020
Compton	0.1	6.9	2.9	6.9	\$73,830
Eastern	216.6	225.1	223.3	225.1	\$2,408,570
Foothill	18.6	19.9	16.0	19.9	\$212,930
Fullerton	13.0	13.3	13.1	13.3	\$142,310
Glendale	41.4	33.5	32.2	41.4	\$442,980
Inland Empire	140.5	147.8	118.7	147.8	\$1,581,460
Las Virgenes	44.6	45.9	39.4	45.9	\$491,130
Long Beach	55.2	80.4	51.8	80.4	\$860,280
Los Angeles	250.4	284.6	283.2	284.6	\$3,045,220
MWDOC	418.6	442.3	263.2	442.3	\$4,732,610
Pasadena	39.9	43.0	40.0	43.0	\$460,100
San Diego CWA	749.7	855.5	672.0	855.5	\$9,153,850
San Fernando	0.0	0.0	0.0	0.0	\$0
San Marino	7.5	4.5	2.3	7.5	\$80,250
Santa Ana	19.9	19.3	19.4	19.9	\$212,930
Santa Monica	16.6	16.7	20.7	20.7	\$221,490
Three Valleys	126.4	142.9	128.1	142.9	\$1,529,030
Torrance	34.0	32.6	27.8	34.0	\$363,800
Upper San Gabriel	12.1	23.3	29.1	29.1	\$311,370
West Basin	201.7	202.4	211.8	211.8	\$2,266,260
Western MWD	175.2	194.7	170.5	194.7	\$2,083,290
<b>Total</b>	<b>2,877.9</b>	<b>3,140.6</b>	<b>2,660.9</b>	<b>3,184.1</b>	<b>\$34,069,870</b>
Totals may not foot due to rounding					

The Capacity Charge also improves the equitable distribution of costs among the member agencies. Agencies that have relatively high peak demand to average demand ratios will bear a greater share of the costs of providing peak (maximum) day distribution capacity. The Capacity Charge also increases the portion of Metropolitan’s fixed costs that are recovered by fixed charges.

## Readiness-to-Serve Charge

The RTS recovers the costs providing emergency storage capacity and available capacity to meet outages and hydrologic variability. The RTS will decrease to \$130 million in calendar year 2021. The RTS increases to \$140 million in calendar year 2022, reflecting increases in capital financing costs.

The RTS is allocated to the member agencies based on each agency's share of a ten-year rolling average of all firm demands, including water transfers and exchanges that use Metropolitan system capacity.<sup>19</sup> A ten-year rolling average leads to a relatively stable RTS allocation that reasonably represents an agency's potential long-term need for available capacity under different hydrologic conditions. Member agencies that so choose may have a portion of their total RTS obligation offset by Standby Charge collections collected by Metropolitan on behalf of the member agency. The estimated RTS for each member agency for calendar year 2021 is shown in Schedule 22.

### Benefits

The RTS provides two major benefits. These include: (1) a better matching of costs and benefits; and (2) a SAR that recovers only those costs associated with providing average annual service.

The proposed RTS matches costs and benefits in two ways. First, the RTS will recover the amount of emergency storage and available capacity costs needed to maintain reliable deliveries during outages and service interruptions and during periods of hydrologic variability, as identified in the COS, that is not paid for by ad valorem property tax revenues. Second, the proposed RTS allocates the emergency storage and available capacity costs among the member agencies in a manner that better represents each agency's potential need for standby availability. The RTS uses a ten-year rolling average of demands. A long-term rolling average like the ten-year measure is a simple and reasonable representation of an agency's potential need for available capacity under a range of 91 conditions.

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<sup>19</sup> The SDCWA exchange water transactions are excluded from the calculation of the ten-year rolling average per the terms of the parties' exchange agreement.

Schedule 22: Readiness-to-Serve Charge (by member agency)

Calendar Year 2021 RTS Charge			
Member Agency	Rolling Ten-Year Average Firm Deliveries (Acre-Feet) FY2009/10 - FY2018/19	RTS Share	12 months @ \$130 million per year (1/21-12/21)
Anaheim	17,327.0	1.17%	\$ 1,526,562
Beverly Hills	10,447.3	0.71%	920,439
Burbank	12,323.6	0.84%	1,085,747
Calleguas MWD	97,187.9	6.59%	8,562,554
Central Basin MWD	42,103.2	2.85%	3,709,422
Compton	779.3	0.05%	68,659
Eastern MWD	94,362.5	6.40%	8,313,628
Foothill MWD	8,395.4	0.57%	739,661
Fullerton	8,125.5	0.55%	715,882
Glendale	16,548.0	1.12%	1,457,930
Inland Empire Utilities Agency	56,560.7	3.83%	4,983,172
Las Virgenes MWD	20,448.6	1.39%	1,801,585
Long Beach	30,374.2	2.06%	2,676,061
Los Angeles	269,779.5	18.28%	23,768,407
Municipal Water District of Orange County	207,817.5	14.08%	18,309,363
Pasadena	18,839.6	1.28%	1,659,827
San Diego County Water Authority	258,318.0	17.51%	22,758,613
San Fernando	35.6	0.00%	3,136
San Marino	837.7	0.06%	73,804
Santa Ana	10,780.4	0.73%	949,787
Santa Monica	5,511.2	0.37%	485,554
Three Valleys MWD	62,229.1	4.22%	5,482,576
Torrance	15,990.2	1.08%	1,408,786
Upper San Gabriel Valley MWD	26,406.0	1.79%	2,326,450
West Basin MWD	115,327.9	7.82%	10,160,744
Western MWD	68,688.3	4.66%	6,051,651
<b>MWD Total</b>	<b>1,475,544.2</b>	<b>100.00%</b>	<b>\$ 130,000,000</b>

Totals may not foot due to rounding

## Purchase Order

Purchase Orders were developed to establish a financial commitment from the member agency to Metropolitan in exchange for the ability to purchase more water at the lower Tier 1 Supply Rate. In November 2014, the Metropolitan Board approved new Purchase Orders effective January 1, 2015 through December 31, 2024. Twenty-one of the twenty-six-member agencies have Purchase Orders, which commit the member agencies to purchase a minimum amount of supply from Metropolitan (the Purchase Order Commitment) over a ten-year period.

There is no annual minimum or maximum purchase commitment required by the Purchase Order. A member agency has the full ten-year term to fulfill the Purchase Order Commitment. In exchange for this commitment, the member agency can purchase an amount of firm water supply equal to 90 percent of its cumulative Base Period Demand over the full ten years at the lower Tier 1 Supply Rate. An agency that determined that a Purchase Order is not in its best interest may purchase up to 60 percent of its Revised Base Firm Demand annually at the lower Tier 1 Supply Rate. The terms and conditions of the Purchase Order are uniform for all member agencies.

The Base Period Demand was established for each member agency. Member agencies chose a base amount of (1) the member agency's Revised Base Firm Demand which is the highest fiscal year purchases during the 13-year period of fiscal year 1990 through fiscal year 2002, or (2) the highest year purchases in the most recent 12-year period of fiscal year 2003 through fiscal year 2014.

At the end of the Purchase Order Term, if the member agency has not purchased enough firm supply to meet its Purchase Order Commitment, it will be billed for the remaining balance of the Purchase Order Commitment at the average of the Tier 1 Supply Rate in effect during the Term. This payment may be prorated with interest evenly over the next 12 invoices.

If a member agency fulfills its Purchase Order Commitment prior to the end of the Purchase Order Term, (e.g. purchased ten times 60 percent of the Initial Base Period Demand) then the member agency has met its obligation under the Purchase Order. The member agency may continue to purchase up to 90 percent of its cumulative Base Period Demand over the Term at the Tier 1 Supply Rate for the duration of the Purchase Order Term.

Although the maximum amount of water that can be purchased at the Tier 1 Supply Rate may increase over time if the agency's Base Period Demand increases, the Purchase Order Commitment is fixed for the entire Purchase Order Term and does not increase.

## Tier 1 Supply Rate

The Tier 1 Supply Rate is a volumetric rate charged on Metropolitan water transactions that are within a member agency's Tier 1 maximum. The Tier 1 Supply Rate would increase to \$243 per acre-foot in 2021 due to increasing Supply Program costs. The Tier 1 Supply Rate would remain unchanged at \$243 per acre-foot in 2022. The Tier 1 Supply Rate supports a regional approach through the uniform, postage stamp rate element. The Tier 1 Supply Rate is calculated as the amount of the total supply revenue requirement that is not recovered by the Tier 2 Supply Rate divided by the estimated amount of Tier 1 water transactions.

## Tier 2 Supply Rate

The Tier 2 Supply Rate is a volumetric rate that reflects Metropolitan's cost of purchasing water transfers north of the Delta. The Tier 2 Supply Rate is charged on Metropolitan water transactions that exceed a member agency's Tier 1 maximum. The Tier 2 Supply Rate also encourages the member agencies and their customers to maintain existing local supplies and develop cost-effective local supply resources and

conservation. The Tier 2 Supply Rate would decrease to \$285 per acre-foot in 2021 and 2022. At an expected average sales level of 1.6 MAF in FY 2020/21 and 1.6 MAF in FY 2021/22, it is estimated that no supply will be sold at the Tier 2 Supply Rate in either fiscal year.

## Benefits

The use of the Tier 2 Supply Rate provides several benefits including, efficient resource management and clear price signals to accommodate a water transfer market. By pricing supplies that exceed 90 percent of a member agency's Base demand at a price reflecting Metropolitan's supply cost, a price incentive exists to encourage efficient regional resource management. Member agencies will be encouraged to invest in cost-effective conservation measures and local resources like water recycling. Metropolitan has historically set its water rates with the primary objective of recovering cost. The Tier 2 Supply Rate is a pricing tool designed specifically for the purpose of creating a greater incentive for member agencies to make economic resource management decisions, while recognizing additional costs associated with securing more supply resources.

The Tier 2 Supply Rate will reflect Metropolitan's cost of acquiring transfers from north of the Delta. In so doing, Metropolitan will be competing in the water transfer market along with other providers of imported water supplies. If other providers of imported supply can develop additional supply at a lower cost than Metropolitan's Tier 2 Supply Rate, the water transfer market will expand to meet the region's increasing demands.

## Transactions

Staff estimates of water transactions used for developing the rate recommendation were based on current member agency demands and information and an expectation that demands will trend to levels expected under normal weather conditions. Table 23 summarizes projected water transactions by service type for FY 2020/21 and FY 2021/22.

**Schedule 23: FY Transactions, by Type**

<b>Fiscal Year Ending</b>	<b>2021</b>	<b>2022</b>
<b>Transactions and Exchange by Treatment Type</b>		
Treated Firm Transactions	850	850
Untreated Firm Transactions	474	469
Untreated Exchange	276	281
<b>Total Transactions and Exchange</b>	<b>1,600</b>	<b>1,600</b>
<b>Firm Transactions by Type</b>		
Tier 1	1,324	1,319
Tier 2	-	-
<b>Total Firm Transactions</b>	<b>1,324</b>	<b>1,319</b>



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## **APPENDIX: COS TABLES**

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Revenue Requirements  
Fiscal Year Ending 2021

	1	2	3	4	5	6	
	Labor And Labor Additive	Outside Services	Utilities	Chemicals	Other O&M	O&M Capitalization (pro-rated)	Projected Total To Be Functionalized
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager	5,050,505	300,000	-	-	200,050	(236,211)	5,314,344
Office of General Manager	1,375,059	55,000	-	-	514,896	(82,770)	1,862,185
Bay Delta Initiatives	5,211,217	3,318,198	-	-	1,560,621	(429,846)	8,666,300
External Affairs	3,724,502	1,677,000	5,250	-	962,639	(271,057)	6,098,334
External Affairs	4,691,050	290,700	-	-	400,940	(229,067)	5,153,622
External Affairs	6,962,543	647,400	-	-	2,440,295	(427,700)	9,622,538
External Affairs	3,616,041	1,027,500	-	-	1,421,299	(258,097)	5,806,743
Human Resources	11,066,218	1,461,450	-	-	1,749,405	(607,579)	13,669,495
Water Systems Operations	5,374,972	120,000	1,500,000	-	216,845	(306,908)	6,904,909
Water Systems Operations	900,154	-	-	-	25,780	(39,406)	886,559
Water Systems Operations	400,092	175,000	-	-	590,225	(49,592)	1,115,726
Water Systems Operations	1,489,424	303,500	6,500	-	73,205	(79,692)	1,792,937
Water Systems Operations	6,306,233	127,350	42,800	-	844,745	(337,181)	7,566,007
Water Systems Operations	24,799,200	546,000	161,100	-	5,146,438	(1,304,466)	29,348,273
Water Systems Operations	7,685,732	84,200	64,280	-	1,516,442	(397,929)	8,952,725
Water Systems Operations	3,301,217	170,000	-	-	566,250	(171,819)	3,865,647
Water Systems Operations	2,487,634	-	-	-	146,796	(112,120)	2,522,310
Water Systems Operations	10,831,327	386,000	2,246,798	3,893,711	992,240	(841,150)	17,508,926
Water Systems Operations	10,621,171	231,400	2,870,187	7,344,680	639,540	(852,283)	20,854,695
Water Systems Operations	10,171,615	237,313	855,769	2,156,704	745,195	(604,897)	13,561,699
Water Systems Operations	9,764,448	141,470	1,928,656	3,646,687	953,854	(711,989)	15,726,396
Water Systems Operations	11,596,462	112,600	1,848,239	6,823,092	670,240	(808,433)	20,242,201
Water Systems Operations	22,096,286	1,370,899	431,000	-	3,637,575	(1,171,385)	26,354,176
Water Systems Operations	14,356,806	2,657,400	1,972,400	-	2,030,345	(690,147)	20,026,804
Water Systems Operations	11,634,492	1,531,000	1,072,064	-	1,798,490	(682,434)	15,353,612
Water Systems Operations	6,604,460	177,500	197,000	-	543,200	(320,115)	7,202,045
Water Systems Operations	11,795,417	1,069,000	1,400,250	-	1,382,226	(666,852)	15,003,041
Water Systems Operations	7,076,269	516,600	57,600	-	4,199,736	(654,300)	11,345,905
Water Systems Operations	7,233,901	219,000	50,000	-	802,867	(353,462)	7,952,306
Water Systems Operations	392,415	18,000	-	-	63,362	(20,162)	453,615
Water Systems Operations	-	-	-	-	-	-	-
Office of the Chief Financial Officer	12,231,980	2,084,900	-	-	13,632,271	(1,189,411)	26,759,739
Business Technology	281,762	450,000	-	-	2,000	(31,227)	702,555
Engineering Services	37,535,290	3,445,700	75,000	-	2,669,925	(1,860,811)	41,865,104
Business Technology	18,337,990	17,375,800	1,364,900	-	4,062,200	(1,750,785)	39,399,705
Business Technology	29,939,589	4,840,127	-	-	12,139,860	(1,996,721)	44,922,854
Water Resources Management	4,310,800	549,000	-	-	228,287	(216,530)	4,871,557
Water Resources Management	9,950,533	1,454,500	-	-	5,157,475	(704,838)	15,857,670
Water Resources Management	2,609,852	2,000	-	-	108,865	(115,784)	2,604,934
Ethics Office	1,460,433	102,000	-	-	59,000	(69,002)	1,552,431
Real Property	8,741,785	3,408,700	109,000	-	7,922,052	(658,851)	19,322,687
General Counsel	12,070,997	3,433,000	-	-	499,000	(691,028)	15,321,969
General Auditor	3,908,223	500,000	-	-	113,500	(192,428)	4,329,295
<b>Total Departmental O&amp;M</b>	<b>370,597,405</b>	<b>56,536,917</b>	<b>18,258,692</b>	<b>23,866,874</b>	<b>83,430,136</b>	<b>(23,436,264)</b>	<b>529,253,761</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M	-	-	-	-	-	-	92,381,352
Supply - Capital	-	-	-	-	-	-	57,457,040
Power - O&M & Off-Aq Capital	-	-	-	-	-	-	207,162,017
Power - Capital (less Off-Aq)	-	-	-	-	-	-	(13,041,702)
Transmission - Capital - Commodity, Demand, & Standby	-	-	-	-	-	-	62,602,797
Transmission - O&M - Commodity only	-	-	-	-	-	-	179,806,614
Delta Conveyance	-	-	-	-	-	-	25,000,000
<b>Total State Water Contract</b>	-	-	-	-	-	-	<b>640,768,116</b>
<b>Colorado River Aqueduct Power Costs</b>							
<b>Supply Programs</b>	-	-	-	-	-	-	<b>68,682,826</b>
<b>Demand Management</b>							
Local Resources Program	-	-	-	-	-	-	19,259,257
Future Supply Actions & Stormwater Pilot	-	-	-	-	-	-	4,272,500
Conservation Program	-	-	-	-	-	-	25,000,000
<b>Total Demand Management Costs</b>	-	-	-	-	-	-	<b>48,531,757</b>
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment	-	-	-	-	-	-	285,750,240
G.O. Bond Debt Service	-	-	-	-	-	-	7,254,175
Debt Administration	-	-	-	-	-	-	5,685,801
Bond Defeasance	-	-	-	-	-	-	-
PAYGO	-	-	-	-	-	-	110,000,000
<b>Total Capital Financing Costs</b>	-	-	-	-	-	-	<b>408,690,217</b>
<b>Regional Recycled Water Program planning costs</b>							
-	-	-	-	-	-	-	<b>15,000,000</b>
<b>Other Operating Costs</b>							
Operating Equipment	-	-	-	-	-	-	7,878,483
Succession Planning Labor Pool	-	-	-	-	-	-	7,000,000
OPEB/PERS Pre-Funding	-	-	-	-	-	-	-
<b>Total Other Operating Costs</b>	-	-	-	-	-	-	<b>14,878,483</b>
<b>Increase/(Decrease) in Required Reserves</b>							
-	-	-	-	-	-	-	<b>42,400,000</b>
<b>Total General District Requirements</b>							
-	-	-	-	-	-	-	<b>1,291,188,237</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>							
-	-	-	-	-	-	-	<b>1,820,441,998</b>
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service	-	-	-	-	-	-	7,554,898
Property Taxes - MWD GO Debt Service	-	-	-	-	-	-	7,254,175
Interest on Investments	-	-	-	-	-	-	17,949,508
Hydro-Power Revenue	-	-	-	-	-	-	12,203,593
CRA Power Revenue	-	-	-	-	-	-	8,079,978
Wadsworth Pumping Plant (DVL) Power Revenue	-	-	-	-	-	-	469,889
Misc. allocated to A&G (C/WID, Lease, Late Fees, etc.)	-	-	-	-	-	-	16,335,920
Misc. allocated to supply (P/WID Lease)	-	-	-	-	-	-	3,556,086
Property Taxes - above GO Debt Service	-	-	-	-	-	-	125,138,058
Revenue Reserve used for Revenue Bonds - I&P	-	-	-	-	-	-	-
Amortization	-	-	-	-	-	-	-
<b>Total Revenue Offsets</b>	-	-	-	-	-	-	<b>198,581,516</b>
<b>NET REVENUE REQUIREMENTS:</b>							
-	-	-	-	-	-	-	<b>1,621,860,482</b>





Source of Supply			Conveyance & Aqueeduct					Storage				Treatment					Total \$ Functionalized						
CRA	SWP	Other Supply	CRA		SWP		Other	Storage Costs Other Than Power			Power	Jensen	Weymouth	Diemer	Mills	Skinner		Distribution	Demand Management	Hydro-Electric	Administrative & General		
			CRA Power	CRA All Other	SWP Power	SWP All Other	Conv. & Aqueeduct	Emergency	Drought	Regulatory													
<b>Departmental O&amp;M</b>																							
<b>Group</b>	<b>Item</b>																						
	Office of General Manager	81,197	144,436	127,683	53,863	464,283	-	185,429	68,862	68,189	48,371	34,822	-	-	-	254,042	283,328	293,136	201,076	238,213	993,150	106,149	
	Office of General Manager Board of Directors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Bay Delta Initiatives	-	-	-	-	-	-	5,217,217	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	External Affairs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	External Affairs Media Communications Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	External Affairs Manager, External Affairs/Special P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	External Affairs Conservation & Community Service	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Human Resources	177,911	316,475	279,767	118,019	1,017,295	-	406,296	150,884	149,410	105,986	76,299	-	-	-	556,634	620,803	642,293	440,579	521,952	2,176,103	1,808,021	
	Water Systems Operations Office of the Manager	115,611	115,611	115,611	103,393	917,898	-	48,496	-	17,781	17,781	17,781	-	-	-	405,822	425,858	400,319	388,547	377,885	1,776,904	232,583	
	Water Systems Operations Office of the Manager, Conveyance	-	-	-	-	-	-	458,877	-	-	-	-	-	-	-	-	-	-	-	-	-	388,340	
	Water Systems Operations Office of the Manager, Treatment S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Water Systems Operations Office of the Manager, Operations S	32,036	32,036	32,036	28,651	254,353	-	13,438	-	4,927	4,927	4,927	-	-	-	71,286	76,322	69,903	66,944	64,265	51,372	-	
	Water Systems Operations Operations Support Services	-	-	-	-	-	-	1,098,419	-	-	-	-	-	-	-	112,455	118,007	110,930	107,668	104,713	492,387	-	
	Water Systems Operations Desert Region / CAD CRA	-	-	-	-	-	-	24,799,200	-	-	-	-	-	-	-	75,991	75,991	75,991	75,991	75,991	5,340,110	-	
	Water Systems Operations System Operations Unit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,685,732	
	Water Systems Operations Power Operations and Planning	-	-	-	3,264,903	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Water Systems Operations Operations Planning & Programs U	829,278	829,278	829,278	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Water Systems Operations Treatment Jensen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,390,742	
	Water Systems Operations Treatment Diemer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,363,758	
	Water Systems Operations Treatment Mills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,306,936	
	Water Systems Operations Treatment Skinner	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,253,765	
	Water Systems Operations Treatment Weymouth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,488,986	
	Water Systems Operations Water Quality Section	3,047,908	3,047,908	3,047,908	-	-	-	-	-	596,330	596,330	596,330	-	-	-	-	-	-	-	-	-	-	
	Water Systems Operations CAD, Eastern Unit	-	-	-	1,134,188	-	-	1,249,042	-	-	-	-	-	-	-	2,230,715	2,230,715	2,230,715	2,230,715	2,230,715	2,230,715	11,399,304	
	Water Systems Operations CAD, Western Unit	-	-	-	13,961	-	-	349,035	-	-	-	-	-	-	-	-	-	-	-	-	-	10,511,763	
	Water Systems Operations OSS, Manufacturing Services Unit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,686,969	
	Water Systems Operations Environmental Health & Safety Sec	-	-	-	-	1,978,594	-	-	-	-	-	-	-	-	-	89,055	89,055	89,055	89,055	89,055	89,055	3,872,240	
	Water Systems Operations OSS, Fleet Services Unit	-	-	-	-	956,296	-	-	-	-	-	-	-	-	-	1,173,942	1,173,942	1,173,942	1,173,942	1,173,942	3,743,346	-	
	Water Systems Operations OSS, Power Support Unit	-	-	-	202,549	-	-	-	-	-	-	-	-	-	-	314,186	314,186	314,186	314,186	314,186	314,186	4,108,856	
	Water Systems Operations Office of the Manager, Operations &	8,440	8,440	8,440	7,549	67,014	-	3,541	-	1,298	1,298	1,298	-	-	-	214,123	214,123	214,123	214,123	214,123	214,123	129,728	
	Water Systems Operations Security Team & Security Managem	-	-	-	-	-	-	-	-	29,628	29,628	29,628	-	-	-	31,091	29,226	28,367	27,589	27,589	129,728	-	
	Office of the Chief Financial Officer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Business Technology Office of Manager	-	-	-	-	-	-	-	-	-	702,555	702,555	-	-	-	-	-	-	-	-	-	281,782	
	Engineering Services	-	-	-	-	10,637,923	-	7,342,872	-	-	-	-	-	-	-	-	-	-	-	-	-	37,535,290	
	Business Technology Administrative Services	-	-	-	-	-	-	-	-	464,703	39,945,230	39,945,230	-	-	-	1,955,589	2,195,814	2,582,428	701,910	2,101,976	6,583,451	18,337,690	
	Business Technology Information Technology	481,337	856,222	1,346,506	-	11,294,476	-	8,833,799	944,163	447,963	39,389,705	39,389,705	78,779,410	1,505,969	1,679,580	1,737,721	1,737,721	1,412,138	5,887,433	629,253	298,552	8,026,055	
	Water Resources Management Resource Planning & Development	-	-	-	-	4,872	-	988,926	107,174	-	1,100,972	2,201,944	862	862	862	862	862	862	862	862	862	4,310,800	
	Water Resources Management Resource Implementation	1,232,871	4,347,388	-	-	-	-	6,002,126	-	19,029	11,601,416	21,969,961	-	-	-	-	-	-	-	-	-	9,950,533	
	Water Resources Management Office of the Group Manager	247,368	872,277	-	612	124,273	-	2,391	-	2,014,645	174,964,297	123	123	123	123	124,508	769,174	-	-	-	-	2,609,852	
	Ethics Office	-	-	-	-	-	-	-	-	1,552,431	1,552,431	3,104,862	-	-	-	-	-	-	-	-	-	1,460,433	
	Real Property	269,247	377,645	1,563,205	-	-	-	1,980,675	-	7,108,816	11,299,489	-	-	-	-	-	-	-	-	-	-	3,216,103	
	General Counsel	-	-	-	-	-	-	-	-	15,321,969	15,321,969	-	-	-	-	-	-	-	-	-	-	12,070,997	
	General Auditor	-	-	-	-	-	-	-	-	4,329,295	4,329,295	-	-	-	-	-	-	-	-	-	-	3,908,223	
	<b>Total Departmental O&amp;M</b>	<b>6,523,203</b>	<b>10,947,715</b>	<b>17,509,907</b>	<b>3,778,927</b>	<b>33,504,009</b>	<b>21,937,883</b>	<b>26,771,264</b>	<b>8,040,934</b>	<b>1,750,602</b>	<b>83,583,839</b>	<b>155,236,326</b>	<b>363,061,406</b>	<b>18,431,006</b>	<b>19,637,277</b>	<b>19,222,367</b>	<b>16,091,653</b>	<b>17,458,422</b>	<b>79,526,099</b>	<b>7,406,294</b>	<b>4,364,926</b>	<b>85,562,641</b>	<b>370,597,405</b>



Allocation of Revenue Requirements: Source Of Supply, CRA  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total
		Demand	Fixed Commodity	Standby	Variable Commodity	Other	
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		85,438	85,438	-	-	-	85,438
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		219,764	219,764	-	-	-	219,764
Water Systems Operations	Office of the Manager	148,518	148,518	-	-	-	148,518
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Service	38,564	38,564	-	-	-	38,564
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	840,837	840,837	-	-	-	840,837
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	3,636,876	3,636,876	-	-	-	3,636,876
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Sect	9,757	9,757	-	-	-	9,757
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial Office		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		-	-	-	-	-	-
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	722,222	722,222	-	-	-	722,222
Water Resources Management	Resource Planning & Development	-	-	-	-	-	-
Water Resources Management	Resource Implementation	1,964,765	1,964,765	-	-	-	1,964,765
Water Resources Management	Office of the Group Manager	246,902	246,902	-	-	-	246,902
Ethics Office		-	-	-	-	-	-
Real Property		595,139	595,139	-	-	-	595,139
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>8,508,782</b>	<b>8,508,782</b>				<b>8,508,782</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>							
<b>Colorado River Aqueduct Power Costs</b>							
<b>Supply Programs</b>		36,030,363	36,030,363	-	-	-	36,030,363
<b>Demand Management</b>							
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>							
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		-	-	-	-	-	-
G.O. Bond Debt Service		-	-	-	-	-	-
Debt Administration		-	-	-	-	-	-
Bond Defeasance		-	-	-	-	-	-
PAYGO		-	-	-	-	-	-
<b>Total Capital Financing Costs</b>							
<b>Regional Recycled Water Program planning costs</b>							
<b>Other Operating Costs</b>							
Operating Equipment		126,662	126,662	-	-	-	126,662
Succession Planning Labor Pool		112,539	112,539	-	-	-	112,539
OPEB/PPERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		239,201	239,201	-	-	-	239,201
<b>Increase/(Decrease) in Required Reserves</b>							
<b>Total General District Requirements</b>		36,269,564	36,269,564	-	-	-	36,269,564
<b>REQUIREMENTS BEFORE OFFSETS:</b>		44,778,346	44,778,346	-	-	-	44,778,346
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		-	-	-	-	-	-
Interest on Investments		441,513	441,513	-	-	-	441,513
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		441,513	441,513	-	-	-	441,513
<b>NET REVENUE REQUIREMENTS:</b>		44,336,833	44,336,833	-	-	-	44,336,833



**Direct Labor used for A&G Allocation**  
Allocation of Revenue Requirements: Source Of Supply, CRA  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total	
		Demand	Fixed		Variable Commodity	Other		Hydroelectric
			Commodity	Standby				
<b>Departmental O&amp;M</b>								
<b>Group</b>	<b>Item</b>							
Office of General Manager	Board of Directors	81,197	-	81,197	-	-	81,197	
Office of General Manager	Bay Delta Initiatives	-	-	-	-	-	-	
External Affairs	Legislative Services	-	-	-	-	-	-	
External Affairs	Media Communications Services	-	-	-	-	-	-	
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-	
External Affairs	Conservation & Community Services	-	-	-	-	-	-	
Human Resources		177,911	-	177,911	-	-	177,911	
Water Systems Operations	Office of the Manager	115,611	-	115,611	-	-	115,611	
Water Systems Operations	Office of the Manager, Conveyance & Distribution Sec	-	-	-	-	-	-	
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-	
Water Systems Operations	Office of the Manager, Operations Support Services	32,036	-	32,036	-	-	32,036	
Water Systems Operations	Operations Support Services	-	-	-	-	-	-	
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-	
Water Systems Operations	System Operations Unit	-	-	-	-	-	-	
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-	
Water Systems Operations	Operations Planning & Programs Unit	829,278	-	829,278	-	-	829,278	
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-	
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-	
Water Systems Operations	Treatment Mills	-	-	-	-	-	-	
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-	
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-	
Water Systems Operations	Water Quality Section	3,047,908	-	3,047,908	-	-	3,047,908	
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-	
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-	
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-	
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-	
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-	
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-	
Water Systems Operations	Office of the Manager, Operations & Planning Section	8,440	-	8,440	-	-	8,440	
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-	
Office of the Chief Financial Officer		-	-	-	-	-	-	
Business Technology	Office of Manager	-	-	-	-	-	-	
Engineering Services		-	-	-	-	-	-	
Business Technology	Administrative Services	-	-	-	-	-	-	
Business Technology	Information Technology	481,337	-	481,337	-	-	481,337	
Water Resources Management	Resource Planning & Development	-	-	-	-	-	-	
Water Resources Management	Resource Implementation	1,232,871	-	1,232,871	-	-	1,232,871	
Water Resources Management	Office of the Group Manager	247,368	-	247,368	-	-	247,368	
Ethics Office		-	-	-	-	-	-	
Real Property		269,247	-	269,247	-	-	269,247	
General Counsel		-	-	-	-	-	-	
General Auditor		-	-	-	-	-	-	
<b>Total Departmental O&amp;M</b>		<b>6,523,203</b>	<b>-</b>	<b>6,523,203</b>	<b>-</b>	<b>-</b>	<b>6,523,203</b>	

Allocation Percentages: Source Of Supply, SWP  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					% Total
		Demand	Commodity	Standby	Variable Commodity	Hydroelectric	
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		151,981	0.0%	100.0%	0.0%	0.0%	100.0%
Office of General Manager	Board of Directors	-	0.0%	100.0%	0.0%	0.0%	100.0%
Bay Delta Initiatives	Bay Delta Initiatives	-	0.0%	100.0%	0.0%	0.0%	100.0%
External Affairs	Legislative Services	-	0.0%	100.0%	0.0%	0.0%	100.0%
External Affairs	Media Communications Services	-	0.0%	100.0%	0.0%	0.0%	100.0%
External Affairs	Manager, External Affairs/Special Projects	-	0.0%	100.0%	0.0%	0.0%	100.0%
External Affairs	Conservation & Community Services	-	0.0%	100.0%	0.0%	0.0%	100.0%
Human Resources		390,924	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager	148,518	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Treatment Section	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Operations Support Services	38,564	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Operations Support Services	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Desert Region / C&D CRA	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	System Operations Unit	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Power Operations and Planning	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Operations Planning & Programs Unit	840,837	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Jensen	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Diemer	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Mills	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Skinner	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Weymouth	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Water Quality Section	3,636,876	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	C&D, Eastern Unit	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	C&D, Western Unit	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	OSS, Manufacturing Services Unit	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Environmental Health & Safety Section	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	OSS, Fleet Services Unit	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	OSS, Power Support Unit	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Operations & Planning Section	9,757	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Security Team & Security Management	-	0.0%	100.0%	0.0%	0.0%	100.0%
Office of the Chief Financial Officer		-	0.0%	100.0%	0.0%	0.0%	100.0%
Business Technology	Office of Manager	-	0.0%	100.0%	0.0%	0.0%	100.0%
Engineering Services		-	0.0%	100.0%	0.0%	0.0%	100.0%
Business Technology	Administrative Services	-	0.0%	100.0%	0.0%	0.0%	100.0%
Business Technology	Information Technology	1,284,718	0.0%	100.0%	0.0%	0.0%	100.0%
Water Resources Management	Resource Planning & Development	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Resources Management	Resource Implementation	6,928,216	0.0%	100.0%	0.0%	0.0%	100.0%
Water Resources Management	Office of the Group Manager	870,633	0.0%	100.0%	0.0%	0.0%	100.0%
Ethics Office		-	0.0%	100.0%	0.0%	0.0%	100.0%
Real Property		834,740	0.0%	100.0%	0.0%	0.0%	100.0%
General Counsel		-	0.0%	100.0%	0.0%	0.0%	100.0%
General Auditor		-	0.0%	100.0%	0.0%	0.0%	100.0%
<b>Total Departmental O&amp;M</b>		<b>15,135,764</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		92,381,352	0.0%	100.0%	0.0%	0.0%	100.0%
Supply - Capital		57,457,040	0.0%	100.0%	0.0%	0.0%	100.0%
Power - O&M & Off-Aq Capital		-	0.0%	100.0%	0.0%	0.0%	100.0%
Power - Capital (less Off-Aq)		-	0.0%	100.0%	0.0%	0.0%	100.0%
Transmission - Capital - Commodity, Demand, & Standby		-	0.0%	100.0%	0.0%	0.0%	100.0%
Transmission - O&M - Commodity only		-	0.0%	100.0%	0.0%	0.0%	100.0%
Delta Conveyance		-	0.0%	100.0%	0.0%	0.0%	100.0%
<b>Total State Water Contract</b>		<b>149,838,392</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Colorado River Aqueduct Power Costs</b>		-	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Supply Programs</b>		-	0.0%	100.0%	0.0%	0.0%	100.0%
<b>Demand Management</b>		-	0.0%	0.0%	0.0%	0.0%	0.0%
Local Resources Program		-	0.0%	100.0%	0.0%	0.0%	100.0%
Future Supply Actions & Stormwater Pilot		-	0.0%	100.0%	0.0%	0.0%	100.0%
Conservation Program		-	0.0%	100.0%	0.0%	0.0%	100.0%
<b>Total Demand Management Costs</b>		-	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Capital Financing</b>		-	0.0%	0.0%	0.0%	0.0%	0.0%
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		-	0.0%	0.0%	0.0%	0.0%	0.0%
G.O. Bond Debt Service		-	0.0%	0.0%	0.0%	0.0%	0.0%
Debt Administration		-	0.0%	0.0%	0.0%	0.0%	0.0%
Bond Defeasance		-	0.0%	0.0%	0.0%	0.0%	0.0%
PAYGO		-	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Total Capital Financing Costs</b>		-	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Regional Recycled Water Program planning costs</b>		-	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Other Operating Costs</b>							
Operating Equipment		225,311	0.0%	100.0%	0.0%	0.0%	100.0%
Succession Planning Labor Pool		200,188	0.0%	100.0%	0.0%	0.0%	100.0%
OPEB/PERS Pre-Funding		-	0.0%	100.0%	0.0%	0.0%	100.0%
<b>Total Other Operating Costs</b>		<b>425,499</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Increase/(Decrease) in Required Reserves</b>		-	0.0%	100.0%	0.0%	0.0%	100.0%
<b>Total General District Requirements</b>		<b>150,263,891</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>165,399,656</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	0.0%	0.0%	0.0%	0.0%	0.0%
Property Taxes - MWD GO Debt Service		-	0.0%	0.0%	0.0%	0.0%	0.0%
Interest on Investments		1,630,836	0.0%	100.0%	0.0%	0.0%	100.0%
Hydro-Power Revenue		-	0.0%	0.0%	0.0%	100.0%	100.0%
CRA Power Revenue		-	0.0%	0.0%	0.0%	0.0%	0.0%
Wadsworth Pumping Plant (DVL) Power Revenue		-	0.0%	0.0%	0.0%	0.0%	0.0%
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	0.0%	0.0%	0.0%	0.0%	0.0%
Misc. allocated to supply (PVID Lease)		3,595,498	0.0%	100.0%	0.0%	0.0%	100.0%
Property Taxes - above GO Debt Service		41,213,282	0.0%	100.0%	0.0%	0.0%	100.0%
Revenue Reserve used for Revenue Bonds - I&P		-	0.0%	0.0%	0.0%	0.0%	0.0%
Annexation		-	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Total Revenue Offsets</b>		<b>46,439,615</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>118,960,041</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>

Allocation of Revenue Requirements: Source Of Supply, SWP  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		151,981	-	151,981	-	-	151,981
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		390,924	-	390,924	-	-	390,924
Water Systems Operations	Office of the Manager	148,518	-	148,518	-	-	148,518
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Service	38,564	-	38,564	-	-	38,564
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	840,837	-	840,837	-	-	840,837
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	3,636,876	-	3,636,876	-	-	3,636,876
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Sect	9,757	-	9,757	-	-	9,757
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		-	-	-	-	-	-
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	1,284,718	-	1,284,718	-	-	1,284,718
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	6,928,216	-	6,928,216	-	-	6,928,216
Water Resources Managemen	Office of the Group Manager	870,633	-	870,633	-	-	870,633
Ethics Office		-	-	-	-	-	-
Real Property		834,740	-	834,740	-	-	834,740
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>15,135,764</b>	-	<b>15,135,764</b>	-	-	<b>15,135,764</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		92,381,352	-	92,381,352	-	-	92,381,352
Supply - Capital		57,457,040	-	57,457,040	-	-	57,457,040
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>		<b>149,838,392</b>	-	<b>149,838,392</b>	-	-	<b>149,838,392</b>
<b>Colorado River Aqueduct Power Costs</b>							
<b>Supply Programs</b>							
<b>Demand Management</b>							
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>							
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		-	-	-	-	-	-
G.O. Bond Debt Service		-	-	-	-	-	-
Debt Administration		-	-	-	-	-	-
Bond Defeasance		-	-	-	-	-	-
PAYGO		-	-	-	-	-	-
<b>Total Capital Financing Costs</b>							
<b>Regional Recycled Water Program planning costs</b>							
<b>Other Operating Costs</b>							
Operating Equipment		225,311	-	225,311	-	-	225,311
Succession Planning Labor Pool		200,188	-	200,188	-	-	200,188
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		<b>425,499</b>	-	<b>425,499</b>	-	-	<b>425,499</b>
<b>Increase(Decrease) in Required Reserves</b>							
<b>Total General District Requirements</b>		<b>150,263,891</b>	-	<b>150,263,891</b>	-	-	<b>150,263,891</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>165,399,656</b>	-	<b>165,399,656</b>	-	-	<b>165,399,656</b>
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		-	-	-	-	-	-
Interest on Investments		1,630,836	-	1,630,836	-	-	1,630,836
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		3,595,498	-	3,595,498	-	-	3,595,498
Property Taxes - above GO Debt Service		41,213,282	-	41,213,282	-	-	41,213,282
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		<b>46,439,615</b>	-	<b>46,439,615</b>	-	-	<b>46,439,615</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>118,960,041</b>	-	<b>118,960,041</b>	-	-	<b>118,960,041</b>

**Direct Labor used for A&G Allocation**  
Allocation of Revenue Requirements: Source Of Supply, SWP  
Fiscal Year Ending 2021

		Functionalization	Allocation Percentages				Total
			Demand	Fixed Commodity	Standby	Variable Commodity	
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		144,436	-	144,436	-	-	144,436
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		316,475	-	316,475	-	-	316,475
Water Systems Operations	Office of the Manager	115,611	-	115,611	-	-	115,611
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Services	32,036	-	32,036	-	-	32,036
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	829,278	-	829,278	-	-	829,278
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	3,047,908	-	3,047,908	-	-	3,047,908
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Section	8,440	-	8,440	-	-	8,440
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		-	-	-	-	-	-
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	856,222	-	856,222	-	-	856,222
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	4,347,388	-	4,347,388	-	-	4,347,388
Water Resources Managemen	Office of the Group Manager	872,277	-	872,277	-	-	872,277
Ethics Office		-	-	-	-	-	-
Real Property		377,645	-	377,645	-	-	377,645
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>10,947,715</b>	<b>-</b>	<b>10,947,715</b>	<b>-</b>	<b>-</b>	<b>10,947,715</b>

Allocation Percentages: Source Of Supply - Other Supply  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					% Total
		Fixed			Variable	Hydroelectric	
		Demand	Commodity	Standby	Commodity		
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		134,353	0.0%	100.0%	0.0%	0.0%	100.0%
Office of General Manager	Board of Directors	-	0.0%	100.0%	0.0%	0.0%	100.0%
Bay Delta Initiatives	Bay Delta Initiatives	-	0.0%	100.0%	0.0%	0.0%	100.0%
External Affairs	Legislative Services	-	0.0%	100.0%	0.0%	0.0%	100.0%
External Affairs	Media Communications Services	-	0.0%	100.0%	0.0%	0.0%	100.0%
External Affairs	Manager, External Affairs/Special Projects	-	0.0%	100.0%	0.0%	0.0%	100.0%
External Affairs	Conservation & Community Services	-	0.0%	100.0%	0.0%	0.0%	100.0%
Human Resources		345,581	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager	148,518	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Treatment Section	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Operations Support Services	38,564	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Operations Support Services	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Desert Region / C&D CRA	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	System Operations Unit	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Power Operations and Planning	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Operations Planning & Programs Unit	840,837	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Jensen	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Diemer	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Mills	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Skinner	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Weymouth	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Water Quality Section	3,636,876	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	C&D, Eastern Unit	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	C&D, Western Unit	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	OSS, Manufacturing Services Unit	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Environmental Health & Safety Section	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	OSS, Fleet Services Unit	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	OSS, Power Support Unit	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Operations & Planning Section	9,757	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Security Team & Security Management	-	0.0%	100.0%	0.0%	0.0%	100.0%
Office of the Chief Financial Officer		-	0.0%	100.0%	0.0%	0.0%	100.0%
Business Technology	Office of Manager	-	0.0%	100.0%	0.0%	0.0%	100.0%
Engineering Services		1,783,453	0.0%	100.0%	0.0%	0.0%	100.0%
Business Technology	Administrative Services	-	0.0%	100.0%	0.0%	0.0%	100.0%
Business Technology	Information Technology	1,135,703	0.0%	100.0%	0.0%	0.0%	100.0%
Water Resources Management	Resource Planning & Development	3,770,585	0.0%	100.0%	0.0%	0.0%	100.0%
Water Resources Management	Resource Implementation	943,531	0.0%	100.0%	0.0%	0.0%	100.0%
Water Resources Management	Office of the Group Manager	592,398	0.0%	100.0%	0.0%	0.0%	100.0%
Ethics Office		-	0.0%	100.0%	0.0%	0.0%	100.0%
Real Property		-	0.0%	100.0%	0.0%	0.0%	100.0%
General Counsel		-	0.0%	100.0%	0.0%	0.0%	100.0%
General Auditor		-	0.0%	100.0%	0.0%	0.0%	100.0%
<b>Total Departmental O&amp;M</b>		<b>13,380,157</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	0.0%	0.0%	0.0%	0.0%	0.0%
Supply - Capital		-	0.0%	0.0%	0.0%	0.0%	0.0%
Power - O&M & Off-Aq Capital		-	0.0%	0.0%	0.0%	0.0%	0.0%
Power - Capital (less Off-Aq)		-	0.0%	0.0%	0.0%	0.0%	0.0%
Transmission - Capital - Commodity, Demand, & Standby		-	0.0%	0.0%	0.0%	0.0%	0.0%
Transmission - O&M - Commodity only		-	0.0%	0.0%	0.0%	0.0%	0.0%
Delta Conveyance		-	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Total State Water Contract</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Colorado River Aqueduct Power Costs</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Supply Programs</b>		<b>1,250,000</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>
<b>Demand Management</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
Local Resources Program		-	0.0%	100.0%	0.0%	0.0%	100.0%
Future Supply Actions & Stormwater Pilot		-	0.0%	100.0%	0.0%	0.0%	100.0%
Conservation Program		-	0.0%	100.0%	0.0%	0.0%	100.0%
<b>Total Demand Management Costs</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Capital Financing</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		12,172,960	0.0%	100.0%	0.0%	0.0%	100.0%
G.O. Bond Debt Service		-	0.0%	100.0%	0.0%	0.0%	100.0%
Debt Administration		242,215	0.0%	100.0%	0.0%	0.0%	100.0%
Bond Defeasance		-	0.0%	100.0%	0.0%	0.0%	100.0%
PAYGO		4,686,000	0.0%	100.0%	0.0%	0.0%	100.0%
<b>Total Capital Financing Costs</b>		<b>17,101,175</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Regional Recycled Water Program planning costs</b>		<b>5,626,290</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>
<b>Other Operating Costs</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
Operating Equipment		199,177	0.0%	100.0%	0.0%	0.0%	100.0%
Succession Planning Labor Pool		176,968	0.0%	100.0%	0.0%	0.0%	100.0%
OPEB/PERS Pre-Funding		-	0.0%	100.0%	0.0%	0.0%	100.0%
<b>Total Other Operating Costs</b>		<b>376,146</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Increase/(Decrease) in Required Reserves</b>		<b>-</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>
<b>Total General District Requirements</b>		<b>24,353,611</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>37,733,768</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Revenue Offsets</b>		<b>-</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>
Property Taxes - MWD Portion of SWP GO Debt Service		-	100.0%	0.0%	0.0%	0.0%	100.0%
Property Taxes - MWD GO Debt Service		-	100.0%	0.0%	0.0%	0.0%	100.0%
Interest on Investments		372,054	0.0%	100.0%	0.0%	0.0%	100.0%
Hydro-Power Revenue		-	0.0%	0.0%	0.0%	0.0%	0.0%
CRA Power Revenue		-	0.0%	0.0%	0.0%	0.0%	0.0%
Wadsworth Pumping Plant (DVL) Power Revenue		-	0.0%	0.0%	0.0%	0.0%	0.0%
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	0.0%	0.0%	0.0%	0.0%	0.0%
Misc. allocated to supply (PVID Lease)		-	0.0%	0.0%	0.0%	0.0%	0.0%
Property Taxes - above GO Debt Service		-	0.0%	0.0%	0.0%	0.0%	0.0%
Revenue Reserve used for Revenue Bonds - I&P		-	0.0%	0.0%	0.0%	0.0%	0.0%
Annexation		-	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Total Revenue Offsets</b>		<b>372,054</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>

Allocation of Revenue Requirements: Source Of Supply - Other Supply  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages				Total
		Demand	Fixed Commodity	Standby	Variable Commodity	
<b>Departmental O&amp;M</b>						
<b>Group</b>	<b>Item</b>					
Office of General Manager		134,353	-	134,353	-	-
Office of General Manager	Board of Directors	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-
Human Resources		345,581	-	345,581	-	-
Water Systems Operations	Office of the Manager	148,518	-	148,518	-	-
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Service	38,564	-	38,564	-	-
Water Systems Operations	Operations Support Services	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	840,837	-	840,837	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-
Water Systems Operations	Water Quality Section	3,636,876	-	3,636,876	-	-
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Sect	9,757	-	9,757	-	-
Water Systems Operations	Security Team & Security Management	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-
Business Technology	Office of the Manager	-	-	-	-	-
Engineering Services		1,783,453	-	1,783,453	-	-
Business Technology	Administrative Services	-	-	-	-	-
Business Technology	Information Technology	1,135,703	-	1,135,703	-	-
Water Resources Managemen	Resource Planning & Development	3,770,585	-	3,770,585	-	-
Water Resources Managemen	Resource Implementation	943,531	-	943,531	-	-
Water Resources Managemen	Office of the Group Manager	592,398	-	592,398	-	-
Ethics Office		-	-	-	-	-
Real Property		-	-	-	-	-
General Counsel		-	-	-	-	-
General Auditor		-	-	-	-	-
<b>Total Departmental O&amp;M</b>		13,380,157	-	13,380,157	-	-
<b>GENERAL DISTRICT REQUIREMENTS</b>						
<b>State Water Contract</b>						
Supply - O&M		-	-	-	-	-
Supply - Capital		-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-
Delta Conveyance		-	-	-	-	-
<b>Total State Water Contract</b>		-	-	-	-	-
<b>Colorado River Aqueduct Power Costs</b>						
<b>Supply Programs</b>		1,250,000	-	1,250,000	-	-
<b>Demand Management</b>						
Local Resources Program		-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-
Conservation Program		-	-	-	-	-
<b>Total Demand Management Costs</b>		-	-	-	-	-
<b>Capital Financing</b>						
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		12,172,960	-	12,172,960	-	-
G.O. Bond Debt Service		-	-	-	-	-
Debt Administration		242,215	-	242,215	-	-
Bond Defeasance		-	-	-	-	-
PAYGO		4,686,000	-	4,686,000	-	-
<b>Total Capital Financing Costs</b>		17,101,175	-	17,101,175	-	-
<b>Regional Recycled Water Program planning costs</b>		5,626,290	-	5,626,290	-	-
<b>Other Operating Costs</b>						
Operating Equipment		199,177	-	199,177	-	-
Succession Planning Labor Pool		176,968	-	176,968	-	-
OPEB/PERS Pre-Funding		-	-	-	-	-
<b>Total Other Operating Costs</b>		376,146	-	376,146	-	-
<b>Increase/(Decrease) in Required Reserves</b>		-	-	-	-	-
<b>Total General District Requirements</b>		24,353,611	-	24,353,611	-	-
<b>REQUIREMENTS BEFORE OFFSETS:</b>		37,733,768	-	37,733,768	-	-
<b>Revenue Offsets</b>						
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-
Property Taxes - MWD GO Debt Service		-	-	-	-	-
Interest on Investments		372,054	-	372,054	-	-
Hydro-Power Revenue		-	-	-	-	-
CRA Power Revenue		-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-
Annexation		-	-	-	-	-
<b>Total Revenue Offsets</b>		372,054	-	372,054	-	-
<b>NET REVENUE REQUIREMENTS:</b>		37,361,714	-	37,361,714	-	-

**Direct Labor used for A&G Allocation**  
 Allocation of Revenue Requirements: Source Of Supply - Other Supply  
 Fiscal Year Ending 2021

		Allocation Percentages					Total	
		Functionalization	Fixed			Variable Commodity		Hydroelectric
			Demand	Commodity	Standby			
<b>Departmental O&amp;M</b>								
<b>Group</b>	<b>Item</b>							
Office of General Manager		127,683	-	127,683	-	-	127,683	
Office of General Manager	Board of Directors	-	-	-	-	-	-	
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-	
External Affairs	Legislative Services	-	-	-	-	-	-	
External Affairs	Media Communications Services	-	-	-	-	-	-	
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-	
External Affairs	Conservation & Community Services	-	-	-	-	-	-	
Human Resources		279,767	-	279,767	-	-	279,767	
Water Systems Operations	Office of the Manager	115,611	-	115,611	-	-	115,611	
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	-	-	-	-	-	
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-	
Water Systems Operations	Office of the Manager, Operations Support Services	32,036	-	32,036	-	-	32,036	
Water Systems Operations	Operations Support Services	-	-	-	-	-	-	
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-	
Water Systems Operations	System Operations Unit	-	-	-	-	-	-	
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-	
Water Systems Operations	Operations Planning & Programs Unit	829,278	-	829,278	-	-	829,278	
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-	
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-	
Water Systems Operations	Treatment Mills	-	-	-	-	-	-	
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-	
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-	
Water Systems Operations	Water Quality Section	3,047,908	-	3,047,908	-	-	3,047,908	
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-	
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-	
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-	
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-	
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-	
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-	
Water Systems Operations	Office of the Manager, Operations & Planning Section	8,440	-	8,440	-	-	8,440	
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-	
Office of the Chief Financial O		-	-	-	-	-	-	
Business Technology	Office of Manager	-	-	-	-	-	-	
Engineering Services		1,599,003	-	1,599,003	-	-	1,599,003	
Business Technology	Administrative Services	-	-	-	-	-	-	
Business Technology	Information Technology	756,908	-	756,908	-	-	756,908	
Water Resources Managemen	Resource Planning & Development	3,336,559	-	3,336,559	-	-	3,336,559	
Water Resources Managemen	Resource Implementation	592,057	-	592,057	-	-	592,057	
Water Resources Managemen	Office of the Group Manager	593,517	-	593,517	-	-	593,517	
Ethics Office		-	-	-	-	-	-	
Real Property		-	-	-	-	-	-	
General Counsel		-	-	-	-	-	-	
General Auditor		-	-	-	-	-	-	
<b>Total Departmental O&amp;M</b>		<b>11,318,767</b>	<b>-</b>	<b>11,318,767</b>	<b>-</b>	<b>-</b>	<b>11,318,767</b>	





Allocation of Revenue Requirements: C&A, CRA Power  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager	Office of General Manager	56,676	-	56,676	-	-	56,676
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		145,783	-	145,783	-	-	145,783
Water Systems Operations	Office of the Manager	132,823	-	132,823	-	-	132,823
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Service	34,489	-	34,489	-	-	34,489
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	3,823,125	-	3,823,125	-	-	3,823,125
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	-	-	-	-	-	-
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	222,665	-	222,665	-	-	222,665
Water Systems Operations	Office of the Manager, Operations & Planning Sect	8,726	-	8,726	-	-	8,726
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		741,012	-	741,012	-	-	741,012
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	479,094	-	479,094	-	-	479,094
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		5,644,393	-	5,644,393	-	-	5,644,393
<b>GENERAL DISTRICT REQUIREMENTS</b>		-	-	-	-	-	-
<b>State Water Contract</b>		-	-	-	-	-	-
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>		-	-	-	-	-	-
<b>Colorado River Aqueduct Power Costs</b>		52,236,836	-	-	52,236,836	-	52,236,836
<b>Supply Programs</b>		-	-	-	-	-	-
<b>Demand Management</b>		-	-	-	-	-	-
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>		-	-	-	-	-	-
<b>Capital Financing</b>		-	-	-	-	-	-
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		5,057,779	-	5,057,779	-	-	5,057,779
G.O. Bond Debt Service		-	-	-	-	-	-
Debt Administration		100,639	-	100,639	-	-	100,639
Bond Defeasance		-	-	-	-	-	-
PAYGO		1,947,000	-	1,947,000	-	-	1,947,000
<b>Total Capital Financing Costs</b>		7,105,418	-	7,105,418	-	-	7,105,418
<b>Regional Recycled Water Program planning costs</b>		-	-	-	-	-	-
<b>Other Operating Costs</b>		-	-	-	-	-	-
Operating Equipment		84,023	-	84,023	-	-	84,023
Succession Planning Labor Pool		74,654	-	74,654	-	-	74,654
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		158,676	-	158,676	-	-	158,676
<b>Increase/(Decrease) in Required Reserves</b>		-	-	-	-	-	-
<b>Total General District Requirements</b>		59,500,931	-	7,264,094	-	52,236,836	59,500,931
<b>REQUIREMENTS BEFORE OFFSETS:</b>		65,145,323	-	12,908,487	-	52,236,836	65,145,323
<b>Revenue Offsets</b>		-	-	-	-	-	-
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		-	-	-	-	-	-
Interest on Investments		642,331	-	-	642,331	-	642,331
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		8,079,978	-	-	8,079,978	-	8,079,978
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		8,722,309	-	-	8,722,309	-	8,722,309
<b>NET REVENUE REQUIREMENTS:</b>		56,423,014	-	12,908,487	-	43,514,527	56,423,014

**Direct Labor used for A&G Allocation**  
Allocation of Revenue Requirements: C&A, CRA Power  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		53,863	-	53,863	-	-	53,863
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		118,019	-	118,019	-	-	118,019
Water Systems Operations	Office of the Manager	103,393	-	103,393	-	-	103,393
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Services	28,651	-	28,651	-	-	28,651
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	3,264,903	-	3,264,903	-	-	3,264,903
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	-	-	-	-	-	-
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	202,549	-	202,549	-	-	202,549
Water Systems Operations	Office of the Manager, Operations & Planning Section	7,549	-	7,549	-	-	7,549
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		664,375	-	664,375	-	-	664,375
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	319,300	-	319,300	-	-	319,300
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>4,762,601</b>	<b>-</b>	<b>4,762,601</b>	<b>-</b>	<b>-</b>	<b>4,762,601</b>

Allocation Percentages: C&A, CRA All Other  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					% Total
		Demand	Commodity	Standby	Variable Commodity	Hydroelectric	
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		488,537	0.0%	100.0%	0.0%	0.0%	100.0%
Office of General Manager	Board of Directors	-	0.0%	100.0%	0.0%	0.0%	100.0%
Bay Delta Initiatives	Bay Delta Initiatives	-	0.0%	100.0%	0.0%	0.0%	100.0%
External Affairs	Legislative Services	-	0.0%	100.0%	0.0%	0.0%	100.0%
External Affairs	Media Communications Services	-	0.0%	100.0%	0.0%	0.0%	100.0%
External Affairs	Manager, External Affairs/Special Projects	-	0.0%	100.0%	0.0%	0.0%	100.0%
External Affairs	Conservation & Community Services	-	0.0%	100.0%	0.0%	0.0%	100.0%
Human Resources		1,256,609	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager	1,179,169	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	452,916	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Treatment Section	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Operations Support Services	306,184	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Operations Support Services	1,206,175	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Desert Region / C&D CRA	29,348,273	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	System Operations Unit	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Power Operations and Planning	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Operations Planning & Programs Unit	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Jensen	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Diemer	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Mills	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Skinner	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Weymouth	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Water Quality Section	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	C&D, Eastern Unit	1,582,118	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	C&D, Western Unit	18,424	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	OSS, Manufacturing Services Unit	374,722	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Environmental Health & Safety Section	2,516,010	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	OSS, Fleet Services Unit	1,531,697	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	OSS, Power Support Unit	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Operations & Planning Section	77,465	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Security Team & Security Management	-	0.0%	100.0%	0.0%	0.0%	100.0%
Office of the Chief Financial Officer		-	0.0%	100.0%	0.0%	0.0%	100.0%
Business Technology	Office of Manager	-	0.0%	100.0%	0.0%	0.0%	100.0%
Engineering Services		1,431,787	0.0%	100.0%	0.0%	0.0%	100.0%
Business Technology	Administrative Services	-	0.0%	100.0%	0.0%	0.0%	100.0%
Business Technology	Information Technology	4,129,668	0.0%	100.0%	0.0%	0.0%	100.0%
Water Resources Management	Resource Planning & Development	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Resources Management	Resource Implementation	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Resources Management	Office of the Group Manager	-	0.0%	100.0%	0.0%	0.0%	100.0%
Ethics Office		-	0.0%	100.0%	0.0%	0.0%	100.0%
Real Property		2,753,483	0.0%	100.0%	0.0%	0.0%	100.0%
General Counsel		-	0.0%	100.0%	0.0%	0.0%	100.0%
General Auditor		-	0.0%	100.0%	0.0%	0.0%	100.0%
<b>Total Departmental O&amp;M</b>		<b>48,653,238</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	0.0%	0.0%	0.0%	0.0%	0.0%
Supply - Capital		-	0.0%	0.0%	0.0%	0.0%	0.0%
Power - O&M & Off-Aq Capital		-	0.0%	0.0%	0.0%	0.0%	0.0%
Power - Capital (less Off-Aq)		-	0.0%	0.0%	0.0%	0.0%	0.0%
Transmission - Capital - Commodity, Demand, & Standby		-	0.0%	0.0%	0.0%	0.0%	0.0%
Transmission - O&M - Commodity only		-	0.0%	0.0%	0.0%	0.0%	0.0%
Delta Conveyance		-	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Total State Water Contract</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Colorado River Aqueduct Power Costs</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Supply Programs</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Demand Management</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
Local Resources Program		-	0.0%	100.0%	0.0%	0.0%	100.0%
Future Supply Actions & Stormwater Pilot		-	0.0%	100.0%	0.0%	0.0%	100.0%
Conservation Program		-	0.0%	100.0%	0.0%	0.0%	100.0%
<b>Total Demand Management Costs</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Capital Financing</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		9,772,658	17.8%	49.3%	32.9%	0.0%	100.0%
G.O. Bond Debt Service		-	17.8%	49.3%	32.9%	0.0%	100.0%
Debt Administration		194,454	17.8%	49.3%	32.9%	0.0%	100.0%
Bond Defeasance		-	17.8%	49.3%	32.9%	0.0%	100.0%
PAYGO		3,762,000	17.8%	49.3%	32.9%	0.0%	100.0%
<b>Total Capital Financing Costs</b>		<b>13,729,113</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Regional Recycled Water Program planning costs</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Other Operating Costs</b>		<b>-</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>
Operating Equipment		724,253	0.0%	100.0%	0.0%	0.0%	100.0%
Succession Planning Labor Pool		643,496	0.0%	100.0%	0.0%	0.0%	100.0%
OPEB/PERS Pre-Funding		-	0.0%	100.0%	0.0%	0.0%	100.0%
<b>Total Other Operating Costs</b>		<b>1,367,749</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Increase/(Decrease) in Required Reserves</b>		<b>-</b>	<b>16.1%</b>	<b>53.9%</b>	<b>29.9%</b>	<b>0.0%</b>	<b>100.0%</b>
<b>Total General District Requirements</b>		<b>15,096,862</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>63,750,100</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Revenue Offsets</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
Property Taxes - MWD Portion of SWP GO Debt Service		-	0.0%	0.0%	0.0%	0.0%	0.0%
Property Taxes - MWD GO Debt Service		-	0.0%	0.0%	0.0%	0.0%	0.0%
Interest on Investments		628,574	17.8%	49.3%	32.9%	0.0%	100.0%
Hydro-Power Revenue		-	0.0%	0.0%	0.0%	0.0%	0.0%
CRA Power Revenue		-	0.0%	0.0%	0.0%	0.0%	0.0%
Wadsworth Pumping Plant (DVL) Power Revenue		-	0.0%	0.0%	0.0%	0.0%	0.0%
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	0.0%	0.0%	0.0%	0.0%	0.0%
Misc. allocated to supply (PVID Lease)		-	3.8%	89.1%	7.1%	0.0%	100.0%
Property Taxes - above GO Debt Service		-	17.8%	49.3%	32.9%	0.0%	100.0%
Revenue Reserve used for Revenue Bonds - I&P		-	50.0%	50.0%	0.0%	0.0%	100.0%
Annexation		-	17.8%	49.3%	32.9%	0.0%	100.0%
<b>Total Revenue Offsets</b>		<b>628,574</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>

Allocation of Revenue Requirements: C&A, CRA All Other  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		488,537	-	488,537	-	-	488,537
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		1,256,609	-	1,256,609	-	-	1,256,609
Water Systems Operations	Office of the Manager	1,179,169	-	1,179,169	-	-	1,179,169
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	452,916	-	452,916	-	-	452,916
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Service	306,184	-	306,184	-	-	306,184
Water Systems Operations	Operations Support Services	1,206,175	-	1,206,175	-	-	1,206,175
Water Systems Operations	Desert Region / C&D CRA	29,348,273	-	29,348,273	-	-	29,348,273
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	-	-	-	-	-	-
Water Systems Operations	C&D, Eastern Unit	1,582,118	-	1,582,118	-	-	1,582,118
Water Systems Operations	C&D, Western Unit	18,424	-	18,424	-	-	18,424
Water Systems Operations	OSS, Manufacturing Services Unit	374,722	-	374,722	-	-	374,722
Water Systems Operations	Environmental Health & Safety Section	2,516,010	-	2,516,010	-	-	2,516,010
Water Systems Operations	OSS, Fleet Services Unit	1,531,697	-	1,531,697	-	-	1,531,697
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Sect	77,465	-	77,465	-	-	77,465
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		1,431,787	-	1,431,787	-	-	1,431,787
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	4,129,668	-	4,129,668	-	-	4,129,668
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		2,753,483	-	2,753,483	-	-	2,753,483
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>48,653,238</b>		<b>48,653,238</b>			<b>48,653,238</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>							
<b>Colorado River Aqueduct Power Costs</b>							
<b>Supply Programs</b>							
<b>Demand Management</b>							
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>							
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		9,772,658	1,735,089	4,819,691	3,217,879	-	9,772,658
G.O. Bond Debt Service		-	-	-	-	-	-
Debt Administration		194,454	34,524	95,901	64,029	-	194,454
Bond Defeasance		-	-	-	-	-	-
PAYGO		3,762,000	667,925	1,855,348	1,238,727	-	3,762,000
<b>Total Capital Financing Costs</b>		<b>13,729,113</b>	<b>2,437,538</b>	<b>6,770,940</b>	<b>4,520,635</b>		<b>13,729,113</b>
<b>Regional Recycled Water Program planning costs</b>							
<b>Other Operating Costs</b>							
Operating Equipment		724,253	-	724,253	-	-	724,253
Succession Planning Labor Pool		643,496	-	643,496	-	-	643,496
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		<b>1,367,749</b>		<b>1,367,749</b>			<b>1,367,749</b>
<b>Increase/(Decrease) in Required Reserves</b>							
<b>Total General District Requirements</b>		<b>15,096,862</b>	<b>2,437,538</b>	<b>8,138,689</b>	<b>4,520,635</b>		<b>15,096,862</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>63,750,100</b>	<b>2,437,538</b>	<b>56,791,927</b>	<b>4,520,635</b>		<b>63,750,100</b>
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		-	-	-	-	-	-
Interest on Investments		628,574	111,600	310,001	206,973	-	628,574
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		<b>628,574</b>	<b>111,600</b>	<b>310,001</b>	<b>206,973</b>		<b>628,574</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>63,121,525</b>	<b>2,325,938</b>	<b>56,481,926</b>	<b>4,313,662</b>		<b>63,121,525</b>

**Direct Labor used for A&G Allocation**  
Allocation of Revenue Requirements: C&A, CRA All Other  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		464,283	-	464,283	-	-	464,283
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		1,017,295	-	1,017,295	-	-	1,017,295
Water Systems Operations	Office of the Manager	917,898	-	917,898	-	-	917,898
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	459,877	-	459,877	-	-	459,877
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Services	254,353	-	254,353	-	-	254,353
Water Systems Operations	Operations Support Services	1,098,419	-	1,098,419	-	-	1,098,419
Water Systems Operations	Desert Region / C&D CRA	24,799,200	-	24,799,200	-	-	24,799,200
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	-	-	-	-	-	-
Water Systems Operations	C&D, Eastern Unit	1,134,188	-	1,134,188	-	-	1,134,188
Water Systems Operations	C&D, Western Unit	13,961	-	13,961	-	-	13,961
Water Systems Operations	OSS, Manufacturing Services Unit	343,630	-	343,630	-	-	343,630
Water Systems Operations	Environmental Health & Safety Section	1,978,594	-	1,978,594	-	-	1,978,594
Water Systems Operations	OSS, Fleet Services Unit	955,296	-	955,296	-	-	955,296
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Section	67,014	-	67,014	-	-	67,014
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		1,283,707	-	1,283,707	-	-	1,283,707
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	2,752,286	-	2,752,286	-	-	2,752,286
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		1,245,704	-	1,245,704	-	-	1,245,704
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>38,785,706</b>	<b>-</b>	<b>38,785,706</b>	<b>-</b>	<b>-</b>	<b>38,785,706</b>





Allocation of Revenue Requirements: C&A State Water Project Power  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total
		Demand	Fixed Commodity		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager	Office of General Manager	-	-	-	-	-	-
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		-	-	-	-	-	-
Water Systems Operations	Office of the Manager	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Service	-	-	-	-	-	-
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	-	-	-	-	-	-
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Sect	-	-	-	-	-	-
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		-	-	-	-	-	-
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	-	-	-	-	-	-
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		-	-	-	-	-	-
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital	207,162,017	-	-	-	207,162,017	-	207,162,017
Power - Capital (less Off-Aq)	(13,041,702)	-	-	-	(13,041,702)	-	(13,041,702)
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>	194,120,315	-	-	-	194,120,315	-	194,120,315
<b>Colorado River Aqueduct Power Costs</b>							
<b>Supply Programs</b>							
<b>Demand Management</b>							
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>		-	-	-	-	-	-
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		-	-	-	-	-	-
G.O. Bond Debt Service		-	-	-	-	-	-
Debt Administration		-	-	-	-	-	-
Bond Defeasance		-	-	-	-	-	-
PAYGO		-	-	-	-	-	-
<b>Total Capital Financing Costs</b>		-	-	-	-	-	-
<b>Regional Recycled Water Program planning costs</b>							
<b>Other Operating Costs</b>							
Operating Equipment		-	-	-	-	-	-
Succession Planning Labor Pool		-	-	-	-	-	-
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		-	-	-	-	-	-
<b>Increase/(Decrease) in Required Reserves</b>							
<b>Total General District Requirements</b>	194,120,315	-	-	-	194,120,315	-	194,120,315
<b>REQUIREMENTS BEFORE OFFSETS:</b>	194,120,315	-	-	-	194,120,315	-	194,120,315
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		-	-	-	-	-	-
Interest on Investments	1,914,021	-	-	-	1,914,021	-	1,914,021
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>	1,914,021	-	-	-	1,914,021	-	1,914,021
<b>NET REVENUE REQUIREMENTS:</b>	192,206,294	-	-	-	192,206,294	-	192,206,294

**Direct Labor used for A&G Allocation**  
 Allocation of Revenue Requirements: C&A State Water Project Power  
 Fiscal Year Ending 2021

	Functionalization	Allocation Percentages				Total
		Demand	Fixed Commodity	Standby	Variable Commodity	
<b>Departmental O&amp;M</b>						
<b>Group</b>	<b>Item</b>					
Office of General Manager	Office of General Manager	-	-	-	-	-
Office of General Manager	Board of Directors	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-
Human Resources		-	-	-	-	-
Water Systems Operations	Office of the Manager	-	-	-	-	-
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Services	-	-	-	-	-
Water Systems Operations	Operations Support Services	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-
Water Systems Operations	Water Quality Section	-	-	-	-	-
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Section	-	-	-	-	-
Water Systems Operations	Security Team & Security Management	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-
Engineering Services		-	-	-	-	-
Business Technology	Administrative Services	-	-	-	-	-
Business Technology	Information Technology	-	-	-	-	-
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-
Ethics Office		-	-	-	-	-
Real Property		-	-	-	-	-
General Counsel		-	-	-	-	-
General Auditor		-	-	-	-	-
<b>Total Departmental O&amp;M</b>	-	-	-	-	-	-



Allocation of Revenue Requirements: C&A, State Water Project, All Other  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total
		Demand	Fixed Commodity	Standby	Variable Commodity	Hydroelectric	
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		195,116	-	195,116	-	-	195,116
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	9,666,300	-	9,666,300	-	-	9,666,300
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		501,876	-	501,876	-	-	501,876
Water Systems Operations	Office of the Manager	62,300	-	62,300	-	-	62,300
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	27,895	-	27,895	-	-	27,895
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Service	16,177	-	16,177	-	-	16,177
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	-	-	-	-	-	-
Water Systems Operations	C&D, Eastern Unit	1,742,332	-	1,742,332	-	-	1,742,332
Water Systems Operations	C&D, Western Unit	460,608	-	460,608	-	-	460,608
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Sect	4,093	-	4,093	-	-	4,093
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of the Manager	-	-	-	-	-	-
Engineering Services		618,795	-	618,795	-	-	618,795
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	1,649,344	-	1,649,344	-	-	1,649,344
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		4,486,728	-	4,486,728	-	-	4,486,728
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>19,431,564</b>	<b>-</b>	<b>19,431,564</b>	<b>-</b>	<b>-</b>	<b>19,431,564</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		92,002,797	16,334,656	45,374,046	30,294,095	-	92,002,797
Transmission - O&M - Commodity only		179,806,614	-	179,806,614	-	-	179,806,614
Delta Conveyance		25,000,000	4,438,630	12,329,529	8,231,841	-	25,000,000
<b>Total State Water Contract</b>		<b>296,809,411</b>	<b>20,773,287</b>	<b>237,510,188</b>	<b>38,525,936</b>	<b>-</b>	<b>296,809,411</b>
<b>Colorado River Aqueduct Power Costs</b>							
<b>Supply Programs</b>							
<b>Demand Management</b>							
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		4,223,584	-	4,223,584	-	-	4,223,584
G.O. Bond Debt Service		-	-	-	-	-	-
Debt Administration		84,040	-	84,040	-	-	84,040
Bond Defeasance		-	-	-	-	-	-
PAYGO		1,625,875	-	1,625,875	-	-	1,625,875
<b>Total Capital Financing Costs</b>		<b>5,933,500</b>	<b>-</b>	<b>5,933,500</b>	<b>-</b>	<b>-</b>	<b>5,933,500</b>
<b>Regional Recycled Water Program planning costs</b>							
<b>Other Operating Costs</b>							
Operating Equipment		289,259	-	289,259	-	-	289,259
Succession Planning Labor Pool		257,005	-	257,005	-	-	257,005
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		<b>546,264</b>	<b>-</b>	<b>546,264</b>	<b>-</b>	<b>-</b>	<b>546,264</b>
<b>Increase/(Decrease) in Required Reserves</b>							
<b>Total General District Requirements</b>		<b>303,289,174</b>	<b>20,773,287</b>	<b>243,989,952</b>	<b>38,525,936</b>	<b>-</b>	<b>303,289,174</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>322,720,738</b>	<b>20,773,287</b>	<b>263,421,515</b>	<b>38,525,936</b>	<b>-</b>	<b>322,720,738</b>
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		7,554,898	1,341,336	3,725,933	2,487,629	-	7,554,898
Property Taxes - MWD GO Debt Service		-	-	-	-	-	-
Interest on Investments		3,182,018	564,952	1,569,311	1,047,755	-	3,182,018
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		83,924,776	14,900,442	41,390,118	27,634,216	-	83,924,776
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		<b>94,661,692</b>	<b>16,806,730</b>	<b>46,685,362</b>	<b>31,169,599</b>	<b>-</b>	<b>94,661,692</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>228,059,046</b>	<b>3,966,556</b>	<b>216,736,153</b>	<b>7,356,337</b>	<b>-</b>	<b>228,059,046</b>

**Direct Labor used for A&G Allocation**  
 Allocation of Revenue Requirements: C&A, State Water Project, All Other  
 Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager	Office of General Manager	185,429	-	185,429	-	-	185,429
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	5,217,217	-	5,217,217	-	-	5,217,217
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		406,296	-	406,296	-	-	406,296
Water Systems Operations	Office of the Manager	48,496	-	48,496	-	-	48,496
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	28,323	-	28,323	-	-	28,323
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Services	13,438	-	13,438	-	-	13,438
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	-	-	-	-	-	-
Water Systems Operations	C&D, Eastern Unit	1,249,042	-	1,249,042	-	-	1,249,042
Water Systems Operations	C&D, Western Unit	349,035	-	349,035	-	-	349,035
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Section	3,541	-	3,541	-	-	3,541
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		554,797	-	554,797	-	-	554,797
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	1,099,233	-	1,099,233	-	-	1,099,233
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		2,029,843	-	2,029,843	-	-	2,029,843
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>11,184,691</b>	<b>-</b>	<b>11,184,691</b>	<b>-</b>	<b>-</b>	<b>11,184,691</b>



Allocation of Revenue Requirements: C&A - Other C&A  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager	Office of General Manager	72,459	-	72,459	-	-	72,459
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources	Office of the Manager	186,378	-	186,378	-	-	186,378
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Service	-	-	-	-	-	-
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	-	-	-	-	-	-
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Sect	-	-	-	-	-	-
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O	Office of Manager	-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services	Administrative Services	6,344,826	-	6,344,826	-	-	6,344,826
Business Technology	Information Technology	612,506	-	612,506	-	-	612,506
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>7,216,169</b>		<b>7,216,169</b>			<b>7,216,169</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>							
<b>Colorado River Aqueduct Power Costs</b>							
<b>Supply Programs</b>							
<b>Demand Management</b>							
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>							
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		43,306,609	7,688,881	21,358,003	14,259,724	-	43,306,609
G.O. Bond Debt Service		-	-	-	-	-	-
Debt Administration		861,706	152,992	424,977	283,737	-	861,706
Bond Defeasance		-	-	-	-	-	-
PAYGO		16,670,946	2,959,847	8,221,797	5,489,303	-	16,670,946
<b>Total Capital Financing Costs</b>		<b>60,839,261</b>	<b>10,801,720</b>	<b>30,004,777</b>	<b>20,032,764</b>		<b>60,839,261</b>
<b>Regional Recycled Water Program planning costs</b>							
<b>Other Operating Costs</b>							
Operating Equipment		107,420	-	107,420	-	-	107,420
Succession Planning Labor Pool		95,442	-	95,442	-	-	95,442
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		<b>202,862</b>		<b>202,862</b>			<b>202,862</b>
<b>Increase/(Decrease) in Required Reserves</b>							
<b>Total General District Requirements</b>		<b>61,042,124</b>	<b>10,801,720</b>	<b>30,207,640</b>	<b>20,032,764</b>		<b>61,042,124</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>68,258,293</b>	<b>10,801,720</b>	<b>37,423,809</b>	<b>20,032,764</b>		<b>68,258,293</b>
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		-	-	-	-	-	-
Interest on Investments		673,025	673,025	-	-	-	673,025
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		<b>673,025</b>	<b>673,025</b>				<b>673,025</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>67,585,268</b>	<b>10,128,695</b>	<b>37,423,809</b>	<b>20,032,764</b>		<b>67,585,268</b>

**Direct Labor used for A&G Allocation**  
 Allocation of Revenue Requirements: C&A - Other C&A  
 Fiscal Year Ending 2021

	Functionalization	Allocation Percentages				Total
		Demand	Fixed Commodity	Standby	Variable Commodity	
<b>Departmental O&amp;M</b>						
<b>Group</b>	<b>Item</b>					
Office of General Manager		68,862	-	68,862	-	-
Office of General Manager	Board of Directors	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-
Human Resources		150,884	-	150,884	-	-
Water Systems Operations	Office of the Manager	-	-	-	-	-
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Services	-	-	-	-	-
Water Systems Operations	Operations Support Services	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-
Water Systems Operations	Water Quality Section	-	-	-	-	-
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Section	-	-	-	-	-
Water Systems Operations	Security Team & Security Management	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-
Engineering Services		5,688,626	-	5,688,626	-	-
Business Technology	Administrative Services	-	-	-	-	-
Business Technology	Information Technology	408,215	-	408,215	-	-
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-
Ethics Office		-	-	-	-	-
Real Property		-	-	-	-	-
General Counsel		-	-	-	-	-
General Auditor		-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>6,316,585</b>	<b>-</b>	<b>6,316,585</b>	<b>-</b>	<b>6,316,585</b>





Allocation of Revenue Requirements: Storage - Other Than Power, Emergency  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		71,751	-	71,751	-	-	71,751
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		184,558	-	184,558	-	-	184,558
Water Systems Operations	Office of the Manager	22,843	-	22,843	-	-	22,843
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Service	5,931	-	5,931	-	-	5,931
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	711,563	-	711,563	-	-	711,563
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Sect	1,501	-	1,501	-	-	1,501
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		5,040,577	-	5,040,577	-	-	5,040,577
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	606,525	-	606,525	-	-	606,525
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		500,458	-	500,458	-	-	500,458
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>7,145,707</b>	-	<b>7,145,707</b>	-	-	<b>7,145,707</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>							
<b>Colorado River Aqueduct Power Costs</b>							
<b>Supply Programs</b>							
<b>Demand Management</b>							
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>							
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		34,404,457	-	34,404,457	-	-	34,404,457
G.O. Bond Debt Service		-	-	-	-	-	-
Debt Administration		684,573	-	684,573	-	-	684,573
Bond Defeasance		-	-	-	-	-	-
PAYGO		13,244,049	-	13,244,049	-	-	13,244,049
<b>Total Capital Financing Costs</b>		<b>48,333,079</b>	-	<b>48,333,079</b>	-	-	<b>48,333,079</b>
<b>Regional Recycled Water Program planning costs</b>							
<b>Other Operating Costs</b>							
Operating Equipment		106,371	-	106,371	-	-	106,371
Succession Planning Labor Pool		94,510	-	94,510	-	-	94,510
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		<b>200,881</b>	-	<b>200,881</b>	-	-	<b>200,881</b>
<b>Increase/(Decrease) in Required Reserves</b>							
<b>Total General District Requirements</b>		<b>48,533,960</b>	-	<b>48,533,960</b>	-	-	<b>48,533,960</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>55,679,667</b>	-	<b>7,145,707</b>	<b>48,533,960</b>	-	<b>55,679,667</b>
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		-	-	-	-	-	-
Interest on Investments		549,000	-	549,000	-	-	549,000
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		<b>549,000</b>	-	<b>549,000</b>	-	-	<b>549,000</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>55,130,667</b>	-	<b>7,145,707</b>	<b>47,984,960</b>	-	<b>55,130,667</b>

**Direct Labor used for A&G Allocation**  
Allocation of Revenue Requirements: Storage - Other Than Power, Emergency  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		68,189	-	68,189	-	-	68,189
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		149,410	-	149,410	-	-	149,410
Water Systems Operations	Office of the Manager	17,781	-	17,781	-	-	17,781
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Services	4,927	-	4,927	-	-	4,927
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	596,330	-	596,330	-	-	596,330
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Section	1,298	-	1,298	-	-	1,298
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		4,519,266	-	4,519,266	-	-	4,519,266
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	404,229	-	404,229	-	-	404,229
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		226,412	-	226,412	-	-	226,412
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>5,987,843</b>	<b>-</b>	<b>5,987,843</b>	<b>-</b>	<b>-</b>	<b>5,987,843</b>



Allocation of Revenue Requirements: Storage - Other Than Power, Drought  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		50,898	-	50,898	-	-	50,898
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		130,919	-	130,919	-	-	130,919
Water Systems Operations	Office of the Manager	22,843	-	22,843	-	-	22,843
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Service	5,931	-	5,931	-	-	5,931
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	711,563	-	711,563	-	-	711,563
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Sect	1,501	-	1,501	-	-	1,501
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		2,855,144	-	2,855,144	-	-	2,855,144
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	430,247	-	430,247	-	-	430,247
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		859,860	-	859,860	-	-	859,860
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>5,068,905</b>		<b>5,068,905</b>			<b>5,068,905</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>							
<b>Colorado River Aqueduct Power Costs</b>							
<b>Supply Programs</b>		<b>31,402,463</b>		<b>31,402,463</b>			<b>31,402,463</b>
<b>Demand Management</b>							
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>							
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		19,487,785	-	19,487,785	-	-	19,487,785
G.O. Bond Debt Service		-	-	-	-	-	-
Debt Administration		387,764	-	387,764	-	-	387,764
Bond Defeasance		-	-	-	-	-	-
PAYGO		7,501,853	-	7,501,853	-	-	7,501,853
<b>Total Capital Financing Costs</b>		<b>27,377,402</b>		<b>27,377,402</b>			<b>27,377,402</b>
<b>Regional Recycled Water Program planning costs</b>							
<b>Other Operating Costs</b>							
Operating Equipment		75,456	-	75,456	-	-	75,456
Succession Planning Labor Pool		67,042	-	67,042	-	-	67,042
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		<b>142,498</b>		<b>142,498</b>			<b>142,498</b>
<b>Increase/(Decrease) in Required Reserves</b>							
<b>Total General District Requirements</b>		<b>58,922,363</b>		<b>58,922,363</b>			<b>58,922,363</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>63,991,268</b>		<b>63,991,268</b>			<b>63,991,268</b>
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		-	-	-	-	-	-
Interest on Investments		630,952	-	630,952	-	-	630,952
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		<b>630,952</b>		<b>630,952</b>			<b>630,952</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>63,360,316</b>		<b>63,360,316</b>			<b>63,360,316</b>

**Direct Labor used for A&G Allocation**  
 Allocation of Revenue Requirements: Storage - Other Than Power, Drought  
 Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		48,371	-	48,371	-	-	48,371
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		105,986	-	105,986	-	-	105,986
Water Systems Operations	Office of the Manager	17,781	-	17,781	-	-	17,781
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Services	4,927	-	4,927	-	-	4,927
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	596,330	-	596,330	-	-	596,330
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Section	1,298	-	1,298	-	-	1,298
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		2,559,857	-	2,559,857	-	-	2,559,857
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	286,745	-	286,745	-	-	286,745
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		389,009	-	389,009	-	-	389,009
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>4,010,305</b>	<b>-</b>	<b>4,010,305</b>	<b>-</b>	<b>-</b>	<b>4,010,305</b>



Allocation of Revenue Requirements: Storage - Other Than Power, Regulatory  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		36,641	-	36,641	-	-	36,641
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		94,249	-	94,249	-	-	94,249
Water Systems Operations	Office of the Manager	22,843	-	22,843	-	-	22,843
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Service	5,931	-	5,931	-	-	5,931
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	711,563	-	711,563	-	-	711,563
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Sect	1,501	-	1,501	-	-	1,501
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of the Manager	-	-	-	-	-	-
Engineering Services		2,263,752	-	2,263,752	-	-	2,263,752
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	309,734	-	309,734	-	-	309,734
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		202,888	-	202,888	-	-	202,888
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>3,649,102</b>		<b>3,649,102</b>			<b>3,649,102</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>							
<b>Colorado River Aqueduct Power Costs</b>							
<b>Supply Programs</b>							
<b>Demand Management</b>							
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>							
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		15,451,236	5,751,618	6,197,165	3,502,453	-	15,451,236
G.O. Bond Debt Service		-	-	-	-	-	-
Debt Administration		307,446	114,445	123,310	69,691	-	307,446
Bond Defeasance		-	-	-	-	-	-
PAYGO		5,947,977	2,214,094	2,385,608	1,348,275	-	5,947,977
<b>Total Capital Financing Costs</b>		<b>21,706,659</b>	<b>8,080,157</b>	<b>8,706,083</b>	<b>4,920,419</b>		<b>21,706,659</b>
<b>Regional Recycled Water Program planning costs</b>							
<b>Other Operating Costs</b>							
Operating Equipment		54,321	-	54,321	-	-	54,321
Succession Planning Labor Pool		48,264	-	48,264	-	-	48,264
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		<b>102,584</b>		<b>102,584</b>			<b>102,584</b>
<b>Increase/(Decrease) in Required Reserves</b>							
<b>Total General District Requirements</b>		<b>21,809,243</b>	<b>8,080,157</b>	<b>8,808,667</b>	<b>4,920,419</b>		<b>21,809,243</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>25,458,345</b>	<b>8,080,157</b>	<b>12,457,769</b>	<b>4,920,419</b>		<b>25,458,345</b>
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		-	-	-	-	-	-
Interest on Investments		251,019	-	251,019	-	-	251,019
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		<b>251,019</b>		<b>251,019</b>			<b>251,019</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>25,207,326</b>	<b>8,080,157</b>	<b>12,206,750</b>	<b>4,920,419</b>		<b>25,207,326</b>



**Direct Labor used for A&G Allocation**  
 Allocation of Revenue Requirements: Storage - Other Than Power, Regulatory  
 Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager	Office of General Manager	34,822	-	34,822	-	-	34,822
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		76,299	-	76,299	-	-	76,299
Water Systems Operations	Office of the Manager	17,781	-	17,781	-	-	17,781
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Services	4,927	-	4,927	-	-	4,927
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	596,330	-	596,330	-	-	596,330
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Section	1,298	-	1,298	-	-	1,298
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		2,029,628	-	2,029,628	-	-	2,029,628
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	206,428	-	206,428	-	-	206,428
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		91,789	-	91,789	-	-	91,789
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>3,059,303</b>	<b>-</b>	<b>3,059,303</b>	<b>-</b>	<b>-</b>	<b>3,059,303</b>



Allocation of Revenue Requirements: Storage - Power  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total
		Demand	Fixed Commodity		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager	Office of General Manager	-	-	-	-	-	-
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		-	-	-	-	-	-
Water Systems Operations	Office of the Manager	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Service	-	-	-	-	-	-
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	-	-	-	-	-	-
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Sect	-	-	-	-	-	-
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		-	-	-	-	-	-
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	-	-	-	-	-	-
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		-	-	-	-	-	-
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>		-	-	-	-	-	-
<b>Colorado River Aqueduct Power Costs</b>							
<b>Supply Programs</b>							
<b>Demand Management</b>							
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>		-	-	-	-	-	-
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		-	-	-	-	-	-
G.O. Bond Debt Service		-	-	-	-	-	-
Debt Administration		-	-	-	-	-	-
Bond Defeasance		-	-	-	-	-	-
PAYGO		-	-	-	-	-	-
<b>Total Capital Financing Costs</b>		-	-	-	-	-	-
<b>Regional Recycled Water Program planning costs</b>							
<b>Other Operating Costs</b>							
Operating Equipment		-	-	-	-	-	-
Succession Planning Labor Pool		-	-	-	-	-	-
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		-	-	-	-	-	-
<b>Increase/(Decrease) in Required Reserves</b>							
<b>Total General District Requirements</b>							
<b>REQUIREMENTS BEFORE OFFSETS:</b>							
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		-	-	-	-	-	-
Interest on Investments		-	-	-	-	-	-
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue	469,889	-	-	-	469,889	-	469,889
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>	469,889	-	-	-	469,889	-	469,889
<b>NET REVENUE REQUIREMENTS:</b>	(469,889)	-	-	-	(469,889)	-	(469,889)

**Direct Labor used for A&G Allocation**  
 Allocation of Revenue Requirements: Storage - Power  
 Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total
		Demand	Fixed Commodity	Standby	Variable Commodity	Hydroelectric	
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager	Office of General Manager	-	-	-	-	-	-
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		-	-	-	-	-	-
Water Systems Operations	Office of the Manager	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	-	-	-	-	-	-
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Section	-	-	-	-	-	-
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		-	-	-	-	-	-
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	-	-	-	-	-	-
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>	-	-	-	-	-	-	-



Allocation of Revenue Requirements: Treatment - Jensen  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		267,313	-	267,313	-	-	267,313
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		687,579	-	687,579	-	-	687,579
Water Systems Operations	Office of the Manager	521,336	-	521,336	-	-	521,336
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	198,794	-	198,794	-	-	198,794
Water Systems Operations	Office of the Manager, Operations Support Service	135,371	-	135,371	-	-	135,371
Water Systems Operations	Operations Support Services	83,446	-	83,446	-	-	83,446
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	15,260,780	-	9,328,853	-	5,931,927	15,260,780
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	2,661,772	-	2,661,772	-	-	2,661,772
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	97,112	-	97,112	-	-	97,112
Water Systems Operations	Environmental Health & Safety Section	1,492,803	-	1,492,803	-	-	1,492,803
Water Systems Operations	OSS, Fleet Services Unit	503,758	-	503,758	-	-	503,758
Water Systems Operations	OSS, Power Support Unit	235,388	-	235,388	-	-	235,388
Water Systems Operations	Office of the Manager, Operations & Planning Sect	34,249	-	34,249	-	-	34,249
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of the Manager	-	-	-	-	-	-
Engineering Services		2,181,172	-	2,181,172	-	-	2,181,172
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	2,259,631	-	2,259,631	-	-	2,259,631
Water Resources Managemen	Resource Planning & Development	974	-	974	-	-	974
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	122	-	122	-	-	122
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>26,621,599</b>	<b>-</b>	<b>20,689,672</b>	<b>-</b>	<b>5,931,927</b>	<b>26,621,599</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>							
<b>Colorado River Aqueduct Power Costs</b>							
<b>Supply Programs</b>							
<b>Demand Management</b>							
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>							
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		14,887,588	4,642,433	4,786,013	5,459,141	-	14,887,588
G.O. Bond Debt Service		377,943	117,855	121,500	138,588	-	377,943
Debt Administration		296,230	92,374	95,231	108,625	-	296,230
Bond Defeasance		-	-	-	-	-	-
PAYGO		5,731,000	1,787,112	1,842,383	2,101,505	-	5,731,000
<b>Total Capital Financing Costs</b>		<b>21,292,760</b>	<b>6,639,774</b>	<b>6,845,128</b>	<b>7,807,859</b>	<b>-</b>	<b>21,292,760</b>
<b>Regional Recycled Water Program planning costs</b>							
<b>Other Operating Costs</b>							
Operating Equipment		396,290	-	396,290	-	-	396,290
Succession Planning Labor Pool		352,102	-	352,102	-	-	352,102
OPEB/RS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		<b>748,391</b>	<b>-</b>	<b>748,391</b>	<b>-</b>	<b>-</b>	<b>748,391</b>
<b>Increase/(Decrease) in Required Reserves</b>							
<b>Total General District Requirements</b>		<b>22,041,152</b>	<b>6,639,774</b>	<b>7,593,519</b>	<b>7,807,859</b>	<b>-</b>	<b>22,041,152</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>48,662,751</b>	<b>6,639,774</b>	<b>28,283,191</b>	<b>7,807,859</b>	<b>5,931,927</b>	<b>48,662,751</b>
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		377,943	-	-	377,943	-	377,943
Interest on Investments		479,813	149,621	154,249	175,943	-	479,813
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		<b>857,756</b>	<b>149,621</b>	<b>154,249</b>	<b>553,886</b>	<b>-</b>	<b>857,756</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>47,804,995</b>	<b>6,490,152</b>	<b>28,128,943</b>	<b>7,253,973</b>	<b>5,931,927</b>	<b>47,804,995</b>

**Direct Labor used for A&G Allocation**  
Allocation of Revenue Requirements: Treatment - Jensen  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		254,042	-	254,042	-	-	254,042
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		556,634	-	556,634	-	-	556,634
Water Systems Operations	Office of the Manager	405,822	-	405,822	-	-	405,822
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	71,286	-	71,286	-	-	71,286
Water Systems Operations	Office of the Manager, Operations Support Services	112,455	-	112,455	-	-	112,455
Water Systems Operations	Operations Support Services	75,991	-	75,991	-	-	75,991
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	9,440,584	-	9,440,584	-	-	9,440,584
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	2,230,715	-	2,230,715	-	-	2,230,715
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	89,055	-	89,055	-	-	89,055
Water Systems Operations	Environmental Health & Safety Section	1,173,942	-	1,173,942	-	-	1,173,942
Water Systems Operations	OSS, Fleet Services Unit	314,186	-	314,186	-	-	314,186
Water Systems Operations	OSS, Power Support Unit	214,123	-	214,123	-	-	214,123
Water Systems Operations	Office of the Manager, Operations & Planning Section	29,628	-	29,628	-	-	29,628
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		1,955,589	-	1,955,589	-	-	1,955,589
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	1,505,969	-	1,505,969	-	-	1,505,969
Water Resources Managemen	Resource Planning & Development	862	-	862	-	-	862
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	123	-	123	-	-	123
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>18,431,006</b>	<b>-</b>	<b>18,431,006</b>	<b>-</b>	<b>-</b>	<b>18,431,006</b>





Allocation of Revenue Requirements: Treatment - Weymouth  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total
		Demand	Fixed Commodity	Standby	Variable Commodity	Hydroelectric	
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		298,129	-	298,129	-	-	298,129
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		766,845	-	766,845	-	-	766,845
Water Systems Operations	Office of the Manager	547,074	-	547,074	-	-	547,074
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	212,837	-	212,837	-	-	212,837
Water Systems Operations	Office of the Manager, Operations Support Service	142,054	-	142,054	-	-	142,054
Water Systems Operations	Operations Support Services	83,446	-	83,446	-	-	83,446
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	17,643,102	-	9,813,680	7,829,423	-	17,643,102
Water Systems Operations	Water Quality Section	2,661,772	-	2,661,772	-	-	2,661,772
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	97,112	-	97,112	-	-	97,112
Water Systems Operations	Environmental Health & Safety Section	1,492,803	-	1,492,803	-	-	1,492,803
Water Systems Operations	OSS, Fleet Services Unit	503,758	-	503,758	-	-	503,758
Water Systems Operations	OSS, Power Support Unit	235,388	-	235,388	-	-	235,388
Water Systems Operations	Office of the Manager, Operations & Planning Sect	35,940	-	35,940	-	-	35,940
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of the Manager	-	-	-	-	-	-
Engineering Services		2,449,109	-	2,449,109	-	-	2,449,109
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	2,520,126	-	2,520,126	-	-	2,520,126
Water Resources Managemen	Resource Planning & Development	974	-	974	-	-	974
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	122	-	122	-	-	122
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		29,690,591	-	21,861,168	7,829,423	-	29,690,591
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>		-	-	-	-	-	-
<b>Colorado River Aqueduct Power Costs</b>							
<b>Supply Programs</b>							
<b>Demand Management</b>							
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>		-	-	-	-	-	-
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		16,716,389	5,212,713	5,373,931	6,129,746	-	16,716,389
G.O. Bond Debt Service		424,369	132,332	136,425	155,612	-	424,369
Debt Administration		332,619	103,722	106,929	121,968	-	332,619
Bond Defeasance		-	-	-	-	-	-
PAYGO		6,435,000	2,006,642	2,068,703	2,359,655	-	6,435,000
<b>Total Capital Financing Costs</b>		23,908,378	7,455,408	7,685,988	8,766,981	-	23,908,378
<b>Regional Recycled Water Program planning costs</b>							
<b>Other Operating Costs</b>							
Operating Equipment		441,975	-	441,975	-	-	441,975
Succession Planning Labor Pool		392,693	-	392,693	-	-	392,693
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		834,668	-	834,668	-	-	834,668
<b>Increase/(Decrease) in Required Reserves</b>							
		-	-	-	-	-	-
<b>Total General District Requirements</b>		24,743,045	7,455,408	8,520,655	8,766,981	-	24,743,045
<b>REQUIREMENTS BEFORE OFFSETS:</b>		54,433,636	7,455,408	30,381,824	8,766,981	7,829,423	54,433,636
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		424,369	-	-	424,369	-	424,369
Interest on Investments		536,714	167,365	172,541	196,808	-	536,714
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		961,083	167,365	172,541	621,177	-	961,083
<b>NET REVENUE REQUIREMENTS:</b>		53,472,553	7,288,043	30,209,283	8,145,804	7,829,423	53,472,553

**Direct Labor used for A&G Allocation**  
 Allocation of Revenue Requirements: Treatment - Weymouth  
 Fiscal Year Ending 2021

	Functionalization	Allocation Percentages				Total
		Demand	Fixed Commodity	Standby	Variable Commodity	
<b>Departmental O&amp;M</b>						
<b>Group</b>	<b>Item</b>					
Office of General Manager		283,328	283,328	-	-	283,328
Office of General Manager	Board of Directors	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-
Human Resources		620,803	620,803	-	-	620,803
Water Systems Operations	Office of the Manager	425,858	425,858	-	-	425,858
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	76,322	76,322	-	-	76,322
Water Systems Operations	Office of the Manager, Operations Support Services	118,007	118,007	-	-	118,007
Water Systems Operations	Operations Support Services	75,991	75,991	-	-	75,991
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	10,107,476	10,107,476	-	-	10,107,476
Water Systems Operations	Water Quality Section	2,230,715	2,230,715	-	-	2,230,715
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	89,055	89,055	-	-	89,055
Water Systems Operations	Environmental Health & Safety Section	1,173,942	1,173,942	-	-	1,173,942
Water Systems Operations	OSS, Fleet Services Unit	314,186	314,186	-	-	314,186
Water Systems Operations	OSS, Power Support Unit	214,123	214,123	-	-	214,123
Water Systems Operations	Office of the Manager, Operations & Planning Section	31,091	31,091	-	-	31,091
Water Systems Operations	Security Team & Security Management	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-
Engineering Services		2,195,814	2,195,814	-	-	2,195,814
Business Technology	Administrative Services	-	-	-	-	-
Business Technology	Information Technology	1,679,580	1,679,580	-	-	1,679,580
Water Resources Managemen	Resource Planning & Development	862	862	-	-	862
Water Resources Managemen	Resource Implementation	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	123	123	-	-	123
Ethics Office		-	-	-	-	-
Real Property		-	-	-	-	-
General Counsel		-	-	-	-	-
General Auditor		-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>19,637,277</b>	<b>19,637,277</b>	<b>-</b>	<b>-</b>	<b>19,637,277</b>



Allocation of Revenue Requirements: Treatment - Diemer  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		308,449	-	308,449	-	-	308,449
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		793,390	-	793,390	-	-	793,390
Water Systems Operations	Office of the Manager	514,266	-	514,266	-	-	514,266
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	194,937	-	194,937	-	-	194,937
Water Systems Operations	Office of the Manager, Operations Support Service	133,535	-	133,535	-	-	133,535
Water Systems Operations	Operations Support Services	83,446	-	83,446	-	-	83,446
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	18,176,952	-	9,087,707	9,089,245	-	18,176,952
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	2,661,772	-	2,661,772	-	-	2,661,772
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	97,112	-	97,112	-	-	97,112
Water Systems Operations	Environmental Health & Safety Section	1,492,803	-	1,492,803	-	-	1,492,803
Water Systems Operations	OSS, Fleet Services Unit	503,758	-	503,758	-	-	503,758
Water Systems Operations	OSS, Power Support Unit	235,388	-	235,388	-	-	235,388
Water Systems Operations	Office of the Manager, Operations & Planning Sect	33,784	-	33,784	-	-	33,784
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		2,880,319	-	2,880,319	-	-	2,880,319
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	2,607,364	-	2,607,364	-	-	2,607,364
Water Resources Managemen	Resource Planning & Development	974	-	974	-	-	974
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	122	-	122	-	-	122
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		30,718,372	-	21,629,128	9,089,245	-	30,718,372
<b>GENERAL DISTRICT REQUIREMENTS</b>		-	-	-	-	-	-
<b>State Water Contract</b>		-	-	-	-	-	-
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>		-	-	-	-	-	-
<b>Colorado River Aqueduct Power Costs</b>		-	-	-	-	-	-
<b>Supply Programs</b>		-	-	-	-	-	-
<b>Demand Management</b>		-	-	-	-	-	-
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>		-	-	-	-	-	-
<b>Capital Financing</b>		-	-	-	-	-	-
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		19,659,617	6,130,507	6,320,110	7,209,000	-	19,659,617
G.O. Bond Debt Service		499,087	155,632	160,445	183,011	-	499,087
Debt Administration		391,183	121,984	125,756	143,443	-	391,183
Bond Defeasance		-	-	-	-	-	-
PAYGO		7,568,000	2,359,948	2,432,936	2,775,116	-	7,568,000
<b>Total Capital Financing Costs</b>		28,117,887	8,768,070	9,039,247	10,310,570	-	28,117,887
<b>Regional Recycled Water Program planning costs</b>		-	-	-	-	-	-
<b>Other Operating Costs</b>		-	-	-	-	-	-
Operating Equipment		457,274	-	457,274	-	-	457,274
Succession Planning Labor Pool		406,286	-	406,286	-	-	406,286
OPEB/RS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		863,561	-	863,561	-	-	863,561
<b>Increase/(Decrease) in Required Reserves</b>		-	-	-	-	-	-
<b>Total General District Requirements</b>		28,981,448	8,768,070	9,902,808	10,310,570	-	28,981,448
<b>REQUIREMENTS BEFORE OFFSETS:</b>		59,699,820	8,768,070	31,531,936	10,310,570	9,089,245	59,699,820
<b>Revenue Offsets</b>		-	-	-	-	-	-
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		499,087	-	-	499,087	-	499,087
Interest on Investments		588,639	183,557	189,234	215,848	-	588,639
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		1,087,726	183,557	189,234	714,936	-	1,087,726
<b>NET REVENUE REQUIREMENTS:</b>		58,612,094	8,584,513	31,342,702	9,595,634	9,089,245	58,612,094

**Direct Labor used for A&G Allocation**  
 Allocation of Revenue Requirements: Treatment - Diemer  
 Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		293,136	-	293,136	-	-	293,136
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		642,293	-	642,293	-	-	642,293
Water Systems Operations	Office of the Manager	400,319	-	400,319	-	-	400,319
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	69,903	-	69,903	-	-	69,903
Water Systems Operations	Office of the Manager, Operations Support Services	110,930	-	110,930	-	-	110,930
Water Systems Operations	Operations Support Services	75,991	-	75,991	-	-	75,991
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	9,257,413	-	9,257,413	-	-	9,257,413
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	2,230,715	-	2,230,715	-	-	2,230,715
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	89,055	-	89,055	-	-	89,055
Water Systems Operations	Environmental Health & Safety Section	1,173,942	-	1,173,942	-	-	1,173,942
Water Systems Operations	OSS, Fleet Services Unit	314,186	-	314,186	-	-	314,186
Water Systems Operations	OSS, Power Support Unit	214,123	-	214,123	-	-	214,123
Water Systems Operations	Office of the Manager, Operations & Planning Section	29,226	-	29,226	-	-	29,226
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		2,582,428	-	2,582,428	-	-	2,582,428
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	1,737,721	-	1,737,721	-	-	1,737,721
Water Resources Managemen	Resource Planning & Development	862	-	862	-	-	862
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	123	-	123	-	-	123
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>19,222,367</b>	<b>-</b>	<b>19,222,367</b>	<b>-</b>	<b>-</b>	<b>19,222,367</b>



Allocation of Revenue Requirements: Treatment - Mills  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		211,580	-	211,580	-	-	211,580
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		544,223	-	544,223	-	-	544,223
Water Systems Operations	Office of the Manager	499,143	-	499,143	-	-	499,143
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	186,686	-	186,686	-	-	186,686
Water Systems Operations	Office of the Manager, Operations Support Service	129,608	-	129,608	-	-	129,608
Water Systems Operations	Operations Support Services	83,446	-	83,446	-	-	83,446
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	11,820,377	-	8,685,040	-	3,135,336	11,820,377
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	2,661,772	-	2,661,772	-	-	2,661,772
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	97,112	-	97,112	-	-	97,112
Water Systems Operations	Environmental Health & Safety Section	1,492,803	-	1,492,803	-	-	1,492,803
Water Systems Operations	OSS, Fleet Services Unit	503,758	-	503,758	-	-	503,758
Water Systems Operations	OSS, Power Support Unit	235,388	-	235,388	-	-	235,388
Water Systems Operations	Office of the Manager, Operations & Planning Sect	32,791	-	32,791	-	-	32,791
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		782,877	-	782,877	-	-	782,877
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	1,788,513	-	1,788,513	-	-	1,788,513
Water Resources Managemen	Resource Planning & Development	974	-	974	-	-	974
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	122	-	122	-	-	122
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		21,071,175	-	17,935,839	-	3,135,336	21,071,175
<b>GENERAL DISTRICT REQUIREMENTS</b>		-	-	-	-	-	-
<b>State Water Contract</b>		-	-	-	-	-	-
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>		-	-	-	-	-	-
<b>Colorado River Aqueduct Power Costs</b>		-	-	-	-	-	-
<b>Supply Programs</b>		-	-	-	-	-	-
<b>Demand Management</b>		-	-	-	-	-	-
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>		-	-	-	-	-	-
<b>Capital Financing</b>		-	-	-	-	-	-
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		5,343,529	1,666,286	1,717,821	1,959,423	-	5,343,529
G.O. Bond Debt Service		135,653	42,301	43,609	49,743	-	135,653
Debt Administration		106,324	33,155	34,181	38,988	-	106,324
Bond Defeasance		-	-	-	-	-	-
PAYGO		2,057,000	641,439	661,278	754,283	-	2,057,000
<b>Total Capital Financing Costs</b>		7,642,507	2,383,182	2,456,888	2,802,437	-	7,642,507
<b>Regional Recycled Water Program planning costs</b>		-	-	-	-	-	-
<b>Other Operating Costs</b>		-	-	-	-	-	-
Operating Equipment		313,666	-	313,666	-	-	313,666
Succession Planning Labor Pool		278,691	-	278,691	-	-	278,691
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		592,357	-	592,357	-	-	592,357
<b>Increase/(Decrease) in Required Reserves</b>		-	-	-	-	-	-
<b>Total General District Requirements</b>		8,234,864	2,383,182	3,049,245	2,802,437	-	8,234,864
<b>REQUIREMENTS BEFORE OFFSETS:</b>		29,306,039	2,383,182	20,985,084	2,802,437	3,135,336	29,306,039
<b>Revenue Offsets</b>		-	-	-	-	-	-
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		135,653	-	-	135,653	-	135,653
Interest on Investments		288,957	90,106	92,893	105,958	-	288,957
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		424,610	90,106	92,893	241,611	-	424,610
<b>NET REVENUE REQUIREMENTS:</b>		28,881,429	2,293,076	20,892,191	2,560,826	3,135,336	28,881,429

**Direct Labor used for A&G Allocation**  
Allocation of Revenue Requirements: Treatment - Mills  
Fiscal Year Ending 2021

		Functionalization	Allocation Percentages				Total
			Demand	Fixed Commodity	Standby	Variable Commodity	
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		201,076	-	201,076	-	-	201,076
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		440,579	-	440,579	-	-	440,579
Water Systems Operations	Office of the Manager	388,547	-	388,547	-	-	388,547
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	66,944	-	66,944	-	-	66,944
Water Systems Operations	Office of the Manager, Operations Support Services	107,668	-	107,668	-	-	107,668
Water Systems Operations	Operations Support Services	75,991	-	75,991	-	-	75,991
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	8,865,580	-	8,865,580	-	-	8,865,580
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	2,230,715	-	2,230,715	-	-	2,230,715
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	89,055	-	89,055	-	-	89,055
Water Systems Operations	Environmental Health & Safety Section	1,173,942	-	1,173,942	-	-	1,173,942
Water Systems Operations	OSS, Fleet Services Unit	314,186	-	314,186	-	-	314,186
Water Systems Operations	OSS, Power Support Unit	214,123	-	214,123	-	-	214,123
Water Systems Operations	Office of the Manager, Operations & Planning Section	28,367	-	28,367	-	-	28,367
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	701,910	-	701,910	-	-	701,910
Engineering Services		-	-	-	-	-	-
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	1,191,985	-	1,191,985	-	-	1,191,985
Water Resources Managemen	Resource Planning & Development	862	-	862	-	-	862
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	123	-	123	-	-	123
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>16,091,653</b>	<b>-</b>	<b>16,091,653</b>	<b>-</b>	<b>-</b>	<b>16,091,653</b>





Allocation of Revenue Requirements: Treatment - Skinner  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		250,658	-	250,658	-	-	250,658
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		644,739	-	644,739	-	-	644,739
Water Systems Operations	Office of the Manager	485,446	-	485,446	-	-	485,446
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	179,213	-	179,213	-	-	179,213
Water Systems Operations	Office of the Manager, Operations Support Service	126,052	-	126,052	-	-	126,052
Water Systems Operations	Operations Support Services	83,446	-	83,446	-	-	83,446
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	13,706,254	-	8,260,015	5,446,240	-	13,706,254
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	2,661,772	-	2,661,772	-	-	2,661,772
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	97,112	-	97,112	-	-	97,112
Water Systems Operations	Environmental Health & Safety Section	1,492,803	-	1,492,803	-	-	1,492,803
Water Systems Operations	OSS, Fleet Services Unit	503,758	-	503,758	-	-	503,758
Water Systems Operations	OSS, Power Support Unit	235,388	-	235,388	-	-	235,388
Water Systems Operations	Office of the Manager, Operations & Planning Sect	31,891	-	31,891	-	-	31,891
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of the Manager	-	-	-	-	-	-
Engineering Services		2,344,446	-	2,344,446	-	-	2,344,446
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	2,118,843	-	2,118,843	-	-	2,118,843
Water Resources Managemen	Resource Planning & Development	974	-	974	-	-	974
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	122	-	122	-	-	122
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		24,962,918	-	19,516,678	5,446,240	-	24,962,918
<b>GENERAL DISTRICT REQUIREMENTS</b>		-	-	-	-	-	-
<b>State Water Contract</b>		-	-	-	-	-	-
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>		-	-	-	-	-	-
<b>Colorado River Aqueduct Power Costs</b>		-	-	-	-	-	-
<b>Supply Programs</b>		-	-	-	-	-	-
<b>Demand Management</b>		-	-	-	-	-	-
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>		-	-	-	-	-	-
<b>Capital Financing</b>		-	-	-	-	-	-
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		16,002,013	4,989,947	5,144,276	5,867,791	-	16,002,013
G.O. Bond Debt Service		406,234	126,677	130,595	148,962	-	406,234
Debt Administration		318,405	99,289	102,360	116,756	-	318,405
Bond Defeasance		-	-	-	-	-	-
PAYGO		6,160,000	1,920,888	1,980,297	2,258,815	-	6,160,000
<b>Total Capital Financing Costs</b>		22,886,652	7,136,801	7,357,527	8,392,324	-	22,886,652
<b>Regional Recycled Water Program planning costs</b>		-	-	-	-	-	-
<b>Other Operating Costs</b>		-	-	-	-	-	-
Operating Equipment		371,599	-	371,599	-	-	371,599
Succession Planning Labor Pool		330,164	-	330,164	-	-	330,164
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		701,762	-	701,762	-	-	701,762
<b>Increase/(Decrease) in Required Reserves</b>		-	-	-	-	-	-
<b>Total General District Requirements</b>		23,588,414	7,136,801	8,059,289	8,392,324	-	23,588,414
<b>REQUIREMENTS BEFORE OFFSETS:</b>		48,551,332	7,136,801	27,575,967	8,392,324	5,446,240	48,551,332
<b>Revenue Offsets</b>		-	-	-	-	-	-
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		406,234	-	-	406,234	-	406,234
Interest on Investments		478,715	149,279	153,896	175,540	-	478,715
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		884,949	149,279	153,896	581,774	-	884,949
<b>NET REVENUE REQUIREMENTS:</b>		47,666,383	6,987,522	27,422,071	7,810,550	5,446,240	47,666,383

**Direct Labor used for A&G Allocation**  
Allocation of Revenue Requirements: Treatment - Skinner  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager	Office of General Manager	238,213	-	238,213	-	-	238,213
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		521,952	-	521,952	-	-	521,952
Water Systems Operations	Office of the Manager	377,885	-	377,885	-	-	377,885
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	64,265	-	64,265	-	-	64,265
Water Systems Operations	Office of the Manager, Operations Support Services	104,713	-	104,713	-	-	104,713
Water Systems Operations	Operations Support Services	75,991	-	75,991	-	-	75,991
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	8,510,693	-	8,510,693	-	-	8,510,693
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	2,230,715	-	2,230,715	-	-	2,230,715
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	89,055	-	89,055	-	-	89,055
Water Systems Operations	Environmental Health & Safety Section	1,173,942	-	1,173,942	-	-	1,173,942
Water Systems Operations	OSS, Fleet Services Unit	314,186	-	314,186	-	-	314,186
Water Systems Operations	OSS, Power Support Unit	214,123	-	214,123	-	-	214,123
Water Systems Operations	Office of the Manager, Operations & Planning Section	27,589	-	27,589	-	-	27,589
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		2,101,976	-	2,101,976	-	-	2,101,976
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	1,412,138	-	1,412,138	-	-	1,412,138
Water Resources Managemen	Resource Planning & Development	862	-	862	-	-	862
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	123	-	123	-	-	123
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>17,458,422</b>	<b>-</b>	<b>17,458,422</b>	<b>-</b>	<b>-</b>	<b>17,458,422</b>



Allocation of Revenue Requirements: Distribution  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		1,045,033	-	1,045,033	-	-	1,045,033
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		2,688,021	-	2,688,021	-	-	2,688,021
Water Systems Operations	Office of the Manager	2,282,684	-	2,282,684	-	-	2,282,684
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	382,462	-	382,462	-	-	382,462
Water Systems Operations	Office of the Manager, Treatment Section	143,259	-	143,259	-	-	143,259
Water Systems Operations	Office of the Manager, Operations Support Service	592,724	-	592,724	-	-	592,724
Water Systems Operations	Operations Support Services	5,863,983	-	5,863,983	-	-	5,863,983
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	8,952,725	-	8,952,725	-	-	8,952,725
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	2,248,146	-	2,248,146	-	-	2,248,146
Water Systems Operations	Treatment Diemer	2,677,743	-	2,677,743	-	-	2,677,743
Water Systems Operations	Treatment Mills	1,741,322	-	1,741,322	-	-	1,741,322
Water Systems Operations	Treatment Skinner	2,019,141	-	2,019,141	-	-	2,019,141
Water Systems Operations	Treatment Weymouth	2,599,099	-	2,599,099	-	-	2,599,099
Water Systems Operations	Water Quality Section	-	-	-	-	-	-
Water Systems Operations	C&D, Eastern Unit	15,901,282	-	15,901,282	-	-	15,901,282
Water Systems Operations	C&D, Western Unit	13,871,988	-	13,871,988	-	-	13,871,988
Water Systems Operations	OSS, Manufacturing Services Unit	6,201,537	-	6,201,537	-	-	6,201,537
Water Systems Operations	Environmental Health & Safety Section	4,923,998	-	4,923,998	-	-	4,923,998
Water Systems Operations	OSS, Fleet Services Unit	6,001,984	-	6,001,984	-	-	6,001,984
Water Systems Operations	OSS, Power Support Unit	4,516,910	-	4,516,910	-	-	4,516,910
Water Systems Operations	Office of the Manager, Operations & Planning Sect	149,960	-	149,960	-	-	149,960
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of the Manager	-	-	-	-	-	-
Engineering Services		7,342,872	-	7,342,872	-	-	7,342,872
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	8,833,799	-	8,833,799	-	-	8,833,799
Water Resources Managemen	Resource Planning & Development	988,926	-	988,926	-	-	988,926
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	124,273	-	124,273	-	-	124,273
Ethics Office		-	-	-	-	-	-
Real Property		1,980,575	-	1,980,575	-	-	1,980,575
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		104,074,446	-	104,074,446	-	-	104,074,446
<b>GENERAL DISTRICT REQUIREMENTS</b>		-	-	-	-	-	-
<b>State Water Contract</b>		-	-	-	-	-	-
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>		-	-	-	-	-	-
<b>Colorado River Aqueduct Power Costs</b>		-	-	-	-	-	-
<b>Supply Programs</b>		-	-	-	-	-	-
<b>Demand Management</b>		-	-	-	-	-	-
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>		-	-	-	-	-	-
<b>Capital Financing</b>		-	-	-	-	-	-
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		50,118,770	18,656,372	20,101,581	11,360,816	-	50,118,770
G.O. Bond Debt Service		5,410,889	2,014,167	2,170,193	1,226,529	-	5,410,889
Debt Administration		997,253	371,221	399,977	226,055	-	997,253
Bond Defeasance		-	-	-	-	-	-
PAYGO		19,293,299	7,181,800	7,738,135	4,373,364	-	19,293,299
<b>Total Capital Financing Costs</b>		75,820,211	28,223,560	30,409,887	17,186,764	-	75,820,211
<b>Regional Recycled Water Program planning costs</b>		9,373,710	-	9,373,710	-	-	9,373,710
<b>Other Operating Costs</b>		-	-	-	-	-	-
Operating Equipment		1,549,254	-	1,549,254	-	-	1,549,254
Succession Planning Labor Pool		1,376,506	-	1,376,506	-	-	1,376,506
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		2,925,761	-	2,925,761	-	-	2,925,761
<b>Increase/(Decrease) in Required Reserves</b>		-	-	-	-	-	-
<b>Total General District Requirements</b>		88,119,682	28,223,560	42,709,358	17,186,764	-	88,119,682
<b>REQUIREMENTS BEFORE OFFSETS:</b>		192,194,128	28,223,560	146,783,804	17,186,764	-	192,194,128
<b>Revenue Offsets</b>		-	-	-	-	-	-
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		5,410,889	2,014,167	2,170,193	1,226,529	-	5,410,889
Interest on Investments		1,895,029	-	1,895,029	-	-	1,895,029
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		7,305,918	2,014,167	4,065,222	1,226,529	-	7,305,918
<b>NET REVENUE REQUIREMENTS:</b>		184,888,210	26,209,393	142,718,582	15,960,236	-	184,888,210

**Direct Labor used for A&G Allocation**  
Allocation of Revenue Requirements: Distribution  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		993,150	-	993,150	-	-	993,150
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		2,176,103	-	2,176,103	-	-	2,176,103
Water Systems Operations	Office of the Manager	1,776,904	-	1,776,904	-	-	1,776,904
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	388,340	-	388,340	-	-	388,340
Water Systems Operations	Office of the Manager, Treatment Section	51,372	-	51,372	-	-	51,372
Water Systems Operations	Office of the Manager, Operations Support Services	492,387	-	492,387	-	-	492,387
Water Systems Operations	Operations Support Services	5,340,110	-	5,340,110	-	-	5,340,110
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	7,685,732	-	7,685,732	-	-	7,685,732
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	1,390,742	-	1,390,742	-	-	1,390,742
Water Systems Operations	Treatment Diemer	1,363,758	-	1,363,758	-	-	1,363,758
Water Systems Operations	Treatment Mills	1,306,035	-	1,306,035	-	-	1,306,035
Water Systems Operations	Treatment Skinner	1,253,755	-	1,253,755	-	-	1,253,755
Water Systems Operations	Treatment Weymouth	1,488,986	-	1,488,986	-	-	1,488,986
Water Systems Operations	Water Quality Section	-	-	-	-	-	-
Water Systems Operations	C&D, Eastern Unit	11,399,304	-	11,399,304	-	-	11,399,304
Water Systems Operations	C&D, Western Unit	10,511,763	-	10,511,763	-	-	10,511,763
Water Systems Operations	OSS, Manufacturing Services Unit	5,686,969	-	5,686,969	-	-	5,686,969
Water Systems Operations	Environmental Health & Safety Section	3,872,240	-	3,872,240	-	-	3,872,240
Water Systems Operations	OSS, Fleet Services Unit	3,743,346	-	3,743,346	-	-	3,743,346
Water Systems Operations	OSS, Power Support Unit	4,108,856	-	4,108,856	-	-	4,108,856
Water Systems Operations	Office of the Manager, Operations & Planning Section	129,728	-	129,728	-	-	129,728
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		6,583,451	-	6,583,451	-	-	6,583,451
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	5,887,433	-	5,887,433	-	-	5,887,433
Water Resources Managemen	Resource Planning & Development	875,092	-	875,092	-	-	875,092
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	124,508	-	124,508	-	-	124,508
Ethics Office		-	-	-	-	-	-
Real Property		896,033	-	896,033	-	-	896,033
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>79,526,099</b>	<b>-</b>	<b>79,526,099</b>	<b>-</b>	<b>-</b>	<b>79,526,099</b>

Allocation Percentages: Hydroelectric  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					% Total
		Fixed			Variable Commodity	Hydroelectric	
		Demand	Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		52,994	0.0%	0.0%	0.0%	0.0%	100.0%
Office of General Manager	Board of Directors	-	0.0%	0.0%	0.0%	0.0%	100.0%
Bay Delta Initiatives	Bay Delta Initiatives	-	0.0%	0.0%	0.0%	0.0%	100.0%
External Affairs	Legislative Services	-	0.0%	0.0%	0.0%	0.0%	100.0%
External Affairs	Media Communications Services	-	0.0%	0.0%	0.0%	0.0%	100.0%
External Affairs	Manager, External Affairs/Special Projects	-	0.0%	0.0%	0.0%	0.0%	100.0%
External Affairs	Conservation & Community Services	-	0.0%	0.0%	0.0%	0.0%	100.0%
Human Resources		136,310	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager	128,477	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	20,848	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Treatment Section	-	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Operations Support Services	33,360	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Operations Support Services	83,446	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Desert Region / C&D CRA	-	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	System Operations Unit	-	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Power Operations and Planning	42,522	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Operations Planning & Programs Unit	-	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Jensen	-	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Diemer	-	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Mills	-	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Skinner	-	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Weymouth	-	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Water Quality Section	-	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	C&D, Eastern Unit	801,072	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	C&D, Western Unit	818,348	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	OSS, Manufacturing Services Unit	124,739	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Environmental Health & Safety Section	94,519	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	OSS, Fleet Services Unit	-	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	OSS, Power Support Unit	2,019,886	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Operations & Planning Section	8,440	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Security Team & Security Management	-	0.0%	0.0%	0.0%	0.0%	100.0%
Office of the Chief Financial Officer		-	0.0%	0.0%	0.0%	0.0%	100.0%
Business Technology	Office of Manager	-	0.0%	0.0%	0.0%	0.0%	100.0%
Engineering Services		464,703	0.0%	0.0%	0.0%	0.0%	100.0%
Business Technology	Administrative Services	-	0.0%	0.0%	0.0%	0.0%	100.0%
Business Technology	Information Technology	447,963	0.0%	0.0%	0.0%	0.0%	100.0%
Water Resources Management	Resource Planning & Development	-	0.0%	0.0%	0.0%	0.0%	100.0%
Water Resources Management	Resource Implementation	-	0.0%	0.0%	0.0%	0.0%	100.0%
Water Resources Management	Office of the Group Manager	-	0.0%	0.0%	0.0%	0.0%	100.0%
Ethics Office		-	0.0%	0.0%	0.0%	0.0%	100.0%
Real Property		-	0.0%	0.0%	0.0%	0.0%	100.0%
General Counsel		-	0.0%	0.0%	0.0%	0.0%	100.0%
General Auditor		-	0.0%	0.0%	0.0%	0.0%	100.0%
<b>Total Departmental O&amp;M</b>		<b>5,277,627</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	0.0%	0.0%	0.0%	0.0%	0.0%
Supply - Capital		-	0.0%	0.0%	0.0%	0.0%	0.0%
Power - O&M & Off-Aq Capital		-	0.0%	0.0%	0.0%	0.0%	0.0%
Power - Capital (less Off-Aq)		-	0.0%	0.0%	0.0%	0.0%	0.0%
Transmission - Capital - Commodity, Demand, & Standby		-	0.0%	0.0%	0.0%	0.0%	0.0%
Transmission - O&M - Commodity only		-	0.0%	0.0%	0.0%	0.0%	0.0%
Delta Conveyance		-	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Total State Water Contract</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Colorado River Aqueduct Power Costs</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Supply Programs</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Demand Management</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
Local Resources Program		-	0.0%	0.0%	0.0%	100.0%	100.0%
Future Supply Actions & Stormwater Pilot		-	0.0%	0.0%	0.0%	100.0%	100.0%
Conservation Program		-	0.0%	0.0%	0.0%	100.0%	100.0%
<b>Total Demand Management Costs</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Capital Financing</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		3,171,828	0.0%	0.0%	0.0%	100.0%	100.0%
G.O. Bond Debt Service		-	0.0%	0.0%	0.0%	100.0%	100.0%
Debt Administration		63,112	0.0%	0.0%	0.0%	100.0%	100.0%
Bond Defeasance		-	0.0%	0.0%	0.0%	100.0%	100.0%
PAYGO		1,221,000	0.0%	0.0%	0.0%	100.0%	100.0%
<b>Total Capital Financing Costs</b>		<b>4,455,940</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Regional Recycled Water Program planning costs</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Other Operating Costs</b>							
Operating Equipment		78,563	0.0%	0.0%	0.0%	100.0%	100.0%
Succession Planning Labor Pool		69,803	0.0%	0.0%	0.0%	100.0%	100.0%
OPEB/PERS Pre-Funding		-	0.0%	0.0%	0.0%	100.0%	100.0%
<b>Total Other Operating Costs</b>		<b>148,366</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Increase/(Decrease) in Required Reserves</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	<b>100.0%</b>
<b>Total General District Requirements</b>		<b>4,604,306</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>9,881,933</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	0.0%	0.0%	0.0%	100.0%	100.0%
Property Taxes - MWD GO Debt Service		-	0.0%	0.0%	0.0%	100.0%	100.0%
Interest on Investments		97,436	0.0%	0.0%	0.0%	100.0%	100.0%
Hydro-Power Revenue		12,203,593	0.0%	0.0%	0.0%	100.0%	100.0%
CRA Power Revenue		-	0.0%	0.0%	0.0%	100.0%	100.0%
Wadsworth Pumping Plant (DVL) Power Revenue		-	0.0%	0.0%	0.0%	100.0%	100.0%
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	0.0%	0.0%	0.0%	100.0%	100.0%
Misc. allocated to supply (PVID Lease)		-	0.0%	0.0%	0.0%	100.0%	100.0%
Property Taxes - above GO Debt Service		-	0.0%	0.0%	0.0%	100.0%	100.0%
Revenue Reserve used for Revenue Bonds - I&P		-	0.0%	0.0%	0.0%	100.0%	100.0%
Annexation		-	0.0%	0.0%	0.0%	100.0%	100.0%
<b>Total Revenue Offsets</b>		<b>12,301,028</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>(2,419,095)</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>

Allocation of Revenue Requirements: Hydroelectric  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		52,994	-	-	-	52,994	52,994
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		136,310	-	-	-	136,310	136,310
Water Systems Operations	Office of the Manager	128,477	-	-	-	128,477	128,477
Water Systems Operations	Office of the Manager, Conveyance & Distribution	20,848	-	-	-	20,848	20,848
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Service	33,360	-	-	-	33,360	33,360
Water Systems Operations	Operations Support Services	83,446	-	-	-	83,446	83,446
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	42,522	-	-	-	42,522	42,522
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	-	-	-	-	-	-
Water Systems Operations	C&D, Eastern Unit	801,072	-	-	-	801,072	801,072
Water Systems Operations	C&D, Western Unit	818,348	-	-	-	818,348	818,348
Water Systems Operations	OSS, Manufacturing Services Unit	124,739	-	-	-	124,739	124,739
Water Systems Operations	Environmental Health & Safety Section	94,519	-	-	-	94,519	94,519
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	2,019,886	-	-	-	2,019,886	2,019,886
Water Systems Operations	Office of the Manager, Operations & Planning Sect	8,440	-	-	-	8,440	8,440
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		464,703	-	-	-	464,703	464,703
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	447,963	-	-	-	447,963	447,963
Water Resources Management	Resource Planning & Development	-	-	-	-	-	-
Water Resources Management	Resource Implementation	-	-	-	-	-	-
Water Resources Management	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>5,277,627</b>	-	-	-	<b>5,277,627</b>	<b>5,277,627</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>							
<b>Colorado River Aqueduct Power Costs</b>							
<b>Supply Programs</b>							
<b>Demand Management</b>							
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>							
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		3,171,828	-	-	-	3,171,828	3,171,828
G.O. Bond Debt Service		-	-	-	-	-	-
Debt Administration		63,112	-	-	-	63,112	63,112
Bond Defeasance		-	-	-	-	-	-
PAYGO		1,221,000	-	-	-	1,221,000	1,221,000
<b>Total Capital Financing Costs</b>		<b>4,455,940</b>	-	-	-	<b>4,455,940</b>	<b>4,455,940</b>
<b>Regional Recycled Water Program planning costs</b>							
<b>Other Operating Costs</b>							
Operating Equipment		78,563	-	-	-	78,563	78,563
Succession Planning Labor Pool		69,803	-	-	-	69,803	69,803
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		<b>148,366</b>	-	-	-	<b>148,366</b>	<b>148,366</b>
<b>Increase/(Decrease) in Required Reserves</b>							
<b>Total General District Requirements</b>		<b>4,604,306</b>	-	-	-	<b>4,604,306</b>	<b>4,604,306</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>9,881,933</b>	-	-	-	<b>9,881,933</b>	<b>9,881,933</b>
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		-	-	-	-	-	-
Interest on Investments		97,436	-	-	-	97,436	97,436
Hydro-Power Revenue		12,203,593	-	-	-	12,203,593	12,203,593
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		<b>12,301,028</b>	-	-	-	<b>12,301,028</b>	<b>12,301,028</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>(2,419,095)</b>	-	-	-	<b>(2,419,095)</b>	<b>(2,419,095)</b>



**Direct Labor used for A&G Allocation**  
 Allocation of Revenue Requirements: Hydroelectric  
 Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total	
		Fixed			Variable Commodity	Other		Hydroelectric
		Demand	Commodity	Standby				
<b>Departmental O&amp;M</b>								
<b>Group</b>	<b>Item</b>							
Office of General Manager		50,363	-	-	-	-	50,363	50,363
Office of General Manager	Board of Directors	-	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-	-
Human Resources		110,350	-	-	-	-	110,350	110,350
Water Systems Operations	Office of the Manager	100,010	-	-	-	-	100,010	100,010
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	21,169	-	-	-	-	21,169	21,169
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Services	27,713	-	-	-	-	27,713	27,713
Water Systems Operations	Operations Support Services	75,991	-	-	-	-	75,991	75,991
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	36,313	-	-	-	-	36,313	36,313
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	-	-	-	-	-	-	-
Water Systems Operations	C&D, Eastern Unit	574,272	-	-	-	-	574,272	574,272
Water Systems Operations	C&D, Western Unit	620,118	-	-	-	-	620,118	620,118
Water Systems Operations	OSS, Manufacturing Services Unit	114,389	-	-	-	-	114,389	114,389
Water Systems Operations	Environmental Health & Safety Section	74,330	-	-	-	-	74,330	74,330
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	1,837,411	-	-	-	-	1,837,411	1,837,411
Water Systems Operations	Office of the Manager, Operations & Planning Section	7,302	-	-	-	-	7,302	7,302
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-	-
Engineering Services		416,642	-	-	-	-	416,642	416,642
Business Technology	Administrative Services	-	-	-	-	-	-	-
Business Technology	Information Technology	298,552	-	-	-	-	298,552	298,552
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-	-
Real Property		-	-	-	-	-	-	-
General Counsel		-	-	-	-	-	-	-
General Auditor		-	-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>4,364,926</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,364,926</b>	<b>4,364,926</b>



Allocation of Revenue Requirements: Demand Management  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total	
		Demand	Fixed		Variable Commodity	Other		Hydroelectric
			Commodity	Standby				
<b>Departmental O&amp;M</b>								
<b>Group</b>	<b>Item</b>							
Office of General Manager		111,694	-	111,694	-	-	111,694	
Office of General Manager	Board of Directors	-	-	-	-	-	-	
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-	
External Affairs	Legislative Services	-	-	-	-	-	-	
External Affairs	Media Communications Services	-	-	-	-	-	-	
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-	
External Affairs	Conservation & Community Services	2,903,372	-	2,903,372	-	-	2,903,372	
Human Resources		287,298	-	287,298	-	-	287,298	
Water Systems Operations	Office of the Manager	-	-	-	-	-	-	
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-	
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-	
Water Systems Operations	Office of the Manager, Operations Support Service	-	-	-	-	-	-	
Water Systems Operations	Operations Support Services	-	-	-	-	-	-	
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-	
Water Systems Operations	System Operations Unit	-	-	-	-	-	-	
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-	
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-	
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-	
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-	
Water Systems Operations	Treatment Mills	-	-	-	-	-	-	
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-	
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-	
Water Systems Operations	Water Quality Section	-	-	-	-	-	-	
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-	
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-	
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-	
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-	
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-	
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-	
Water Systems Operations	Office of the Manager, Operations & Planning Sect	-	-	-	-	-	-	
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-	
Office of the Chief Financial O		-	-	-	-	-	-	
Business Technology	Office of Manager	-	-	-	-	-	-	
Engineering Services		-	-	-	-	-	-	
Business Technology	Administrative Services	-	-	-	-	-	-	
Business Technology	Information Technology	944,163	-	944,163	-	-	944,163	
Water Resources Management	Resource Planning & Development	107,174	-	107,174	-	-	107,174	
Water Resources Management	Resource Implementation	6,002,128	-	6,002,128	-	-	6,002,128	
Water Resources Management	Office of the Group Manager	767,724	-	767,724	-	-	767,724	
Ethics Office		-	-	-	-	-	-	
Real Property		-	-	-	-	-	-	
General Counsel		-	-	-	-	-	-	
General Auditor		-	-	-	-	-	-	
<b>Total Departmental O&amp;M</b>		<b>11,123,552</b>		<b>11,123,552</b>			<b>11,123,552</b>	
<b>GENERAL DISTRICT REQUIREMENTS</b>								
<b>State Water Contract</b>								
Supply - O&M		-	-	-	-	-	-	
Supply - Capital		-	-	-	-	-	-	
Power - O&M & Off-Aq Capital		-	-	-	-	-	-	
Power - Capital (less Off-Aq)		-	-	-	-	-	-	
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-	
Transmission - O&M - Commodity only		-	-	-	-	-	-	
Delta Conveyance		-	-	-	-	-	-	
<b>Total State Water Contract</b>								
<b>Colorado River Aqueduct Power Costs</b>								
<b>Supply Programs</b>								
<b>Demand Management</b>								
Local Resources Program		19,259,257	-	19,259,257	-	-	19,259,257	
Future Supply Actions & Stormwater Pilot		4,272,500	-	4,272,500	-	-	4,272,500	
Conservation Program		25,000,000	-	25,000,000	-	-	25,000,000	
<b>Total Demand Management Costs</b>		<b>48,531,757</b>		<b>48,531,757</b>			<b>48,531,757</b>	
<b>Capital Financing</b>								
Revenue Bond Debt Service net of BABS Interest Subsidy Payment		-	-	-	-	-	-	
G.O. Bond Debt Service		-	-	-	-	-	-	
Debt Administration		-	-	-	-	-	-	
Bond Defeasance		-	-	-	-	-	-	
PAYGO		-	-	-	-	-	-	
<b>Total Capital Financing Costs</b>								
<b>Regional Recycled Water Program planning costs</b>								
<b>Other Operating Costs</b>								
Operating Equipment		165,585	-	165,585	-	-	165,585	
Succession Planning Labor Pool		147,122	-	147,122	-	-	147,122	
OPEB\PEPS Pre-Funding		-	-	-	-	-	-	
<b>Total Other Operating Costs</b>		<b>312,707</b>		<b>312,707</b>			<b>312,707</b>	
<b>Increase/(Decrease) in Required Reserves</b>								
<b>Total General District Requirements</b>		<b>48,844,465</b>		<b>48,844,465</b>			<b>48,844,465</b>	
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>59,968,017</b>		<b>59,968,017</b>			<b>59,968,017</b>	
<b>Revenue Offsets</b>								
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-	
Property Taxes - MWD GO Debt Service		-	-	-	-	-	-	
Interest on Investments		591,283	-	591,283	-	-	591,283	
Hydro-Power Revenue		-	-	-	-	-	-	
CRA Power Revenue		-	-	-	-	-	-	
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-	
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-	
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-	
Property Taxes - above GO Debt Service		-	-	-	-	-	-	
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-	
Annexation		-	-	-	-	-	-	
<b>Total Revenue Offsets</b>		<b>591,283</b>		<b>591,283</b>			<b>591,283</b>	
<b>NET REVENUE REQUIREMENTS:</b>		<b>59,376,734</b>		<b>59,376,734</b>			<b>59,376,734</b>	

**Direct Labor used for A&G Allocation**  
Allocation of Revenue Requirements: Demand Management  
Fiscal Year Ending 2021

		Functionalization	Allocation Percentages				Total	
			Fixed			Variable Commodity		Hydroelectric
			Demand	Commodity	Standby			
<b>Departmental O&amp;M</b>								
<b>Group</b>	<b>Item</b>							
Office of General Manager	Office of General Manager	106,149	-	106,149	-	-	106,149	
Office of General Manager	Board of Directors	-	-	-	-	-	-	
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-	
External Affairs	Legislative Services	-	-	-	-	-	-	
External Affairs	Media Communications Services	-	-	-	-	-	-	
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-	
External Affairs	Conservation & Community Services	1,808,021	-	1,808,021	-	-	1,808,021	
Human Resources		232,583	-	232,583	-	-	232,583	
Water Systems Operations	Office of the Manager	-	-	-	-	-	-	
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	-	-	-	-	-	
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-	
Water Systems Operations	Office of the Manager, Operations Support Services	-	-	-	-	-	-	
Water Systems Operations	Operations Support Services	-	-	-	-	-	-	
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-	
Water Systems Operations	System Operations Unit	-	-	-	-	-	-	
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-	
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-	
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-	
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-	
Water Systems Operations	Treatment Mills	-	-	-	-	-	-	
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-	
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-	
Water Systems Operations	Water Quality Section	-	-	-	-	-	-	
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-	
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-	
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-	
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-	
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-	
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-	
Water Systems Operations	Office of the Manager, Operations & Planning Section	-	-	-	-	-	-	
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-	
Office of the Chief Financial O		-	-	-	-	-	-	
Business Technology	Office of Manager	-	-	-	-	-	-	
Engineering Services		-	-	-	-	-	-	
Business Technology	Administrative Services	-	-	-	-	-	-	
Business Technology	Information Technology	629,253	-	629,253	-	-	629,253	
Water Resources Management	Resource Planning & Development	94,838	-	94,838	-	-	94,838	
Water Resources Management	Resource Implementation	3,766,277	-	3,766,277	-	-	3,766,277	
Water Resources Management	Office of the Group Manager	769,174	-	769,174	-	-	769,174	
Ethics Office		-	-	-	-	-	-	
Real Property		-	-	-	-	-	-	
General Counsel		-	-	-	-	-	-	
General Auditor		-	-	-	-	-	-	
<b>Total Departmental O&amp;M</b>		<b>7,406,294</b>	<b>-</b>	<b>7,406,294</b>	<b>-</b>	<b>-</b>	<b>7,406,294</b>	



Allocation of Revenue Requirements: Administrative & General  
Fiscal Year Ending 2021

	Functionalization	Allocation Percentages					Total	
		Fixed			Variable Commodity	Other		Hydroelectric
		Demand	Commodity	Standby				
<b>Departmental O&amp;M</b>								
<b>Group</b>	<b>Item</b>							
Office of General Manager		-	1,814,957	-	-	25,069	1,840,025	
Office of General Manager	Board of Directors	-	-	-	-	-	-	
Bay Delta Initiatives	Bay Delta Initiatives	-	2,596,936	-	-	-	2,596,936	
External Affairs	Legislative Services	-	-	-	-	-	-	
External Affairs	Media Communications Services	-	-	-	-	-	-	
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-	
External Affairs	Conservation & Community Services	-	-	-	-	-	-	
Human Resources		-	899,985	-	-	-	899,985	
Water Systems Operations	Office of the Manager	-	3,976,772	-	-	54,928	4,031,700	
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	2,610,914	-	-	49,781	2,660,696	
Water Systems Operations	Office of the Manager, Treatment Section	-	436,310	-	-	10,537	446,847	
Water Systems Operations	Operations Support Services	-	199,151	-	-	-	199,151	
Water Systems Operations	Office of the Manager, Operations Support Service	-	723,494	-	-	13,795	737,288	
Water Systems Operations	Operations Support Services	-	3,393,988	-	-	37,826	3,431,814	
Water Systems Operations	Desert Region / C&D CRA	-	12,344,119	-	-	-	12,344,119	
Water Systems Operations	System Operations Unit	-	3,825,671	-	-	-	3,825,671	
Water Systems Operations	Power Operations and Planning	-	1,625,147	-	-	18,075	1,643,223	
Water Systems Operations	Operations Planning & Programs Unit	-	1,238,351	-	-	-	1,238,351	
Water Systems Operations	Treatment Jensen	-	5,391,431	-	-	-	5,391,431	
Water Systems Operations	Treatment Diemer	-	5,286,824	-	-	-	5,286,824	
Water Systems Operations	Treatment Mills	-	5,063,052	-	-	-	5,063,052	
Water Systems Operations	Treatment Skinner	-	4,860,379	-	-	-	4,860,379	
Water Systems Operations	Treatment Weymouth	-	5,772,287	-	-	-	5,772,287	
Water Systems Operations	Water Quality Section	-	10,993,731	-	-	-	10,993,731	
Water Systems Operations	C&D, Eastern Unit	-	6,860,432	-	-	285,851	7,146,284	
Water Systems Operations	C&D, Western Unit	-	5,413,051	-	-	308,672	5,721,722	
Water Systems Operations	OSS, Manufacturing Services Unit	-	3,223,448	-	-	56,939	3,280,386	
Water Systems Operations	Environmental Health & Safety Section	-	5,834,052	-	-	36,999	5,871,051	
Water Systems Operations	OSS, Fleet Services Unit	-	3,120,761	-	-	-	3,120,761	
Water Systems Operations	OSS, Power Support Unit	-	2,678,970	-	-	914,595	3,593,565	
Water Systems Operations	Office of the Manager, Operations & Planning Sect	-	190,617	-	-	3,634	194,251	
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-	
Office of the Chief Financial O		-	-	-	-	-	-	
Business Technology	Office of the Manager	-	-	-	-	-	-	
Engineering Services		-	17,431,865	-	-	207,389	17,639,253	
Business Technology	Administrative Services	-	-	-	-	-	-	
Business Technology	Information Technology	-	10,759,133	-	-	148,608	10,907,742	
Water Resources Managemen	Resource Planning & Development	-	2,145,756	-	-	-	2,145,756	
Water Resources Managemen	Resource Implementation	-	4,947,061	-	-	-	4,947,061	
Water Resources Managemen	Office of the Group Manager	-	1,297,895	-	-	-	1,297,895	
Ethics Office		-	-	-	-	-	-	
Real Property		-	2,750,479	-	-	-	2,750,479	
General Counsel		-	-	-	-	-	-	
General Auditor		-	-	-	-	-	-	
<b>Total Departmental O&amp;M</b>		-	139,707,001	-	-	2,172,698	141,879,698	
<b>GENERAL DISTRICT REQUIREMENTS</b>		-	-	-	-	-	-	
<b>State Water Contract</b>		-	-	-	-	-	-	
Supply - O&M		-	5,146,911	-	-	-	5,146,911	
Supply - Capital		-	3,201,147	-	-	-	3,201,147	
Power - O&M & Off-Aq Capital		-	-	-	11,541,772	-	11,541,772	
Power - Capital (less Off-Aq)		-	-	-	-	-	-	
Transmission - Capital - Commodity, Demand, & Standby		910,065	2,527,958	1,687,798	-	-	5,125,820	
Transmission - O&M - Commodity only		-	10,017,700	-	-	-	10,017,700	
Delta Conveyance		247,293	686,924	458,627	-	-	1,392,844	
<b>Total State Water Contract</b>		1,157,358	21,580,640	2,146,424	11,541,772	-	36,426,194	
<b>Colorado River Aqueduct Power Costs</b>		-	-	-	2,910,310	-	2,910,310	
<b>Supply Programs</b>		-	3,826,578	-	-	-	3,826,578	
<b>Demand Management</b>		-	-	-	-	-	-	
Local Resources Program		-	1,073,005	-	-	-	1,073,005	
Future Supply Actions & Stormwater Pilot		-	238,037	-	-	-	238,037	
Conservation Program		-	1,392,844	-	-	-	1,392,844	
<b>Total Demand Management Costs</b>		-	2,703,886	-	-	-	2,703,886	
<b>Capital Financing</b>		-	-	-	-	-	-	
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		3,146,370	6,505,176	5,202,016	-	176,714	15,030,276	
G.O. Bond Debt Service		144,241	153,924	105,992	-	-	404,157	
Debt Administration		62,606	129,439	103,509	-	3,516	299,069	
Bond Defeasance		-	-	-	-	-	-	
PAYGO		1,211,200	2,504,178	2,002,524	-	68,026	5,785,928	
<b>Total Capital Financing Costs</b>		4,564,416	9,292,716	7,414,042	-	248,257	21,519,431	
<b>Regional Recycled Water Program planning costs</b>		-	835,706	-	-	-	835,706	
<b>Other Operating Costs</b>		-	-	-	-	-	-	
Operating Equipment		-	310,968	5,926	-	4,377	321,271	
Succession Planning Labor Pool		-	276,293	5,266	-	3,889	285,448	
OPEB/PERS Pre-Funding		-	-	-	-	-	-	
<b>Total Other Operating Costs</b>		-	587,261	11,192	-	8,266	606,719	
<b>Increase/(Decrease) in Required Reserves</b>		-	-	-	-	-	-	
<b>Total General District Requirements</b>		-	5,721,774	38,826,788	9,571,658	14,452,082	68,828,824	
<b>REQUIREMENTS BEFORE OFFSETS:</b>	210,708,522	5,721,774	178,533,788	9,571,658	14,452,082	-	210,708,522	
<b>Revenue Offsets</b>								
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-	
Property Taxes - MWD GO Debt Service		-	-	-	-	-	-	
Interest on Investments	2,077,580	140,332	1,335,785	234,755	354,452	12,256	2,077,580	
Hydro-Power Revenue		-	-	-	-	-	-	
CRA Power Revenue		-	-	-	-	-	-	
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-	
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)	16,335,920	1,103,427	10,503,216	1,845,867	2,787,042	96,368	16,335,920	
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-	
Property Taxes - above GO Debt Service		-	-	-	-	-	-	
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-	
Annexation		-	-	-	-	-	-	
<b>Total Revenue Offsets</b>	18,413,500	1,243,760	11,839,001	2,080,621	3,141,494	108,623	18,413,500	
<b>NET REVENUE REQUIREMENTS:</b>	192,295,022	4,478,014	166,694,787	7,491,036	11,310,587	-	192,295,022	

Detailed Summary of Cost Allocations (by budget line Item, Includes Administrative and General Costs)  
Fiscal Year Ending 2021

Departmental O&M	Total Costs to Be Allocated	A&G Cost Redistribution	Adjusted Costs	Allocation Categories					Total	
				Demand	Fixed		Variable Commodity	Hydroelectric		
					Commodity	Standby				
<b>Departmental O&amp;M</b>										
<b>Group</b>										
Office of General Manager	1,424,643	4,305,084	5,729,727	-	5,651,664	-	-	78,062	-	5,729,727
Office of General Manager Board of Directors	1,862,185	(1,862,185)	-	-	-	-	-	-	-	-
Bay Delta Initiatives	-	12,263,236	12,263,236	-	12,263,236	-	-	-	-	12,263,236
External Affairs	6,098,334	(6,098,334)	-	-	-	-	-	-	-	-
External Affairs Media Communications Services	5,153,622	(5,153,622)	-	-	-	-	-	-	-	-
External Affairs Manager, External Affairs/Special Projects	9,622,528	(9,622,528)	-	-	-	-	-	-	-	-
External Affairs Conservation & Community Services	2,903,372	899,965	3,803,337	-	3,803,337	-	-	-	-	3,803,337
Human Resources	3,664,450	10,372,236	14,036,745	-	13,845,507	-	-	-	191,238	14,036,745
Water Systems Operations	38,107	9,489,391	9,527,498	-	9,349,240	-	-	-	178,258	9,527,498
Water Systems Operations Office of the Manager, Conveyance & Distribution Section	2,437	1,328,531	1,330,968	-	1,299,583	-	-	31,385	-	1,330,968
Water Systems Operations Office of the Manager, Treatment Section	-	1,314,877	1,314,877	-	1,314,877	-	-	-	-	1,314,877
Water Systems Operations Office of the Manager, Operations Support Services	9,895	2,510,435	2,520,330	-	2,473,175	-	-	47,155	-	2,520,330
Water Systems Operations Operations Support Services	15,172	10,987,476	11,002,648	-	10,881,376	-	-	121,272	-	11,002,648
Water Systems Operations Desert Region / C&D CRA	-	41,692,392	41,692,392	-	41,692,392	-	-	-	-	41,692,392
Water Systems Operations System Operations Unit	-	12,778,397	12,778,397	-	12,778,397	-	-	-	-	12,778,397
Water Systems Operations Power Operations and Planning	-	5,508,870	5,508,870	-	5,548,272	-	-	60,598	-	5,508,870
Water Systems Operations Operations Planning & Programs Unit	-	3,760,861	3,760,861	-	3,760,861	-	-	-	-	3,760,861
Water Systems Operations Treatment Jensen	-	22,900,357	22,900,357	-	16,968,430	-	5,931,927	-	-	22,900,357
Water Systems Operations Treatment Diemer	-	26,141,519	26,141,519	-	17,052,274	-	9,089,245	-	-	26,141,519
Water Systems Operations Treatment Mills	-	18,624,751	18,624,751	-	15,489,414	-	3,135,336	-	-	18,624,751
Water Systems Operations Treatment Skinner	-	20,585,774	20,585,774	-	15,139,534	-	5,446,240	-	-	20,585,774
Water Systems Operations Treatment Weymouth	-	26,014,488	26,014,488	-	18,185,065	-	7,829,423	-	-	26,014,488
Water Systems Operations Water Quality Section	-	37,347,907	37,347,907	-	37,347,907	-	-	-	-	37,347,907
Water Systems Operations C&D, Eastern Unit	-	27,173,088	27,173,088	-	26,086,164	-	-	-	1,086,924	27,173,088
Water Systems Operations C&D, Western Unit	184,243	20,708,847	20,891,091	-	19,754,071	-	-	-	1,127,019	20,891,091
Water Systems Operations OSS, Manufacturing Services Unit	15,484	10,451,463	10,466,947	-	10,285,269	-	-	-	-	10,466,947
Water Systems Operations Environmental Health & Safety Section	4,501	20,865,090	20,869,591	-	20,738,073	-	-	-	-	20,869,591
Water Systems Operations OSS, Fleet Services Unit	1,293,433	11,879,799	13,173,232	-	13,173,232	-	-	-	-	13,173,232
Water Systems Operations OSS, Power Support Unit	15,905	11,514,062	11,529,966	-	8,595,486	-	-	2,934,480	-	11,529,966
Water Systems Operations Office of the Manager, Operations & Planning Section	2,503	642,859	645,363	-	633,288	-	-	12,075	-	645,363
Water Systems Operations Security Team & Security Management	-	-	-	-	-	-	-	-	-	-
Office of the Chief Financial Officer	26,759,739	(26,759,739)	-	-	-	-	-	-	-	-
Business Technology	702,555	(702,555)	-	-	-	-	-	-	-	-
Business Technology Office of the Manager	2,340,259	54,823,839	57,164,098	-	56,492,007	-	-	672,091	-	57,164,098
Business Technology Administrative Services	39,389,705	(39,389,705)	-	-	-	-	-	-	-	-
Business Technology Information Technology	12,042,694	31,745,208	43,787,902	-	43,191,331	-	-	596,571	-	43,787,902
Water Resources Management Resource Planning & Development	-	7,017,313	7,017,313	-	7,017,313	-	-	-	-	7,017,313
Water Resources Management Resource Implementation	19,029	20,766,672	20,785,702	-	20,785,702	-	-	-	-	20,785,702
Water Resources Management Office of the Group Manager	2,391	3,898,046	3,900,437	-	3,900,437	-	-	-	-	3,900,437
Ethics Office	1,552,431	(1,552,431)	-	-	-	-	-	-	-	-
Real Property	7,108,816	7,855,533	14,964,349	-	14,964,349	-	-	-	-	14,964,349
General Counsel	15,321,969	(15,321,969)	-	-	-	-	-	-	-	-
General Auditor	4,329,295	(4,329,295)	-	-	-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>	<b>141,879,698</b>	<b>387,374,063</b>	<b>529,253,761</b>	<b>-</b>	<b>490,371,265</b>	<b>-</b>	<b>31,432,171</b>	<b>7,450,325</b>	<b>-</b>	<b>529,253,761</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>										
<b>State Water Contract</b>										
Supply - O&M	92,381,352	5,146,911	97,528,263	-	97,528,263	-	-	-	-	97,528,263
Supply - Capital	57,457,040	3,201,147	60,658,187	-	60,658,187	-	-	-	-	60,658,187
Power - O&M & Off-Aq Capital	207,162,017	11,541,772	218,703,789	-	-	-	218,703,789	-	-	218,703,789
Power - Capital (less Off-Aq)	(13,041,702)	-	(13,041,702)	-	-	-	(13,041,702)	-	-	(13,041,702)
Transmission - Capital - Commodity, Demand, & Standby	92,002,797	5,125,820	97,128,617	17,244,721	47,902,004	31,981,892	-	-	-	97,128,617
Transmission - O&M - Commodity only	179,806,614	10,017,700	189,824,314	-	189,824,314	-	-	-	-	189,824,314
Delta Conveyance	25,000,000	1,392,844	26,392,844	4,685,923	13,016,453	8,690,467	-	-	-	26,392,844
<b>Total State Water Contract</b>	<b>640,768,118</b>	<b>36,426,194</b>	<b>677,194,312</b>	<b>21,930,644</b>	<b>408,929,220</b>	<b>40,672,360</b>	<b>205,662,087</b>	<b>-</b>	<b>-</b>	<b>677,194,312</b>
<b>Colorado River Aqueduct Power Costs</b>	<b>52,236,836</b>	<b>2,910,310</b>	<b>55,147,146</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>55,147,146</b>	<b>-</b>	<b>-</b>	<b>55,147,146</b>
<b>Supply Programs</b>	<b>68,682,826</b>	<b>3,826,578</b>	<b>72,509,404</b>	<b>-</b>	<b>72,509,404</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>72,509,404</b>
<b>Demand Management</b>										
Local Resources Program	19,259,257	1,073,005	20,332,263	-	20,332,263	-	-	-	-	20,332,263
Future Supply Actions & Stormwater Pilot	4,272,500	238,037	4,510,537	-	4,510,537	-	-	-	-	4,510,537
Conservation Program	25,000,000	1,392,844	26,392,844	-	26,392,844	-	-	-	-	26,392,844
<b>Total Demand Management Costs</b>	<b>48,531,757</b>	<b>2,703,886</b>	<b>51,235,643</b>	<b>-</b>	<b>51,235,643</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>51,235,643</b>
<b>Capital Financing</b>										
Revenue Bond Debt Service net of BABs Interest Subsidy Payment	285,750,240	(943,162)	284,807,078	59,620,215	123,265,875	98,572,446	-	3,348,542	-	284,807,078
G.O. Bond Debt Service	7,254,175	404,157	7,658,332	2,733,204	2,916,691	2,008,437	-	-	-	7,658,332
Debt Administration	5,685,801	(18,767)	5,667,035	1,186,311	2,452,720	1,961,375	-	66,629	-	5,667,035
Bond Defeasance	-	-	-	-	-	-	-	-	-	-
PAYGO	110,000,000	(363,072)	109,636,928	22,950,895	47,451,390	37,945,616	-	1,289,026	-	109,636,928
<b>Total Capital Financing Costs</b>	<b>408,690,217</b>	<b>(920,844)</b>	<b>407,769,373</b>	<b>86,490,625</b>	<b>176,086,676</b>	<b>140,487,874</b>	<b>-</b>	<b>4,704,197</b>	<b>-</b>	<b>407,769,373</b>
<b>Regional Recycled Water Program planning costs</b>	<b>15,000,000</b>	<b>835,706</b>	<b>15,835,706</b>	<b>-</b>	<b>15,835,706</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>15,835,706</b>
<b>Other Operating Costs</b>										
Operating Equipment	7,878,483	(1,790,753)	6,087,730	-	5,892,492	112,297	-	82,940	-	6,087,730
Succession Planning Labor Pool	7,000,000	(1,591,077)	5,408,923	-	5,235,455	99,776	-	73,692	-	5,408,923
OPEB/PERS Pre-Funding	-	-	-	-	-	-	-	-	-	-
<b>Total Other Operating Costs</b>	<b>14,878,483</b>	<b>(3,381,830)</b>	<b>11,496,653</b>	<b>-</b>	<b>11,127,948</b>	<b>212,073</b>	<b>-</b>	<b>156,632</b>	<b>-</b>	<b>11,496,653</b>
<b>Increase/(Decrease) in Required Reserves</b>	<b>42,400,000</b>	<b>(42,400,000)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total General District Requirements</b>	<b>1,291,188,237</b>	<b>-</b>	<b>1,291,188,237</b>	<b>108,421,270</b>	<b>735,724,598</b>	<b>181,372,307</b>	<b>260,809,234</b>	<b>4,860,829</b>	<b>-</b>	<b>1,291,188,237</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>	<b>1,433,067,936</b>	<b>387,374,063</b>	<b>1,820,441,998</b>	<b>108,421,270</b>	<b>1,226,095,863</b>	<b>181,372,307</b>	<b>292,241,404</b>	<b>12,311,154</b>	<b>-</b>	<b>1,820,441,998</b>
<b>Revenue Offsets</b>										
Property Taxes - MWD Portion of SWP GO Debt Service	7,554,898	(0)	7,554,898	1,341,336	3,725,933	2,487,629	-	-	-	7,554,898
Property Taxes - MWD GO Debt Service	7,254,175	-	7,254,175	2,014,167	2,170,193	3,069,815	-	-	-	7,254,175
Interest on Investments	17,949,508	-	17,949,508	2,229,838	9,790,595	2,908,580	-	2,910,804	-	17,949,508
Hydro-Power Revenue	12,203,593	-	12,203,593	-	-	-	-	-	109,691	12,203,593
CRA Power Revenue	8,079,978	-	8,079,978	-	-	-	-	8,079,978	-	8,079,978
Wadsworth Pumping Plant (DVL) Power Revenue	469,889	-	469,889	-	-	-	-	469,889	-	469,889
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)	16,335,920	0	16,335,920	1,103,427	10,503,216	1,845,867	-	2,787,042	96,368	16,335,920
Misc. allocated to supply (PVID Lease)	3,595,498	-	3,595,498	-	3,595,498	-	-	-	-	3,595,498
Property Taxes - above GO Debt Service	125,138,058	0	125,138,058	14,900,442	82,603,399	27,634,216	-	-	-	125,138,058
Revenue Reserve used for Revenue Bonds - I&P	-	-	-	-	-	-	-	-	-	-
Annexation	-	-	-	-	-	-	-	-	-	-
<b>Total Revenue Offsets</b>	<b>198,581,516</b>	<b>0</b>	<b>198,581,516</b>	<b>21,589,210</b>	<b>112,388,835</b>	<b>37,946,106</b>	<b>14,247,714</b>	<b>12,409,652</b>	<b>-</b>	<b>198,581,516</b>
<b>NET REVENUE REQUIREMENTS:</b>	<b>\$ 1,621,860,482</b>	<b>\$ 387,374,063</b>	<b>\$ 1,621,860,482</b>	<b>\$ 86,832,059</b>	<b>\$ 1,113,707,028</b>	<b>\$ 143,426,202</b>	<b>\$ 277,993,690</b>	<b>\$ (98,498)</b>	<b>\$</b>	<b>\$ 1,621,860,482</b>

Costs Used for Calculating A&G Allocation Percentages  
Adjusted to exclude negative numbers  
Fiscal Year Ending 2021

	Total to Be Allocated Excluding A&G and Negative Values	Line Item Costs by Allocation Category (w/o A&G)					Total Allocations
		Fixed			Variable Commodity	Hydro- Electric	
		Demand	Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		3,696,591	-	3,646,228	-	50,363	3,696,591
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	5,217,217	-	5,217,217	-	-	5,217,217
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Pro	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		1,808,021	-	1,808,021	-	-	1,808,021
Water Systems Operations		8,099,642	-	7,989,291	-	110,350	8,099,642
Water Systems Operations	Office of the Manager	5,345,309	-	5,245,299	-	100,010	5,345,309
Water Systems Operations	Office of the Manager, Conveyance &	897,710	-	876,541	-	21,169	897,710
Water Systems Operations	Office of the Manager, Treatment Ser	400,092	-	400,092	-	-	400,092
Water Systems Operations	Office of the Manager, Operations Su	1,481,204	-	1,453,491	-	27,713	1,481,204
Water Systems Operations	Operations Support Services	6,894,476	-	6,818,485	-	75,991	6,894,476
Water Systems Operations	Desert Region / C&D CRA	24,799,200	-	24,799,200	-	-	24,799,200
Water Systems Operations	System Operations Unit	7,685,732	-	7,685,732	-	-	7,685,732
Water Systems Operations	Power Operations and Planning	3,301,217	-	3,264,903	-	36,313	3,301,217
Water Systems Operations	Operations Planning & Programs Uni	2,487,834	-	2,487,834	-	-	2,487,834
Water Systems Operations	Treatment Jensen	10,831,327	-	10,831,327	-	-	10,831,327
Water Systems Operations	Treatment Diemer	10,621,171	-	10,621,171	-	-	10,621,171
Water Systems Operations	Treatment Mills	10,171,615	-	10,171,615	-	-	10,171,615
Water Systems Operations	Treatment Skinner	9,764,448	-	9,764,448	-	-	9,764,448
Water Systems Operations	Treatment Weymouth	11,596,462	-	11,596,462	-	-	11,596,462
Water Systems Operations	Water Quality Section	22,086,286	-	22,086,286	-	-	22,086,286
Water Systems Operations	C&D, Eastern Unit	14,356,806	-	13,782,534	-	574,272	14,356,806
Water Systems Operations	C&D, Western Unit	11,494,878	-	10,874,759	-	620,118	11,494,878
Water Systems Operations	OSS, Manufacturing Services Unit	6,590,261	-	6,475,871	-	114,389	6,590,261
Water Systems Operations	Environmental Health & Safety Sectio	11,794,877	-	11,720,547	-	74,330	11,794,877
Water Systems Operations	OSS, Fleet Services Unit	6,269,574	-	6,269,574	-	-	6,269,574
Water Systems Operations	OSS, Power Support Unit	7,219,433	-	5,382,022	-	1,837,411	7,219,433
Water Systems Operations	Office of the Manager, Operations & (	390,249	-	382,948	-	7,302	390,249
Water Systems Operations	Security Team & Security Managemen	-	-	-	-	-	-
Office of the Chief Financial C		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		35,437,067	-	35,020,426	-	416,642	35,437,067
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	21,913,534	-	21,614,981	-	298,552	21,913,534
Water Resources Managemen	Resource Planning & Development	4,310,800	-	4,310,800	-	-	4,310,800
Water Resources Managemen	Resource Implementation	9,938,592	-	9,938,592	-	-	9,938,592
Water Resources Managemen	Office of the Group Manager	2,607,457	-	2,607,457	-	-	2,607,457
Ethics Office		-	-	-	-	-	-
Real Property		5,525,682	-	5,525,682	-	-	5,525,682
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>285,034,764</b>	<b>-</b>	<b>280,669,838</b>	<b>-</b>	<b>4,364,926</b>	<b>285,034,764</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		92,381,352	-	92,381,352	-	-	92,381,352
Supply - Capital		57,457,040	-	57,457,040	-	-	57,457,040
Power - O&M & Off-Aq Capital		207,162,017	-	-	-	207,162,017	207,162,017
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		92,002,797	16,334,656	45,374,046	30,294,095	-	92,002,797
Transmission - O&M - Commodity only		179,806,614	-	179,806,614	-	-	179,806,614
Delta Conveyance		25,000,000	4,438,630	12,329,529	8,231,841	-	25,000,000
<b>Total State Water Contract</b>		<b>653,809,820</b>	<b>20,773,287</b>	<b>387,348,580</b>	<b>38,525,936</b>	<b>207,162,017</b>	<b>653,809,820</b>
<b>Colorado River Aqueduct Power Costs</b>		<b>52,236,836</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>52,236,836</b>	<b>52,236,836</b>
<b>Supply Programs</b>		<b>68,682,826</b>	<b>-</b>	<b>68,682,826</b>	<b>-</b>	<b>-</b>	<b>68,682,826</b>
<b>Demand Management</b>							
Local Resources Program		19,259,257	-	19,259,257	-	-	19,259,257
Future Supply Actions & Stormwater Pilot		4,272,500	-	4,272,500	-	-	4,272,500
Conservation Program		25,000,000	-	25,000,000	-	-	25,000,000
<b>Total Demand Management Costs</b>		<b>48,531,757</b>	<b>-</b>	<b>48,531,757</b>	<b>-</b>	<b>-</b>	<b>48,531,757</b>
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		269,776,802	56,473,846	116,760,699	93,370,429	3,171,828	269,776,802
G.O. Bond Debt Service		7,254,175	2,588,963	2,762,767	1,902,445	-	7,254,175
Debt Administration		5,367,965	1,123,705	2,323,281	1,857,866	63,112	5,367,965
Bond Defeasance		-	-	-	-	-	-
PAYGO		103,851,000	21,739,695	44,947,213	35,943,092	1,221,000	103,851,000
<b>Total Capital Financing Costs</b>		<b>386,249,942</b>	<b>81,926,209</b>	<b>166,793,960</b>	<b>133,073,832</b>	<b>4,455,940</b>	<b>386,249,942</b>
<b>Regional Recycled Water Program planning costs</b>		<b>15,000,000</b>	<b>-</b>	<b>15,000,000</b>	<b>-</b>	<b>-</b>	<b>15,000,000</b>
<b>Other Operating Costs</b>							
Operating Equipment		5,766,459	-	5,581,525	106,371	78,563	5,766,459
Succession Planning Labor Pool		5,123,475	-	4,959,162	94,510	69,803	5,123,475
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		<b>10,889,934</b>	<b>-</b>	<b>10,540,686</b>	<b>200,881</b>	<b>148,366</b>	<b>10,889,934</b>
<b>Increase/(Decrease) in Required Reserves</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total General District Requirements</b>		<b>1,235,401,115</b>	<b>102,699,496</b>	<b>696,897,810</b>	<b>171,800,650</b>	<b>259,398,853</b>	<b>1,235,401,115</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>1,520,435,880</b>	<b>102,699,496</b>	<b>977,567,648</b>	<b>171,800,650</b>	<b>259,398,853</b>	<b>1,520,435,880</b>
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		7,554,898	1,341,336	3,725,933	2,487,629	-	7,554,898
Property Taxes - MWD GO Debt Service		7,254,175	2,014,167	2,170,193	3,069,815	-	7,254,175
Interest on Investments		15,871,928	2,089,505	8,454,810	2,673,825	2,556,352	15,871,928
Hydro-Power Revenue		12,203,593	-	-	-	12,203,593	12,203,593
CRA Power Revenue		8,079,978	-	-	-	8,079,978	8,079,978
Wadsworth Pumping Plant (DVL) Power Revenue		469,889	-	-	-	469,889	469,889
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		3,595,498	-	3,595,498	-	-	3,595,498
Property Taxes - above GO Debt Service		125,138,058	14,900,442	82,603,399	27,634,216	-	125,138,058
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		<b>180,168,016</b>	<b>20,345,450</b>	<b>100,549,834</b>	<b>35,865,484</b>	<b>11,106,219</b>	<b>180,168,016</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>\$ 1,340,267,864</b>	<b>\$ 82,354,046</b>	<b>\$ 877,017,814</b>	<b>\$ 135,935,165</b>	<b>\$ 248,292,634</b>	<b>\$ (3,331,796)</b>



A&G Cost Allocation Percentages  
(Carried to COS Schedule E-a for A&G allocation)  
Fiscal Year 2021

		A&G Line Item Allocators by Allocation Category						Total
		Fixed			Variable	Demand Management	Hydro-Electric	
		Demand	Commodity	Standby	Commodity			
<b>Departmental O&amp;M</b>								
<b>Group</b>	<b>Item</b>							
Office of General Manager		0.00%	1.28%	0.00%	0.00%	0.00%	0.02%	1.30%
Office of General Manager	Board of Directors	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Bay Delta Initiatives	Bay Delta Initiatives	0.00%	1.83%	0.00%	0.00%	0.00%	0.00%	1.83%
External Affairs	Legislative Services	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
External Affairs	Media Communications Services	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
External Affairs	Manager, External Affairs/Special Projects	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
External Affairs	Conservation & Community Services	0.00%	0.63%	0.00%	0.00%	0.00%	0.00%	0.63%
Human Resources		0.00%	2.80%	0.00%	0.00%	0.00%	0.04%	2.84%
Water Systems Operations	Office of the Manager	0.00%	1.84%	0.00%	0.00%	0.00%	0.04%	1.88%
Water Systems Operations	Office of the Manager, Conveyance & Dist	0.00%	0.31%	0.00%	0.00%	0.00%	0.01%	0.31%
Water Systems Operations	Office of the Manager, Treatment Section	0.00%	0.14%	0.00%	0.00%	0.00%	0.00%	0.14%
Water Systems Operations	Office of the Manager, Operations Support	0.00%	0.51%	0.00%	0.00%	0.00%	0.01%	0.52%
Water Systems Operations	Operations Support Services	0.00%	2.39%	0.00%	0.00%	0.00%	0.03%	2.42%
Water Systems Operations	Desert Region / C&D CRA	0.00%	8.70%	0.00%	0.00%	0.00%	0.00%	8.70%
Water Systems Operations	System Operations Unit	0.00%	2.70%	0.00%	0.00%	0.00%	0.00%	2.70%
Water Systems Operations	Power Operations and Planning	0.00%	1.15%	0.00%	0.00%	0.00%	0.01%	1.16%
Water Systems Operations	Operations Planning & Programs Unit	0.00%	0.87%	0.00%	0.00%	0.00%	0.00%	0.87%
Water Systems Operations	Treatment Jensen	0.00%	3.80%	0.00%	0.00%	0.00%	0.00%	3.80%
Water Systems Operations	Treatment Diemer	0.00%	3.73%	0.00%	0.00%	0.00%	0.00%	3.73%
Water Systems Operations	Treatment Mills	0.00%	3.57%	0.00%	0.00%	0.00%	0.00%	3.57%
Water Systems Operations	Treatment Skinner	0.00%	3.43%	0.00%	0.00%	0.00%	0.00%	3.43%
Water Systems Operations	Treatment Weymouth	0.00%	4.07%	0.00%	0.00%	0.00%	0.00%	4.07%
Water Systems Operations	Water Quality Section	0.00%	7.75%	0.00%	0.00%	0.00%	0.00%	7.75%
Water Systems Operations	C&D, Eastern Unit	0.00%	4.84%	0.00%	0.00%	0.00%	0.20%	5.04%
Water Systems Operations	C&D, Western Unit	0.00%	3.82%	0.00%	0.00%	0.00%	0.22%	4.03%
Water Systems Operations	OSS, Manufacturing Services Unit	0.00%	2.27%	0.00%	0.00%	0.00%	0.04%	2.31%
Water Systems Operations	Environmental Health & Safety Section	0.00%	4.11%	0.00%	0.00%	0.00%	0.03%	4.14%
Water Systems Operations	OSS, Fleet Services Unit	0.00%	2.20%	0.00%	0.00%	0.00%	0.00%	2.20%
Water Systems Operations	OSS, Power Support Unit	0.00%	1.89%	0.00%	0.00%	0.00%	0.64%	2.53%
Water Systems Operations	Office of the Manager, Operations & Planr	0.00%	0.13%	0.00%	0.00%	0.00%	0.00%	0.14%
Water Systems Operations	Security Team & Security Management	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Office of the Chief Financial Officer		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Business Technology	Office of Manager	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Engineering Services		0.00%	12.29%	0.00%	0.00%	0.00%	0.15%	12.43%
Business Technology	Administrative Services	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Business Technology	Information Technology	0.00%	7.58%	0.00%	0.00%	0.00%	0.10%	7.69%
Water Resources Management	Resource Planning & Development	0.00%	1.51%	0.00%	0.00%	0.00%	0.00%	1.51%
Water Resources Management	Resource Implementation	0.00%	3.49%	0.00%	0.00%	0.00%	0.00%	3.49%
Water Resources Management	Office of the Group Manager	0.00%	0.91%	0.00%	0.00%	0.00%	0.00%	0.91%
Ethics Office		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Real Property		0.00%	1.94%	0.00%	0.00%	0.00%	0.00%	1.94%
General Counsel		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
General Auditor		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>Total Departmental O&amp;M</b>		<b>0.00%</b>	<b>98.47%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>1.53%</b>	<b>100.00%</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>								
<b>State Water Contract</b>								
Supply - O&M		0.00%	7.48%	0.00%	0.00%	0.00%	0.00%	7.48%
Supply - Capital		0.00%	4.65%	0.00%	0.00%	0.00%	0.00%	4.65%
Power - O&M & Off-Aq Capital		0.00%	0.00%	0.00%	16.77%	0.00%	0.00%	16.77%
Power - Capital (less Off-Aq)		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Transmission - Capital - Commodity, Demand, & Standby		1.32%	3.67%	2.45%	0.00%	0.00%	0.00%	7.45%
Transmission - O&M - Commodity only		0.00%	14.55%	0.00%	0.00%	0.00%	0.00%	14.55%
Delta Conveyance		0.36%	1.00%	0.67%	0.00%	0.00%	0.00%	2.02%
<b>Total State Water Contract</b>		<b>1.68%</b>	<b>31.35%</b>	<b>3.12%</b>	<b>16.77%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>52.92%</b>
<b>Colorado River Aqueduct Power Costs</b>		<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>4.23%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>4.23%</b>
<b>Supply Programs</b>		<b>0.00%</b>	<b>5.56%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>5.56%</b>
<b>Demand Management</b>								
Local Resources Program		0.00%	1.56%	0.00%	0.00%	0.00%	0.00%	1.56%
Future Supply Actions & Stormwater Pilot		0.00%	0.35%	0.00%	0.00%	0.00%	0.00%	0.35%
Conservation Program		0.00%	2.02%	0.00%	0.00%	0.00%	0.00%	2.02%
<b>Total Demand Management Costs</b>		<b>0.00%</b>	<b>3.93%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>3.93%</b>
<b>Capital Financing</b>								
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		4.57%	9.45%	7.56%	0.00%	0.00%	0.26%	21.84%
G.O. Bond Debt Service		0.21%	0.22%	0.15%	0.00%	0.00%	0.00%	0.59%
Debt Administration		0.09%	0.19%	0.15%	0.00%	0.00%	0.01%	0.43%
Bond Defeasance		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PAYGO		1.76%	3.64%	2.91%	0.00%	0.00%	0.10%	8.41%
<b>Total Capital Financing Costs</b>		<b>6.63%</b>	<b>13.50%</b>	<b>10.77%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.36%</b>	<b>31.27%</b>
<b>Regional Recycled Water Program planning costs</b>		<b>0.00%</b>	<b>1.21%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>1.21%</b>
<b>Other Operating Costs</b>		<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
Operating Equipment		0.00%	0.45%	0.01%	0.00%	0.00%	0.01%	0.47%
Succession Planning Labor Pool		0.00%	0.40%	0.01%	0.00%	0.00%	0.01%	0.41%
OPEB/PERS Pre-Funding		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>Total Other Operating Costs</b>		<b>0.00%</b>	<b>0.85%</b>	<b>0.02%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.01%</b>	<b>0.88%</b>
<b>Increase/(Decrease) in Required Reserves</b>		<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total General District Requirements</b>		<b>8.31%</b>	<b>56.41%</b>	<b>13.91%</b>	<b>21.00%</b>	<b>0.00%</b>	<b>0.37%</b>	<b>100.00%</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>6.75%</b>	<b>64.30%</b>	<b>11.30%</b>	<b>17.06%</b>	<b>0.00%</b>	<b>0.59%</b>	<b>100.00%</b>

Functionalization of A&G Costs  
 Summary of Allocation Results before Inclusion of Administrative and General Costs  
 Fiscal Year Ending 2021

Functional Categories	Functional Costs Allocated for FY 2021	Allocation Categories (Costs Exclude Administrative and General)					Total Allocated Excluding A&G
		Fixed			Variable Commodity	Hydro-Electric	
		Demand	Commodity	Standby			
<b>Source of Supply</b>							
CRA	\$ 44,336,832.95	\$ -	\$ 44,336,833	\$ -	\$ -	\$ -	\$ 44,336,833
SWP	118,960,041	-	118,960,041	-	-	-	118,960,041
Other Supply	37,361,714	-	37,361,714	-	-	-	37,361,714
<b>Subtotal: Source of Supply</b>	<b>200,658,588</b>	-	200,658,588	-	-	-	<b>200,658,588</b>
<b>Conveyance &amp; Aqueduct</b>							
CRA							
CRA Power	56,423,014	-	12,908,487	-	43,514,527	-	56,423,014
CRA All Other	63,121,525	2,325,938	56,481,926	4,313,662	-	-	63,121,525
SWP	-	-	-	-	-	-	-
SWP Power	192,206,294	-	-	-	192,206,294	-	192,206,294
SWP All Other	228,059,046	3,966,556	216,736,153	7,356,337	-	-	228,059,046
Other Conveyance & Aqueduct	67,585,268	10,128,695	37,423,809	20,032,764	-	-	67,585,268
<b>Subtotal: Conveyance &amp; Aqueduct</b>	<b>607,395,148</b>	16,421,189	323,550,374	31,702,763	235,720,822	-	<b>607,395,148</b>
<b>Storage</b>							
Storage Costs Other Than Power							
Emergency	55,130,667	-	7,145,707	47,984,960	-	-	55,130,667
Drought	63,360,316	-	63,360,316	-	-	-	63,360,316
Regulatory	25,207,326	8,080,157	12,206,750	4,920,419	-	-	25,207,326
Storage Power	(469,889)	-	-	-	(469,889)	-	(469,889)
<b>Subtotal: Storage</b>	<b>143,228,420</b>	8,080,157	82,712,773	52,905,380	(469,889)	-	<b>143,228,420</b>
<b>Treatment</b>							
Jensen	47,804,995	6,490,152	28,128,943	7,253,973	5,931,927	-	47,804,995
Weymouth	53,472,553	7,288,043	30,209,283	8,145,804	7,829,423	-	53,472,553
Diemer	58,612,094	8,584,513	31,342,702	9,595,634	9,089,245	-	58,612,094
Mills	28,881,429	2,293,076	20,892,191	2,560,826	3,135,336	-	28,881,429
Skinner	47,666,383	6,987,522	27,422,071	7,810,550	5,446,240	-	47,666,383
<b>Subtotal: Treatment</b>	<b>236,437,455</b>	31,643,307	137,995,190	35,366,787	31,432,171	-	<b>236,437,455</b>
<b>Distribution</b>	<b>184,888,210</b>	26,209,393	142,718,582	15,960,236	-	-	<b>184,888,210</b>
<b>Demand Management</b>	<b>59,376,734</b>	-	59,376,734	-	-	-	<b>59,376,734</b>
<b>Hydro-Electric</b>	<b>(2,419,095)</b>	-	-	-	-	(2,419,095)	<b>(2,419,095)</b>
<b>Total Costs Allocated</b>	<b>\$ 1,429,565,460</b>	<b>\$ 82,354,046</b>	<b>\$ 947,012,241</b>	<b>\$ 135,935,165</b>	<b>\$ 266,683,103</b>	<b>\$ (2,419,095)</b>	<b>\$ 1,429,565,460</b>
<b>A&amp;G Costs to be Functionalized</b>		\$ 4,478,014	\$ 166,694,787	\$ 7,491,036,430	\$ 11,310,587	\$ 2,320,597	\$ 192,295,022

**Percentages Used for Functionalization of A&G Costs**

Allocation Categories				
Fixed			Variable	Hydro-Electric
Demand	Commodity	Standby	Commodity	
0.0%	4.7%	0.0%	0.0%	0.0%
0.0%	12.6%	0.0%	0.0%	0.0%
0.0%	3.9%	0.0%	0.0%	0.0%
0.0%	21.2%	0.0%	0.0%	0.0%
0.0%	1.4%	0.0%	16.3%	0.0%
2.8%	6.0%	3.2%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	72.1%	0.0%
4.8%	22.9%	5.4%	0.0%	0.0%
12.3%	4.0%	14.7%	0.0%	0.0%
19.9%	34.2%	23.3%	88.4%	0.0%
0.0%	0.8%	35.3%	0.0%	0.0%
0.0%	6.7%	0.0%	0.0%	0.0%
9.8%	1.3%	3.6%	0.0%	0.0%
0.0%	0.0%	0.0%	-0.2%	0.0%
9.8%	8.7%	38.9%	-0.2%	0.0%
7.9%	3.0%	5.3%	2.2%	0.0%
8.8%	3.2%	6.0%	2.9%	0.0%
10.4%	3.3%	7.1%	3.4%	0.0%
2.8%	2.2%	1.9%	1.2%	0.0%
8.5%	2.9%	5.7%	2.0%	0.0%
38.4%	14.6%	26.0%	11.8%	0.0%
31.8%	15.1%	11.7%	0.0%	0.0%
0.0%	6.3%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	100.0%
<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>

**Administrative and General Costs Redistributed Among Functional Categories**

Administrative and General Costs by Allocation Categories					Total A&G Costs Allocated	Functional Categories
Fixed			Variable			
Demand	Commodity	Standby	Commodity	Hydro-Electric		
\$ -	\$ 7,804,249	\$ -	\$ -	\$ -	\$ 7,804,249	Source of Supply
-	20,939,559	-	-	-	20,939,559	CRA
-	6,576,476	-	-	-	6,576,476	SWP
-	35,320,283	-	-	-	35,320,283	Other Supply
-	-	-	-	-	-	Subtotal: Source of Supply
-	2,272,175	-	1,845,542	-	4,117,717	Conveyance & Aqueduct
126,473	9,942,049	237,715	-	-	10,306,237	CRA
-	-	-	-	-	-	SWP
-	-	-	8,151,870	-	8,151,870	
215,682	38,150,285	405,389	-	-	38,771,356	Other Conveyance & Aqueduct
550,749	6,587,406	1,103,954	-	-	8,242,109	
892,905	56,951,915	1,747,058	9,997,412	-	69,589,290	Subtotal: Conveyance & Aqueduct
-	1,257,800	2,644,327	-	-	3,902,128	Storage
-	11,152,796	-	-	-	11,152,796	Storage Costs Other Than Power
439,360	2,148,654	271,152	-	-	2,859,165	
-	-	-	(19,929)	-	(19,929)	Storage Power
439,360	14,559,250	2,915,479	(19,929)	-	17,894,160	Subtotal: Storage
352,903	4,951,307	399,748	251,585	-	5,955,543	Treatment
396,288	5,317,492	448,894	332,062	-	6,494,737	Jensen
466,784	5,516,998	528,791	385,494	-	6,898,067	Weymouth
124,686	3,677,481	141,121	132,976	-	4,076,264	Diemer
379,948	4,826,882	430,419	230,966	-	5,868,235	Mills
1,720,610	24,290,160	1,948,972	1,333,104	-	29,292,846	Skinner
1,425,140	25,121,580	879,527	-	-	27,426,247	Subtotal: Treatment
-	10,451,599	-	-	-	10,451,599	Distribution
-	-	-	-	2,320,597	2,320,597	Demand Management
\$ 4,478,014	\$ 166,694,787	\$ 7,491,036	\$ 11,310,587	\$ 2,320,597	\$ 192,295,022	Hydro-Electric
						Total Costs Allocated

**Summary of Functionalization Percentages**  
Fiscal Year Ending 2021

	Source of Supply	Conveyance & Aqueduct	Storage	Water Quality	Treatment	Distribution	Demand Management	Hydro-Electric	Administrative & General	Total Allocated
Departmental Operations & Maintenance										
Office of General Manager	5%	11%	2%	0%	19%	15%	2%	1%	46%	100%
Water Systems Operations	6%	18%	1%	0%	42%	32%	0%	2%	1%	100%
Water Resources Management	66%	0%	0%	0%	0%	5%	29%	0%	0%	100%
Engineering Services	4%	22%	24%	0%	25%	18%	0%	1%	6%	100%
Bay Delta Initiatives	0%	100%	0%	0%	0%	0%	0%	0%	0%	100%
Business Technology	4%	8%	2%	0%	13%	10%	1%	1%	61%	100%
Real Property	7%	37%	8%	0%	0%	10%	0%	0%	37%	100%
Human Resources	7%	15%	3%	0%	25%	20%	2%	1%	27%	100%
Office of the Chief Financial Officer	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%
External Affairs	0%	0%	0%	0%	0%	0%	11%	0%	89%	100%
General Counsel	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%
General Auditor	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%
Ethics Office	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%
Total Departmental O&M	7%	15%	3%	0%	25%	20%	2%	1%	27%	100%
General District Requirements										
State Water Contract*	23%	77%	0%	0%	0%	0%	0%	0%	0%	100%
Colorado River Aqueduct Power Costs	0%	100%	0%	0%	0%	0%	0%	0%	0%	100%
Supply Programs	54%	0%	46%	0%	0%	0%	0%	0%	0%	100%
Demand Management	0%	0%	0%	0%	0%	0%	100%	0%	0%	100%
Capital Financing	4%	21%	24%	0%	25%	19%	0%	1%	5%	100%
Regional Recycled Water Program planning costs	38%	0%	0%	0%	0%	62%	0%	0%	0%	100%
Other Operating Costs	7%	15%	3%	0%	25%	20%	2%	1%	27%	100%
Increase/(Decrease) in Required Reserves	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%
Total General District Requirements	16%	49%	10%	0%	8%	7%	4%	0%	5%	100%
Revenue Offsets	24%	54%	1%	0%	2%	4%	0%	6%	9%	100%
<b>Net Revenue Requirements</b>	<b>12%</b>	<b>37%</b>	<b>9%</b>	<b>0%</b>	<b>15%</b>	<b>11%</b>	<b>4%</b>	<b>0%</b>	<b>12%</b>	<b>100%</b>

\* Includes Delta Conveyance planning costs

**Cost Allocation Summary (by budget line item)**

Fiscal Year Ending 2021

	Allocation Categories						Total Allocated
	Fixed			Variable Commodity	Other	Hydro-Electric	
	Demand	Commodity	Standby				
Departmental Operations & Maintenance							
Office of General Manager	\$ -	\$ 5,651,664	\$ -	\$ -	\$ -	\$ 78,062	\$ 5,729,727
Water Systems Operations	-	308,456,381	-	31,432,171	-	5,912,362	345,800,914
Water Resources Management	-	31,703,452	-	-	-	-	31,703,452
Engineering Services	-	56,492,007	-	-	-	672,091	57,164,098
Bay Delta Initiatives	-	12,263,236	-	-	-	-	12,263,236
Business Technology	-	43,191,331	-	-	-	596,571	43,787,902
Real Property	-	14,964,349	-	-	-	-	14,964,349
Human Resources	-	13,845,507	-	-	-	191,238	14,036,745
Office of the Chief Financial Officer	-	-	-	-	-	-	-
External Affairs	-	3,803,337	-	-	-	-	3,803,337
General Counsel	-	-	-	-	-	-	-
General Auditor	-	-	-	-	-	-	-
Ethics Office	-	-	-	-	-	-	-
Total Departmental O&M <i>(including Administrative and General)</i>	-	490,371,265	-	31,432,171	-	7,450,325	529,253,761
General District Requirements							
State Water Contract*	21,930,644	408,929,220	40,672,360	205,662,087	-	-	677,194,312
Colorado River Aqueduct Power Costs	-	-	-	55,147,146	-	-	55,147,146
Supply Programs	-	72,509,404	-	-	-	-	72,509,404
Demand Management	-	51,235,643	-	-	-	-	51,235,643
Capital Financing	86,490,625	176,086,676	140,487,874	-	-	4,704,197	407,769,373
Regional Recycled Water Program planning costs	-	15,835,706	-	-	-	-	15,835,706
Other Operating Costs	-	11,127,948	212,073	-	-	156,632	11,496,653
Increase/(Decrease) in Required Reserves	-	-	-	-	-	-	-
Total General District Requirements <i>(including Administrative and General)</i>	108,421,270	735,724,598	181,372,307	260,809,234	-	4,860,829	1,291,188,237
Revenue Offsets	(21,589,210)	(112,388,835)	(37,946,106)	(14,247,714)	-	(12,409,652)	(198,581,516)
<b>Net Revenue Requirements</b>	<b>\$ 86,832,059.50</b>	<b>\$ 1,113,707,028.09</b>	<b>\$ 143,426,201.90</b>	<b>\$ 277,993,690.36</b>	<b>\$ -</b>	<b>\$ (98,497.73)</b>	<b>\$ 1,621,860,482.12</b>

\* Includes Delta Conveyance planning costs

Revenue Requirement by sub-function and budget line item  
Fiscal Year Ending 2021

Fiscal Year Ending 2021	Supply			Conveyance & Aqueduct					Storage				Treatment	Distribution	Demand Mgt.	Hydro	Total
	CRA	SWC	Other	CRA power	CRA other	SWC power	SWC other	Other C&A	Emergency	Drought	Regulatory	Power					
<b>Dept. Operations &amp; Maintenance</b>	8,508,782	15,135,764	13,380,157	5,644,393	48,653,238	-	19,431,564	7,216,169	7,145,707	5,068,905	3,649,102	-	133,064,655	104,074,446	11,123,552	5,277,627	387,374,063
<b>General District Requirements</b>																	
State Water Contract*	-	-	-	-	-	(13,041,702)	117,002,797	-	-	-	-	-	-	-	-	-	161,418,135
Capital	-	57,457,040	-	-	-	-	-	-	-	-	-	-	-	-	-	-	479,349,983
O&M	-	92,381,352	-	-	-	207,162,017	179,806,614	-	-	-	-	-	-	-	-	-	52,236,836
Colorado River Aqueduct Power	-	-	-	52,236,836	-	-	-	-	-	-	-	-	-	-	-	-	68,682,826
Supply Programs	36,030,363	-	1,250,000	-	-	-	-	-	-	31,402,463	-	-	-	-	-	-	48,531,757
Demand Management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,531,757	-	386,249,942
Capital Financing Program	-	-	17,101,175	7,105,418	13,729,113	-	5,933,500	60,839,261	48,333,079	27,377,402	21,706,659	-	103,848,184	75,820,211	-	4,455,940	15,000,000
Regional Recycling Water Project	-	-	5,626,290	-	-	-	-	-	-	-	-	-	-	9,373,710	-	-	10,889,934
Other Operating Costs	239,201	425,499	376,146	158,676	1,367,749	-	546,264	202,862	200,881	142,498	102,584	-	3,740,739	2,925,761	312,707	148,366	
<b>Revenue Offsets</b>	(441,513)	(46,439,615)	(372,054)	(8,722,309)	(628,574)	(1,914,021)	(94,661,692)	(673,025)	(549,000)	(630,952)	(251,019)	(469,889)	(4,216,124)	(7,305,918)	(591,283)	(12,301,028)	(190,168,016)
Admin. & General	7,804,249	20,939,559	6,576,476	4,117,717	10,306,237	8,151,870	38,771,356	8,242,109	3,902,128	11,152,796	2,859,165	(19,929)	29,292,846	27,426,247	10,451,599	2,320,597	192,295,022
<b>Net Revenue Requirement</b>	<b>52,141,082</b>	<b>139,899,600</b>	<b>43,938,190</b>	<b>60,540,731</b>	<b>73,427,763</b>	<b>200,358,165</b>	<b>266,830,402</b>	<b>75,827,377</b>	<b>59,032,795</b>	<b>74,513,112</b>	<b>28,066,492</b>	<b>(489,818)</b>	<b>265,730,301</b>	<b>212,314,457</b>	<b>69,828,333</b>	<b>(98,498)</b>	<b>1,621,860,482</b>

\* Includes Delta Conveyance planning costs

Fiscal Year Ending 2021	Supply			Conveyance & Aqueduct					Storage				Treatment	Distribution	Demand Mgt.	Hydro	Total
	CRA	SWC	Other	CRA power	CRA other	SWC power	SWC other	Other C&A	Emergency	Drought	Regulatory	Power					
<b>Fixed Demand</b>																	
<b>engineering factors</b>	-	-	-	0.0%	17.8%	0.0%	17.8%	17.8%	0.0%	0.0%	37.2%	0.0%	31.2%	37.2%	-	-	20,773,287
SWC Capital	-	-	-	-	-	-	20,773,287	-	-	-	-	-	-	-	-	-	82,979,674
Capital Financing	-	-	-	-	2,437,538	-	1,053,464	10,801,720	-	-	8,080,157	-	32,383,235	28,223,560	-	-	3,489,300
Regional Recycling Water Project	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,078,327
A&G less Offsets	-	-	-	-	14,873	-	(17,644,513)	(122,276)	-	-	439,360	-	980,682	(4,078,327)	-	-	(20,410,201)
Total fixed demand	-	-	-	-	2,452,411	-	4,182,238	10,679,444	-	-	8,519,516	-	33,363,917	27,634,533	-	-	86,832,059
<b>Fixed Commodity</b>																	
<b>engineering factors</b>	100%	100%	100%	100%	49.3%	0%	49.3%	49.3%	0%	100%	40.1%	0%	32.1%	40.1%	-	-	163,786,751
Capital Financing	-	-	17,101,175	7,105,418	6,770,940	-	2,926,290	30,004,777	-	27,377,402	8,706,083	-	33,384,778	30,409,887	-	-	9,385,887
Regional Recycling Water Project	-	-	5,626,290	-	-	-	-	-	-	-	-	-	-	3,759,597	-	-	115,160,614
SWC Capital	-	57,457,040	-	-	-	-	57,703,574	-	-	-	-	-	-	-	-	-	272,187,966
SWC O&M	-	92,381,352	-	-	-	-	179,806,614	-	-	-	-	-	-	-	-	-	348,479,613
Dept. O&M	8,508,782	15,135,764	13,380,157	5,644,393	48,653,238	-	19,431,564	7,216,169	7,145,707	5,068,905	3,649,102	-	99,447,833	104,074,446	11,123,552	48,531,757	
Supply Programs	36,030,363	-	1,250,000	-	-	-	-	-	-	31,402,463	-	-	-	-	-	-	68,682,826
Demand Management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48,531,757	-	48,531,757
Other Operating Costs	239,201	425,499	376,146	158,676	1,367,749	-	546,264	202,862	200,881	142,498	102,584	-	3,740,739	2,925,761	312,707	10,741,568	
A&G less Offsets	7,362,735	(25,500,056)	6,204,422	2,272,175	9,632,049	-	(5,527,868)	6,587,406	1,056,919	10,521,844	1,897,635	-	25,711,999	26,670,470	9,860,316	-	76,750,045
Total fixed commodity	52,141,082	139,899,600	43,938,190	15,180,662	66,423,975	-	254,886,438	44,011,215	8,403,507	74,513,112	14,355,404	-	162,285,350	167,840,162	69,828,333	-	1,113,707,028
<b>Fixed Standby</b>																	
<b>engineering factors</b>	-	-	-	0%	33%	0%	32.9%	32.9%	100%	0%	22.7%	0%	36.7%	22.7%	-	-	38,525,936
SWC Capital	-	-	-	-	-	-	38,525,936	-	-	-	-	-	-	-	-	-	135,027,577
Capital Financing	-	-	-	-	4,520,635	-	1,953,745	20,032,764	48,333,079	-	4,920,419	-	38,080,171	17,186,764	-	-	2,124,813
Regional Recycling Water Project	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(32,252,124)
A&G less Offsets	-	-	-	-	30,742	-	(32,717,955)	1,103,954	2,296,209	-	271,152	-	(764,411)	(2,471,814)	-	-	(32,252,124)
Total fixed standby	-	-	-	-	4,551,377	-	7,761,726	21,136,718	50,629,288	-	5,191,571	-	37,315,760	16,839,763	-	-	143,426,202
<b>Variable Commodity</b>																	
<b>SWC Power</b>	-	-	-	-	-	194,120,315	-	-	-	-	-	-	-	-	-	-	194,120,315
CRA Power	-	-	-	52,236,836	-	-	-	-	-	-	-	-	-	-	-	-	52,236,836
Variable Treatment	-	-	-	-	-	-	-	-	-	-	-	-	33,616,822	-	-	-	33,616,822
A&G less Offsets	-	-	-	(6,876,767)	-	6,237,849	-	-	-	-	-	(489,818)	(851,548)	-	-	-	(1,980,284)
Total variable commodity	-	-	-	45,360,069	-	200,358,165	-	-	-	-	-	(489,818)	32,765,275	-	-	-	277,993,690
<b>Hydroelectric</b>																	
<b>A&amp;G less Offsets</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9,881,933	9,881,933
Total hydroelectric	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(9,980,431)	(9,980,431)
<b>Total Costs</b>	<b>52,141,082</b>	<b>139,899,600</b>	<b>43,938,190</b>	<b>60,540,731</b>	<b>73,427,763</b>	<b>200,358,165</b>	<b>266,830,402</b>	<b>75,827,377</b>	<b>59,032,795</b>	<b>74,513,112</b>	<b>28,066,492</b>	<b>(489,818)</b>	<b>265,730,301</b>	<b>212,314,457</b>	<b>69,828,333</b>	<b>(98,498)</b>	<b>1,621,860,482</b>

Revenue Requirements  
Fiscal Year Ending 2022

	1	2	3	4	5	6	
	Labor And Labor Additive	Outside Services	Utilities	Chemicals	Other O&M	O&M Capitalization (pro-rated)	Projected Total To Be Functionalized
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
	Office of General Manager	5,269,432	300,000	-	-	200,050	5,525,717
	Office of General Manager	1,442,896	85,000	-	-	528,623	1,938,962
	Bay Delta Initiatives	5,542,239	2,883,916	-	-	1,283,271	9,299,195
	External Affairs	3,937,337	1,677,000	5,250	-	971,174	6,312,296
	External Affairs	4,982,458	270,400	-	-	398,840	5,410,993
	External Affairs	7,366,731	648,350	-	-	2,439,875	10,033,226
	External Affairs	3,814,052	927,500	-	-	1,421,299	5,902,466
	Human Resources	11,629,362	1,482,950	-	-	1,755,940	14,240,056
	Water Systems Operations	5,666,863	120,000	1,500,000	-	219,045	7,188,777
	Water Systems Operations	938,497	-	-	-	25,780	938,536
	Water Systems Operations	419,249	175,000	-	-	590,225	1,134,429
	Water Systems Operations	1,575,498	308,600	6,500	-	73,140	1,880,769
	Water Systems Operations	7,274,514	127,350	42,800	-	839,220	7,933,884
	Water Systems Operations	26,277,162	546,000	161,100	-	5,450,375	31,064,247
	Water Systems Operations	8,038,489	84,200	64,280	-	1,538,442	9,314,505
	Water Systems Operations	3,459,025	80,000	-	-	568,750	3,934,218
	Water Systems Operations	2,637,938	-	-	-	147,688	2,637,931
	Water Systems Operations	11,529,507	386,000	2,327,128	4,032,925	972,240	18,398,182
	Water Systems Operations	11,246,000	232,600	2,972,806	7,607,277	628,140	21,783,102
	Water Systems Operations	10,770,179	237,313	886,365	2,233,813	737,695	14,236,181
	Water Systems Operations	10,341,534	141,470	1,897,922	3,778,140	964,624	16,480,121
	Water Systems Operations	12,298,655	112,600	1,914,320	7,067,041	639,640	21,177,595
	Water Systems Operations	23,015,031	2,098,500	461,000	-	3,682,075	28,200,491
	Water Systems Operations	15,172,321	2,657,400	2,029,800	-	2,244,730	21,074,362
	Water Systems Operations	12,301,759	1,531,000	1,072,064	-	1,798,490	15,997,585
	Water Systems Operations	6,974,239	177,500	212,000	-	543,765	7,573,406
	Water Systems Operations	12,487,676	1,117,000	1,400,250	-	1,408,148	15,720,564
	Water Systems Operations	7,495,515	516,600	59,300	-	4,199,741	11,752,690
	Water Systems Operations	7,604,670	219,000	50,000	-	800,862	8,306,026
	Water Systems Operations	411,191	18,000	-	-	63,362	471,742
	Water Systems Operations	-	-	-	-	-	-
	Office of the Chief Financial Officer	12,901,565	2,061,100	-	-	13,870,566	27,615,004
	Business Technology	303,236	750,000	-	-	2,000	1,010,651
	Engineering Services	39,784,205	3,221,200	75,000	-	2,768,812	43,912,051
	Business Technology	19,305,476	16,719,200	1,432,000	-	3,710,100	39,427,446
	Business Technology	31,546,315	4,838,126	-	-	12,200,330	46,532,026
	Water Resources Management	4,555,053	554,000	-	-	216,162	5,100,212
	Water Resources Management	10,561,100	1,458,500	-	-	5,183,010	16,475,786
	Water Resources Management	2,707,517	2,000	-	-	108,890	2,699,327
	Ethics Office	1,518,887	102,000	-	-	59,000	1,608,910
	Real Property	8,990,103	2,723,800	116,800	-	8,086,049	19,075,253
	General Counsel	12,775,321	4,478,000	-	-	499,000	17,092,321
	General Auditor	4,159,651	500,000	-	-	90,500	4,549,453
	<b>Total Departmental O&amp;M</b>	<b>391,026,448</b>	<b>56,439,175</b>	<b>18,786,486</b>	<b>24,720,196</b>	<b>83,928,866</b>	<b>(24,203,498)</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
	Supply - O&M	-	-	-	-	-	92,381,352
	Supply - Capital	-	-	-	-	-	59,734,418
	Power - O&M & Off-Aq Capital	-	-	-	-	-	212,364,687
	Power - Capital (less Off-Aq)	-	-	-	-	-	(13,053,358)
	Transmission - Capital - Commodity, Demand, & Standby	-	-	-	-	-	65,697,195
	Transmission - O&M - Commodity only	-	-	-	-	-	182,860,883
	Delta Conveyance	-	-	-	-	-	25,000,000
	<b>Total State Water Contract</b>	-	-	-	-	-	<b>654,385,178</b>
<b>Colorado River Aqueduct Power Costs</b>							<b>57,585,160</b>
<b>Supply Programs</b>							<b>61,190,053</b>
<b>Demand Management</b>							
	Local Resources Program	-	-	-	-	-	20,346,694
	Future Supply Actions & Stormwater Pilot	-	-	-	-	-	7,145,000
	Conservation Program	-	-	-	-	-	25,000,000
	<b>Total Demand Management Costs</b>	-	-	-	-	-	<b>52,491,694</b>
<b>Capital Financing</b>							
	Revenue Bond Debt Service net of BABs Interest Subsidy Payment	-	-	-	-	-	292,668,300
	G.O. Bond Debt Service	-	-	-	-	-	8,239,175
	Debt Administration	-	-	-	-	-	6,083,846
	Bond Defeasance	-	-	-	-	-	135,000,000
	PAYGO	-	-	-	-	-	441,991,321
	<b>Total Capital Financing Costs</b>	-	-	-	-	-	<b>1,357,596,837</b>
<b>Regional Recycled Water Program planning costs</b>							<b>15,000,000</b>
<b>Other Operating Costs</b>							
	Operating Equipment	-	-	-	-	-	7,153,432
	Succession Planning Labor Pool	-	-	-	-	-	7,000,000
	OPEB/PERS Pre-Funding	-	-	-	-	-	-
	<b>Total Other Operating Costs</b>	-	-	-	-	-	<b>14,153,432</b>
<b>Increase/(Decrease) in Required Reserves</b>							<b>60,800,000</b>
<b>Total General District Requirements</b>							<b>1,357,596,837</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>							<b>1,908,294,511</b>
<b>Revenue Offsets</b>							
	Property Taxes - MWD Portion of SWP GO Debt Service	-	-	-	-	-	3,007,666
	Property Taxes - MWD GO Debt Service	-	-	-	-	-	8,239,175
	Interest on Investments	-	-	-	-	-	18,114,438
	Hydro-Power Revenue	-	-	-	-	-	11,147,905
	CRA Power Revenue	-	-	-	-	-	9,647,870
	Wadsworth Pumping Plant (DVL) Power Revenue	-	-	-	-	-	520,112
	Misc. allocated to A&G (C/WID, Lease, Late Fees, etc.)	-	-	-	-	-	16,798,248
	Misc. allocated to supply (P/WID Lease)	-	-	-	-	-	3,657,408
	Property Taxes - above GO Debt Service	-	-	-	-	-	128,812,532
	Revenue Reserve used for Revenue Bonds - I&P	-	-	-	-	-	-
	Amortization	-	-	-	-	-	-
	<b>Total Revenue Offsets</b>	-	-	-	-	-	<b>200,555,354</b>
<b>NET REVENUE REQUIREMENTS:</b>							<b>1,707,739,156</b>







Source of Supply			Conveyance & Aqueduct					Storage				Treatment					Distribution	Demand Management	Hydro-Electric	Administrative & General	Total \$ Functionalized		
CRA	SWP	Other Supply	CRA		SWP		Other	Storage Costs Other Than Power			Power	Jensen	Weymouth	Diemer	Mills	Skinner							
			CRA Power	CRA All Other	SWP Power	SWP All Other	Conv. & Aqueduct	Emergency	Drought	Regulatory													
<b>Departmental O&amp;M</b>																							
<b>Group</b>	<b>Item</b>																						
	Office of General Manager	85,326	151,016	134,279	56,728	489,256	-	182,682	69,957	69,672	49,277	36,539	-	-	-	267,726	297,270	307,464	211,227	249,269	1,045,924	109,802	
	Office of General Manager Board of Directors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Bay Delta Initiatives	-	-	-	-	-	-	5,542,239	-	-	-	-	-	-	-	-	-	-	-	-	-		
	External Affairs Legislative Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	External Affairs Media Communications Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	External Affairs Manager, External Affairs/Special P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	External Affairs Conservation & Community Service	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Human Resources	188,311	333,285	296,347	125,195	1,079,763	-	403,170	154,390	153,763	108,751	80,640	-	-	-	590,858	656,059	678,558	466,168	550,123	2,308,301	1,907,026	
	Water Systems Operations Office of the Manager	120,775	120,775	120,775	108,223	970,758	-	51,180	-	18,506	18,506	18,506	-	-	-	429,540	449,654	422,126	409,683	398,473	1,872,776	242,328	
	Water Systems Operations Office of the Manager, Conveyance	-	-	-	-	478,985	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Water Systems Operations Office of the Manager, Treatment S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Water Systems Operations Office of the Manager, Operations S	33,578	33,578	33,578	30,088	269,890	-	14,229	-	5,145	5,145	5,145	-	-	-	74,985	79,987	73,141	70,046	67,258	53,832		
	Water Systems Operations Operations Support Services	-	-	-	-	1,156,648	-	-	-	-	-	-	-	-	-	119,421	125,013	117,359	113,900	110,783	520,668		
	Water Systems Operations Desert Region / CAD CRA	-	-	-	-	26,277,162	-	-	-	-	-	-	-	-	-	80,020	80,020	80,020	80,020	80,020	5,623,200		
	Water Systems Operations System Operations Unit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Water Systems Operations Power Operations and Planning	-	-	-	3,420,975	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8,038,489		
	Water Systems Operations Operations Planning & Programs U	879,313	879,313	879,313	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Water Systems Operations Treatment Jensen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,480,389		
	Water Systems Operations Treatment Diemer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,443,986		
	Water Systems Operations Treatment Mills	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,382,891		
	Water Systems Operations Treatment Skinner	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9,387,288	1,327,853		
	Water Systems Operations Treatment Weymouth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,579,147		
	Water Systems Operations Water Quality Section	3,176,074	3,176,074	3,176,074	-	-	-	-	-	-	-	-	-	-	-	2,324,518	2,324,518	2,324,518	2,324,518	2,324,518	-		
	Water Systems Operations CAD, Eastern Unit	-	-	-	1,198,613	-	-	1,319,992	-	621,406	621,406	621,406	-	-	-	-	-	-	-	-	12,046,823		
	Water Systems Operations CAD, Western Unit	-	-	-	14,762	-	-	369,053	-	-	-	-	-	-	-	-	-	-	-	-	11,114,639		
	Water Systems Operations OSS, Manufacturing Services Unit	-	-	-	-	362,870	-	-	-	-	-	-	-	-	-	94,041	94,041	94,041	94,041	94,041	6,005,378		
	Water Systems Operations Environmental Health & Safety Sec	-	-	-	-	2,094,163	-	-	-	-	-	-	-	-	-	1,242,524	1,242,524	1,242,524	1,242,524	1,242,524	4,098,455		
	Water Systems Operations OSS, Fleet Services Unit	-	-	-	-	1,011,894	-	-	-	-	-	-	-	-	-	332,801	332,801	332,801	332,801	332,801	3,955,127		
	Water Systems Operations OSS, Power Support Unit	-	-	-	212,931	-	-	-	-	-	-	-	-	-	-	225,098	225,098	225,098	225,098	225,098	4,319,452		
	Water Systems Operations Office of the Manager, Operations &	8,764	8,764	8,764	7,853	70,439	-	3,714	-	1,343	1,343	1,343	-	-	-	31,168	32,627	30,630	29,727	28,913	135,890		
	Water Systems Operations Security Team & Security Managem	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Office of the Chief Financial Officer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Business Technology Office of Manager	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	303,236		
	Engineering Services	-	-	10,387,143	-	-	-	10,969,230	-	8,256,243	-	2,502,987	1,010,651	1,010,651	2,080,714	2,303,505	2,733,175	704,180	2,116,520	7,480,135	2,267,700		
	Business Technology Administrative Services	-	-	-	-	-	-	-	-	-	-	39,427,446	39,427,446	78,854,893	-	-	-	-	-	-	413,756		
	Business Technology Information Technology	510,820	904,083	1,373,047	-	11,770,750	-	9,236,096	969,617	463,228	12,394,207	37,621,848	1,602,787	1,779,655	1,840,686	1,264,546	1,492,287	6,261,597	657,350	314,044	8,402,634		
	Water Resources Management Resource Planning & Development	-	-	-	-	5,100	-	1,035,345	-	112,205	-	1,152,650	2,305,300	911	911	911	911	911	911	100,211	4,555,053		
	Water Resources Management Resource Implementation	1,308,520	4,614,145	-	-	-	-	6,236,085	-	19,771	-	12,178,521	23,048,521	-	-	-	-	-	-	3,997,376	10,561,100		
	Water Resources Management Office of the Group Manager	256,164	903,292	-	-	638	-	129,530	-	2,473	-	2,086,318	178,941,589	128	128	128	128	128	128	796,630	2,481		
	Ethics Office	-	-	-	-	-	-	-	-	-	-	1,608,910	1,608,910	3,217,820	-	-	-	-	-	-	1,518,887		
	Real Property	276,895	388,372	1,543,188	-	-	-	1,955,213	-	-	-	7,017,786	11,181,454	-	-	-	-	-	-	921,486	3,307,459		
	General Counsel	-	-	-	-	-	-	-	-	-	17,002,271	17,002,271	-	-	-	-	-	-	-	-	12,775,321		
	General Auditor	-	-	-	-	-	-	-	-	-	4,549,453	4,549,453	-	-	-	-	-	-	-	-	4,159,651		
	<b>Total Departmental O&amp;M</b>	<b>6,844,540</b>	<b>11,512,696</b>	<b>17,952,508</b>	<b>3,961,992</b>	<b>35,476,223</b>	<b>22,745,718</b>	<b>28,528,178</b>	<b>8,336,474</b>	<b>1,789,748</b>	<b>86,340,385</b>	<b>161,155,391</b>	<b>377,799,314</b>	<b>19,546,357</b>	<b>20,743,320</b>	<b>20,305,193</b>	<b>16,956,806</b>	<b>18,327,347</b>	<b>84,485,436</b>	<b>7,810,725</b>	<b>4,571,905</b>	<b>90,188,218</b>	<b>391,026,448</b>



Allocation of Revenue Requirements: Source Of Supply, CRA  
Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total
		Demand	Fixed Commodity	Standby	Variable Commodity	Other	
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		89,476	-	89,476	-	-	89,476
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		230,585	-	230,585	-	-	230,585
Water Systems Operations	Office of the Manager	153,211	-	153,211	-	-	153,211
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Service	40,084	-	40,084	-	-	40,084
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	889,310	-	889,310	-	-	889,310
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	3,866,828	-	3,866,828	-	-	3,866,828
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Sect	10,054	-	10,054	-	-	10,054
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial Office		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		-	-	-	-	-	-
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	753,479	-	753,479	-	-	753,479
Water Resources Management	Resource Planning & Development	-	-	-	-	-	-
Water Resources Management	Resource Implementation	2,041,350	-	2,041,350	-	-	2,041,350
Water Resources Management	Office of the Group Manager	255,389	-	255,389	-	-	255,389
Ethics Office		-	-	-	-	-	-
Real Property		587,518	-	587,518	-	-	587,518
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>8,917,284</b>		<b>8,917,284</b>			<b>8,917,284</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>							
<b>Colorado River Aqueduct Power Costs</b>							
<b>Supply Programs</b>		33,161,566		33,161,566			33,161,566
<b>Demand Management</b>							
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>							
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		-	-	-	-	-	-
G.O. Bond Debt Service		-	-	-	-	-	-
Debt Administration		-	-	-	-	-	-
Bond Defeasance		-	-	-	-	-	-
PAYGO		-	-	-	-	-	-
<b>Total Capital Financing Costs</b>							
<b>Regional Recycled Water Program planning costs</b>							
<b>Other Operating Costs</b>							
Operating Equipment		115,833		115,833			115,833
Succession Planning Labor Pool		113,349		113,349			113,349
OPEB/IBERS Pre-Funding		-		-			-
<b>Total Other Operating Costs</b>		229,182		229,182			229,182
<b>Increase/(Decrease) in Required Reserves</b>							
<b>Total General District Requirements</b>		33,390,748		33,390,748			33,390,748
<b>REQUIREMENTS BEFORE OFFSETS:</b>		42,308,032		42,308,032			42,308,032
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-		-			-
Property Taxes - MWD GO Debt Service		-		-			-
Interest on Investments		401,608		401,608			401,608
Hydro-Power Revenue		-		-			-
CRA Power Revenue		-		-			-
Wadsworth Pumping Plant (DVL) Power Revenue		-		-			-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-		-			-
Misc. allocated to supply (PVID Lease)		-		-			-
Property Taxes - above GO Debt Service		-		-			-
Revenue Reserve used for Revenue Bonds - I&P		-		-			-
Annexation		-		-			-
<b>Total Revenue Offsets</b>		401,608		401,608			401,608
<b>NET REVENUE REQUIREMENTS:</b>		41,906,424		41,906,424			41,906,424

**Direct Labor used for A&G Allocation**  
Allocation of Revenue Requirements: Source Of Supply, CRA  
Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total	
		Demand	Fixed		Variable Commodity	Other		Hydroelectric
			Commodity	Standby				
<b>Departmental O&amp;M</b>								
<b>Group</b>	<b>Item</b>							
Office of General Manager		85,326	-	85,326	-	-	85,326	
Office of General Manager	Board of Directors	-	-	-	-	-	-	
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-	
External Affairs	Legislative Services	-	-	-	-	-	-	
External Affairs	Media Communications Services	-	-	-	-	-	-	
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-	
External Affairs	Conservation & Community Services	-	-	-	-	-	-	
Human Resources		188,311	-	188,311	-	-	188,311	
Water Systems Operations	Office of the Manager	120,775	-	120,775	-	-	120,775	
Water Systems Operations	Office of the Manager, Conveyance & Distribution Sec	-	-	-	-	-	-	
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-	
Water Systems Operations	Office of the Manager, Operations Support Services	33,578	-	33,578	-	-	33,578	
Water Systems Operations	Operations Support Services	-	-	-	-	-	-	
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-	
Water Systems Operations	System Operations Unit	-	-	-	-	-	-	
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-	
Water Systems Operations	Operations Planning & Programs Unit	879,313	-	879,313	-	-	879,313	
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-	
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-	
Water Systems Operations	Treatment Mills	-	-	-	-	-	-	
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-	
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-	
Water Systems Operations	Water Quality Section	3,176,074	-	3,176,074	-	-	3,176,074	
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-	
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-	
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-	
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-	
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-	
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-	
Water Systems Operations	Office of the Manager, Operations & Planning Section	8,764	-	8,764	-	-	8,764	
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-	
Office of the Chief Financial Officer		-	-	-	-	-	-	
Business Technology	Office of Manager	-	-	-	-	-	-	
Engineering Services		-	-	-	-	-	-	
Business Technology	Administrative Services	-	-	-	-	-	-	
Business Technology	Information Technology	510,820	-	510,820	-	-	510,820	
Water Resources Management	Resource Planning & Development	-	-	-	-	-	-	
Water Resources Management	Resource Implementation	1,308,520	-	1,308,520	-	-	1,308,520	
Water Resources Management	Office of the Group Manager	256,164	-	256,164	-	-	256,164	
Ethics Office		-	-	-	-	-	-	
Real Property		276,895	-	276,895	-	-	276,895	
General Counsel		-	-	-	-	-	-	
General Auditor		-	-	-	-	-	-	
<b>Total Departmental O&amp;M</b>		<b>6,844,540</b>	<b>-</b>	<b>6,844,540</b>	<b>-</b>	<b>-</b>	<b>6,844,540</b>	

Allocation Percentages: Source Of Supply, SWP  
Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					% Total
		Demand	Commodity	Standby	Variable Commodity	Hydroelectric	
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		158,361	0.0%	100.0%	0.0%	0.0%	100.0%
Office of General Manager	Board of Directors	-	0.0%	100.0%	0.0%	0.0%	100.0%
Bay Delta Initiatives	Bay Delta Initiatives	-	0.0%	100.0%	0.0%	0.0%	100.0%
External Affairs	Legislative Services	-	0.0%	100.0%	0.0%	0.0%	100.0%
External Affairs	Media Communications Services	-	0.0%	100.0%	0.0%	0.0%	100.0%
External Affairs	Manager, External Affairs/Special Projects	-	0.0%	100.0%	0.0%	0.0%	100.0%
External Affairs	Conservation & Community Services	-	0.0%	100.0%	0.0%	0.0%	100.0%
Human Resources		408,104	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager	153,211	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Treatment Section	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Operations Support Services	40,084	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Operations Support Services	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Desert Region / C&D CRA	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	System Operations Unit	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Power Operations and Planning	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Operations Planning & Programs Unit	889,310	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Jensen	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Diemer	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Mills	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Skinner	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Weymouth	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Water Quality Section	3,866,828	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	C&D, Eastern Unit	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	C&D, Western Unit	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	OSS, Manufacturing Services Unit	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Environmental Health & Safety Section	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	OSS, Fleet Services Unit	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	OSS, Power Support Unit	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Operations & Planning Section	10,054	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Security Team & Security Management	-	0.0%	100.0%	0.0%	0.0%	100.0%
Office of the Chief Financial Officer		-	0.0%	100.0%	0.0%	0.0%	100.0%
Business Technology	Office of Manager	-	0.0%	100.0%	0.0%	0.0%	100.0%
Engineering Services		-	0.0%	100.0%	0.0%	0.0%	100.0%
Business Technology	Administrative Services	-	0.0%	100.0%	0.0%	0.0%	100.0%
Business Technology	Information Technology	1,333,557	0.0%	100.0%	0.0%	0.0%	100.0%
Water Resources Management	Resource Planning & Development	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Resources Management	Resource Implementation	7,198,271	0.0%	100.0%	0.0%	0.0%	100.0%
Water Resources Management	Office of the Group Manager	900,560	0.0%	100.0%	0.0%	0.0%	100.0%
Ethics Office		-	0.0%	100.0%	0.0%	0.0%	100.0%
Real Property		824,051	0.0%	100.0%	0.0%	0.0%	100.0%
General Counsel		-	0.0%	100.0%	0.0%	0.0%	100.0%
General Auditor		-	0.0%	100.0%	0.0%	0.0%	100.0%
<b>Total Departmental O&amp;M</b>		<b>15,782,391</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		92,381,352	0.0%	100.0%	0.0%	0.0%	100.0%
Supply - Capital		59,734,418	0.0%	100.0%	0.0%	0.0%	100.0%
Power - O&M & Off-Aq Capital		-	0.0%	100.0%	0.0%	0.0%	100.0%
Power - Capital (less Off-Aq)		-	0.0%	100.0%	0.0%	0.0%	100.0%
Transmission - Capital - Commodity, Demand, & Standby		-	0.0%	100.0%	0.0%	0.0%	100.0%
Transmission - O&M - Commodity only		-	0.0%	100.0%	0.0%	0.0%	100.0%
Delta Conveyance		-	0.0%	100.0%	0.0%	0.0%	100.0%
<b>Total State Water Contract</b>		<b>152,115,770</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Colorado River Aqueduct Power Costs</b>		-	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Supply Programs</b>		-	0.0%	100.0%	0.0%	0.0%	100.0%
<b>Demand Management</b>		-	0.0%	0.0%	0.0%	0.0%	0.0%
Local Resources Program		-	0.0%	100.0%	0.0%	0.0%	100.0%
Future Supply Actions & Stormwater Pilot		-	0.0%	100.0%	0.0%	0.0%	100.0%
Conservation Program		-	0.0%	100.0%	0.0%	0.0%	100.0%
<b>Total Demand Management Costs</b>		-	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Capital Financing</b>		-	0.0%	0.0%	0.0%	0.0%	0.0%
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		-	0.0%	0.0%	0.0%	0.0%	0.0%
G.O. Bond Debt Service		-	0.0%	0.0%	0.0%	0.0%	0.0%
Debt Administration		-	0.0%	0.0%	0.0%	0.0%	0.0%
Bond Defeasance		-	0.0%	0.0%	0.0%	0.0%	0.0%
PAYGO		-	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Total Capital Financing Costs</b>		-	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Regional Recycled Water Program planning costs</b>		-	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Other Operating Costs</b>							
Operating Equipment		205,009	0.0%	100.0%	0.0%	0.0%	100.0%
Succession Planning Labor Pool		200,612	0.0%	100.0%	0.0%	0.0%	100.0%
OPEB/PERS Pre-Funding		-	0.0%	100.0%	0.0%	0.0%	100.0%
<b>Total Other Operating Costs</b>		<b>405,622</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Increase(Decrease) in Required Reserves</b>		-	0.0%	100.0%	0.0%	0.0%	100.0%
<b>Total General District Requirements</b>		<b>152,521,392</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>168,303,783</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	0.0%	0.0%	0.0%	0.0%	0.0%
Property Taxes - MWD GO Debt Service		-	0.0%	0.0%	0.0%	0.0%	0.0%
Interest on Investments		1,597,619	0.0%	100.0%	0.0%	0.0%	100.0%
Hydro-Power Revenue		-	0.0%	0.0%	0.0%	100.0%	100.0%
CRA Power Revenue		-	0.0%	0.0%	0.0%	0.0%	0.0%
Wadsworth Pumping Plant (DVL) Power Revenue		-	0.0%	0.0%	0.0%	0.0%	0.0%
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	0.0%	0.0%	0.0%	0.0%	0.0%
Misc. allocated to supply (PVID Lease)		3,667,408	0.0%	100.0%	0.0%	0.0%	100.0%
Property Taxes - above GO Debt Service		42,787,481	0.0%	100.0%	0.0%	0.0%	100.0%
Revenue Reserve used for Revenue Bonds - I&P		-	0.0%	0.0%	0.0%	0.0%	0.0%
Annexation		-	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Total Revenue Offsets</b>		<b>48,052,508</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>120,251,275</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>

Allocation of Revenue Requirements: Source Of Supply, SWP  
Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		158,361	-	158,361	-	-	158,361
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		408,104	-	408,104	-	-	408,104
Water Systems Operations	Office of the Manager	153,211	-	153,211	-	-	153,211
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Service	40,084	-	40,084	-	-	40,084
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	889,310	-	889,310	-	-	889,310
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	3,866,828	-	3,866,828	-	-	3,866,828
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Sect	10,054	-	10,054	-	-	10,054
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		-	-	-	-	-	-
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	1,333,557	-	1,333,557	-	-	1,333,557
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	7,198,271	-	7,198,271	-	-	7,198,271
Water Resources Managemen	Office of the Group Manager	900,560	-	900,560	-	-	900,560
Ethics Office		-	-	-	-	-	-
Real Property		824,051	-	824,051	-	-	824,051
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>15,782,391</b>	-	<b>15,782,391</b>	-	-	<b>15,782,391</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		92,381,352	-	92,381,352	-	-	92,381,352
Supply - Capital		59,734,418	-	59,734,418	-	-	59,734,418
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>		<b>152,115,770</b>	-	<b>152,115,770</b>	-	-	<b>152,115,770</b>
<b>Colorado River Aqueduct Power Costs</b>							
<b>Supply Programs</b>							
<b>Demand Management</b>							
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>							
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		-	-	-	-	-	-
G.O. Bond Debt Service		-	-	-	-	-	-
Debt Administration		-	-	-	-	-	-
Bond Defeasance		-	-	-	-	-	-
PAYGO		-	-	-	-	-	-
<b>Total Capital Financing Costs</b>							
<b>Regional Recycled Water Program planning costs</b>							
<b>Other Operating Costs</b>							
Operating Equipment		205,009	-	205,009	-	-	205,009
Succession Planning Labor Pool		200,612	-	200,612	-	-	200,612
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		<b>405,622</b>	-	<b>405,622</b>	-	-	<b>405,622</b>
<b>Increase/(Decrease) in Required Reserves</b>							
<b>Total General District Requirements</b>		<b>152,521,392</b>	-	<b>152,521,392</b>	-	-	<b>152,521,392</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>168,303,783</b>	-	<b>168,303,783</b>	-	-	<b>168,303,783</b>
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		-	-	-	-	-	-
Interest on Investments		1,597,619	-	1,597,619	-	-	1,597,619
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		3,667,408	-	3,667,408	-	-	3,667,408
Property Taxes - above GO Debt Service		42,787,481	-	42,787,481	-	-	42,787,481
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		<b>48,052,508</b>	-	<b>48,052,508</b>	-	-	<b>48,052,508</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>120,251,275</b>	-	<b>120,251,275</b>	-	-	<b>120,251,275</b>

**Direct Labor used for A&G Allocation**  
 Allocation of Revenue Requirements: Source Of Supply, SWP  
 Fiscal Year Ending 2022

Departmental O&M	Group	Item	Functionalization	Allocation Percentages					Total	
				Demand	Fixed			Variable Commodity		Hydroelectric
					Commodity	Standby	Commodity			
	Office of General Manager		151,016	-	151,016	-	-	-	151,016	
	Office of General Manager	Board of Directors	-	-	-	-	-	-	-	
	Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-	-	
	External Affairs	Legislative Services	-	-	-	-	-	-	-	
	External Affairs	Media Communications Services	-	-	-	-	-	-	-	
	External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-	-	
	External Affairs	Conservation & Community Services	-	-	-	-	-	-	-	
	Human Resources		333,285	-	333,285	-	-	-	333,285	
	Water Systems Operations	Office of the Manager	120,775	-	120,775	-	-	-	120,775	
	Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	-	-	-	-	-	-	
	Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-	-	
	Water Systems Operations	Office of the Manager, Operations Support Services	33,578	-	33,578	-	-	-	33,578	
	Water Systems Operations	Operations Support Services	-	-	-	-	-	-	-	
	Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-	-	
	Water Systems Operations	System Operations Unit	-	-	-	-	-	-	-	
	Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-	-	
	Water Systems Operations	Operations Planning & Programs Unit	879,313	-	879,313	-	-	-	879,313	
	Water Systems Operations	Treatment Jensen	-	-	-	-	-	-	-	
	Water Systems Operations	Treatment Diemer	-	-	-	-	-	-	-	
	Water Systems Operations	Treatment Mills	-	-	-	-	-	-	-	
	Water Systems Operations	Treatment Skinner	-	-	-	-	-	-	-	
	Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-	-	
	Water Systems Operations	Water Quality Section	3,176,074	-	3,176,074	-	-	-	3,176,074	
	Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-	-	
	Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-	-	
	Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-	-	
	Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-	-	
	Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-	-	
	Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-	-	
	Water Systems Operations	Office of the Manager, Operations & Planning Section	8,764	-	8,764	-	-	-	8,764	
	Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-	-	
	Office of the Chief Financial O		-	-	-	-	-	-	-	
	Business Technology	Office of Manager	-	-	-	-	-	-	-	
	Engineering Services		-	-	-	-	-	-	-	
	Business Technology	Administrative Services	-	-	-	-	-	-	-	
	Business Technology	Information Technology	904,083	-	904,083	-	-	-	904,083	
	Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-	-	
	Water Resources Managemen	Resource Implementation	4,614,145	-	4,614,145	-	-	-	4,614,145	
	Water Resources Managemen	Office of the Group Manager	903,292	-	903,292	-	-	-	903,292	
	Ethics Office		-	-	-	-	-	-	-	
	Real Property		388,372	-	388,372	-	-	-	388,372	
	General Counsel		-	-	-	-	-	-	-	
	General Auditor		-	-	-	-	-	-	-	
	<b>Total Departmental O&amp;M</b>		<b>11,512,696</b>	<b>-</b>	<b>11,512,696</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>11,512,696</b>	



Allocation Percentages: Source Of Supply - Other Supply  
Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					% Total
		Fixed			Variable	Hydroelectric	
		Demand	Commodity	Standby	Commodity		
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		140,810	0.0%	100.0%	0.0%	0.0%	100.0%
Office of General Manager	Board of Directors	-	0.0%	100.0%	0.0%	0.0%	100.0%
Bay Delta Initiatives	Bay Delta Initiatives	-	0.0%	100.0%	0.0%	0.0%	100.0%
External Affairs	Legislative Services	-	0.0%	100.0%	0.0%	0.0%	100.0%
External Affairs	Media Communications Services	-	0.0%	100.0%	0.0%	0.0%	100.0%
External Affairs	Manager, External Affairs/Special Projects	-	0.0%	100.0%	0.0%	0.0%	100.0%
External Affairs	Conservation & Community Services	-	0.0%	100.0%	0.0%	0.0%	100.0%
Human Resources		362,875	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager	153,211	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Treatment Section	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Operations Support Services	40,084	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Operations Support Services	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Desert Region / C&D CRA	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	System Operations Unit	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Power Operations and Planning	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Operations Planning & Programs Unit	889,310	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Jensen	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Diemer	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Mills	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Skinner	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Weymouth	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Water Quality Section	3,866,828	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	C&D, Eastern Unit	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	C&D, Western Unit	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	OSS, Manufacturing Services Unit	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Environmental Health & Safety Section	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	OSS, Fleet Services Unit	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	OSS, Power Support Unit	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Operations & Planning Section	10,054	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Security Team & Security Management	-	0.0%	100.0%	0.0%	0.0%	100.0%
Office of the Chief Financial Officer		-	0.0%	100.0%	0.0%	0.0%	100.0%
Business Technology	Office of Manager	-	0.0%	100.0%	0.0%	0.0%	100.0%
Engineering Services		1,839,915	0.0%	100.0%	0.0%	0.0%	100.0%
Business Technology	Administrative Services	-	0.0%	100.0%	0.0%	0.0%	100.0%
Business Technology	Information Technology	1,185,760	0.0%	100.0%	0.0%	0.0%	100.0%
Water Resources Management	Resource Planning & Development	3,947,571	0.0%	100.0%	0.0%	0.0%	100.0%
Water Resources Management	Resource Implementation	980,309	0.0%	100.0%	0.0%	0.0%	100.0%
Water Resources Management	Office of the Group Manager	616,516	0.0%	100.0%	0.0%	0.0%	100.0%
Ethics Office		-	0.0%	100.0%	0.0%	0.0%	100.0%
Real Property		-	0.0%	100.0%	0.0%	0.0%	100.0%
General Counsel		-	0.0%	100.0%	0.0%	0.0%	100.0%
General Auditor		-	0.0%	100.0%	0.0%	0.0%	100.0%
<b>Total Departmental O&amp;M</b>		<b>14,033,243</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	0.0%	0.0%	0.0%	0.0%	0.0%
Supply - Capital		-	0.0%	0.0%	0.0%	0.0%	0.0%
Power - O&M & Off-Aq Capital		-	0.0%	0.0%	0.0%	0.0%	0.0%
Power - Capital (less Off-Aq)		-	0.0%	0.0%	0.0%	0.0%	0.0%
Transmission - Capital - Commodity, Demand, & Standby		-	0.0%	0.0%	0.0%	0.0%	0.0%
Transmission - O&M - Commodity only		-	0.0%	0.0%	0.0%	0.0%	0.0%
Delta Conveyance		-	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Total State Water Contract</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Colorado River Aqueduct Power Costs</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Supply Programs</b>		<b>1,250,000</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>
<b>Demand Management</b>							
Local Resources Program		-	0.0%	0.0%	0.0%	0.0%	0.0%
Future Supply Actions & Stormwater Pilot		-	0.0%	100.0%	0.0%	0.0%	100.0%
Conservation Program		-	0.0%	100.0%	0.0%	0.0%	100.0%
<b>Total Demand Management Costs</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		12,262,802	0.0%	100.0%	0.0%	0.0%	100.0%
G.O. Bond Debt Service		-	0.0%	100.0%	0.0%	0.0%	100.0%
Debt Administration		254,913	0.0%	100.0%	0.0%	0.0%	100.0%
Bond Defeasance		-	0.0%	100.0%	0.0%	0.0%	100.0%
PAYGO		5,656,500	0.0%	100.0%	0.0%	0.0%	100.0%
<b>Total Capital Financing Costs</b>		<b>18,174,215</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Regional Recycled Water Program planning costs</b>		<b>5,626,290</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>
<b>Other Operating Costs</b>							
Operating Equipment		182,288	0.0%	100.0%	0.0%	0.0%	100.0%
Succession Planning Labor Pool		178,379	0.0%	100.0%	0.0%	0.0%	100.0%
OPEB/PERS Pre-Funding		-	0.0%	100.0%	0.0%	0.0%	100.0%
<b>Total Other Operating Costs</b>		<b>360,667</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Increase/(Decrease) in Required Reserves</b>		<b>-</b>	<b>0.0%</b>	<b>100.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>
<b>Total General District Requirements</b>		<b>25,411,172</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>39,444,414</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	100.0%	0.0%	0.0%	0.0%	100.0%
Property Taxes - MWD GO Debt Service		-	100.0%	0.0%	0.0%	0.0%	100.0%
Interest on Investments		374,425	0.0%	100.0%	0.0%	0.0%	100.0%
Hydro-Power Revenue		-	0.0%	0.0%	0.0%	0.0%	0.0%
CRA Power Revenue		-	0.0%	0.0%	0.0%	0.0%	0.0%
Wadsworth Pumping Plant (DVL) Power Revenue		-	0.0%	0.0%	0.0%	0.0%	0.0%
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	0.0%	0.0%	0.0%	0.0%	0.0%
Misc. allocated to supply (PVID Lease)		-	0.0%	0.0%	0.0%	0.0%	0.0%
Property Taxes - above GO Debt Service		-	0.0%	0.0%	0.0%	0.0%	0.0%
Revenue Reserve used for Revenue Bonds - I&P		-	0.0%	0.0%	0.0%	0.0%	0.0%
Annexation		-	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Total Revenue Offsets</b>		<b>374,425</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>39,069,989</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>

Allocation of Revenue Requirements: Source Of Supply - Other Supply  
 Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager	Office of General Manager	140,810	-	140,810	-	-	140,810
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		362,875	-	362,875	-	-	362,875
Water Systems Operations	Office of the Manager	153,211	-	153,211	-	-	153,211
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Service	40,084	-	40,084	-	-	40,084
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	889,310	-	889,310	-	-	889,310
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	3,866,828	-	3,866,828	-	-	3,866,828
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Sect	10,054	-	10,054	-	-	10,054
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		1,839,915	-	1,839,915	-	-	1,839,915
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	1,185,760	-	1,185,760	-	-	1,185,760
Water Resources Managemen	Resource Planning & Development	3,947,571	-	3,947,571	-	-	3,947,571
Water Resources Managemen	Resource Implementation	980,309	-	980,309	-	-	980,309
Water Resources Managemen	Office of the Group Manager	616,516	-	616,516	-	-	616,516
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>14,033,243</b>	-	<b>14,033,243</b>	-	-	<b>14,033,243</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>							
<b>Colorado River Aqueduct Power Costs</b>							
<b>Supply Programs</b>		<b>1,250,000</b>	-	<b>1,250,000</b>	-	-	<b>1,250,000</b>
<b>Demand Management</b>							
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>							
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		12,262,802	-	12,262,802	-	-	12,262,802
G.O. Bond Debt Service		-	-	-	-	-	-
Debt Administration		254,913	-	254,913	-	-	254,913
Bond Defeasance		-	-	-	-	-	-
PAYGO		5,656,500	-	5,656,500	-	-	5,656,500
<b>Total Capital Financing Costs</b>		<b>18,174,215</b>	-	<b>18,174,215</b>	-	-	<b>18,174,215</b>
<b>Regional Recycled Water Program planning costs</b>		<b>5,626,290</b>	-	<b>5,626,290</b>	-	-	<b>5,626,290</b>
<b>Other Operating Costs</b>							
Operating Equipment		182,288	-	182,288	-	-	182,288
Succession Planning Labor Pool		178,379	-	178,379	-	-	178,379
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		<b>360,667</b>	-	<b>360,667</b>	-	-	<b>360,667</b>
<b>Increase/(Decrease) in Required Reserves</b>							
		-	-	-	-	-	-
<b>Total General District Requirements</b>		<b>25,411,172</b>	-	<b>25,411,172</b>	-	-	<b>25,411,172</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>39,444,414</b>	-	<b>39,444,414</b>	-	-	<b>39,444,414</b>
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		-	-	-	-	-	-
Interest on Investments		374,425	-	374,425	-	-	374,425
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		<b>374,425</b>	-	<b>374,425</b>	-	-	<b>374,425</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>39,069,989</b>	-	<b>39,069,989</b>	-	-	<b>39,069,989</b>

**Direct Labor used for A&G Allocation**  
Allocation of Revenue Requirements: Source Of Supply - Other Supply  
Fiscal Year Ending 2022

		Functionalization	Allocation Percentages				Total
			Demand	Fixed Commodity	Standby	Variable Commodity	
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		134,279	-	134,279	-	-	134,279
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		296,347	-	296,347	-	-	296,347
Water Systems Operations	Office of the Manager	120,775	-	120,775	-	-	120,775
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Services	33,578	-	33,578	-	-	33,578
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	879,313	-	879,313	-	-	879,313
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	3,176,074	-	3,176,074	-	-	3,176,074
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Section	8,764	-	8,764	-	-	8,764
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		1,666,958	-	1,666,958	-	-	1,666,958
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	803,884	-	803,884	-	-	803,884
Water Resources Managemen	Resource Planning & Development	3,525,611	-	3,525,611	-	-	3,525,611
Water Resources Managemen	Resource Implementation	628,385	-	628,385	-	-	628,385
Water Resources Managemen	Office of the Group Manager	618,387	-	618,387	-	-	618,387
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>11,892,355</b>	<b>-</b>	<b>11,892,355</b>	<b>-</b>	<b>-</b>	<b>11,892,355</b>



Allocation of Revenue Requirements: C&A, CRA Power  
Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager	Office of General Manager	59,487	-	59,487	-	-	59,487
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		153,300	-	153,300	-	-	153,300
Water Systems Operations	Office of the Manager	137,288	-	137,288	-	-	137,288
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Service	35,918	-	35,918	-	-	35,918
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	3,890,941	-	3,890,941	-	-	3,890,941
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	-	-	-	-	-	-
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	232,625	-	232,625	-	-	232,625
Water Systems Operations	Office of the Manager, Operations & Planning Sect	9,009	-	9,009	-	-	9,009
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		908,979	-	908,979	-	-	908,979
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	500,936	-	500,936	-	-	500,936
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>5,928,483</b>	-	<b>5,928,483</b>	-	-	<b>5,928,483</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>							
<b>Colorado River Aqueduct Power Costs</b>		<b>57,585,160</b>	-	-	<b>57,585,160</b>	-	<b>57,585,160</b>
<b>Supply Programs</b>							
<b>Demand Management</b>							
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>							
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		6,058,234	-	6,058,234	-	-	6,058,234
G.O. Bond Debt Service		-	-	-	-	-	-
Debt Administration		125,936	-	125,936	-	-	125,936
Bond Defeasance		-	-	-	-	-	-
PAYGO		2,794,500	-	2,794,500	-	-	2,794,500
<b>Total Capital Financing Costs</b>		<b>8,978,669</b>	-	<b>8,978,669</b>	-	-	<b>8,978,669</b>
<b>Regional Recycled Water Program planning costs</b>							
<b>Other Operating Costs</b>							
Operating Equipment		77,010	-	77,010	-	-	77,010
Succession Planning Labor Pool		75,358	-	75,358	-	-	75,358
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		<b>152,367</b>	-	<b>152,367</b>	-	-	<b>152,367</b>
<b>Increase/(Decrease) in Required Reserves</b>							
<b>Total General District Requirements</b>		<b>66,716,197</b>	-	<b>9,131,037</b>	-	<b>57,585,160</b>	<b>66,716,197</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>72,644,679</b>	-	<b>15,059,520</b>	-	<b>57,585,160</b>	<b>72,644,679</b>
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		-	-	-	-	-	-
Interest on Investments		689,578	-	-	689,578	-	689,578
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		9,647,870	-	-	9,647,870	-	9,647,870
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		<b>10,337,448</b>	-	-	<b>10,337,448</b>	-	<b>10,337,448</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>62,307,232</b>	-	<b>15,059,520</b>	-	<b>47,247,712</b>	<b>62,307,232</b>

**Direct Labor used for A&G Allocation**  
 Allocation of Revenue Requirements: C&A, CRA Power  
 Fiscal Year Ending 2022

Departmental O&M	Group	Item	Functionalization	Allocation Percentages					Total	
				Demand	Fixed			Variable Commodity		Hydroelectric
					Commodity	Standby	Commodity			
	Office of General Manager		56,728	-	56,728	-	-	-	56,728	
	Office of General Manager	Board of Directors	-	-	-	-	-	-	-	
	Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-	-	
	External Affairs	Legislative Services	-	-	-	-	-	-	-	
	External Affairs	Media Communications Services	-	-	-	-	-	-	-	
	External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-	-	
	External Affairs	Conservation & Community Services	-	-	-	-	-	-	-	
	Human Resources		125,195	-	125,195	-	-	-	125,195	
	Water Systems Operations	Office of the Manager	108,223	-	108,223	-	-	-	108,223	
	Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	-	-	-	-	-	-	
	Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-	-	
	Water Systems Operations	Office of the Manager, Operations Support Services	30,088	-	30,088	-	-	-	30,088	
	Water Systems Operations	Operations Support Services	-	-	-	-	-	-	-	
	Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-	-	
	Water Systems Operations	System Operations Unit	-	-	-	-	-	-	-	
	Water Systems Operations	Power Operations and Planning	3,420,975	-	3,420,975	-	-	-	3,420,975	
	Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-	-	
	Water Systems Operations	Treatment Jensen	-	-	-	-	-	-	-	
	Water Systems Operations	Treatment Diemer	-	-	-	-	-	-	-	
	Water Systems Operations	Treatment Mills	-	-	-	-	-	-	-	
	Water Systems Operations	Treatment Skinner	-	-	-	-	-	-	-	
	Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-	-	
	Water Systems Operations	Water Quality Section	-	-	-	-	-	-	-	
	Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-	-	
	Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-	-	
	Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-	-	
	Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-	-	
	Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-	-	
	Water Systems Operations	OSS, Power Support Unit	212,931	-	212,931	-	-	-	212,931	
	Water Systems Operations	Office of the Manager, Operations & Planning Section	7,853	-	7,853	-	-	-	7,853	
	Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-	-	
	Office of the Chief Financial O		-	-	-	-	-	-	-	
	Business Technology	Office of Manager	-	-	-	-	-	-	-	
	Engineering Services		823,533	-	823,533	-	-	-	823,533	
	Business Technology	Administrative Services	-	-	-	-	-	-	-	
	Business Technology	Information Technology	339,609	-	339,609	-	-	-	339,609	
	Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-	-	
	Water Resources Managemen	Resource Implementation	-	-	-	-	-	-	-	
	Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-	-	
	Ethics Office		-	-	-	-	-	-	-	
	Real Property		-	-	-	-	-	-	-	
	General Counsel		-	-	-	-	-	-	-	
	General Auditor		-	-	-	-	-	-	-	
	<b>Total Departmental O&amp;M</b>		<b>5,125,134</b>	<b>-</b>	<b>5,125,134</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,125,134</b>	

	Functionalization	Allocation Percentages					% Total
		Demand	Commodity	Standby	Variable Commodity	Hydroelectric	
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		513,052	0.0%	100.0%	0.0%	0.0%	100.0%
Office of General Manager	Board of Directors	-	0.0%	100.0%	0.0%	0.0%	100.0%
Bay Delta Initiatives	Bay Delta Initiatives	-	0.0%	100.0%	0.0%	0.0%	100.0%
External Affairs	Legislative Services	-	0.0%	100.0%	0.0%	0.0%	100.0%
External Affairs	Media Communications Services	-	0.0%	100.0%	0.0%	0.0%	100.0%
External Affairs	Manager, External Affairs/Special Projects	-	0.0%	100.0%	0.0%	0.0%	100.0%
External Affairs	Conservation & Community Services	-	0.0%	100.0%	0.0%	0.0%	100.0%
Human Resources		1,322,161	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager	1,231,468	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	472,333	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Treatment Section	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Operations Support Services	322,184	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Operations Support Services	1,261,488	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Desert Region / C&D CRA	31,064,247	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	System Operations Unit	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Power Operations and Planning	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Operations Planning & Programs Unit	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Jensen	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Diemer	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Mills	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Skinner	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Weymouth	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Water Quality Section	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	C&D, Eastern Unit	1,664,875	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	C&D, Western Unit	19,197	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	OSS, Manufacturing Services Unit	394,044	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Environmental Health & Safety Section	2,636,339	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	OSS, Fleet Services Unit	1,586,613	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	OSS, Power Support Unit	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Operations & Planning Section	80,811	0.0%	100.0%	0.0%	0.0%	100.0%
Water Systems Operations	Security Team & Security Management	-	0.0%	100.0%	0.0%	0.0%	100.0%
Office of the Chief Financial Officer		-	0.0%	100.0%	0.0%	0.0%	100.0%
Business Technology	Office of Manager	-	0.0%	100.0%	0.0%	0.0%	100.0%
Engineering Services		1,523,748	0.0%	100.0%	0.0%	0.0%	100.0%
Business Technology	Administrative Services	-	0.0%	100.0%	0.0%	0.0%	100.0%
Business Technology	Information Technology	4,320,407	0.0%	100.0%	0.0%	0.0%	100.0%
Water Resources Management	Resource Planning & Development	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Resources Management	Resource Implementation	-	0.0%	100.0%	0.0%	0.0%	100.0%
Water Resources Management	Office of the Group Manager	-	0.0%	100.0%	0.0%	0.0%	100.0%
Ethics Office		-	0.0%	100.0%	0.0%	0.0%	100.0%
Real Property		2,718,224	0.0%	100.0%	0.0%	0.0%	100.0%
General Counsel		-	0.0%	100.0%	0.0%	0.0%	100.0%
General Auditor		-	0.0%	100.0%	0.0%	0.0%	100.0%
<b>Total Departmental O&amp;M</b>		<b>51,131,191</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	0.0%	0.0%	0.0%	0.0%	0.0%
Supply - Capital		-	0.0%	0.0%	0.0%	0.0%	0.0%
Power - O&M & Off-Aq Capital		-	0.0%	0.0%	0.0%	0.0%	0.0%
Power - Capital (less Off-Aq)		-	0.0%	0.0%	0.0%	0.0%	0.0%
Transmission - Capital - Commodity, Demand, & Standby		-	0.0%	0.0%	0.0%	0.0%	0.0%
Transmission - O&M - Commodity only		-	0.0%	0.0%	0.0%	0.0%	0.0%
Delta Conveyance		-	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Total State Water Contract</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Colorado River Aqueduct Power Costs</b>							
		-	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Supply Programs</b>							
		-	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Demand Management</b>							
Local Resources Program		-	0.0%	0.0%	0.0%	0.0%	0.0%
Future Supply Actions & Stormwater Pilot		-	0.0%	100.0%	0.0%	0.0%	100.0%
Conservation Program		-	0.0%	100.0%	0.0%	0.0%	100.0%
<b>Total Demand Management Costs</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		10,155,590	17.8%	49.3%	32.9%	0.0%	100.0%
G.O. Bond Debt Service		-	17.8%	49.3%	32.9%	0.0%	100.0%
Debt Administration	211,109	-	17.8%	49.3%	32.9%	0.0%	100.0%
Bond Defeasance	-	-	17.8%	49.3%	32.9%	0.0%	100.0%
PAYGO	4,684,500	-	17.8%	49.3%	32.9%	0.0%	100.0%
<b>Total Capital Financing Costs</b>		<b>15,051,199</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Regional Recycled Water Program planning costs</b>							
		-	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Other Operating Costs</b>							
Operating Equipment		664,182	0.0%	100.0%	0.0%	0.0%	100.0%
Succession Planning Labor Pool		649,936	0.0%	100.0%	0.0%	0.0%	100.0%
OPEB/PERS Pre-Funding		-	0.0%	100.0%	0.0%	0.0%	100.0%
<b>Total Other Operating Costs</b>		<b>1,314,118</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Increase/(Decrease) in Required Reserves</b>							
		-	16.3%	53.4%	30.3%	0.0%	100.0%
<b>Total General District Requirements</b>		<b>16,365,318</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>							
		<b>67,496,508</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	0.0%	0.0%	0.0%	0.0%	0.0%
Property Taxes - MWD GO Debt Service		-	0.0%	0.0%	0.0%	0.0%	0.0%
Interest on Investments	640,709	-	17.8%	49.3%	32.9%	0.0%	100.0%
Hydro-Power Revenue	-	-	0.0%	0.0%	0.0%	0.0%	0.0%
CRA Power Revenue	-	-	0.0%	0.0%	0.0%	0.0%	0.0%
Wadsworth Pumping Plant (DVL) Power Revenue	-	-	0.0%	0.0%	0.0%	0.0%	0.0%
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)	-	-	0.0%	0.0%	0.0%	0.0%	0.0%
Misc. allocated to supply (PVID Lease)	-	-	4.0%	88.7%	7.3%	0.0%	100.0%
Property Taxes - above GO Debt Service	-	-	17.8%	49.3%	32.9%	0.0%	100.0%
Revenue Reserve used for Revenue Bonds - I&P	-	-	50.0%	50.0%	0.0%	0.0%	100.0%
Annexation	-	-	17.8%	49.3%	32.9%	0.0%	100.0%
<b>Total Revenue Offsets</b>		<b>640,709</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>66,855,799</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>

Allocation of Revenue Requirements: C&A, CRA All Other  
Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		513,052	-	513,052	-	-	513,052
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		1,322,161	-	1,322,161	-	-	1,322,161
Water Systems Operations	Office of the Manager	1,231,468	-	1,231,468	-	-	1,231,468
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	472,333	-	472,333	-	-	472,333
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Service	322,184	-	322,184	-	-	322,184
Water Systems Operations	Operations Support Services	1,261,488	-	1,261,488	-	-	1,261,488
Water Systems Operations	Desert Region / C&D CRA	31,064,247	-	31,064,247	-	-	31,064,247
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	-	-	-	-	-	-
Water Systems Operations	C&D, Eastern Unit	1,664,875	-	1,664,875	-	-	1,664,875
Water Systems Operations	C&D, Western Unit	19,197	-	19,197	-	-	19,197
Water Systems Operations	OSS, Manufacturing Services Unit	394,044	-	394,044	-	-	394,044
Water Systems Operations	Environmental Health & Safety Section	2,636,339	-	2,636,339	-	-	2,636,339
Water Systems Operations	OSS, Fleet Services Unit	1,586,613	-	1,586,613	-	-	1,586,613
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Sect	80,811	-	80,811	-	-	80,811
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		1,523,748	-	1,523,748	-	-	1,523,748
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	4,320,407	-	4,320,407	-	-	4,320,407
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		2,718,224	-	2,718,224	-	-	2,718,224
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>51,131,191</b>		<b>51,131,191</b>			<b>51,131,191</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>							
<b>Colorado River Aqueduct Power Costs</b>							
<b>Supply Programs</b>							
<b>Demand Management</b>							
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>							
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		10,155,590	1,803,076	5,008,546	3,343,968	-	10,155,590
G.O. Bond Debt Service		-	-	-	-	-	-
Debt Administration		211,109	37,481	104,115	69,513	-	211,109
Bond Defeasance		-	-	-	-	-	-
PAYGO		4,684,500	831,711	2,310,307	1,542,482	-	4,684,500
<b>Total Capital Financing Costs</b>		<b>15,051,199</b>	<b>2,672,268</b>	<b>7,422,968</b>	<b>4,955,963</b>		<b>15,051,199</b>
<b>Regional Recycled Water Program planning costs</b>							
<b>Other Operating Costs</b>							
Operating Equipment		664,182	-	664,182	-	-	664,182
Succession Planning Labor Pool		649,936	-	649,936	-	-	649,936
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		<b>1,314,118</b>		<b>1,314,118</b>			<b>1,314,118</b>
<b>Increase/(Decrease) in Required Reserves</b>							
<b>Total General District Requirements</b>		<b>16,365,318</b>	<b>2,672,268</b>	<b>8,737,086</b>	<b>4,955,963</b>		<b>16,365,318</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>67,496,508</b>	<b>2,672,268</b>	<b>59,868,277</b>	<b>4,955,963</b>		<b>67,496,508</b>
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		-	-	-	-	-	-
Interest on Investments		640,709	113,755	315,986	210,969	-	640,709
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		<b>640,709</b>	<b>113,755</b>	<b>315,986</b>	<b>210,969</b>		<b>640,709</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>66,855,799</b>	<b>2,558,514</b>	<b>59,552,291</b>	<b>4,744,995</b>		<b>66,855,799</b>



**Direct Labor used for A&G Allocation**  
 Allocation of Revenue Requirements: C&A, CRA All Other  
 Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		489,256	-	489,256	-	-	489,256
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		1,079,763	-	1,079,763	-	-	1,079,763
Water Systems Operations	Office of the Manager	970,758	-	970,758	-	-	970,758
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	479,985	-	479,985	-	-	479,985
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Services	269,890	-	269,890	-	-	269,890
Water Systems Operations	Operations Support Services	1,156,648	-	1,156,648	-	-	1,156,648
Water Systems Operations	Desert Region / C&D CRA	26,277,162	-	26,277,162	-	-	26,277,162
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	-	-	-	-	-	-
Water Systems Operations	C&D, Eastern Unit	1,198,613	-	1,198,613	-	-	1,198,613
Water Systems Operations	C&D, Western Unit	14,762	-	14,762	-	-	14,762
Water Systems Operations	OSS, Manufacturing Services Unit	362,870	-	362,870	-	-	362,870
Water Systems Operations	Environmental Health & Safety Section	2,094,183	-	2,094,183	-	-	2,094,183
Water Systems Operations	OSS, Fleet Services Unit	1,011,894	-	1,011,894	-	-	1,011,894
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Section	70,439	-	70,439	-	-	70,439
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		1,380,512	-	1,380,512	-	-	1,380,512
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	2,929,013	-	2,929,013	-	-	2,929,013
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		1,281,090	-	1,281,090	-	-	1,281,090
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>41,066,838</b>	<b>-</b>	<b>41,066,838</b>	<b>-</b>	<b>-</b>	<b>41,066,838</b>



Allocation of Revenue Requirements: C&A State Water Project Power  
Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total
		Demand	Fixed Commodity		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		-	-	-	-	-	-
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		-	-	-	-	-	-
Water Systems Operations	Office of the Manager	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Service	-	-	-	-	-	-
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	-	-	-	-	-	-
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Sect	-	-	-	-	-	-
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		-	-	-	-	-	-
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	-	-	-	-	-	-
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		-	-	-	-	-	-
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital	212,364,687	-	-	-	212,364,687	-	212,364,687
Power - Capital (less Off-Aq)	(13,053,358)	-	-	-	(13,053,358)	-	(13,053,358)
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>	199,311,329	-	-	-	199,311,329	-	199,311,329
<b>Colorado River Aqueduct Power Costs</b>							
<b>Supply Programs</b>							
<b>Demand Management</b>							
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>		-	-	-	-	-	-
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		-	-	-	-	-	-
G.O. Bond Debt Service		-	-	-	-	-	-
Debt Administration		-	-	-	-	-	-
Bond Defeasance		-	-	-	-	-	-
PAYGO		-	-	-	-	-	-
<b>Total Capital Financing Costs</b>		-	-	-	-	-	-
<b>Regional Recycled Water Program planning costs</b>							
<b>Other Operating Costs</b>							
Operating Equipment		-	-	-	-	-	-
Succession Planning Labor Pool		-	-	-	-	-	-
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		-	-	-	-	-	-
<b>Increase/(Decrease) in Required Reserves</b>							
<b>Total General District Requirements</b>	199,311,329	-	-	-	199,311,329	-	199,311,329
<b>REQUIREMENTS BEFORE OFFSETS:</b>	199,311,329	-	-	-	199,311,329	-	199,311,329
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		-	-	-	-	-	-
Interest on Investments	1,891,958	-	-	-	1,891,958	-	1,891,958
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>	1,891,958	-	-	-	1,891,958	-	1,891,958
<b>NET REVENUE REQUIREMENTS:</b>	197,419,371	-	-	-	197,419,371	-	197,419,371

**Direct Labor used for A&G Allocation**  
 Allocation of Revenue Requirements: C&A State Water Project Power  
 Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total
		Demand	Fixed Commodity	Standby	Variable Commodity	Hydroelectric	
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager	Office of General Manager	-	-	-	-	-	-
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		-	-	-	-	-	-
Water Systems Operations	Office of the Manager	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	-	-	-	-	-	-
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Section	-	-	-	-	-	-
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		-	-	-	-	-	-
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	-	-	-	-	-	-
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>	-	-	-	-	-	-	-



Allocation of Revenue Requirements: C&A, State Water Project, All Other  
Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total
		Demand	Fixed Commodity	Standby	Variable Commodity	Hydroelectric	
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		191,567	-	191,567	-	-	191,567
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	9,299,195	-	9,299,195	-	-	9,299,195
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		493,679	-	493,679	-	-	493,679
Water Systems Operations	Office of the Manager	64,926	-	64,926	-	-	64,926
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	29,021	-	29,021	-	-	29,021
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Service	16,986	-	16,986	-	-	16,986
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	-	-	-	-	-	-
Water Systems Operations	C&D, Eastern Unit	1,833,470	-	1,833,470	-	-	1,833,470
Water Systems Operations	C&D, Western Unit	479,928	-	479,928	-	-	479,928
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Sect	4,261	-	4,261	-	-	4,261
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of the Manager	-	-	-	-	-	-
Engineering Services		636,269	-	636,269	-	-	636,269
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	1,613,187	-	1,613,187	-	-	1,613,187
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		4,429,274	-	4,429,274	-	-	4,429,274
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>19,091,761</b>	<b>-</b>	<b>19,091,761</b>	<b>-</b>	<b>-</b>	<b>19,091,761</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		95,097,195	16,884,052	46,900,144	31,312,999	-	95,097,195
Transmission - O&M - Commodity only		182,860,883	-	182,860,883	-	-	182,860,883
Delta Conveyance		25,000,000	4,438,630	12,329,529	8,231,841	-	25,000,000
<b>Total State Water Contract</b>		<b>302,958,078</b>	<b>21,322,682</b>	<b>242,090,557</b>	<b>39,544,839</b>	<b>-</b>	<b>302,958,078</b>
<b>Colorado River Aqueduct Power Costs</b>							
<b>Supply Programs</b>							
<b>Demand Management</b>							
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		4,240,653	-	4,240,653	-	-	4,240,653
G.O. Bond Debt Service		-	-	-	-	-	-
Debt Administration		88,153	-	88,153	-	-	88,153
Bond Defeasance		-	-	-	-	-	-
PAYGO		1,956,099	-	1,956,099	-	-	1,956,099
<b>Total Capital Financing Costs</b>		<b>6,284,905</b>	<b>-</b>	<b>6,284,905</b>	<b>-</b>	<b>-</b>	<b>6,284,905</b>
<b>Regional Recycled Water Program planning costs</b>							
<b>Other Operating Costs</b>							
Operating Equipment		247,997	-	247,997	-	-	247,997
Succession Planning Labor Pool		242,678	-	242,678	-	-	242,678
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		<b>490,676</b>	<b>-</b>	<b>490,676</b>	<b>-</b>	<b>-</b>	<b>490,676</b>
<b>Increase/(Decrease) in Required Reserves</b>							
<b>Total General District Requirements</b>		<b>309,733,659</b>	<b>21,322,682</b>	<b>248,866,137</b>	<b>39,544,839</b>	<b>-</b>	<b>309,733,659</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>328,825,420</b>	<b>21,322,682</b>	<b>267,957,898</b>	<b>39,544,839</b>	<b>-</b>	<b>328,825,420</b>
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		3,007,666	533,997	1,483,324	990,345	-	3,007,666
Property Taxes - MWD GO Debt Service		-	-	-	-	-	-
Interest on Investments		3,121,367	554,184	1,539,399	1,027,784	-	3,121,367
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		86,025,051	15,273,336	42,425,934	28,325,781	-	86,025,051
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		<b>92,154,085</b>	<b>16,361,517</b>	<b>45,448,658</b>	<b>30,343,910</b>	<b>-</b>	<b>92,154,085</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>236,671,335</b>	<b>4,961,166</b>	<b>222,509,240</b>	<b>9,200,929</b>	<b>-</b>	<b>236,671,335</b>

**Direct Labor used for A&G Allocation**  
 Allocation of Revenue Requirements: C&A, State Water Project, All Other  
 Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		182,682	-	182,682	-	-	182,682
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	5,542,239	-	5,542,239	-	-	5,542,239
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		403,170	-	403,170	-	-	403,170
Water Systems Operations	Office of the Manager	51,180	-	51,180	-	-	51,180
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	29,491	-	29,491	-	-	29,491
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Services	14,229	-	14,229	-	-	14,229
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	-	-	-	-	-	-
Water Systems Operations	C&D, Eastern Unit	1,319,992	-	1,319,992	-	-	1,319,992
Water Systems Operations	C&D, Western Unit	369,053	-	369,053	-	-	369,053
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Section	3,714	-	3,714	-	-	3,714
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		576,458	-	576,458	-	-	576,458
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	1,093,658	-	1,093,658	-	-	1,093,658
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		2,087,502	-	2,087,502	-	-	2,087,502
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>11,673,368</b>	<b>-</b>	<b>11,673,368</b>	<b>-</b>	<b>-</b>	<b>11,673,368</b>





Allocation of Revenue Requirements: C&A - Other C&A  
Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total
		Demand	Fixed Commodity		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		73,359	-	73,359	-	-	73,359
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		189,050	-	189,050	-	-	189,050
Water Systems Operations	Office of the Manager	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Service	-	-	-	-	-	-
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	-	-	-	-	-	-
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Sect	-	-	-	-	-	-
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		6,430,851	-	6,430,851	-	-	6,430,851
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	617,755	-	617,755	-	-	617,755
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>7,311,015</b>	<b>-</b>	<b>7,311,015</b>	<b>-</b>	<b>-</b>	<b>7,311,015</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>							
<b>Colorado River Aqueduct Power Costs</b>							
<b>Supply Programs</b>							
<b>Demand Management</b>							
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>							
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		42,860,811	7,609,732	21,138,144	14,112,935	-	42,860,811
G.O. Bond Debt Service		-	-	-	-	-	-
Debt Administration		890,970	158,187	439,409	293,373	-	890,970
Bond Defeasance		-	-	-	-	-	-
PAYGO		19,770,537	3,510,164	9,750,456	6,509,917	-	19,770,537
<b>Total Capital Financing Costs</b>		<b>63,522,318</b>	<b>11,278,084</b>	<b>31,328,010</b>	<b>20,916,224</b>	<b>-</b>	<b>63,522,318</b>
<b>Regional Recycled Water Program planning costs</b>							
<b>Other Operating Costs</b>							
Operating Equipment		94,968	-	94,968	-	-	94,968
Succession Planning Labor Pool		92,931	-	92,931	-	-	92,931
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		<b>187,900</b>	<b>-</b>	<b>187,900</b>	<b>-</b>	<b>-</b>	<b>187,900</b>
<b>Increase/(Decrease) in Required Reserves</b>							
<b>Total General District Requirements</b>		<b>63,710,218</b>	<b>11,278,084</b>	<b>31,515,910</b>	<b>20,916,224</b>	<b>-</b>	<b>63,710,218</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>71,021,232</b>	<b>11,278,084</b>	<b>38,826,924</b>	<b>20,916,224</b>	<b>-</b>	<b>71,021,232</b>
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		-	-	-	-	-	-
Interest on Investments		674,167	674,167	-	-	-	674,167
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		<b>674,167</b>	<b>674,167</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>674,167</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>70,347,065</b>	<b>10,603,916</b>	<b>38,826,924</b>	<b>20,916,224</b>	<b>-</b>	<b>70,347,065</b>

**Direct Labor used for A&G Allocation**  
Allocation of Revenue Requirements: C&A - Other C&A  
Fiscal Year Ending 2022

Departmental O&M	Group	Item	Functionalization	Allocation Percentages					Total	
				Demand	Fixed			Variable Commodity		Hydroelectric
					Commodity	Standby	Commodity			
	Office of General Manager		69,957	-	69,957	-	-	-	69,957	
	Office of General Manager	Board of Directors	-	-	-	-	-	-	-	
	Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-	-	
	External Affairs	Legislative Services	-	-	-	-	-	-	-	
	External Affairs	Media Communications Services	-	-	-	-	-	-	-	
	External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-	-	
	External Affairs	Conservation & Community Services	-	-	-	-	-	-	-	
	Human Resources		154,390	-	154,390	-	-	-	154,390	
	Water Systems Operations	Office of the Manager	-	-	-	-	-	-	-	
	Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	-	-	-	-	-	-	
	Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-	-	
	Water Systems Operations	Office of the Manager, Operations Support Services	-	-	-	-	-	-	-	
	Water Systems Operations	Operations Support Services	-	-	-	-	-	-	-	
	Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-	-	
	Water Systems Operations	System Operations Unit	-	-	-	-	-	-	-	
	Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-	-	
	Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-	-	
	Water Systems Operations	Treatment Jensen	-	-	-	-	-	-	-	
	Water Systems Operations	Treatment Diemer	-	-	-	-	-	-	-	
	Water Systems Operations	Treatment Mills	-	-	-	-	-	-	-	
	Water Systems Operations	Treatment Skinner	-	-	-	-	-	-	-	
	Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-	-	
	Water Systems Operations	Water Quality Section	-	-	-	-	-	-	-	
	Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-	-	
	Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-	-	
	Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-	-	
	Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-	-	
	Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-	-	
	Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-	-	
	Water Systems Operations	Office of the Manager, Operations & Planning Section	-	-	-	-	-	-	-	
	Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-	-	
	Office of the Chief Financial O		-	-	-	-	-	-	-	
	Business Technology	Office of Manager	-	-	-	-	-	-	-	
	Engineering Services		5,826,334	-	5,826,334	-	-	-	5,826,334	
	Business Technology	Administrative Services	-	-	-	-	-	-	-	
	Business Technology	Information Technology	418,806	-	418,806	-	-	-	418,806	
	Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-	-	
	Water Resources Managemen	Resource Implementation	-	-	-	-	-	-	-	
	Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-	-	
	Ethics Office		-	-	-	-	-	-	-	
	Real Property		-	-	-	-	-	-	-	
	General Counsel		-	-	-	-	-	-	-	
	General Auditor		-	-	-	-	-	-	-	
	<b>Total Departmental O&amp;M</b>		<b>6,469,487</b>	<b>-</b>	<b>6,469,487</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,469,487</b>	



Allocation of Revenue Requirements: Storage - Other Than Power, Emergency  
Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager	Office of General Manager	73,061	-	73,061	-	-	73,061
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		188,281	-	188,281	-	-	188,281
Water Systems Operations	Office of the Manager	23,476	-	23,476	-	-	23,476
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Service	6,142	-	6,142	-	-	6,142
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	756,553	-	756,553	-	-	756,553
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Sect	1,541	-	1,541	-	-	1,541
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		5,122,953	-	5,122,953	-	-	5,122,953
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	615,244	-	615,244	-	-	615,244
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		494,049	-	494,049	-	-	494,049
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>7,281,301</b>	-	<b>7,281,301</b>	-	-	<b>7,281,301</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>							
<b>Colorado River Aqueduct Power Costs</b>							
<b>Supply Programs</b>							
<b>Demand Management</b>							
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>							
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		34,143,836	-	34,143,836	-	-	34,143,836
G.O. Bond Debt Service		-	-	-	-	-	-
Debt Administration		709,765	-	709,765	-	-	709,765
Bond Defeasance		-	-	-	-	-	-
PAYGO		15,749,632	-	15,749,632	-	-	15,749,632
<b>Total Capital Financing Costs</b>		<b>50,603,233</b>	-	<b>50,603,233</b>	-	-	<b>50,603,233</b>
<b>Regional Recycled Water Program planning costs</b>							
<b>Other Operating Costs</b>							
Operating Equipment		94,582	-	94,582	-	-	94,582
Succession Planning Labor Pool		92,554	-	92,554	-	-	92,554
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		<b>187,136</b>	-	<b>187,136</b>	-	-	<b>187,136</b>
<b>Increase/(Decrease) in Required Reserves</b>							
<b>Total General District Requirements</b>		<b>50,790,369</b>	-	<b>50,790,369</b>	-	-	<b>50,790,369</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>58,071,670</b>	-	<b>7,281,301</b>	<b>50,790,369</b>	-	<b>58,071,670</b>
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		-	-	-	-	-	-
Interest on Investments		551,244	-	551,244	-	-	551,244
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		<b>551,244</b>	-	<b>551,244</b>	-	-	<b>551,244</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>57,520,426</b>	-	<b>7,281,301</b>	<b>50,239,125</b>	-	<b>57,520,426</b>

**Direct Labor used for A&G Allocation**  
 Allocation of Revenue Requirements: Storage - Other Than Power, Emergency  
 Fiscal Year Ending 2022

Departmental O&M	Group	Item	Functionalization	Allocation Percentages					Total
				Demand	Fixed		Variable Commodity	Hydroelectric	
					Commodity	Standby			
			69,672	-	69,672	-	-	-	69,672
	Office of General Manager	Board of Directors	-	-	-	-	-	-	-
	Office of General Manager	Bay Delta Initiatives	-	-	-	-	-	-	-
	External Affairs	Legislative Services	-	-	-	-	-	-	-
	External Affairs	Media Communications Services	-	-	-	-	-	-	-
	External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-	-
	External Affairs	Conservation & Community Services	-	-	-	-	-	-	-
	Human Resources		153,763	-	153,763	-	-	-	153,763
	Water Systems Operations	Office of the Manager	18,506	-	18,506	-	-	-	18,506
	Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	-	-	-	-	-	-
	Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-	-
	Water Systems Operations	Office of the Manager, Operations Support Services	5,145	-	5,145	-	-	-	5,145
	Water Systems Operations	Operations Support Services	-	-	-	-	-	-	-
	Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-	-
	Water Systems Operations	System Operations Unit	-	-	-	-	-	-	-
	Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-	-
	Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-	-
	Water Systems Operations	Treatment Jensen	-	-	-	-	-	-	-
	Water Systems Operations	Treatment Diemer	-	-	-	-	-	-	-
	Water Systems Operations	Treatment Mills	-	-	-	-	-	-	-
	Water Systems Operations	Treatment Skinner	-	-	-	-	-	-	-
	Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-	-
	Water Systems Operations	Water Quality Section	621,406	-	621,406	-	-	-	621,406
	Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-	-
	Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-	-
	Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-	-
	Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-	-
	Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-	-
	Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-	-
	Water Systems Operations	Office of the Manager, Operations & Planning Section	1,343	-	1,343	-	-	-	1,343
	Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-	-
	Office of the Chief Financial O		-	-	-	-	-	-	-
	Business Technology	Office of Manager	-	-	-	-	-	-	-
	Engineering Services		4,641,382	-	4,641,382	-	-	-	4,641,382
	Business Technology	Administrative Services	-	-	-	-	-	-	-
	Business Technology	Information Technology	417,104	-	417,104	-	-	-	417,104
	Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-	-
	Water Resources Managemen	Resource Implementation	-	-	-	-	-	-	-
	Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-	-
	Ethics Office		-	-	-	-	-	-	-
	Real Property		232,844	-	232,844	-	-	-	232,844
	General Counsel		-	-	-	-	-	-	-
	General Auditor		-	-	-	-	-	-	-
	<b>Total Departmental O&amp;M</b>		<b>6,161,165</b>	<b>-</b>	<b>6,161,165</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,161,165</b>



Allocation of Revenue Requirements: Storage - Other Than Power, Drought  
Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager	Office of General Manager	51,673	-	51,673	-	-	51,673
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		133,165	-	133,165	-	-	133,165
Water Systems Operations	Office of the Manager	23,476	-	23,476	-	-	23,476
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Service	6,142	-	6,142	-	-	6,142
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	756,553	-	756,553	-	-	756,553
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Sect	1,541	-	1,541	-	-	1,541
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		2,893,282	-	2,893,282	-	-	2,893,282
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	435,142	-	435,142	-	-	435,142
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		848,849	-	848,849	-	-	848,849
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>5,149,824</b>	-	<b>5,149,824</b>	-	-	<b>5,149,824</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>							
<b>Colorado River Aqueduct Power Costs</b>							
<b>Supply Programs</b>		<b>26,778,487</b>	-	<b>26,778,487</b>	-	-	<b>26,778,487</b>
<b>Demand Management</b>							
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>							
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		19,283,363	-	19,283,363	-	-	19,283,363
G.O. Bond Debt Service		-	-	-	-	-	-
Debt Administration		400,853	-	400,853	-	-	400,853
Bond Defeasance		-	-	-	-	-	-
PAYGO		8,894,896	-	8,894,896	-	-	8,894,896
<b>Total Capital Financing Costs</b>		<b>28,579,112</b>	-	<b>28,579,112</b>	-	-	<b>28,579,112</b>
<b>Regional Recycled Water Program planning costs</b>							
<b>Other Operating Costs</b>							
Operating Equipment		66,895	-	66,895	-	-	66,895
Succession Planning Labor Pool		65,460	-	65,460	-	-	65,460
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		<b>132,355</b>	-	<b>132,355</b>	-	-	<b>132,355</b>
<b>Increase/(Decrease) in Required Reserves</b>							
<b>Total General District Requirements</b>		<b>55,489,954</b>	-	<b>55,489,954</b>	-	-	<b>55,489,954</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>60,639,778</b>	-	<b>60,639,778</b>	-	-	<b>60,639,778</b>
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		-	-	-	-	-	-
Interest on Investments		575,622	-	575,622	-	-	575,622
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		<b>575,622</b>	-	<b>575,622</b>	-	-	<b>575,622</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>60,064,156</b>	-	<b>60,064,156</b>	-	-	<b>60,064,156</b>

**Direct Labor used for A&G Allocation**  
Allocation of Revenue Requirements: Storage - Other Than Power, Drought  
Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		49,277	-	49,277	-	-	49,277
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		108,751	-	108,751	-	-	108,751
Water Systems Operations	Office of the Manager	18,506	-	18,506	-	-	18,506
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Services	5,145	-	5,145	-	-	5,145
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	621,406	-	621,406	-	-	621,406
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Section	1,343	-	1,343	-	-	1,343
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		2,621,306	-	2,621,306	-	-	2,621,306
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	295,004	-	295,004	-	-	295,004
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		400,060	-	400,060	-	-	400,060
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>4,120,798</b>	<b>-</b>	<b>4,120,798</b>	<b>-</b>	<b>-</b>	<b>4,120,798</b>





Allocation of Revenue Requirements: Storage - Other Than Power, Regulatory  
Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		38,316	-	38,316	-	-	38,316
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		98,743	-	98,743	-	-	98,743
Water Systems Operations	Office of the Manager	23,476	-	23,476	-	-	23,476
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Service	6,142	-	6,142	-	-	6,142
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	756,553	-	756,553	-	-	756,553
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Sect	1,541	-	1,541	-	-	1,541
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		2,370,908	-	2,370,908	-	-	2,370,908
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	322,661	-	322,661	-	-	322,661
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		200,290	-	200,290	-	-	200,290
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>3,818,630</b>		<b>3,818,630</b>			<b>3,818,630</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>							
<b>Colorado River Aqueduct Power Costs</b>							
<b>Supply Programs</b>							
<b>Demand Management</b>							
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>							
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		15,801,801	5,882,113	6,337,769	3,581,919	-	15,801,801
G.O. Bond Debt Service		-	-	-	-	-	-
Debt Administration		328,480	122,275	131,746	74,459	-	328,480
Bond Defeasance		-	-	-	-	-	-
PAYGO		7,288,945	2,713,260	2,923,442	1,652,243	-	7,288,945
<b>Total Capital Financing Costs</b>		<b>23,419,227</b>	<b>8,717,648</b>	<b>9,392,958</b>	<b>5,308,621</b>		<b>23,419,227</b>
<b>Regional Recycled Water Program planning costs</b>							
<b>Other Operating Costs</b>							
Operating Equipment		49,603	-	49,603	-	-	49,603
Succession Planning Labor Pool		48,539	-	48,539	-	-	48,539
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		<b>98,142</b>		<b>98,142</b>			<b>98,142</b>
<b>Increase/(Decrease) in Required Reserves</b>							
<b>Total General District Requirements</b>		<b>23,517,369</b>	<b>8,717,648</b>	<b>9,491,100</b>	<b>5,308,621</b>		<b>23,517,369</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>27,335,999</b>	<b>8,717,648</b>	<b>13,309,730</b>	<b>5,308,621</b>		<b>27,335,999</b>
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		-	-	-	-	-	-
Interest on Investments		259,486	-	259,486	-	-	259,486
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		<b>259,486</b>		<b>259,486</b>			<b>259,486</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>27,076,513</b>	<b>8,717,648</b>	<b>13,050,244</b>	<b>5,308,621</b>		<b>27,076,513</b>

**Direct Labor used for A&G Allocation**  
 Allocation of Revenue Requirements: Storage - Other Than Power, Regulatory  
 Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		36,539	-	36,539	-	-	36,539
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		80,640	-	80,640	-	-	80,640
Water Systems Operations	Office of the Manager	18,506	-	18,506	-	-	18,506
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Services	5,145	-	5,145	-	-	5,145
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	621,406	-	621,406	-	-	621,406
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Section	1,343	-	1,343	-	-	1,343
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		2,148,036	-	2,148,036	-	-	2,148,036
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	218,747	-	218,747	-	-	218,747
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		94,396	-	94,396	-	-	94,396
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>3,224,759</b>	<b>-</b>	<b>3,224,759</b>	<b>-</b>	<b>-</b>	<b>3,224,759</b>

Allocation Percentages: Storage - Power  
Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					% Total	
		Fixed			Variable Commodity	Hydroelectric		
		Demand	Commodity	Standby				
<b>Departmental O&amp;M</b>								
<b>Group</b>	<b>Item</b>							
Office of General Manager		-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Office of General Manager	Board of Directors	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Bay Delta Initiatives	Bay Delta Initiatives	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
External Affairs	Legislative Services	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
External Affairs	Media Communications Services	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
External Affairs	Manager, External Affairs/Special Projects	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
External Affairs	Conservation & Community Services	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Human Resources		-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Treatment Section	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Operations Support Services	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Operations Support Services	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Desert Region / C&D CRA	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	System Operations Unit	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Power Operations and Planning	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Operations Planning & Programs Unit	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Jensen	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Diemer	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Mills	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Skinner	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Weymouth	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Water Quality Section	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	C&D, Eastern Unit	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	C&D, Western Unit	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	OSS, Manufacturing Services Unit	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Environmental Health & Safety Section	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	OSS, Fleet Services Unit	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	OSS, Power Support Unit	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Operations & Planning Section	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Security Team & Security Management	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Office of the Chief Financial Officer		-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Business Technology	Office of the Manager	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Engineering Services		-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Business Technology	Administrative Services	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Business Technology	Information Technology	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Water Resources Management	Resource Planning & Development	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Water Resources Management	Resource Implementation	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Water Resources Management	Office of the Group Manager	-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Ethics Office		-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Real Property		-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
General Counsel		-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
General Auditor		-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
<b>Total Departmental O&amp;M</b>		-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
<b>GENERAL DISTRICT REQUIREMENTS</b>								
<b>State Water Contract</b>								
Supply - O&M		-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Supply - Capital		-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Power - O&M & Off-Aq Capital		-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Power - Capital (less Off-Aq)		-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Transmission - Capital - Commodity, Demand, & Standby		-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Transmission - O&M - Commodity only		-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Delta Conveyance		-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Total State Water Contract</b>		-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Colorado River Aqueduct Power Costs</b>		-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
<b>Supply Programs</b>		-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Demand Management</b>		-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Local Resources Program		-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Future Supply Actions & Stormwater Pilot		-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Conservation Program		-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
<b>Total Demand Management Costs</b>		-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Capital Financing</b>		-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
G.O. Bond Debt Service		-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Debt Administration		-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Bond Defeasance		-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PAYGO		-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Total Capital Financing Costs</b>		-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Regional Recycled Water Program planning costs</b>		-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Other Operating Costs</b>								
Operating Equipment		-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Succession Planning Labor Pool		-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
OPEB/PERS Pre-Funding		-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
<b>Total Other Operating Costs</b>		-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Increase/(Decrease) in Required Reserves</b>		-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Total General District Requirements</b>		-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
<b>REQUIREMENTS BEFORE OFFSETS:</b>		-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Revenue Offsets</b>								
Property Taxes - MWD Portion of SWP GO Debt Service		-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Property Taxes - MWD GO Debt Service		-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Interest on Investments		-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Hydro-Power Revenue		-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CRA Power Revenue		-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Wadsworth Pumping Plant (DVL) Power Revenue		-	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Misc. allocated to supply (PVID Lease)		-	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
Property Taxes - above GO Debt Service		-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Revenue Reserve used for Revenue Bonds - I&P		-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Annexation		-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Total Revenue Offsets</b>		-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
<b>NET REVENUE REQUIREMENTS:</b>		-	(520,112)	0.0%	0.0%	0.0%	0.0%	0.0%

Allocation of Revenue Requirements: Storage - Power  
Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total
		Demand	Fixed Commodity		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager	Office of General Manager	-	-	-	-	-	-
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		-	-	-	-	-	-
Water Systems Operations	Office of the Manager	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Service	-	-	-	-	-	-
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	-	-	-	-	-	-
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Sect	-	-	-	-	-	-
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		-	-	-	-	-	-
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	-	-	-	-	-	-
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		-	-	-	-	-	-
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>		-	-	-	-	-	-
<b>Colorado River Aqueduct Power Costs</b>							
<b>Supply Programs</b>							
<b>Demand Management</b>							
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>		-	-	-	-	-	-
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		-	-	-	-	-	-
G.O. Bond Debt Service		-	-	-	-	-	-
Debt Administration		-	-	-	-	-	-
Bond Defeasance		-	-	-	-	-	-
PAYGO		-	-	-	-	-	-
<b>Total Capital Financing Costs</b>		-	-	-	-	-	-
<b>Regional Recycled Water Program planning costs</b>							
<b>Other Operating Costs</b>							
Operating Equipment		-	-	-	-	-	-
Succession Planning Labor Pool		-	-	-	-	-	-
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		-	-	-	-	-	-
<b>Increase/(Decrease) in Required Reserves</b>							
<b>Total General District Requirements</b>							
<b>REQUIREMENTS BEFORE OFFSETS:</b>							
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		-	-	-	-	-	-
Interest on Investments		-	-	-	-	-	-
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue	520,112	-	-	-	520,112	-	520,112
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>	520,112	-	-	-	520,112	-	520,112
<b>NET REVENUE REQUIREMENTS:</b>	(520,112)	-	-	-	(520,112)	-	(520,112)

**Direct Labor used for A&G Allocation**  
 Allocation of Revenue Requirements: Storage - Power  
 Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total
		Demand	Fixed Commodity	Standby	Variable Commodity	Hydroelectric	
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager	Office of General Manager	-	-	-	-	-	-
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		-	-	-	-	-	-
Water Systems Operations	Office of the Manager	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Operations Support Services	-	-	-	-	-	-
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	-	-	-	-	-	-
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations & Planning Section	-	-	-	-	-	-
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		-	-	-	-	-	-
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	-	-	-	-	-	-
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>	-	-	-	-	-	-	-



Allocation of Revenue Requirements: Treatment - Jensen  
Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		280,747	-	280,747	-	-	280,747
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		723,501	-	723,501	-	-	723,501
Water Systems Operations	Office of the Manager	544,899	-	544,899	-	-	544,899
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	202,898	-	202,898	-	-	202,898
Water Systems Operations	Office of the Manager, Operations Support Service	142,560	-	142,560	-	-	142,560
Water Systems Operations	Operations Support Services	87,273	-	87,273	-	-	87,273
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	16,035,855	-	9,927,127	6,108,729	-	16,035,855
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	2,830,070	-	2,830,070	-	-	2,830,070
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	102,120	-	102,120	-	-	102,120
Water Systems Operations	Environmental Health & Safety Section	1,564,196	-	1,564,196	-	-	1,564,196
Water Systems Operations	OSS, Fleet Services Unit	521,819	-	521,819	-	-	521,819
Water Systems Operations	OSS, Power Support Unit	245,918	-	245,918	-	-	245,918
Water Systems Operations	Office of the Manager, Operations & Planning Sect	35,757	-	35,757	-	-	35,757
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of the Manager	-	-	-	-	-	-
Engineering Services		2,296,600	-	2,296,600	-	-	2,296,600
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	2,364,173	-	2,364,173	-	-	2,364,173
Water Resources Managemen	Resource Planning & Development	1,020	-	1,020	-	-	1,020
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	128	-	128	-	-	128
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		27,979,534	-	21,870,805	6,108,729	-	27,979,534
<b>GENERAL DISTRICT REQUIREMENTS</b>		-	-	-	-	-	-
<b>State Water Contract</b>		-	-	-	-	-	-
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>		-	-	-	-	-	-
<b>Colorado River Aqueduct Power Costs</b>		-	-	-	-	-	-
<b>Supply Programs</b>		-	-	-	-	-	-
<b>Demand Management</b>		-	-	-	-	-	-
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>		-	-	-	-	-	-
<b>Capital Financing</b>		-	-	-	-	-	-
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		15,306,552	4,773,080	4,920,701	5,612,771	-	15,306,552
G.O. Bond Debt Service		430,909	134,371	138,527	158,010	-	430,909
Debt Administration		318,185	99,220	102,289	116,676	-	318,185
Bond Defeasance		-	-	-	-	-	-
PAYGO		7,060,500	2,201,693	2,269,787	2,589,020	-	7,060,500
<b>Total Capital Financing Costs</b>		23,116,146	7,208,365	7,431,304	8,476,477	-	23,116,146
<b>Regional Recycled Water Program planning costs</b>		-	-	-	-	-	-
<b>Other Operating Costs</b>		-	-	-	-	-	-
Operating Equipment		363,447	-	363,447	-	-	363,447
Succession Planning Labor Pool		355,652	-	355,652	-	-	355,652
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		719,099	-	719,099	-	-	719,099
<b>Increase/(Decrease) in Required Reserves</b>		-	-	-	-	-	-
<b>Total General District Requirements</b>		23,835,246	7,208,365	8,150,403	8,476,477	-	23,835,246
<b>REQUIREMENTS BEFORE OFFSETS:</b>		51,814,779	7,208,365	30,021,208	8,476,477	6,108,729	51,814,779
<b>Revenue Offsets</b>		-	-	-	-	-	-
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		430,909	-	-	430,909	-	430,909
Interest on Investments		491,851	153,375	158,119	180,357	-	491,851
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		922,759	153,375	158,119	611,266	-	922,759
<b>NET REVENUE REQUIREMENTS:</b>		50,892,020	7,054,990	29,863,090	7,865,212	6,108,729	50,892,020



**Direct Labor used for A&G Allocation**  
Allocation of Revenue Requirements: Treatment - Jensen  
Fiscal Year Ending 2022

		Functionalization	Allocation Percentages				Total
			Demand	Fixed Commodity	Standby	Variable Commodity	
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		267,726	-	267,726	-	-	267,726
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		590,858	-	590,858	-	-	590,858
Water Systems Operations	Office of the Manager	429,540	-	429,540	-	-	429,540
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	74,985	-	74,985	-	-	74,985
Water Systems Operations	Office of the Manager, Operations Support Services	119,421	-	119,421	-	-	119,421
Water Systems Operations	Operations Support Services	80,020	-	80,020	-	-	80,020
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	10,049,119	-	10,049,119	-	-	10,049,119
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	2,324,518	-	2,324,518	-	-	2,324,518
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	94,041	-	94,041	-	-	94,041
Water Systems Operations	Environmental Health & Safety Section	1,242,524	-	1,242,524	-	-	1,242,524
Water Systems Operations	OSS, Fleet Services Unit	332,801	-	332,801	-	-	332,801
Water Systems Operations	OSS, Power Support Unit	225,098	-	225,098	-	-	225,098
Water Systems Operations	Office of the Manager, Operations & Planning Section	31,168	-	31,168	-	-	31,168
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		2,080,714	-	2,080,714	-	-	2,080,714
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	1,602,787	-	1,602,787	-	-	1,602,787
Water Resources Managemen	Resource Planning & Development	911	-	911	-	-	911
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	128	-	128	-	-	128
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>19,546,357</b>	<b>-</b>	<b>19,546,357</b>	<b>-</b>	<b>-</b>	<b>19,546,357</b>



Allocation of Revenue Requirements: Treatment - Weymouth  
Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		311,728	-	311,728	-	-	311,728
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		803,339	-	803,339	-	-	803,339
Water Systems Operations	Office of the Manager	570,415	-	570,415	-	-	570,415
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	216,434	-	216,434	-	-	216,434
Water Systems Operations	Office of the Manager, Operations Support Service	149,235	-	149,235	-	-	149,235
Water Systems Operations	Operations Support Services	87,273	-	87,273	-	-	87,273
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	18,458,392	-	10,398,018	-	8,060,373	18,458,392
Water Systems Operations	Water Quality Section	2,830,070	-	2,830,070	-	-	2,830,070
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	102,120	-	102,120	-	-	102,120
Water Systems Operations	Environmental Health & Safety Section	1,564,196	-	1,564,196	-	-	1,564,196
Water Systems Operations	OSS, Fleet Services Unit	521,819	-	521,819	-	-	521,819
Water Systems Operations	OSS, Power Support Unit	245,918	-	245,918	-	-	245,918
Water Systems Operations	Office of the Manager, Operations & Planning Sect	37,432	-	37,432	-	-	37,432
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of the Manager	-	-	-	-	-	-
Engineering Services		2,542,508	-	2,542,508	-	-	2,542,508
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	2,625,060	-	2,625,060	-	-	2,625,060
Water Resources Managemen	Resource Planning & Development	1,020	-	1,020	-	-	1,020
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	128	-	128	-	-	128
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		31,067,086	-	23,006,712	-	8,060,373	31,067,086
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>		-	-	-	-	-	-
<b>Colorado River Aqueduct Power Costs</b>							
<b>Supply Programs</b>							
<b>Demand Management</b>							
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>		-	-	-	-	-	-
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		16,945,495	5,284,155	5,447,583	6,213,756	-	16,945,495
G.O. Bond Debt Service		477,048	148,759	153,360	174,929	-	477,048
Debt Administration		352,255	109,844	113,242	129,169	-	352,255
Bond Defeasance		-	-	-	-	-	-
PAYGO		7,816,500	2,437,438	2,512,823	2,866,238	-	7,816,500
<b>Total Capital Financing Costs</b>		25,591,297	7,980,197	8,227,008	9,384,093	-	25,591,297
<b>Regional Recycled Water Program planning costs</b>							
<b>Other Operating Costs</b>							
Operating Equipment		403,554	-	403,554	-	-	403,554
Succession Planning Labor Pool		394,898	-	394,898	-	-	394,898
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		798,452	-	798,452	-	-	798,452
<b>Increase/(Decrease) in Required Reserves</b>							
		-	-	-	-	-	-
<b>Total General District Requirements</b>		26,389,750	7,980,197	9,025,460	9,384,093	-	26,389,750
<b>REQUIREMENTS BEFORE OFFSETS:</b>		57,456,835	7,980,197	32,032,172	9,384,093	8,060,373	57,456,835
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		477,048	-	-	477,048	-	477,048
Interest on Investments		545,408	170,076	175,336	199,996	-	545,408
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		1,022,456	170,076	175,336	677,044	-	1,022,456
<b>NET REVENUE REQUIREMENTS:</b>		56,434,380	7,810,122	31,856,836	8,707,048	8,060,373	56,434,380

**Direct Labor used for A&G Allocation**  
Allocation of Revenue Requirements: Treatment - Weymouth  
Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager	Office of General Manager	297,270	-	297,270	-	-	297,270
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		656,059	-	656,059	-	-	656,059
Water Systems Operations	Office of the Manager	449,654	-	449,654	-	-	449,654
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	79,987	-	79,987	-	-	79,987
Water Systems Operations	Office of the Manager, Operations Support Services	125,013	-	125,013	-	-	125,013
Water Systems Operations	Operations Support Services	80,020	-	80,020	-	-	80,020
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	10,719,508	-	10,719,508	-	-	10,719,508
Water Systems Operations	Water Quality Section	2,324,518	-	2,324,518	-	-	2,324,518
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	94,041	-	94,041	-	-	94,041
Water Systems Operations	Environmental Health & Safety Section	1,242,524	-	1,242,524	-	-	1,242,524
Water Systems Operations	OSS, Fleet Services Unit	332,801	-	332,801	-	-	332,801
Water Systems Operations	OSS, Power Support Unit	225,098	-	225,098	-	-	225,098
Water Systems Operations	Office of the Manager, Operations & Planning Section	32,627	-	32,627	-	-	32,627
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		2,303,505	-	2,303,505	-	-	2,303,505
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	1,779,655	-	1,779,655	-	-	1,779,655
Water Resources Managemen	Resource Planning & Development	911	-	911	-	-	911
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	128	-	128	-	-	128
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>20,743,320</b>	<b>-</b>	<b>20,743,320</b>	<b>-</b>	<b>-</b>	<b>20,743,320</b>



Allocation of Revenue Requirements: Treatment - Diemer  
Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		322,418	-	322,418	-	-	322,418
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		830,889	-	830,889	-	-	830,889
Water Systems Operations	Office of the Manager	535,494	-	535,494	-	-	535,494
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	197,909	-	197,909	-	-	197,909
Water Systems Operations	Office of the Manager, Operations Support Service	140,099	-	140,099	-	-	140,099
Water Systems Operations	Operations Support Services	87,273	-	87,273	-	-	87,273
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	18,986,152	-	9,606,212	9,379,939	-	18,986,152
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	2,830,070	-	2,830,070	-	-	2,830,070
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	102,120	-	102,120	-	-	102,120
Water Systems Operations	Environmental Health & Safety Section	1,564,196	-	1,564,196	-	-	1,564,196
Water Systems Operations	OSS, Fleet Services Unit	521,819	-	521,819	-	-	521,819
Water Systems Operations	OSS, Power Support Unit	245,918	-	245,918	-	-	245,918
Water Systems Operations	Office of the Manager, Operations & Planning Sect	35,140	-	35,140	-	-	35,140
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of the Manager	-	-	-	-	-	-
Engineering Services		3,016,758	-	3,016,758	-	-	3,016,758
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	2,715,082	-	2,715,082	-	-	2,715,082
Water Resources Managemen	Resource Planning & Development	1,020	-	1,020	-	-	1,020
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	128	-	128	-	-	128
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		32,132,484	-	22,752,545	9,379,939	-	32,132,484
<b>GENERAL DISTRICT REQUIREMENTS</b>		-	-	-	-	-	-
<b>State Water Contract</b>		-	-	-	-	-	-
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>		-	-	-	-	-	-
<b>Colorado River Aqueduct Power Costs</b>		-	-	-	-	-	-
<b>Supply Programs</b>		-	-	-	-	-	-
<b>Demand Management</b>		-	-	-	-	-	-
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>		-	-	-	-	-	-
<b>Capital Financing</b>		-	-	-	-	-	-
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		20,106,312	6,269,801	6,463,712	7,372,799	-	20,106,312
G.O. Bond Debt Service		566,031	176,507	181,966	207,558	-	566,031
Debt Administration		417,960	130,334	134,364	153,262	-	417,960
Bond Defeasance		-	-	-	-	-	-
PAYGO		9,274,500	2,892,090	2,981,536	3,400,874	-	9,274,500
<b>Total Capital Financing Costs</b>		30,364,804	9,468,732	9,761,579	11,134,493	-	30,364,804
<b>Regional Recycled Water Program planning costs</b>		-	-	-	-	-	-
<b>Other Operating Costs</b>		-	-	-	-	-	-
Operating Equipment		417,393	-	417,393	-	-	417,393
Succession Planning Labor Pool		408,441	-	408,441	-	-	408,441
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		825,834	-	825,834	-	-	825,834
<b>Increase/(Decrease) in Required Reserves</b>		-	-	-	-	-	-
<b>Total General District Requirements</b>		31,190,638	9,468,732	10,587,413	11,134,493	-	31,190,638
<b>REQUIREMENTS BEFORE OFFSETS:</b>		63,323,122	9,468,732	33,339,958	11,134,493	9,379,939	63,323,122
<b>Revenue Offsets</b>		-	-	-	-	-	-
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		566,031	-	-	566,031	-	566,031
Interest on Investments		601,093	187,440	193,237	220,415	-	601,093
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		1,167,124	187,440	193,237	786,447	-	1,167,124
<b>NET REVENUE REQUIREMENTS:</b>		62,155,997	9,281,291	33,146,720	10,348,047	9,379,939	62,155,997

**Direct Labor used for A&G Allocation**  
Allocation of Revenue Requirements: Treatment - Diemer  
Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		307,464	-	307,464	-	-	307,464
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		678,558	-	678,558	-	-	678,558
Water Systems Operations	Office of the Manager	422,126	-	422,126	-	-	422,126
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	73,141	-	73,141	-	-	73,141
Water Systems Operations	Office of the Manager, Operations Support Services	117,359	-	117,359	-	-	117,359
Water Systems Operations	Operations Support Services	80,020	-	80,020	-	-	80,020
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	9,802,014	-	9,802,014	-	-	9,802,014
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	2,324,518	-	2,324,518	-	-	2,324,518
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	94,041	-	94,041	-	-	94,041
Water Systems Operations	Environmental Health & Safety Section	1,242,524	-	1,242,524	-	-	1,242,524
Water Systems Operations	OSS, Fleet Services Unit	332,801	-	332,801	-	-	332,801
Water Systems Operations	OSS, Power Support Unit	225,098	-	225,098	-	-	225,098
Water Systems Operations	Office of the Manager, Operations & Planning Section	30,630	-	30,630	-	-	30,630
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		2,733,175	-	2,733,175	-	-	2,733,175
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	1,840,686	-	1,840,686	-	-	1,840,686
Water Resources Managemen	Resource Planning & Development	911	-	911	-	-	911
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	128	-	128	-	-	128
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		20,305,193	-	20,305,193	-	-	20,305,193





Allocation of Revenue Requirements: Treatment - Mills  
Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		221,501	-	221,501	-	-	221,501
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		570,818	-	570,818	-	-	570,818
Water Systems Operations	Office of the Manager	519,709	-	519,709	-	-	519,709
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	189,535	-	189,535	-	-	189,535
Water Systems Operations	Office of the Manager, Operations Support Service	135,969	-	135,969	-	-	135,969
Water Systems Operations	Operations Support Services	87,273	-	87,273	-	-	87,273
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	12,408,256	-	9,188,054	3,220,202	-	12,408,256
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	2,830,070	-	2,830,070	-	-	2,830,070
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	102,120	-	102,120	-	-	102,120
Water Systems Operations	Environmental Health & Safety Section	1,564,196	-	1,564,196	-	-	1,564,196
Water Systems Operations	OSS, Fleet Services Unit	521,819	-	521,819	-	-	521,819
Water Systems Operations	OSS, Power Support Unit	245,918	-	245,918	-	-	245,918
Water Systems Operations	Office of the Manager, Operations & Planning Sect	34,104	-	34,104	-	-	34,104
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of the Manager	-	-	-	-	-	-
Engineering Services		777,243	-	777,243	-	-	777,243
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	1,865,255	-	1,865,255	-	-	1,865,255
Water Resources Managemen	Resource Planning & Development	1,020	-	1,020	-	-	1,020
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	128	-	128	-	-	128
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		22,074,933	-	18,854,731	3,220,202	-	22,074,933
<b>GENERAL DISTRICT REQUIREMENTS</b>		-	-	-	-	-	-
<b>State Water Contract</b>		-	-	-	-	-	-
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>		-	-	-	-	-	-
<b>Colorado River Aqueduct Power Costs</b>		-	-	-	-	-	-
<b>Supply Programs</b>		-	-	-	-	-	-
<b>Demand Management</b>		-	-	-	-	-	-
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>		-	-	-	-	-	-
<b>Capital Financing</b>		-	-	-	-	-	-
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		5,180,229	1,615,364	1,665,323	1,899,542	-	5,180,229
G.O. Bond Debt Service		145,833	45,476	46,882	53,476	-	145,833
Debt Administration		107,684	33,579	34,618	39,487	-	107,684
Bond Defeasance		-	-	-	-	-	-
PAYGO		2,389,500	745,124	768,169	876,208	-	2,389,500
<b>Total Capital Financing Costs</b>		7,823,246	2,439,542	2,514,992	2,868,712	-	7,823,246
<b>Regional Recycled Water Program planning costs</b>		-	-	-	-	-	-
<b>Other Operating Costs</b>		-	-	-	-	-	-
Operating Equipment		286,748	-	286,748	-	-	286,748
Succession Planning Labor Pool		280,598	-	280,598	-	-	280,598
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		567,346	-	567,346	-	-	567,346
<b>Increase/(Decrease) in Required Reserves</b>		-	-	-	-	-	-
<b>Total General District Requirements</b>		8,390,592	2,439,542	3,082,338	2,868,712	-	8,390,592
<b>REQUIREMENTS BEFORE OFFSETS:</b>		30,465,525	2,439,542	21,937,069	2,868,712	3,220,202	30,465,525
<b>Revenue Offsets</b>		-	-	-	-	-	-
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		145,833	-	-	145,833	-	145,833
Interest on Investments		289,193	90,180	92,969	106,044	-	289,193
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		435,027	90,180	92,969	251,878	-	435,027
<b>NET REVENUE REQUIREMENTS:</b>		30,030,499	2,349,362	21,844,100	2,616,834	3,220,202	30,030,499

**Direct Labor used for A&G Allocation**  
 Allocation of Revenue Requirements: Treatment - Mills  
 Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager	Office of General Manager	211,227	-	211,227	-	-	211,227
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		466,168	-	466,168	-	-	466,168
Water Systems Operations	Office of the Manager	409,683	-	409,683	-	-	409,683
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	70,046	-	70,046	-	-	70,046
Water Systems Operations	Office of the Manager, Operations Support Services	113,900	-	113,900	-	-	113,900
Water Systems Operations	Operations Support Services	80,020	-	80,020	-	-	80,020
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	9,387,288	-	9,387,288	-	-	9,387,288
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	2,324,518	-	2,324,518	-	-	2,324,518
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	94,041	-	94,041	-	-	94,041
Water Systems Operations	Environmental Health & Safety Section	1,242,524	-	1,242,524	-	-	1,242,524
Water Systems Operations	OSS, Fleet Services Unit	332,801	-	332,801	-	-	332,801
Water Systems Operations	OSS, Power Support Unit	225,098	-	225,098	-	-	225,098
Water Systems Operations	Office of the Manager, Operations & Planning Section	29,727	-	29,727	-	-	29,727
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		704,180	-	704,180	-	-	704,180
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	1,264,546	-	1,264,546	-	-	1,264,546
Water Resources Managemen	Resource Planning & Development	911	-	911	-	-	911
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	128	-	128	-	-	128
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>16,956,806</b>	<b>-</b>	<b>16,956,806</b>	<b>-</b>	<b>-</b>	<b>16,956,806</b>



Allocation of Revenue Requirements: Treatment - Skinner  
Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		261,392	-	261,392	-	-	261,392
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		673,621	-	673,621	-	-	673,621
Water Systems Operations	Office of the Manager	505,489	-	505,489	-	-	505,489
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	181,992	-	181,992	-	-	181,992
Water Systems Operations	Office of the Manager, Operations Support Service	132,249	-	132,249	-	-	132,249
Water Systems Operations	Operations Support Services	87,273	-	87,273	-	-	87,273
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	14,372,789	-	8,747,226	-	5,625,563	14,372,789
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	2,830,070	-	2,830,070	-	-	2,830,070
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	102,120	-	102,120	-	-	102,120
Water Systems Operations	Environmental Health & Safety Section	1,564,196	-	1,564,196	-	-	1,564,196
Water Systems Operations	OSS, Fleet Services Unit	521,819	-	521,819	-	-	521,819
Water Systems Operations	OSS, Power Support Unit	245,918	-	245,918	-	-	245,918
Water Systems Operations	Office of the Manager, Operations & Planning Sect	33,171	-	33,171	-	-	33,171
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		2,336,121	-	2,336,121	-	-	2,336,121
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	2,201,180	-	2,201,180	-	-	2,201,180
Water Resources Managemen	Resource Planning & Development	1,020	-	1,020	-	-	1,020
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	128	-	128	-	-	128
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>26,050,547</b>	<b>-</b>	<b>20,424,983</b>	<b>-</b>	<b>5,625,563</b>	<b>26,050,547</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>							
<b>Colorado River Aqueduct Power Costs</b>							
<b>Supply Programs</b>							
<b>Demand Management</b>							
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>							
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		15,569,954	4,855,217	5,005,378	5,709,358	-	15,569,954
G.O. Bond Debt Service		438,324	136,684	140,911	160,729	-	438,324
Debt Administration		323,661	100,928	104,049	118,683	-	323,661
Bond Defeasance		-	-	-	-	-	-
PAYGO		7,182,000	2,239,581	2,308,846	2,633,573	-	7,182,000
<b>Total Capital Financing Costs</b>		<b>23,513,938</b>	<b>7,332,409</b>	<b>7,559,185</b>	<b>8,622,344</b>	<b>-</b>	<b>23,513,938</b>
<b>Regional Recycled Water Program planning costs</b>							
<b>Other Operating Costs</b>							
Operating Equipment		338,390	-	338,390	-	-	338,390
Succession Planning Labor Pool		331,132	-	331,132	-	-	331,132
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		<b>669,523</b>	<b>-</b>	<b>669,523</b>	<b>-</b>	<b>-</b>	<b>669,523</b>
<b>Increase/(Decrease) in Required Reserves</b>							
<b>Total General District Requirements</b>		<b>24,183,461</b>	<b>7,332,409</b>	<b>8,228,708</b>	<b>8,622,344</b>	<b>-</b>	<b>24,183,461</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>50,234,008</b>	<b>7,332,409</b>	<b>28,653,691</b>	<b>8,622,344</b>	<b>5,625,563</b>	<b>50,234,008</b>
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		438,324	-	-	438,324	-	438,324
Interest on Investments		476,845	148,696	153,295	174,855	-	476,845
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		<b>915,169</b>	<b>148,696</b>	<b>153,295</b>	<b>613,179</b>	<b>-</b>	<b>915,169</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>49,318,838</b>	<b>7,183,714</b>	<b>28,500,396</b>	<b>8,009,165</b>	<b>5,625,563</b>	<b>49,318,838</b>

**Direct Labor used for A&G Allocation**  
 Allocation of Revenue Requirements: Treatment - Skinner  
 Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager	Office of General Manager	249,269	-	249,269	-	-	249,269
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		550,123	-	550,123	-	-	550,123
Water Systems Operations	Office of the Manager	398,473	-	398,473	-	-	398,473
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Treatment Section	67,258	-	67,258	-	-	67,258
Water Systems Operations	Office of the Manager, Operations Support Services	110,783	-	110,783	-	-	110,783
Water Systems Operations	Operations Support Services	80,020	-	80,020	-	-	80,020
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	9,013,681	-	9,013,681	-	-	9,013,681
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	2,324,518	-	2,324,518	-	-	2,324,518
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Manufacturing Services Unit	94,041	-	94,041	-	-	94,041
Water Systems Operations	Environmental Health & Safety Section	1,242,524	-	1,242,524	-	-	1,242,524
Water Systems Operations	OSS, Fleet Services Unit	332,801	-	332,801	-	-	332,801
Water Systems Operations	OSS, Power Support Unit	225,098	-	225,098	-	-	225,098
Water Systems Operations	Office of the Manager, Operations & Planning Section	28,913	-	28,913	-	-	28,913
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		2,116,520	-	2,116,520	-	-	2,116,520
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	1,492,287	-	1,492,287	-	-	1,492,287
Water Resources Managemen	Resource Planning & Development	911	-	911	-	-	911
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	128	-	128	-	-	128
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>18,327,347</b>	<b>-</b>	<b>18,327,347</b>	<b>-</b>	<b>-</b>	<b>18,327,347</b>



Allocation of Revenue Requirements: Distribution  
Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		1,096,794	-	1,096,794	-	-	1,096,794
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		2,826,495	-	2,826,495	-	-	2,826,495
Water Systems Operations	Office of the Manager	2,375,735	-	2,375,735	-	-	2,375,735
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	397,952	-	397,952	-	-	397,952
Water Systems Operations	Office of the Manager, Treatment Section	145,661	-	145,661	-	-	145,661
Water Systems Operations	Office of the Manager, Operations Support Service	621,553	-	621,553	-	-	621,553
Water Systems Operations	Operations Support Services	6,132,892	-	6,132,892	-	-	6,132,892
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	9,314,505	-	9,314,505	-	-	9,314,505
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	2,362,327	-	2,362,327	-	-	2,362,327
Water Systems Operations	Treatment Diemer	2,796,950	-	2,796,950	-	-	2,796,950
Water Systems Operations	Treatment Mills	1,827,926	-	1,827,926	-	-	1,827,926
Water Systems Operations	Treatment Skinner	2,117,331	-	2,117,331	-	-	2,117,331
Water Systems Operations	Treatment Weymouth	2,719,203	-	2,719,203	-	-	2,719,203
Water Systems Operations	Water Quality Section	-	-	-	-	-	-
Water Systems Operations	C&D, Eastern Unit	16,733,044	-	16,733,044	-	-	16,733,044
Water Systems Operations	C&D, Western Unit	14,453,818	-	14,453,818	-	-	14,453,818
Water Systems Operations	OSS, Manufacturing Services Unit	6,521,308	-	6,521,308	-	-	6,521,308
Water Systems Operations	Environmental Health & Safety Section	5,159,489	-	5,159,489	-	-	5,159,489
Water Systems Operations	OSS, Fleet Services Unit	6,217,173	-	6,217,173	-	-	6,217,173
Water Systems Operations	OSS, Power Support Unit	4,718,959	-	4,718,959	-	-	4,718,959
Water Systems Operations	Office of the Manager, Operations & Planning Sect	155,901	-	155,901	-	-	155,901
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of the Manager	-	-	-	-	-	-
Engineering Services		8,256,243	-	8,256,243	-	-	8,256,243
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	9,236,096	-	9,236,096	-	-	9,236,096
Water Resources Managemen	Resource Planning & Development	1,035,345	-	1,035,345	-	-	1,035,345
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	129,530	-	129,530	-	-	129,530
Ethics Office		-	-	-	-	-	-
Real Property		1,955,213	-	1,955,213	-	-	1,955,213
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>109,307,443</b>		<b>109,307,443</b>			<b>109,307,443</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>							
<b>Colorado River Aqueduct Power Costs</b>							
<b>Supply Programs</b>							
<b>Demand Management</b>							
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>							
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		55,026,824	20,483,362	22,070,098	12,473,364	-	55,026,824
G.O. Bond Debt Service		6,181,029	2,300,846	2,479,080	1,401,103	-	6,181,029
Debt Administration		1,143,871	425,798	458,782	259,290	-	1,143,871
Bond Defeasance		-	-	-	-	-	-
PAYGO		25,382,391	9,448,423	10,180,342	5,753,627	-	25,382,391
<b>Total Capital Financing Costs</b>		<b>87,734,115</b>	<b>32,658,430</b>	<b>35,188,303</b>	<b>19,887,383</b>		<b>87,734,115</b>
<b>Regional Recycled Water Program planning costs</b>		<b>9,373,710</b>		<b>9,373,710</b>			<b>9,373,710</b>
<b>Other Operating Costs</b>							
Operating Equipment		1,419,878	-	1,419,878	-	-	1,419,878
Succession Planning Labor Pool		1,389,423	-	1,389,423	-	-	1,389,423
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		<b>2,809,301</b>		<b>2,809,301</b>			<b>2,809,301</b>
<b>Increase/(Decrease) in Required Reserves</b>							
<b>Total General District Requirements</b>		<b>99,917,126</b>	<b>32,658,430</b>	<b>47,371,314</b>	<b>19,887,383</b>		<b>99,917,126</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>209,224,570</b>	<b>32,658,430</b>	<b>156,678,757</b>	<b>19,887,383</b>		<b>209,224,570</b>
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		6,181,029	2,300,846	2,479,080	1,401,103	-	6,181,029
Interest on Investments		1,986,059	-	1,986,059	-	-	1,986,059
Hydro-Power Revenue		-	-	-	-	-	-
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		<b>8,167,088</b>	<b>2,300,846</b>	<b>4,465,139</b>	<b>1,401,103</b>		<b>8,167,088</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>201,057,482</b>	<b>30,357,584</b>	<b>152,213,618</b>	<b>18,486,280</b>		<b>201,057,482</b>

**Direct Labor used for A&G Allocation**  
Allocation of Revenue Requirements: Distribution  
Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		1,045,924	-	1,045,924	-	-	1,045,924
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		2,308,301	-	2,308,301	-	-	2,308,301
Water Systems Operations	Office of the Manager	1,872,775	-	1,872,775	-	-	1,872,775
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	404,399	-	404,399	-	-	404,399
Water Systems Operations	Office of the Manager, Treatment Section	53,832	-	53,832	-	-	53,832
Water Systems Operations	Office of the Manager, Operations Support Services	520,668	-	520,668	-	-	520,668
Water Systems Operations	Operations Support Services	5,623,200	-	5,623,200	-	-	5,623,200
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	8,038,489	-	8,038,489	-	-	8,038,489
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	1,480,389	-	1,480,389	-	-	1,480,389
Water Systems Operations	Treatment Diemer	1,443,986	-	1,443,986	-	-	1,443,986
Water Systems Operations	Treatment Mills	1,382,891	-	1,382,891	-	-	1,382,891
Water Systems Operations	Treatment Skinner	1,327,853	-	1,327,853	-	-	1,327,853
Water Systems Operations	Treatment Weymouth	1,579,147	-	1,579,147	-	-	1,579,147
Water Systems Operations	Water Quality Section	-	-	-	-	-	-
Water Systems Operations	C&D, Eastern Unit	12,046,823	-	12,046,823	-	-	12,046,823
Water Systems Operations	C&D, Western Unit	11,114,639	-	11,114,639	-	-	11,114,639
Water Systems Operations	OSS, Manufacturing Services Unit	6,005,378	-	6,005,378	-	-	6,005,378
Water Systems Operations	Environmental Health & Safety Section	4,098,455	-	4,098,455	-	-	4,098,455
Water Systems Operations	OSS, Fleet Services Unit	3,965,127	-	3,965,127	-	-	3,965,127
Water Systems Operations	OSS, Power Support Unit	4,319,452	-	4,319,452	-	-	4,319,452
Water Systems Operations	Office of the Manager, Operations & Planning Section	135,890	-	135,890	-	-	135,890
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		7,480,135	-	7,480,135	-	-	7,480,135
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	6,261,597	-	6,261,597	-	-	6,261,597
Water Resources Managemen	Resource Planning & Development	924,676	-	924,676	-	-	924,676
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	129,923	-	129,923	-	-	129,923
Ethics Office		-	-	-	-	-	-
Real Property		921,486	-	921,486	-	-	921,486
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>84,485,436</b>	<b>-</b>	<b>84,485,436</b>	<b>-</b>	<b>-</b>	<b>84,485,436</b>



Allocation Percentages: Hydroelectric  
Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					% Total
		Fixed			Variable Commodity	Hydroelectric	
		Demand	Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		55,009	0.0%	0.0%	0.0%	0.0%	100.0%
Office of General Manager	Board of Directors	-	0.0%	0.0%	0.0%	0.0%	100.0%
Bay Delta Initiatives	Bay Delta Initiatives	-	0.0%	0.0%	0.0%	0.0%	100.0%
External Affairs	Legislative Services	-	0.0%	0.0%	0.0%	0.0%	100.0%
External Affairs	Media Communications Services	-	0.0%	0.0%	0.0%	0.0%	100.0%
External Affairs	Manager, External Affairs/Special Projects	-	0.0%	0.0%	0.0%	0.0%	100.0%
External Affairs	Conservation & Community Services	-	0.0%	0.0%	0.0%	0.0%	100.0%
Human Resources		141,760	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager	133,503	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	21,693	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Treatment Section	-	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Operations Support Services	34,928	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Operations Support Services	87,273	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Desert Region / C&D CRA	-	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	System Operations Unit	-	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Power Operations and Planning	43,276	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Operations Planning & Programs Unit	-	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Jensen	-	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Diemer	-	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Mills	-	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Skinner	-	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Treatment Weymouth	-	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Water Quality Section	-	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	C&D, Eastern Unit	842,974	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	C&D, Western Unit	852,671	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	OSS, Manufacturing Services Unit	131,171	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Environmental Health & Safety Section	99,040	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	OSS, Fleet Services Unit	-	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	OSS, Power Support Unit	2,110,239	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Office of the Manager, Operations & Planning Section	8,761	0.0%	0.0%	0.0%	0.0%	100.0%
Water Systems Operations	Security Team & Security Management	-	0.0%	0.0%	0.0%	0.0%	100.0%
Office of the Chief Financial Officer		-	0.0%	0.0%	0.0%	0.0%	100.0%
Business Technology	Office of Manager	-	0.0%	0.0%	0.0%	0.0%	100.0%
Engineering Services		456,685	0.0%	0.0%	0.0%	0.0%	100.0%
Business Technology	Administrative Services	-	0.0%	0.0%	0.0%	0.0%	100.0%
Business Technology	Information Technology	463,228	0.0%	0.0%	0.0%	0.0%	100.0%
Water Resources Management	Resource Planning & Development	-	0.0%	0.0%	0.0%	0.0%	100.0%
Water Resources Management	Resource Implementation	-	0.0%	0.0%	0.0%	0.0%	100.0%
Water Resources Management	Office of the Group Manager	-	0.0%	0.0%	0.0%	0.0%	100.0%
Ethics Office		-	0.0%	0.0%	0.0%	0.0%	100.0%
Real Property		-	0.0%	0.0%	0.0%	0.0%	100.0%
General Counsel		-	0.0%	0.0%	0.0%	0.0%	100.0%
General Auditor		-	0.0%	0.0%	0.0%	0.0%	100.0%
<b>Total Departmental O&amp;M</b>		<b>5,482,211</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	0.0%	0.0%	0.0%	0.0%	0.0%
Supply - Capital		-	0.0%	0.0%	0.0%	0.0%	0.0%
Power - O&M & Off-Aq Capital		-	0.0%	0.0%	0.0%	0.0%	0.0%
Power - Capital (less Off-Aq)		-	0.0%	0.0%	0.0%	0.0%	0.0%
Transmission - Capital - Commodity, Demand, & Standby		-	0.0%	0.0%	0.0%	0.0%	0.0%
Transmission - O&M - Commodity only		-	0.0%	0.0%	0.0%	0.0%	0.0%
Delta Conveyance		-	0.0%	0.0%	0.0%	0.0%	0.0%
<b>Total State Water Contract</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Colorado River Aqueduct Power Costs</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Supply Programs</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Demand Management</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
Local Resources Program		-	0.0%	0.0%	0.0%	100.0%	100.0%
Future Supply Actions & Stormwater Pilot		-	0.0%	0.0%	0.0%	100.0%	100.0%
Conservation Program		-	0.0%	0.0%	0.0%	100.0%	100.0%
<b>Total Demand Management Costs</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Capital Financing</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		3,043,750	0.0%	0.0%	0.0%	100.0%	100.0%
G.O. Bond Debt Service		-	0.0%	0.0%	0.0%	100.0%	100.0%
Debt Administration		63,272	0.0%	0.0%	0.0%	100.0%	100.0%
Bond Defeasance		-	0.0%	0.0%	0.0%	100.0%	100.0%
PAYGO		1,404,000	0.0%	0.0%	0.0%	100.0%	100.0%
<b>Total Capital Financing Costs</b>		<b>4,511,022</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Regional Recycled Water Program planning costs</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Other Operating Costs</b>							
Operating Equipment		71,213	0.0%	0.0%	0.0%	100.0%	100.0%
Succession Planning Labor Pool		69,685	0.0%	0.0%	0.0%	100.0%	100.0%
OPEB/PERS Pre-Funding		-	0.0%	0.0%	0.0%	100.0%	100.0%
<b>Total Other Operating Costs</b>		<b>140,898</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Increase/(Decrease) in Required Reserves</b>		<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>100.0%</b>	<b>100.0%</b>
<b>Total General District Requirements</b>		<b>4,651,920</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>10,134,132</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	0.0%	0.0%	0.0%	100.0%	100.0%
Property Taxes - MWD GO Debt Service		-	0.0%	0.0%	0.0%	100.0%	100.0%
Interest on Investments		96,198	0.0%	0.0%	0.0%	100.0%	100.0%
Hydro-Power Revenue		11,747,905	0.0%	0.0%	0.0%	100.0%	100.0%
CRA Power Revenue		-	0.0%	0.0%	0.0%	100.0%	100.0%
Wadsworth Pumping Plant (DVL) Power Revenue		-	0.0%	0.0%	0.0%	100.0%	100.0%
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	0.0%	0.0%	0.0%	100.0%	100.0%
Misc. allocated to supply (PVID Lease)		-	0.0%	0.0%	0.0%	100.0%	100.0%
Property Taxes - above GO Debt Service		-	0.0%	0.0%	0.0%	100.0%	100.0%
Revenue Reserve used for Revenue Bonds - I&P		-	0.0%	0.0%	0.0%	100.0%	100.0%
Annexation		-	0.0%	0.0%	0.0%	100.0%	100.0%
<b>Total Revenue Offsets</b>		<b>11,844,103</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>(1,709,972)</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>

Allocation of Revenue Requirements: Hydroelectric  
Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total
		Demand	Fixed		Variable Commodity	Hydroelectric	
			Commodity	Standby			
<b>Departmental O&amp;M</b>							
<b>Group</b>	<b>Item</b>						
Office of General Manager		55,009	-	-	-	55,009	55,009
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-
Human Resources		141,760	-	-	-	141,760	141,760
Water Systems Operations	Office of the Manager	133,503	-	-	-	133,503	133,503
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	21,693	-	-	-	21,693	21,693
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Services	34,928	-	-	-	34,928	34,928
Water Systems Operations	Operations Support Services	87,273	-	-	-	87,273	87,273
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	43,276	-	-	-	43,276	43,276
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	-	-	-	-	-	-
Water Systems Operations	C&D, Eastern Unit	842,974	-	-	-	842,974	842,974
Water Systems Operations	C&D, Western Unit	852,671	-	-	-	852,671	852,671
Water Systems Operations	OSS, Manufacturing Services Unit	131,171	-	-	-	131,171	131,171
Water Systems Operations	Environmental Health & Safety Section	99,040	-	-	-	99,040	99,040
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	2,110,239	-	-	-	2,110,239	2,110,239
Water Systems Operations	Office of the Manager, Operations & Planning Section	8,761	-	-	-	8,761	8,761
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-
Office of the Chief Financial Officer		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		456,685	-	-	-	456,685	456,685
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	463,228	-	-	-	463,228	463,228
Water Resources Management	Resource Planning & Development	-	-	-	-	-	-
Water Resources Management	Resource Implementation	-	-	-	-	-	-
Water Resources Management	Office of the Group Manager	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-
Real Property		-	-	-	-	-	-
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>5,482,211</b>	-	-	-	<b>5,482,211</b>	<b>5,482,211</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		-	-	-	-	-	-
Supply - Capital		-	-	-	-	-	-
Power - O&M & Off-Aq Capital		-	-	-	-	-	-
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-
Transmission - O&M - Commodity only		-	-	-	-	-	-
Delta Conveyance		-	-	-	-	-	-
<b>Total State Water Contract</b>							
<b>Colorado River Aqueduct Power Costs</b>							
<b>Supply Programs</b>							
<b>Demand Management</b>							
Local Resources Program		-	-	-	-	-	-
Future Supply Actions & Stormwater Pilot		-	-	-	-	-	-
Conservation Program		-	-	-	-	-	-
<b>Total Demand Management Costs</b>							
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		3,043,750	-	-	-	3,043,750	3,043,750
G.O. Bond Debt Service		-	-	-	-	-	-
Debt Administration		63,272	-	-	-	63,272	63,272
Bond Defeasance		-	-	-	-	-	-
PAYGO		1,404,000	-	-	-	1,404,000	1,404,000
<b>Total Capital Financing Costs</b>		<b>4,511,022</b>	-	-	-	<b>4,511,022</b>	<b>4,511,022</b>
<b>Regional Recycled Water Program planning costs</b>							
<b>Other Operating Costs</b>							
Operating Equipment		71,213	-	-	-	71,213	71,213
Succession Planning Labor Pool		69,685	-	-	-	69,685	69,685
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		<b>140,898</b>	-	-	-	<b>140,898</b>	<b>140,898</b>
<b>Increase/(Decrease) in Required Reserves</b>							
<b>Total General District Requirements</b>		<b>4,651,920</b>	-	-	-	<b>4,651,920</b>	<b>4,651,920</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>10,134,132</b>	-	-	-	<b>10,134,132</b>	<b>10,134,132</b>
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-
Property Taxes - MWD GO Debt Service		-	-	-	-	-	-
Interest on Investments		96,198	-	-	-	96,198	96,198
Hydro-Power Revenue		11,747,905	-	-	-	11,747,905	11,747,905
CRA Power Revenue		-	-	-	-	-	-
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-
Property Taxes - above GO Debt Service		-	-	-	-	-	-
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		<b>11,844,103</b>	-	-	-	<b>11,844,103</b>	<b>11,844,103</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>(1,709,972)</b>	-	-	-	<b>(1,709,972)</b>	<b>(1,709,972)</b>

**Direct Labor used for A&G Allocation**  
 Allocation of Revenue Requirements: Hydroelectric  
 Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total	
		Fixed			Variable Commodity	Other		Hydroelectric
		Demand	Commodity	Standby				
<b>Departmental O&amp;M</b>								
<b>Group</b>	<b>Item</b>							
Office of General Manager		52,457	-	-	-	-	52,457	52,457
Office of General Manager	Board of Directors	-	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-	-
External Affairs	Legislative Services	-	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-	-
External Affairs	Conservation & Community Services	-	-	-	-	-	-	-
Human Resources		115,771	-	-	-	-	115,771	115,771
Water Systems Operations	Office of the Manager	105,240	-	-	-	-	105,240	105,240
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	22,045	-	-	-	-	22,045	22,045
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-	-
Water Systems Operations	Office of the Manager, Operations Support Services	29,259	-	-	-	-	29,259	29,259
Water Systems Operations	Operations Support Services	80,020	-	-	-	-	80,020	80,020
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-	-
Water Systems Operations	System Operations Unit	-	-	-	-	-	-	-
Water Systems Operations	Power Operations and Planning	38,049	-	-	-	-	38,049	38,049
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-	-
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-	-
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-	-
Water Systems Operations	Treatment Mills	-	-	-	-	-	-	-
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-	-
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-	-
Water Systems Operations	Water Quality Section	-	-	-	-	-	-	-
Water Systems Operations	C&D, Eastern Unit	606,893	-	-	-	-	606,893	606,893
Water Systems Operations	C&D, Western Unit	655,684	-	-	-	-	655,684	655,684
Water Systems Operations	OSS, Manufacturing Services Unit	120,794	-	-	-	-	120,794	120,794
Water Systems Operations	Environmental Health & Safety Section	78,672	-	-	-	-	78,672	78,672
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-	-
Water Systems Operations	OSS, Power Support Unit	1,931,586	-	-	-	-	1,931,586	1,931,586
Water Systems Operations	Office of the Manager, Operations & Planning Section	7,636	-	-	-	-	7,636	7,636
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-	-
Office of the Chief Financial O		-	-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-	-
Engineering Services		413,756	-	-	-	-	413,756	413,756
Business Technology	Administrative Services	-	-	-	-	-	-	-
Business Technology	Information Technology	314,044	-	-	-	-	314,044	314,044
Water Resources Managemen	Resource Planning & Development	-	-	-	-	-	-	-
Water Resources Managemen	Resource Implementation	-	-	-	-	-	-	-
Water Resources Managemen	Office of the Group Manager	-	-	-	-	-	-	-
Ethics Office		-	-	-	-	-	-	-
Real Property		-	-	-	-	-	-	-
General Counsel		-	-	-	-	-	-	-
General Auditor		-	-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>4,571,905</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,571,905</b>	<b>4,571,905</b>



Allocation of Revenue Requirements: Demand Management  
Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total	
		Demand	Fixed		Variable Commodity	Other		Hydroelectric
			Commodity	Standby				
<b>Departmental O&amp;M</b>								
<b>Group</b>	<b>Item</b>							
Office of General Manager		115,143	-	115,143	-	-	115,143	
Office of General Manager	Board of Directors	-	-	-	-	-	-	
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-	
External Affairs	Legislative Services	-	-	-	-	-	-	
External Affairs	Media Communications Services	-	-	-	-	-	-	
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-	
External Affairs	Conservation & Community Services	2,951,233	-	2,951,233	-	-	2,951,233	
Human Resources		296,729	-	296,729	-	-	296,729	
Water Systems Operations	Office of the Manager	-	-	-	-	-	-	
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	-	-	-	-	-	
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-	
Water Systems Operations	Office of the Manager, Operations Support Service	-	-	-	-	-	-	
Water Systems Operations	Operations Support Services	-	-	-	-	-	-	
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-	
Water Systems Operations	System Operations Unit	-	-	-	-	-	-	
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-	
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-	
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-	
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-	
Water Systems Operations	Treatment Mills	-	-	-	-	-	-	
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-	
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-	
Water Systems Operations	Water Quality Section	-	-	-	-	-	-	
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-	
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-	
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-	
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-	
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-	
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-	
Water Systems Operations	Office of the Manager, Operations & Planning Sect	-	-	-	-	-	-	
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-	
Office of the Chief Financial O		-	-	-	-	-	-	
Business Technology	Office of Manager	-	-	-	-	-	-	
Engineering Services		-	-	-	-	-	-	
Business Technology	Administrative Services	-	-	-	-	-	-	
Business Technology	Information Technology	969,617	-	969,617	-	-	969,617	
Water Resources Management	Resource Planning & Development	112,205	-	112,205	-	-	112,205	
Water Resources Management	Resource Implementation	6,236,085	-	6,236,085	-	-	6,236,085	
Water Resources Management	Office of the Group Manager	794,221	-	794,221	-	-	794,221	
Ethics Office		-	-	-	-	-	-	
Real Property		-	-	-	-	-	-	
General Counsel		-	-	-	-	-	-	
General Auditor		-	-	-	-	-	-	
<b>Total Departmental O&amp;M</b>		<b>11,475,232</b>		<b>11,475,232</b>			<b>11,475,232</b>	
<b>GENERAL DISTRICT REQUIREMENTS</b>								
<b>State Water Contract</b>								
Supply - O&M		-	-	-	-	-	-	
Supply - Capital		-	-	-	-	-	-	
Power - O&M & Off-Aq Capital		-	-	-	-	-	-	
Power - Capital (less Off-Aq)		-	-	-	-	-	-	
Transmission - Capital - Commodity, Demand, & Standby		-	-	-	-	-	-	
Transmission - O&M - Commodity only		-	-	-	-	-	-	
Delta Conveyance		-	-	-	-	-	-	
<b>Total State Water Contract</b>								
<b>Colorado River Aqueduct Power Costs</b>								
<b>Supply Programs</b>								
<b>Demand Management</b>								
Local Resources Program		20,346,694	-	20,346,694	-	-	20,346,694	
Future Supply Actions & Stormwater Pilot		7,145,000	-	7,145,000	-	-	7,145,000	
Conservation Program		25,000,000	-	25,000,000	-	-	25,000,000	
<b>Total Demand Management Costs</b>		<b>52,491,694</b>		<b>52,491,694</b>			<b>52,491,694</b>	
<b>Capital Financing</b>								
Revenue Bond Debt Service net of BABS Interest Subsidy Payment		-	-	-	-	-	-	
G.O. Bond Debt Service		-	-	-	-	-	-	
Debt Administration		-	-	-	-	-	-	
Bond Defeasance		-	-	-	-	-	-	
PAYGO		-	-	-	-	-	-	
<b>Total Capital Financing Costs</b>								
<b>Regional Recycled Water Program planning costs</b>								
<b>Other Operating Costs</b>								
Operating Equipment		149,061	-	149,061	-	-	149,061	
Succession Planning Labor Pool		145,863	-	145,863	-	-	145,863	
OPEB\PERS Pre-Funding		-	-	-	-	-	-	
<b>Total Other Operating Costs</b>		<b>294,924</b>		<b>294,924</b>			<b>294,924</b>	
<b>Increase/(Decrease) in Required Reserves</b>								
<b>Total General District Requirements</b>		<b>52,786,618</b>		<b>52,786,618</b>			<b>52,786,618</b>	
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>64,261,850</b>		<b>64,261,850</b>			<b>64,261,850</b>	
<b>Revenue Offsets</b>								
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-	
Property Taxes - MWD GO Debt Service		-	-	-	-	-	-	
Interest on Investments		610,004	-	610,004	-	-	610,004	
Hydro-Power Revenue		-	-	-	-	-	-	
CRA Power Revenue		-	-	-	-	-	-	
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-	
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-	
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-	
Property Taxes - above GO Debt Service		-	-	-	-	-	-	
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-	
Annexation		-	-	-	-	-	-	
<b>Total Revenue Offsets</b>		<b>610,004</b>		<b>610,004</b>			<b>610,004</b>	
<b>NET REVENUE REQUIREMENTS:</b>		<b>63,651,846</b>		<b>63,651,846</b>			<b>63,651,846</b>	

**Direct Labor used for A&G Allocation**  
Allocation of Revenue Requirements: Demand Management  
Fiscal Year Ending 2022

		Functionalization	Allocation Percentages				Total	
			Fixed			Variable Commodity		Hydroelectric
			Demand	Commodity	Standby			
<b>Departmental O&amp;M</b>								
<b>Group</b>	<b>Item</b>							
Office of General Manager		109,802	-	109,802	-	-	109,802	
Office of General Manager	Board of Directors	-	-	-	-	-	-	
Bay Delta Initiatives	Bay Delta Initiatives	-	-	-	-	-	-	
External Affairs	Legislative Services	-	-	-	-	-	-	
External Affairs	Media Communications Services	-	-	-	-	-	-	
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-	
External Affairs	Conservation & Community Services	1,907,026	-	1,907,026	-	-	1,907,026	
Human Resources		242,328	-	242,328	-	-	242,328	
Water Systems Operations	Office of the Manager	-	-	-	-	-	-	
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	-	-	-	-	-	-	
Water Systems Operations	Office of the Manager, Treatment Section	-	-	-	-	-	-	
Water Systems Operations	Office of the Manager, Operations Support Services	-	-	-	-	-	-	
Water Systems Operations	Operations Support Services	-	-	-	-	-	-	
Water Systems Operations	Desert Region / C&D CRA	-	-	-	-	-	-	
Water Systems Operations	System Operations Unit	-	-	-	-	-	-	
Water Systems Operations	Power Operations and Planning	-	-	-	-	-	-	
Water Systems Operations	Operations Planning & Programs Unit	-	-	-	-	-	-	
Water Systems Operations	Treatment Jensen	-	-	-	-	-	-	
Water Systems Operations	Treatment Diemer	-	-	-	-	-	-	
Water Systems Operations	Treatment Mills	-	-	-	-	-	-	
Water Systems Operations	Treatment Skinner	-	-	-	-	-	-	
Water Systems Operations	Treatment Weymouth	-	-	-	-	-	-	
Water Systems Operations	Water Quality Section	-	-	-	-	-	-	
Water Systems Operations	C&D, Eastern Unit	-	-	-	-	-	-	
Water Systems Operations	C&D, Western Unit	-	-	-	-	-	-	
Water Systems Operations	OSS, Manufacturing Services Unit	-	-	-	-	-	-	
Water Systems Operations	Environmental Health & Safety Section	-	-	-	-	-	-	
Water Systems Operations	OSS, Fleet Services Unit	-	-	-	-	-	-	
Water Systems Operations	OSS, Power Support Unit	-	-	-	-	-	-	
Water Systems Operations	Office of the Manager, Operations & Planning Section	-	-	-	-	-	-	
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-	
Office of the Chief Financial O		-	-	-	-	-	-	
Business Technology	Office of Manager	-	-	-	-	-	-	
Engineering Services		-	-	-	-	-	-	
Business Technology	Administrative Services	-	-	-	-	-	-	
Business Technology	Information Technology	657,350	-	657,350	-	-	657,350	
Water Resources Management	Resource Planning & Development	100,211	-	100,211	-	-	100,211	
Water Resources Management	Resource Implementation	3,997,376	-	3,997,376	-	-	3,997,376	
Water Resources Management	Office of the Group Manager	796,630	-	796,630	-	-	796,630	
Ethics Office		-	-	-	-	-	-	
Real Property		-	-	-	-	-	-	
General Counsel		-	-	-	-	-	-	
General Auditor		-	-	-	-	-	-	
<b>Total Departmental O&amp;M</b>		<b>7,810,725</b>	<b>-</b>	<b>7,810,725</b>	<b>-</b>	<b>-</b>	<b>7,810,725</b>	



Allocation of Revenue Requirements: Administrative & General  
Fiscal Year Ending 2022

	Functionalization	Allocation Percentages					Total	
		Fixed			Variable Commodity	Other		Hydroelectric
		Demand	Commodity	Standby				
<b>Departmental O&amp;M</b>								
<b>Group</b>	<b>Item</b>							
Office of General Manager	Office of General Manager	-	1,859,350	-	-	25,577	1,884,927	
Office of General Manager	Board of Directors	-	-	-	-	-	-	
Bay Delta Initiatives	Bay Delta Initiatives	-	2,702,292	-	-	-	2,702,292	
External Affairs	Legislative Services	-	-	-	-	-	-	
External Affairs	Media Communications Services	-	-	-	-	-	-	
External Affairs	Manager, External Affairs/Special Projects	-	-	-	-	-	-	
External Affairs	Conservation & Community Services	-	-	-	-	-	-	
Human Resources		-	929,830	-	-	-	929,830	
Water Systems Operations	Office of the Manager	-	4,103,489	-	-	56,448	4,159,936	
Water Systems Operations	Office of the Manager, Conveyance & Distribution S	-	2,696,450	-	-	51,313	2,747,763	
Water Systems Operations	Office of the Manager, Treatment Section	-	445,588	-	-	10,749	456,337	
Water Systems Operations	Operations Support Services	-	204,418	-	-	-	204,418	
Water Systems Operations	Office of the Manager, Operations Support Service	-	749,666	-	-	14,266	763,932	
Water Systems Operations	Operations Support Services	-	3,500,807	-	-	39,016	3,539,823	
Water Systems Operations	Desert Region / C&D CRA	-	12,812,251	-	-	-	12,812,251	
Water Systems Operations	System Operations Unit	-	3,919,417	-	-	-	3,919,417	
Water Systems Operations	Power Operations and Planning	-	1,668,003	-	-	18,552	1,686,556	
Water Systems Operations	Operations Planning & Programs Unit	-	1,286,209	-	-	-	1,286,209	
Water Systems Operations	Treatment Jensen	-	5,621,572	-	-	-	5,621,572	
Water Systems Operations	Treatment Diemer	-	5,483,339	-	-	-	5,483,339	
Water Systems Operations	Treatment Mills	-	5,251,337	-	-	-	5,251,337	
Water Systems Operations	Treatment Skinner	-	5,042,338	-	-	-	5,042,338	
Water Systems Operations	Treatment Weymouth	-	5,996,594	-	-	-	5,996,594	
Water Systems Operations	Water Quality Section	-	11,221,698	-	-	-	11,221,698	
Water Systems Operations	C&D, Eastern Unit	-	7,101,830	-	-	295,910	7,397,739	
Water Systems Operations	C&D, Western Unit	-	5,606,431	-	-	319,699	5,926,130	
Water Systems Operations	OSS, Manufacturing Services Unit	-	3,334,300	-	-	58,897	3,393,197	
Water Systems Operations	Environmental Health & Safety Section	-	6,048,571	-	-	38,359	6,086,930	
Water Systems Operations	OSS, Fleet Services Unit	-	3,238,040	-	-	-	3,238,040	
Water Systems Operations	OSS, Power Support Unit	-	2,758,673	-	-	941,805	3,700,479	
Water Systems Operations	Office of the Manager, Operations & Planning Sect	-	195,656	-	-	3,723	199,379	
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-	
Office of the Chief Financial O		-	-	-	-	-	-	
Business Technology	Office of Manager	-	-	-	-	-	-	
Engineering Services		-	18,090,605	-	-	201,740	18,292,345	
Business Technology	Administrative Services	-	-	-	-	-	-	
Business Technology	Information Technology	-	11,131,303	-	-	153,122	11,284,425	
Water Resources Managemen	Resource Planning & Development	-	2,220,959	-	-	-	2,220,959	
Water Resources Managemen	Resource Implementation	-	5,143,215	-	-	-	5,143,215	
Water Resources Managemen	Office of the Group Manager	-	1,318,925	-	-	-	1,318,925	
Ethics Office		-	-	-	-	-	-	
Real Property		-	2,770,751	-	-	-	2,770,751	
General Counsel		-	-	-	-	-	-	
General Auditor		-	-	-	-	-	-	
<b>Total Departmental O&amp;M</b>		-	144,453,906	-	-	2,229,175	146,683,082	
<b>GENERAL DISTRICT REQUIREMENTS</b>		-	-	-	-	-	-	
<b>State Water Contract</b>		-	-	-	-	-	-	
Supply - O&M		-	6,437,770	-	-	-	6,437,770	
Supply - Capital		-	4,162,707	-	-	-	4,162,707	
Power - O&M & Off-Aq Capital		-	-	-	14,799,037	-	14,799,037	
Power - Capital (less Off-Aq)		-	-	-	-	-	-	
Transmission - Capital - Commodity, Demand, & Standby		1,176,597	3,268,326	2,182,106	-	-	6,627,029	
Transmission - O&M - Commodity only		-	12,743,009	-	-	-	12,743,009	
Delta Conveyance		309,314	859,207	573,651	-	-	1,742,173	
<b>Total State Water Contract</b>		1,485,912	27,471,018	2,755,757	14,799,037	-	46,511,724	
<b>Colorado River Aqueduct Power Costs</b>		-	-	-	4,012,931	-	4,012,931	
<b>Supply Programs</b>		-	4,264,145	-	-	-	4,264,145	
<b>Demand Management</b>		-	-	-	-	-	-	
Local Resources Program		-	1,417,898	-	-	-	1,417,898	
Future Supply Actions & Stormwater Pilot		-	497,913	-	-	-	497,913	
Conservation Program		-	1,742,173	-	-	-	1,742,173	
<b>Total Demand Management Costs</b>		-	3,657,984	-	-	-	3,657,984	
<b>Capital Financing</b>		-	-	-	-	-	-	
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		4,081,973	8,355,620	6,582,921	-	212,110	19,232,624	
G.O. Bond Debt Service		205,064	218,867	150,231	-	-	574,163	
Debt Administration		84,854	173,693	136,843	-	4,409	399,798	
Bond Defeasance		-	-	-	-	-	-	
PAYGO		1,882,904	3,854,223	3,036,524	-	97,840	8,871,491	
<b>Total Capital Financing Costs</b>		6,254,795	12,602,403	9,906,519	-	314,359	29,078,076	
<b>Regional Recycled Water Program planning costs</b>		-	1,045,304	-	-	-	1,045,304	
<b>Other Operating Costs</b>		-	-	-	-	-	-	
Operating Equipment		-	354,167	6,591	-	4,963	365,721	
Succession Planning Labor Pool		-	346,570	6,450	-	4,856	357,876	
OPEB/RS Pre-Funding		-	-	-	-	-	-	
<b>Total Other Operating Costs</b>		-	700,737	13,041	-	9,819	723,597	
<b>Increase/(Decrease) in Required Reserves</b>		-	-	-	-	-	-	
<b>Total General District Requirements</b>		7,740,707	49,741,591	12,675,317	18,811,969	324,178	89,293,761	
<b>REQUIREMENTS BEFORE OFFSETS:</b>	235,976,843	7,740,707	194,195,497	12,675,317	18,811,969	2,553,353	235,976,843	
<b>Revenue Offsets</b>								
Property Taxes - MWD Portion of SWP GO Debt Service		-	-	-	-	-	-	
Property Taxes - MWD GO Debt Service		-	-	-	-	-	-	
Interest on Investments	2,240,004	157,260	1,429,991	257,511	382,184	13,059	2,240,004	
Hydro-Power Revenue		-	-	-	-	-	-	
CRA Power Revenue		-	-	-	-	-	-	
Wadsworth Pumping Plant (DVL) Power Revenue		-	-	-	-	-	-	
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)	16,798,248	1,179,325	10,723,790	1,931,131	2,866,072	97,930	16,798,248	
Misc. allocated to supply (PVID Lease)		-	-	-	-	-	-	
Property Taxes - above GO Debt Service		-	-	-	-	-	-	
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-	
Annexation		-	-	-	-	-	-	
<b>Total Revenue Offsets</b>	19,038,252	1,336,585	12,153,780	2,188,643	3,248,256	110,989	19,038,252	
<b>NET REVENUE REQUIREMENTS:</b>	216,938,590	6,404,122	182,041,717	10,486,675	15,563,713	2,442,365	216,938,590	



Detailed Summary of Cost Allocations (by budget line Item, Includes Administrative and General Costs)  
Fiscal Year Ending 2022

	Total Costs to Be Allocated	A&G Cost Redistribution	Adjusted Costs	Allocation Categories					Total
				Demand	Fixed		Variable Commodity	Hydroelectric	
					Commodity	Standby			
<b>Departmental O&amp;M</b>									
<b>Group</b>	<b>Item</b>								
Office of General Manager		1,471,822	4,467,000	5,938,822	-	5,858,236	-	80,586	5,938,822
Office of General Manager	Board of Directors	1,938,982	(1,938,982)	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	-	12,001,487	12,001,487	-	12,001,487	-	-	12,001,487
External Affairs	Legislative Services	6,312,296	(6,312,296)	-	-	-	-	-	-
External Affairs	Media Communications Services	5,410,993	(5,410,993)	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Projects	10,013,226	(10,013,226)	-	-	-	-	-	-
External Affairs	Conservation & Community Services	2,951,233	929,830	3,881,063	-	3,881,063	-	-	3,881,063
Human Resources		3,792,962	10,814,069	14,607,030	-	14,408,823	-	198,208	14,607,030
Water Systems Operations	Office of the Manager	39,789	9,856,963	9,896,752	-	9,711,935	-	184,816	9,896,752
Water Systems Operations	Office of the Manager, Conveyance & Distribution Section	2,536	1,374,800	1,377,336	-	1,344,895	-	32,442	1,377,336
Water Systems Operations	Office of the Manager, Treatment Section	-	1,338,846	1,338,846	-	1,338,846	-	-	1,338,846
Water Systems Operations	Office of the Manager, Operations Support Services	10,410	2,623,881	2,634,291	-	2,585,097	-	49,194	2,634,291
Water Systems Operations	Operations Support Services	15,868	11,441,971	11,457,839	-	11,331,550	-	126,289	11,457,839
Water Systems Operations	Desert Region / C&D CRA	-	43,876,499	43,876,499	-	43,876,499	-	-	43,876,499
Water Systems Operations	System Operations Unit	-	13,233,922	13,233,922	-	13,233,922	-	-	13,233,922
Water Systems Operations	Power Operations and Planning	-	5,620,773	5,620,773	-	5,558,945	-	61,829	5,620,773
Water Systems Operations	Operations Planning & Programs Unit	-	3,954,140	3,954,140	-	3,954,140	-	-	3,954,140
Water Systems Operations	Treatment Jensen	-	24,019,754	24,019,754	-	17,911,025	6,108,729	-	24,019,754
Water Systems Operations	Treatment Diemer	-	27,266,441	27,266,441	-	17,886,502	9,379,939	-	27,266,441
Water Systems Operations	Treatment Mills	-	19,487,519	19,487,519	-	16,267,317	3,220,202	-	19,487,519
Water Systems Operations	Treatment Skinner	-	21,532,459	21,532,459	-	15,906,896	5,625,563	-	21,532,459
Water Systems Operations	Treatment Weymouth	-	27,174,189	27,174,189	-	19,113,815	8,060,373	-	27,174,189
Water Systems Operations	Water Quality Section	-	39,242,189	39,242,189	-	39,242,189	-	-	39,242,189
Water Systems Operations	C&D, Eastern Unit	-	28,472,102	28,472,102	-	27,333,218	-	1,138,884	28,472,102
Water Systems Operations	C&D, Western Unit	191,971	21,538,772	21,731,743	-	20,559,373	-	1,172,370	21,731,743
Water Systems Operations	OSS, Manufacturing Services Unit	16,283	10,934,037	10,950,320	-	10,760,252	-	190,068	10,950,320
Water Systems Operations	Environmental Health & Safety Section	4,716	21,798,062	21,802,778	-	21,665,379	-	137,399	21,802,778
Water Systems Operations	OSS, Fleet Services Unit	1,339,807	12,311,116	13,650,923	-	13,650,923	-	-	13,650,923
Water Systems Operations	OSS, Power Support Unit	16,616	11,975,272	11,991,888	-	8,939,845	3,052,044	-	11,991,888
Water Systems Operations	Office of the Manager, Operations & Planning Section	2,611	665,899	668,510	-	656,026	-	12,484	668,510
Water Systems Operations	Security Team & Security Management	-	-	-	-	-	-	-	-
Office of the Chief Financial Officer		27,615,004	(27,615,004)	-	-	-	-	-	-
Business Technology	Office of the Manager	1,010,651	(1,010,651)	-	-	-	-	-	-
Business Technology		2,502,987	57,198,422	59,701,409	-	59,042,984	-	658,425	59,701,409
Business Technology	Administrative Services	39,427,446	(39,427,446)	-	-	-	-	-	-
Business Technology	Information Technology	12,394,207	33,028,037	45,422,244	-	44,805,894	-	616,350	45,422,244
Water Resources Management	Resource Planning & Development	-	7,321,179	7,321,179	-	7,321,179	-	-	7,321,179
Water Resources Management	Resource Implementation	19,771	21,579,459	21,599,230	-	21,599,230	-	-	21,599,230
Water Resources Management	Office of the Group Manager	2,473	4,013,304	4,015,778	-	4,015,778	-	-	4,015,778
Ethics Office		1,608,910	(1,608,910)	-	-	-	-	-	-
Real Property		7,017,786	7,810,432	14,828,218	-	14,828,218	-	-	14,828,218
General Counsel		17,002,271	(17,002,271)	-	-	-	-	-	-
General Auditor		4,549,453	(4,549,453)	-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>146,683,082</b>	<b>404,014,592</b>	<b>550,697,673</b>	-	<b>510,591,480</b>	<b>32,394,807</b>	<b>7,711,387</b>	<b>550,697,673</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>									
<b>State Water Contract</b>									
Supply - O&M		92,381,352	6,437,770	98,819,122	-	98,819,122	-	-	98,819,122
Supply - Capital		59,734,418	4,162,707	63,897,125	-	63,897,125	-	-	63,897,125
Power - O&M & Off-Aq Capital		212,364,687	14,799,037	227,163,724	-	-	227,163,724	-	227,163,724
Power - Capital (less Off-Aq)		(13,053,358)	-	-	-	-	(13,053,358)	-	(13,053,358)
Transmission - Capital - Commodity, Demand, & Standby		95,097,195	6,627,029	101,724,224	18,060,649	50,168,470	33,495,105	-	101,724,224
Transmission - O&M - Commodity only		182,860,883	12,743,009	195,603,892	-	195,603,892	-	-	195,603,892
Delta Conveyance		25,000,000	1,742,173	26,742,173	4,747,945	13,188,736	8,805,492	-	26,742,173
<b>Total State Water Contract</b>		<b>654,385,178</b>	<b>46,511,724</b>	<b>700,896,902</b>	<b>22,808,594</b>	<b>421,677,345</b>	<b>42,300,597</b>	<b>214,110,367</b>	<b>700,896,902</b>
<b>Colorado River Aqueduct Power Costs</b>		<b>57,585,160</b>	<b>4,012,931</b>	<b>61,598,091</b>	-	-	-	<b>61,598,091</b>	<b>61,598,091</b>
<b>Supply Programs</b>		<b>61,190,053</b>	<b>4,264,145</b>	<b>65,454,198</b>	-	<b>65,454,198</b>	-	-	<b>65,454,198</b>
<b>Demand Management</b>									
Local Resources Program		20,346,694	1,417,898	21,764,592	-	21,764,592	-	-	21,764,592
Future Supply Actions & Stormwater Pilot		7,145,000	497,913	7,642,913	-	7,642,913	-	-	7,642,913
Conservation Program		25,000,000	1,742,173	26,742,173	-	26,742,173	-	-	26,742,173
<b>Total Demand Management Costs</b>		<b>52,491,694</b>	<b>3,657,984</b>	<b>56,149,678</b>	-	<b>56,149,678</b>	-	-	<b>56,149,678</b>
<b>Capital Financing</b>									
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		292,668,300	2,550,531	295,218,831	62,657,874	128,257,927	101,047,170	-	295,218,831
G.O. Bond Debt Service		8,239,175	574,163	8,813,338	3,147,707	3,359,594	2,306,037	-	8,813,338
Debt Administration		6,083,846	53,019	6,136,865	1,302,501	2,666,163	2,100,519	-	6,136,865
Bond Defeasance		-	-	-	-	-	-	-	-
PAYGO		135,000,000	1,176,491	136,176,491	28,902,389	59,161,925	46,610,337	-	136,176,491
<b>Total Capital Financing Costs</b>		<b>441,991,321</b>	<b>4,354,204</b>	<b>446,345,524</b>	<b>96,010,470</b>	<b>193,445,610</b>	<b>152,064,063</b>	-	<b>446,345,524</b>
<b>Regional Recycled Water Program planning costs</b>		<b>15,000,000</b>	<b>1,045,304</b>	<b>16,045,304</b>	-	<b>16,045,304</b>	-	-	<b>16,045,304</b>
<b>Other Operating Costs</b>									
Operating Equipment		7,153,432	(1,539,658)	5,613,774	-	5,436,425	101,174	-	5,613,774
Succession Planning Labor Pool		7,000,000	(1,506,634)	5,493,366	-	5,319,821	99,003	-	5,493,366
OPEB/PERS Pre-Funding		-	-	-	-	-	-	-	-
<b>Total Other Operating Costs</b>		<b>14,153,432</b>	<b>(3,046,292)</b>	<b>11,107,140</b>	-	<b>10,756,246</b>	<b>200,177</b>	-	<b>11,107,140</b>
<b>Increase/(Decrease) in Required Reserves</b>		<b>60,800,000</b>	<b>(60,800,000)</b>	-	-	-	-	-	-
<b>Total General District Requirements</b>		<b>1,357,596,837</b>	-	<b>1,357,596,837</b>	<b>118,819,065</b>	<b>763,528,380</b>	<b>194,564,837</b>	<b>275,708,458</b>	<b>1,357,596,837</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>1,504,279,919</b>	<b>404,014,592</b>	<b>1,908,294,511</b>	<b>118,819,065</b>	<b>1,274,119,860</b>	<b>194,564,837</b>	<b>308,103,264</b>	<b>1,908,294,511</b>
<b>Revenue Offsets</b>									
Property Taxes - MWD Portion of SWP GO Debt Service		3,007,666	-	3,007,666	533,997	1,483,324	990,345	-	3,007,666
Property Taxes - MWD GO Debt Service		8,239,175	-	8,239,175	2,300,846	2,479,080	3,459,248	-	8,239,175
Interest on Investments		18,114,438	-	18,114,438	2,249,133	9,863,154	2,929,175	-	18,114,438
Hydro-Power Revenue		11,747,905	-	11,747,905	-	-	-	11,747,905	11,747,905
CRA Power Revenue		9,647,870	-	9,647,870	-	-	-	9,647,870	9,647,870
Wadsworth Pumping Plant (DVL) Power Revenue		520,112	-	520,112	-	-	-	520,112	520,112
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		16,798,248	(0)	16,798,248	1,179,325	10,723,790	1,931,131	2,866,072	16,798,248
Misc. allocated to supply (PVID Lease)		3,667,408	-	3,667,408	-	3,667,408	-	-	3,667,408
Property Taxes - above GO Debt Service		128,812,532	-	128,812,532	15,273,336	85,213,415	28,325,781	-	128,812,532
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-	-	-
Annexation		-	-	-	-	-	-	-	-
<b>Total Revenue Offsets</b>		<b>200,555,354</b>	<b>(0)</b>	<b>200,555,354</b>	<b>21,536,637</b>	<b>113,430,171</b>	<b>37,635,681</b>	<b>15,997,774</b>	<b>200,555,354</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>\$ 1,707,739,156</b>	<b>\$ 404,014,592</b>	<b>\$ 1,707,739,156</b>	<b>\$ 97,282,428</b>	<b>\$ 1,160,689,689</b>	<b>\$ 156,929,156</b>	<b>\$ 292,105,491</b>	<b>\$ 1,707,739,156</b>

Costs Used for Calculating A&G Allocation Percentages  
Adjusted to exclude negative numbers  
Fiscal Year Ending 2022

	Total to Be Allocated Excluding A&G and Negative Values	Line Item Costs by Allocation Category (w/o A&G)					Total Allocations
		Fixed			Variable Commodity	Hydro- Electric	
		Demand	Commodity	Standby			
<b>Departmental O&amp;M</b>							
<i>Group</i>	<i>Item</i>						
Office of General Manager		3,865,873	-	3,813,416	-	52,457	3,865,873
Office of General Manager	Board of Directors	-	-	-	-	-	-
Bay Delta Initiatives	Bay Delta Initiatives	5,542,239	-	5,542,239	-	-	5,542,239
External Affairs	Legislative Services	-	-	-	-	-	-
External Affairs	Media Communications Services	-	-	-	-	-	-
External Affairs	Manager, External Affairs/Special Pro	-	-	-	-	-	-
External Affairs	Conservation & Community Services	1,907,026	-	1,907,026	-	-	1,907,026
Human Resources		8,531,781	-	8,416,010	-	115,771	8,531,781
Water Systems Operations	Office of the Manager	5,635,498	-	5,530,258	-	105,240	5,635,498
Water Systems Operations	Office of the Manager, Conveyance &	935,920	-	913,875	-	22,045	935,920
Water Systems Operations	Office of the Manager, Treatment Se	419,249	-	419,249	-	-	419,249
Water Systems Operations	Office of the Manager, Operations Su	1,566,778	-	1,537,520	-	29,259	1,566,778
Water Systems Operations	Operations Support Services	7,259,965	-	7,179,946	-	80,020	7,259,965
Water Systems Operations	Desert Region / C&D CRA	26,277,162	-	26,277,162	-	-	26,277,162
Water Systems Operations	System Operations Unit	8,038,489	-	8,038,489	-	-	8,038,489
Water Systems Operations	Power Operations and Planning	3,459,025	-	3,420,975	-	38,049	3,459,025
Water Systems Operations	Operations Planning & Programs Unit	2,637,938	-	2,637,938	-	-	2,637,938
Water Systems Operations	Treatment Jensen	11,529,507	-	11,529,507	-	-	11,529,507
Water Systems Operations	Treatment Diemer	11,246,000	-	11,246,000	-	-	11,246,000
Water Systems Operations	Treatment Mills	10,770,179	-	10,770,179	-	-	10,770,179
Water Systems Operations	Treatment Skinner	10,341,534	-	10,341,534	-	-	10,341,534
Water Systems Operations	Treatment Weymouth	12,298,655	-	12,298,655	-	-	12,298,655
Water Systems Operations	Water Quality Section	23,015,031	-	23,015,031	-	-	23,015,031
Water Systems Operations	C&D, Eastern Unit	15,172,321	-	14,565,428	-	606,893	15,172,321
Water Systems Operations	C&D, Western Unit	12,154,138	-	11,498,454	-	655,684	12,154,138
Water Systems Operations	OSS, Manufacturing Services Unit	6,959,244	-	6,838,451	-	120,794	6,959,244
Water Systems Operations	Environmental Health & Safety Sectio	12,483,929	-	12,405,257	-	78,672	12,483,929
Water Systems Operations	OSS, Fleet Services Unit	6,641,026	-	6,641,026	-	-	6,641,026
Water Systems Operations	OSS, Power Support Unit	7,589,460	-	5,657,874	-	1,931,586	7,589,460
Water Systems Operations	Office of the Manager, Operations &	408,915	-	401,279	-	7,636	408,915
Water Systems Operations	Security Team & Security Managemen	-	-	-	-	-	-
Office of the Chief Financial C		-	-	-	-	-	-
Business Technology	Office of Manager	-	-	-	-	-	-
Engineering Services		37,516,505	-	37,102,750	-	413,756	37,516,505
Business Technology	Administrative Services	-	-	-	-	-	-
Business Technology	Information Technology	23,143,682	-	22,829,637	-	314,044	23,143,682
Water Resources Management	Resource Planning & Development	4,555,053	-	4,555,053	-	-	4,555,053
Water Resources Management	Resource Implementation	10,548,427	-	10,548,427	-	-	10,548,427
Water Resources Management	Office of the Group Manager	2,705,036	-	2,705,036	-	-	2,705,036
Ethics Office		-	-	-	-	-	-
Real Property		5,682,644	-	5,682,644	-	-	5,682,644
General Counsel		-	-	-	-	-	-
General Auditor		-	-	-	-	-	-
<b>Total Departmental O&amp;M</b>		<b>300,838,230</b>	<b>-</b>	<b>296,266,325</b>	<b>-</b>	<b>4,571,905</b>	<b>300,838,230</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>							
<b>State Water Contract</b>							
Supply - O&M		92,381,352	-	92,381,352	-	-	92,381,352
Supply - Capital		59,734,418	-	59,734,418	-	-	59,734,418
Power - O&M & Off-Aq Capital		212,364,687	-	-	-	212,364,687	212,364,687
Power - Capital (less Off-Aq)		-	-	-	-	-	-
Transmission - Capital - Commodity, Demand, & Standby		95,097,195	16,884,052	46,900,144	31,312,999	-	95,097,195
Transmission - O&M - Commodity only		182,860,883	-	182,860,883	-	-	182,860,883
Delta Conveyance		25,000,000	4,438,630	12,329,529	8,231,841	-	25,000,000
<b>Total State Water Contract</b>		<b>667,438,536</b>	<b>21,322,682</b>	<b>394,206,327</b>	<b>39,544,839</b>	<b>212,364,687</b>	<b>667,438,536</b>
<b>Colorado River Aqueduct Power Costs</b>		<b>57,585,160</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>57,585,160</b>	<b>57,585,160</b>
<b>Supply Programs</b>		<b>61,190,053</b>	<b>-</b>	<b>61,190,053</b>	<b>-</b>	<b>-</b>	<b>61,190,053</b>
<b>Demand Management</b>							
Local Resources Program		20,346,694	-	20,346,694	-	-	20,346,694
Future Supply Actions & Stormwater Pilot		7,145,000	-	7,145,000	-	-	7,145,000
Conservation Program		25,000,000	-	25,000,000	-	-	25,000,000
<b>Total Demand Management Costs</b>		<b>52,491,694</b>	<b>-</b>	<b>52,491,694</b>	<b>-</b>	<b>-</b>	<b>52,491,694</b>
<b>Capital Financing</b>							
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		275,986,207	58,575,901	119,902,307	94,464,249	3,043,750	275,986,207
G.O. Bond Debt Service		8,239,175	2,942,643	3,140,726	2,155,806	-	8,239,175
Debt Administration		5,737,067	1,217,647	2,492,471	1,963,677	63,272	5,737,067
Bond Defeasance		-	-	-	-	-	-
PAYGO		127,305,000	27,019,485	55,307,703	43,573,812	1,404,000	127,305,000
<b>Total Capital Financing Costs</b>		<b>417,267,448</b>	<b>89,755,675</b>	<b>180,843,207</b>	<b>142,157,544</b>	<b>4,511,022</b>	<b>417,267,448</b>
<b>Regional Recycled Water Program planning costs</b>		<b>15,000,000</b>	<b>-</b>	<b>15,000,000</b>	<b>-</b>	<b>-</b>	<b>15,000,000</b>
<b>Other Operating Costs</b>							
Operating Equipment		5,248,053	-	5,082,258	94,582	71,213	5,248,053
Succession Planning Labor Pool		5,135,490	-	4,973,251	92,554	69,685	5,135,490
OPEB/PERS Pre-Funding		-	-	-	-	-	-
<b>Total Other Operating Costs</b>		<b>10,383,543</b>	<b>-</b>	<b>10,055,509</b>	<b>187,136</b>	<b>140,898</b>	<b>10,383,543</b>
<b>Increase/(Decrease) in Required Reserves</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total General District Requirements</b>		<b>1,281,356,434</b>	<b>111,078,358</b>	<b>713,786,790</b>	<b>181,889,519</b>	<b>269,949,847</b>	<b>1,281,356,434</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>1,582,194,664</b>	<b>111,078,358</b>	<b>1,010,053,115</b>	<b>181,889,519</b>	<b>269,949,847</b>	<b>1,582,194,664</b>
<b>Revenue Offsets</b>							
Property Taxes - MWD Portion of SWP GO Debt Service		3,007,666	533,997	1,483,324	990,345	-	3,007,666
Property Taxes - MWD GO Debt Service		8,239,175	2,300,846	3,140,080	3,459,248	-	8,239,175
Interest on Investments		15,874,434	2,091,873	8,433,164	2,671,664	2,581,536	15,874,434
Hydro-Power Revenue		11,747,905	-	-	-	11,747,905	11,747,905
CRA Power Revenue		9,647,870	-	-	-	9,647,870	9,647,870
Wadsworth Pumping Plant (DVL) Power Revenue		520,112	-	-	-	520,112	520,112
Misc. allocated to A&G (CVWD, Lease, Late Fees, etc.)		-	-	-	-	-	-
Misc. allocated to supply (PVID Lease)		3,667,408	-	3,667,408	-	-	3,667,408
Property Taxes - above GO Debt Service		128,812,532	15,273,336	85,213,415	28,325,781	-	128,812,532
Revenue Reserve used for Revenue Bonds - I&P		-	-	-	-	-	-
Annexation		-	-	-	-	-	-
<b>Total Revenue Offsets</b>		<b>181,517,102</b>	<b>20,200,052</b>	<b>101,276,391</b>	<b>35,447,038</b>	<b>12,749,518</b>	<b>181,517,102</b>
<b>NET REVENUE REQUIREMENTS:</b>		<b>\$ 1,400,677,562</b>	<b>\$ 90,878,306</b>	<b>\$ 908,776,724</b>	<b>\$ 146,442,481</b>	<b>\$ 257,200,329</b>	<b>\$ (2,620,278)</b>
							<b>\$ 1,400,677,562</b>

A&G Cost Allocation Percentages  
(Carried to COS Schedule E-a for A&G allocation)  
Fiscal Year 2022

		A&G Line Item Allocators by Allocation Category						Total
		Fixed			Variable	Demand	Hydro-Electric	
		Demand	Commodity	Standby	Commodity	Management		
<b>Departmental O&amp;M</b>								
<i>Group</i>	<i>Item</i>							
Office of General Manager		0.00%	1.27%	0.00%	0.00%	0.00%	0.02%	1.29%
Office of General Manager	Board of Directors	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Bay Delta Initiatives	Bay Delta Initiatives	0.00%	1.84%	0.00%	0.00%	0.00%	0.00%	1.84%
External Affairs	Legislative Services	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
External Affairs	Media Communications Services	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
External Affairs	Manager, External Affairs/Special Projects	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
External Affairs	Conservation & Community Services	0.00%	0.63%	0.00%	0.00%	0.00%	0.00%	0.63%
Human Resources		0.00%	2.80%	0.00%	0.00%	0.00%	0.04%	2.84%
Water Systems Operations	Office of the Manager	0.00%	1.84%	0.00%	0.00%	0.00%	0.03%	1.87%
Water Systems Operations	Office of the Manager, Conveyance & Dist	0.00%	0.30%	0.00%	0.00%	0.00%	0.01%	0.31%
Water Systems Operations	Office of the Manager, Treatment Section	0.00%	0.14%	0.00%	0.00%	0.00%	0.00%	0.14%
Water Systems Operations	Office of the Manager, Operations Support	0.00%	0.51%	0.00%	0.00%	0.00%	0.01%	0.52%
Water Systems Operations	Operations Support Services	0.00%	2.39%	0.00%	0.00%	0.00%	0.03%	2.41%
Water Systems Operations	Desert Region / C&D CRA	0.00%	8.73%	0.00%	0.00%	0.00%	0.00%	8.73%
Water Systems Operations	System Operations Unit	0.00%	2.67%	0.00%	0.00%	0.00%	0.00%	2.67%
Water Systems Operations	Power Operations and Planning	0.00%	1.14%	0.00%	0.00%	0.00%	0.01%	1.15%
Water Systems Operations	Operations Planning & Programs Unit	0.00%	0.88%	0.00%	0.00%	0.00%	0.00%	0.88%
Water Systems Operations	Treatment Jensen	0.00%	3.83%	0.00%	0.00%	0.00%	0.00%	3.83%
Water Systems Operations	Treatment Diemer	0.00%	3.74%	0.00%	0.00%	0.00%	0.00%	3.74%
Water Systems Operations	Treatment Mills	0.00%	3.58%	0.00%	0.00%	0.00%	0.00%	3.58%
Water Systems Operations	Treatment Skinner	0.00%	3.44%	0.00%	0.00%	0.00%	0.00%	3.44%
Water Systems Operations	Treatment Weymouth	0.00%	4.09%	0.00%	0.00%	0.00%	0.00%	4.09%
Water Systems Operations	Water Quality Section	0.00%	7.65%	0.00%	0.00%	0.00%	0.00%	7.65%
Water Systems Operations	C&D, Eastern Unit	0.00%	4.84%	0.00%	0.00%	0.00%	0.20%	5.04%
Water Systems Operations	C&D, Western Unit	0.00%	3.82%	0.00%	0.00%	0.00%	0.22%	4.04%
Water Systems Operations	OSS, Manufacturing Services Unit	0.00%	2.27%	0.00%	0.00%	0.00%	0.04%	2.31%
Water Systems Operations	Environmental Health & Safety Section	0.00%	4.12%	0.00%	0.00%	0.00%	0.03%	4.15%
Water Systems Operations	OSS, Fleet Services Unit	0.00%	2.21%	0.00%	0.00%	0.00%	0.00%	2.21%
Water Systems Operations	OSS, Power Support Unit	0.00%	1.88%	0.00%	0.00%	0.00%	0.64%	2.52%
Water Systems Operations	Office of the Manager, Operations & Plan	0.00%	0.13%	0.00%	0.00%	0.00%	0.00%	0.14%
Water Systems Operations	Security Team & Security Management	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Office of the Chief Financial Officer		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Business Technology	Office of Manager	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Engineering Services		0.00%	12.33%	0.00%	0.00%	0.00%	0.14%	12.47%
Business Technology	Administrative Services	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Business Technology	Information Technology	0.00%	7.59%	0.00%	0.00%	0.00%	0.10%	7.69%
Water Resources Management	Resource Planning & Development	0.00%	1.51%	0.00%	0.00%	0.00%	0.00%	1.51%
Water Resources Management	Resource Implementation	0.00%	3.51%	0.00%	0.00%	0.00%	0.00%	3.51%
Water Resources Management	Office of the Group Manager	0.00%	0.90%	0.00%	0.00%	0.00%	0.00%	0.90%
Ethics Office		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Real Property		0.00%	1.89%	0.00%	0.00%	0.00%	0.00%	1.89%
General Counsel		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
General Auditor		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>Total Departmental O&amp;M</b>		<b>0.00%</b>	<b>98.48%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>1.52%</b>	<b>100.00%</b>
<b>GENERAL DISTRICT REQUIREMENTS</b>								
<b>State Water Contract</b>								
Supply - O&M		0.00%	7.21%	0.00%	0.00%	0.00%	0.00%	7.21%
Supply - Capital		0.00%	4.66%	0.00%	0.00%	0.00%	0.00%	4.66%
Power - O&M & Off-Aq Capital		0.00%	0.00%	0.00%	16.57%	0.00%	0.00%	16.57%
Power - Capital (less Off-Aq)		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Transmission - Capital - Commodity, Demand, & Standby		1.32%	3.66%	2.44%	0.00%	0.00%	0.00%	7.42%
Transmission - O&M - Commodity only		0.00%	14.27%	0.00%	0.00%	0.00%	0.00%	14.27%
Delta Conveyance		0.35%	0.96%	0.64%	0.00%	0.00%	0.00%	1.95%
<b>Total State Water Contract</b>		<b>1.66%</b>	<b>30.76%</b>	<b>3.09%</b>	<b>16.57%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>52.09%</b>
<b>Colorado River Aqueduct Power Costs</b>		<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>4.49%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>4.49%</b>
<b>Supply Programs</b>		<b>0.00%</b>	<b>4.78%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>4.78%</b>
<b>Demand Management</b>								
Local Resources Program		0.00%	1.59%	0.00%	0.00%	0.00%	0.00%	1.59%
Future Supply Actions & Stormwater Pilot		0.00%	0.56%	0.00%	0.00%	0.00%	0.00%	0.56%
Conservation Program		0.00%	1.95%	0.00%	0.00%	0.00%	0.00%	1.95%
<b>Total Demand Management Costs</b>		<b>0.00%</b>	<b>4.10%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>4.10%</b>
<b>Capital Financing</b>								
Revenue Bond Debt Service net of BABs Interest Subsidy Payment		4.57%	9.36%	7.37%	0.00%	0.00%	0.24%	21.54%
G.O. Bond Debt Service		0.23%	0.25%	0.17%	0.00%	0.00%	0.00%	0.64%
Debt Administration		0.10%	0.19%	0.15%	0.00%	0.00%	0.00%	0.45%
Bond Defeasance		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PAYGO		2.11%	4.32%	3.40%	0.00%	0.00%	0.11%	9.94%
<b>Total Capital Financing Costs</b>		<b>7.00%</b>	<b>14.11%</b>	<b>11.09%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.35%</b>	<b>32.56%</b>
<b>Regional Recycled Water Program planning costs</b>		<b>0.00%</b>	<b>1.17%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>1.17%</b>
<b>Other Operating Costs</b>								
Operating Equipment		0.00%	0.40%	0.01%	0.00%	0.00%	0.01%	0.41%
Succession Planning Labor Pool		0.00%	0.39%	0.01%	0.00%	0.00%	0.01%	0.40%
OPEB/PERS Pre-Funding		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>Total Other Operating Costs</b>		<b>0.00%</b>	<b>0.78%</b>	<b>0.01%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.01%</b>	<b>0.81%</b>
<b>Increase/(Decrease) in Required Reserves</b>		<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>
<b>Total General District Requirements</b>		<b>8.67%</b>	<b>55.71%</b>	<b>14.20%</b>	<b>21.07%</b>	<b>0.00%</b>	<b>0.36%</b>	<b>100.00%</b>
<b>REQUIREMENTS BEFORE OFFSETS:</b>		<b>7.02%</b>	<b>63.84%</b>	<b>11.50%</b>	<b>17.06%</b>	<b>0.00%</b>	<b>0.58%</b>	<b>100.00%</b>

Functionalization of A&G Costs  
 Summary of Allocation Results before Inclusion of Administrative and General Costs  
 Fiscal Year Ending 2022

Functional Categories	Functional Costs Allocated for FY 2022	Allocation Categories (Costs Exclude Administrative and General)					Total Allocated Excluding A&G
		Fixed			Variable Commodity	Hydro-Electric	
		Demand	Commodity	Standby			
<b>Source of Supply</b>							
CRA	\$ 41,906,424.49	\$ -	\$ 41,906,424	\$ -	\$ -	\$ -	\$ 41,906,424
SWP	120,251,275	-	120,251,275	-	-	-	120,251,275
Other Supply	39,069,989	-	39,069,989	-	-	-	39,069,989
<b>Subtotal: Source of Supply</b>	<b>201,227,689</b>	-	201,227,689	-	-	-	<b>201,227,689</b>
<b>Conveyance &amp; Aqueduct</b>							
CRA							
CRA Power	62,307,232	-	15,059,520	-	47,247,712	-	62,307,232
CRA All Other	66,855,799	2,558,514	59,552,291	4,744,995	-	-	66,855,799
SWP	-	-	-	-	-	-	-
SWP Power	197,419,371	-	-	-	197,419,371	-	197,419,371
SWP All Other	236,671,335	4,961,166	222,509,240	9,200,929	-	-	236,671,335
Other Conveyance & Aqueduct	70,347,065	10,603,916	38,826,924	20,916,224	-	-	70,347,065
<b>Subtotal: Conveyance &amp; Aqueduct</b>	<b>633,600,803</b>	18,123,596	335,947,976	34,862,148	244,667,084	-	<b>633,600,803</b>
<b>Storage</b>							
Storage Costs Other Than Power							
Emergency	57,520,426	-	7,281,301	50,239,125	-	-	57,520,426
Drought	60,064,156	-	60,064,156	-	-	-	60,064,156
Regulatory	27,076,513	8,717,648	13,050,244	5,308,621	-	-	27,076,513
Storage Power	(520,112)	-	-	-	(520,112)	-	(520,112)
<b>Subtotal: Storage</b>	<b>144,140,983</b>	8,717,648	80,395,701	55,547,746	(520,112)	-	<b>144,140,983</b>
<b>Treatment</b>							
Jensen	50,892,020	7,054,990	29,863,090	7,865,212	6,108,729	-	50,892,020
Weymouth	56,434,380	7,810,122	31,856,836	8,707,048	8,060,373	-	56,434,380
Diemer	62,155,997	9,281,291	33,146,720	10,348,047	9,379,939	-	62,155,997
Mills	30,030,499	2,349,362	21,844,100	2,616,834	3,220,202	-	30,030,499
Skinner	49,318,838	7,183,714	28,500,396	8,009,165	5,625,563	-	49,318,838
<b>Subtotal: Treatment</b>	<b>248,831,734</b>	33,679,478	145,211,143	37,546,306	32,394,807	-	<b>248,831,734</b>
<b>Distribution</b>	<b>201,057,482</b>	30,357,584	152,213,618	18,486,280	-	-	<b>201,057,482</b>
<b>Demand Management</b>	<b>63,651,846</b>	-	63,651,846	-	-	-	<b>63,651,846</b>
<b>Hydro-Electric</b>	<b>(1,709,972)</b>	-	-	-	-	(1,709,972)	<b>(1,709,972)</b>
<b>Total Costs Allocated</b>	<b>\$ 1,490,800,566</b>	<b>\$ 90,878,306</b>	<b>\$ 978,647,972</b>	<b>\$ 146,442,481</b>	<b>\$ 276,541,778</b>	<b>\$ (1,709,972)</b>	<b>\$ 1,490,800,566</b>
<b>A&amp;G Costs to be Functionalized</b>		\$ 6,404,122	\$ 182,041,717	\$ 10,486,674.678	\$ 15,563,713	\$ 2,442,365	\$ 216,938,590

**Percentages Used for Functionalization of A&G Costs**

Allocation Categories				
Demand	Fixed		Variable Commodity	Hydro-Electric
	Commodity	Standby		
0.0%	4.3%	0.0%	0.0%	0.0%
0.0%	12.3%	0.0%	0.0%	0.0%
0.0%	4.0%	0.0%	0.0%	0.0%
0.0%	20.6%	0.0%	0.0%	0.0%
0.0%	1.5%	0.0%	17.1%	0.0%
2.8%	6.1%	3.2%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	71.4%	0.0%
5.5%	22.7%	6.3%	0.0%	0.0%
11.7%	4.0%	14.3%	0.0%	0.0%
19.9%	34.3%	23.8%	88.5%	0.0%
0.0%	0.7%	34.3%	0.0%	0.0%
0.0%	6.1%	0.0%	0.0%	0.0%
9.6%	1.3%	3.6%	0.0%	0.0%
0.0%	0.0%	0.0%	-0.2%	0.0%
9.6%	8.2%	37.9%	-0.2%	0.0%
7.8%	3.1%	5.4%	2.2%	0.0%
8.6%	3.3%	5.9%	2.9%	0.0%
10.2%	3.4%	7.1%	3.4%	0.0%
2.6%	2.2%	1.8%	1.2%	0.0%
7.9%	2.9%	5.5%	2.0%	0.0%
37.1%	14.8%	25.6%	11.7%	0.0%
33.4%	15.6%	12.6%	0.0%	0.0%
0.0%	6.5%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%

**Administrative and General Costs Redistributed Among Functional Categories**

Administrative and General Costs by Allocation Categories						Total A&G Costs Allocated	Functional Categories
Demand	Fixed		Standby	Variable Commodity	Hydro-Electric		
	Commodity	Commodity					
\$ -	\$ 7,795,160	\$ -	\$ -	\$ -	\$ -	\$ 7,795,160	<b>Source of Supply</b>
-	22,368,358	-	-	-	-	22,368,358	CRA
-	7,267,545	-	-	-	-	7,267,545	SWP
-	-	-	-	-	-	-	Other Supply
-	37,431,063	-	-	-	-	37,431,063	Subtotal: Source of Supply
-	2,801,274	-	-	2,659,091	-	5,460,365	<b>Conveyance &amp; Aqueduct</b>
180,296	11,077,529	339,787	-	-	-	11,597,612	CRA
-	-	-	-	-	-	-	SWP
-	-	-	-	11,110,720	-	11,110,720	Other Conveyance & Aqueduct
349,609	41,389,719	658,874	-	-	-	42,398,202	Subtotal: Conveyance & Aqueduct
747,250	7,222,331	1,497,801	-	-	-	9,467,382	
1,277,155	62,490,853	2,496,461	13,769,812	-	-	80,034,281	
-	1,354,420	3,597,599	-	-	-	4,952,019	<b>Storage</b>
-	11,172,743	-	-	-	-	11,172,743	Storage Costs Other Than Power
614,326	2,427,521	380,148	-	-	-	3,421,995	
-	-	-	-	(29,272)	-	(29,272)	Storage Power
614,326	14,954,684	3,977,747	(29,272)	-	-	19,517,485	Subtotal: Storage
497,159	5,554,937	563,224	343,798	-	-	6,959,119	<b>Treatment</b>
550,373	5,925,801	623,507	453,636	-	-	7,553,318	Jensen
654,045	6,165,737	741,019	527,901	-	-	8,088,702	Weymouth
165,558	4,063,297	187,390	181,232	-	-	4,597,477	Diemer
506,231	5,301,458	573,532	316,605	-	-	6,697,826	Mills
2,373,366	27,011,230	2,688,673	1,823,173	-	-	33,896,442	Skinner
2,139,275	28,313,785	1,323,794	-	-	-	31,776,853	Subtotal: Treatment
-	11,840,102	-	-	-	-	11,840,102	<b>Distribution</b>
-	-	-	-	2,442,365	-	2,442,365	<b>Demand Management</b>
-	-	-	-	-	-	-	<b>Hydro-Electric</b>
\$ 6,404,122	\$ 182,041,717	\$ 10,486,675	\$ 15,563,713	\$ 2,442,365	\$ -	\$ 216,938,590	Total Costs Allocated

**Summary of Functionalization Percentages**  
Fiscal Year Ending 2022

	Source of Supply	Conveyance & Aqueduct	Storage	Water Quality	Treatment	Distribution	Demand Management	Hydro-Electric	Administrative & General	Total Allocated
Departmental Operations & Maintenance										
Office of General Manager	5%	11%	2%	0%	19%	15%	2%	1%	46%	100%
Water Systems Operations	6%	18%	1%	0%	42%	32%	0%	2%	1%	100%
Water Resources Management	66%	0%	0%	0%	0%	5%	29%	0%	0%	100%
Engineering Services	4%	22%	24%	0%	25%	19%	0%	1%	6%	100%
Bay Delta Initiatives	0%	100%	0%	0%	0%	0%	0%	0%	0%	100%
Business Technology	4%	8%	2%	0%	14%	11%	1%	1%	61%	100%
Real Property	7%	37%	8%	0%	0%	10%	0%	0%	37%	100%
Human Resources	7%	15%	3%	0%	25%	20%	2%	1%	27%	100%
Office of the Chief Financial Officer	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%
External Affairs	0%	0%	0%	0%	0%	0%	11%	0%	89%	100%
General Counsel	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%
General Auditor	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%
Ethics Office	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%
Total Departmental O&M	7%	15%	3%	0%	25%	20%	2%	1%	27%	100%
General District Requirements										
State Water Contract*	23%	77%	0%	0%	0%	0%	0%	0%	0%	100%
Colorado River Aqueduct Power Costs	0%	100%	0%	0%	0%	0%	0%	0%	0%	100%
Supply Programs	56%	0%	44%	0%	0%	0%	0%	0%	0%	100%
Demand Management	0%	0%	0%	0%	0%	0%	100%	0%	0%	100%
Capital Financing	4%	21%	23%	0%	25%	20%	0%	1%	6%	100%
Regional Recycled Water Program planning costs	38%	0%	0%	0%	0%	62%	0%	0%	0%	100%
Other Operating Costs	7%	15%	3%	0%	25%	20%	2%	1%	27%	100%
Increase/(Decrease) in Required Reserves	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%
Total General District Requirements	16%	48%	10%	0%	8%	7%	4%	0%	7%	100%
Revenue Offsets	24%	53%	1%	0%	2%	4%	0%	6%	9%	100%
<b>Net Revenue Requirements</b>	<b>12%</b>	<b>37%</b>	<b>8%</b>	<b>0%</b>	<b>15%</b>	<b>12%</b>	<b>4%</b>	<b>0%</b>	<b>13%</b>	<b>100%</b>

\* Includes Delta Conveyance planning costs

**Cost Allocation Summary (by budget line item)**

Fiscal Year Ending 2022

	Allocation Categories						Total Allocated
	Fixed			Variable Commodity	Other	Hydro-Electric	
	Demand	Commodity	Standby				
Departmental Operations & Maintenance							
Office of General Manager	\$ -	\$ 5,858,236	\$ -	\$ -	\$ -	\$ 80,586	\$ 5,938,822
Water Systems Operations	-	322,828,588	-	32,394,807	-	6,157,818	361,381,213
Water Resources Management	-	32,936,187	-	-	-	-	32,936,187
Engineering Services	-	59,042,984	-	-	-	658,425	59,701,409
Bay Delta Initiatives	-	12,001,487	-	-	-	-	12,001,487
Business Technology	-	44,805,894	-	-	-	616,350	45,422,244
Real Property	-	14,828,218	-	-	-	-	14,828,218
Human Resources	-	14,408,823	-	-	-	198,208	14,607,030
Office of the Chief Financial Officer	-	-	-	-	-	-	-
External Affairs	-	3,881,063	-	-	-	-	3,881,063
General Counsel	-	-	-	-	-	-	-
General Auditor	-	-	-	-	-	-	-
Ethics Office	-	-	-	-	-	-	-
Total Departmental O&M <i>(including Administrative and General)</i>	-	510,591,480	-	32,394,807	-	7,711,387	550,697,673
General District Requirements							
State Water Contract*	22,808,594	421,677,345	42,300,597	214,110,367	-	-	700,896,902
Colorado River Aqueduct Power Costs	-	-	-	61,598,091	-	-	61,598,091
Supply Programs	-	65,454,198	-	-	-	-	65,454,198
Demand Management	-	56,149,678	-	-	-	-	56,149,678
Capital Financing	96,010,470	193,445,610	152,064,063	-	-	4,825,381	446,345,524
Regional Recycled Water Program planning costs	-	16,045,304	-	-	-	-	16,045,304
Other Operating Costs	-	10,756,246	200,177	-	-	150,717	11,107,140
Increase/(Decrease) in Required Reserves	-	-	-	-	-	-	-
Total General District Requirements <i>(including Administrative and General)</i>	118,819,065	763,528,380	194,564,837	275,708,458	-	4,976,098	1,357,596,837
Revenue Offsets	(21,536,637)	(113,430,171)	(37,635,681)	(15,997,774)	-	(11,955,092)	(200,555,354)
<b>Net Revenue Requirements</b>	<b>\$ 97,282,427.61</b>	<b>\$ 1,160,689,689.31</b>	<b>\$ 156,929,155.76</b>	<b>\$ 292,105,490.66</b>	<b>\$ -</b>	<b>\$ 732,393.07</b>	<b>\$ 1,707,739,156.41</b>

\* Includes Delta Conveyance planning costs

Revenue Requirement by sub-function and budget line item  
Fiscal Year Ending 2022

Fiscal Year Ending 2022	Supply			Conveyance & Aqueduct					Storage				Treatment	Distribution	Demand Mgt.	Hydro	Total
	CRA	SWC	Other	CRA power	CRA other	SWC power	SWC other	Other C&A	Emergency	Drought	Regulatory	Power					
<b>Dept. Operations &amp; Maintenance</b>	8,917,284	15,782,391	14,033,243	5,928,483	51,131,191	-	19,091,761	7,311,015	7,281,301	5,149,824	3,818,630	-	139,304,583	109,307,443	11,475,232	5,482,211	404,014,592
<b>General District Requirements</b>																	
State Water Contract*	-	-	-	-	-	(13,053,358)	120,097,195	-	-	-	-	-	-	-	-	-	166,778,256
Capital	-	59,734,418	-	-	-	-	-	-	-	-	-	-	-	-	-	-	487,606,922
O&M	-	92,381,352	-	-	-	212,364,687	182,860,883	-	-	-	-	-	-	-	-	-	57,585,160
Colorado River Aqueduct Power	-	-	-	57,585,160	-	-	-	-	-	-	-	-	-	-	-	-	61,190,053
Supply Programs	33,161,566	-	1,250,000	-	-	-	-	-	-	26,778,487	-	-	-	-	-	-	52,491,694
Demand Management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52,491,694	-	61,190,053
Capital Financing Program	-	-	18,174,215	8,978,669	15,051,199	-	6,284,905	63,522,318	50,603,233	28,579,112	23,419,227	-	110,409,432	87,734,115	-	4,511,022	417,267,448
Regional Recycling Water Project	-	-	5,626,290	-	-	-	-	-	-	-	-	-	-	9,373,710	-	-	15,000,000
Other Operating Costs	229,182	405,622	360,667	152,367	1,314,118	-	490,676	187,900	187,136	132,355	98,142	-	3,580,255	2,809,301	294,924	140,898	10,383,543
<b>Revenue Offsets</b>	(401,608)	(48,052,508)	(374,425)	(10,337,448)	(640,709)	(1,891,959)	(92,154,085)	(674,167)	(551,244)	(575,622)	(259,486)	(520,112)	(4,462,535)	(8,167,088)	(610,004)	(11,844,103)	(181,517,102)
Admin. & General	7,795,160	22,368,358	7,267,545	5,460,365	11,597,612	11,110,720	42,398,202	9,467,382	4,952,019	11,172,743	3,421,995	(29,272)	33,896,442	31,776,853	11,840,102	2,442,365	216,938,590
<b>Net Revenue Requirement</b>	<b>49,701,584</b>	<b>142,619,634</b>	<b>46,337,534</b>	<b>67,767,597</b>	<b>78,453,411</b>	<b>208,530,092</b>	<b>279,069,537</b>	<b>79,814,447</b>	<b>62,472,446</b>	<b>71,236,899</b>	<b>30,498,508</b>	<b>(549,384)</b>	<b>282,728,176</b>	<b>232,834,335</b>	<b>75,491,948</b>	<b>732,393</b>	<b>1,707,739,156</b>

\* Includes Delta Conveyance planning costs

Fiscal Year Ending 2022	Supply			Conveyance & Aqueduct					Storage				Treatment	Distribution	Demand Mgt.	Hydro	Total
	CRA	SWC	Other	CRA power	CRA other	SWC power	SWC other	Other C&A	Emergency	Drought	Regulatory	Power					
<b>Fixed Demand</b>																	
<b>engineering factors</b>	-	-	-	0.0%	17.8%	0.0%	17.8%	17.8%	0.0%	0.0%	37.2%	0.0%	31.2%	37.2%	-	-	-
SWC Capital	-	-	-	-	-	-	21,322,682	-	-	-	-	-	-	-	-	-	21,322,682
Capital Financing	-	-	-	-	2,672,268	-	1,115,855	11,278,084	-	-	8,717,648	-	34,429,245	32,658,430	-	-	90,871,530
Regional Recycling Water Project	-	-	-	-	-	-	-	-	-	-	-	-	-	3,489,300	-	-	3,489,300
A&G less Offsets	-	-	-	-	66,542	-	(17,127,762)	73,082	-	-	614,326	-	1,623,599	(3,650,872)	-	-	(18,401,085)
Total fixed demand	-	-	-	-	2,738,810	-	5,310,775	11,351,166	-	-	9,331,974	-	36,052,844	32,496,858	-	-	97,282,428
<b>Fixed Commodity</b>																	
<b>engineering factors</b>	100%	100%	100%	100%	49.3%	0%	49.3%	49.3%	0%	100%	40.1%	0%	32.1%	40.1%	-	-	-
Capital Financing	-	-	18,174,215	8,978,669	7,422,968	-	3,099,597	31,328,010	-	28,579,112	9,392,958	-	35,494,067	35,188,303	-	-	177,657,898
Regional Recycling Water Project	-	-	5,626,290	-	-	-	-	-	-	-	-	-	-	3,759,597	-	-	9,385,887
SWC Capital	-	59,734,418	-	-	-	-	59,229,673	-	-	-	-	-	-	-	-	-	118,964,092
SWC O&M	-	92,381,352	-	-	-	-	182,860,883	-	-	-	-	-	-	-	-	-	275,242,235
Dept. O&M	8,917,284	15,782,391	14,033,243	5,928,483	51,131,191	-	19,091,761	7,311,015	7,281,301	5,149,824	3,818,630	-	104,485,845	109,307,443	11,475,232	-	363,713,642
Supply Programs	33,161,566	-	1,250,000	-	-	-	-	-	-	26,778,487	-	-	-	-	-	-	61,190,053
Demand Management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52,491,694	-	52,491,694
Other Operating Costs	229,182	405,622	360,667	152,367	1,314,118	-	490,676	187,900	187,136	132,355	98,142	-	3,580,255	2,809,301	294,924	-	10,242,645
A&G less Offsets	7,393,552	(25,684,149)	6,893,120	2,801,274	10,761,543	-	(873,631)	7,222,331	1,167,284	10,597,121	2,168,035	-	28,662,206	29,462,758	11,230,098	-	91,801,542
Total fixed commodity	49,701,584	142,619,634	46,337,534	17,860,793	70,629,820	-	263,898,959	46,049,256	8,635,721	71,236,899	15,477,765	-	172,222,373	180,527,403	75,491,948	-	1,160,689,689
<b>Fixed Standby</b>																	
<b>engineering factors</b>	-	-	-	0%	33%	0%	32.9%	32.9%	100%	0%	22.7%	0%	36.7%	22.7%	-	-	-
SWC Capital	-	-	-	-	-	-	39,544,839	-	-	-	-	-	-	-	-	-	39,544,839
Capital Financing	-	-	-	-	4,955,963	-	2,069,454	20,916,224	50,603,233	-	5,308,621	-	40,486,120	19,887,383	-	-	144,226,997
Regional Recycling Water Project	-	-	-	-	-	-	-	-	-	-	-	-	-	2,124,813	-	-	2,124,813
A&G less Offsets	-	-	-	-	128,818	-	(31,754,489)	1,497,801	3,233,491	-	380,148	-	(251,141)	(2,202,122)	-	-	(28,967,494)
Total fixed standby	-	-	-	-	5,084,781	-	9,859,804	22,414,025	53,836,725	-	5,688,768	-	40,234,979	19,810,074	-	-	156,929,156
<b>Variable Commodity</b>																	
<b>SWC Power</b>	-	-	-	-	-	199,311,329	-	-	-	-	-	-	-	-	-	-	199,311,329
CRA Power	-	-	-	57,585,160	-	-	-	-	-	-	-	-	-	-	-	-	57,585,160
Variable Treatment	-	-	-	-	-	-	-	-	-	-	-	-	34,818,738	-	-	-	34,818,738
A&G less Offsets	-	-	-	(7,678,356)	-	9,218,763	-	-	-	-	-	(549,384)	(600,759)	-	-	-	390,264
Total variable commodity	-	-	-	49,906,803	-	208,530,092	-	-	-	-	-	(549,384)	34,217,980	-	-	-	292,105,491
<b>Hydroelectric</b>																	
<b>A&amp;G less Offsets</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10,134,132	10,134,132
Total hydroelectric	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(9,401,739)	(9,401,739)
<b>Total Costs</b>	<b>49,701,584</b>	<b>142,619,634</b>	<b>46,337,534</b>	<b>67,767,597</b>	<b>78,453,411</b>	<b>208,530,092</b>	<b>279,069,537</b>	<b>79,814,447</b>	<b>62,472,446</b>	<b>71,236,899</b>	<b>30,498,508</b>	<b>(549,384)</b>	<b>282,728,176</b>	<b>232,834,335</b>	<b>75,491,948</b>	<b>732,393</b>	<b>1,707,739,156</b>