

**THE METROPOLITAN WATER  
DISTRICT OF SOUTHERN CALIFORNIA**

**RESOLUTION 9303**

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**RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE METROPOLITAN WATER DISTRICT OF  
SOUTHERN CALIFORNIA  
FIXING AND ADOPTING  
A READINESS-TO-SERVE CHARGE EFFECTIVE JANUARY 1, 2023**

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The Board of Directors of The Metropolitan Water District of Southern California (the “Board”) hereby finds that:

1. Pursuant to Resolution 8774, the Board of The Metropolitan Water District of Southern California (“Metropolitan”) approved a rate structure proposal at its meeting on October 16, 2001, described in Board Letter 9-6, including a Readiness-To-Serve (“RTS”) Charge; and
2. Providing firm revenue sources is a goal of such rate structure; and
3. The amount of revenue to be raised by the RTS Charge shall be as determined by the Board and allocation of the RTS Charge among member public agencies (“member agencies”) shall be in accordance with the method established by the Board; and
4. The RTS Charge is a charge fixed and adopted by Metropolitan and charged to its member agencies, and is not a fee or charge imposed upon real property or upon persons as an incident of property ownership; and
5. Metropolitan has legal authority to fix and adopt such RTS Charge as a water rate pursuant to Sections 133 and 134 of the Metropolitan Water District Act (the “Act”), and to fix it as an availability of service charge pursuant to Section 134.5 of the Act; and
6. Under authority of Sections 133 and 134 of the Act, the Board has the authority to fix the rate or rates for water as will result in revenue which, together with other revenues, will pay Metropolitan’s operating expenses and provide for payment of other costs, including payment of the interest and principal of Metropolitan’s non-tax funded bonded debt; and
7. The RTS Charge recovers the capital expenditures for infrastructure projects needed to provide emergency storage capacity and available capacity needed to maintain reliable deliveries during outages and service interruptions and during periods of hydrologic variability; and
8. Pursuant to Resolution 8329, adopted by the Board on July 9, 1991, Resolution 9199, adopted by the Board on March 8, 2016, and Resolution 9201, adopted by the Board on March 8, 2016, and as each is thereafter amended and supplemented, proceeds of the RTS Charge and other revenues from the sale or availability of water are pledged to the payment of Metropolitan’s outstanding revenue bonds, subordinate

revenue bonds, short-term certificates and to the payment of revenue bonds, subordinate revenue bonds and short-term certificates to be issued pursuant to Resolution 8329, Resolution 9199, and Resolution 9201; and

9. Under authority of Section 134.5 of the Act, an RTS Charge levied as an availability of service charge may be collected from the member agencies within Metropolitan, or may continue to be collected as a standby charge against individual parcels within Metropolitan's service area; and

10. Certain member agencies of Metropolitan have opted in prior fiscal years to provide collection of all or a portion of their RTS Charge obligation through a Metropolitan water standby charge ("Standby Charge") levied on parcels within those member agencies; and

11. Under authority of Section 134.5 of the Act, the Standby Charge may continue to be levied on each acre of land or each parcel of land less than an acre within Metropolitan to which water is made available for any purpose by Metropolitan, whether the water is actually used or not; and

12. Metropolitan is willing to comply with the requests of member agencies opting to have Metropolitan continue to levy the Standby Charge within their respective territories, on the terms and subject to the conditions contained herein; and

13. On April 12, 2022, the Board considered the rates and charges presented by the General Manager, approved the biennial budget for fiscal years 2022/23 and 2023/24, adopted recommended water rates for calendar years 2023 and 2024 and charges for calendar year 2023, and received information and documents that have been made available at <https://www.mwdh2o.com/who-we-are/budget-finance/>; and

14. In approving the Proposed Biennial Budget and adopting the rates and charges on April 12, 2022, the Board determined the amount of revenue to be raised by the RTS Charge in calendar year 2023 to be \$154,000,000, based on information and documents available at <https://www.mwdh2o.com/who-we-are/budget-finance/>; and

15. Written notice of intention of Metropolitan's Board to consider and take action at its regular meeting of April 12, 2022, to adopt Metropolitan's RTS Charge for calendar year 2023 was given to each of Metropolitan's member agencies; and

16. The RTS Charge for calendar year 2023 applicable to each member agency is reflected in the Engineer's Report dated April 2022 and its method of its calculation and the specific data used in its determination are as specified in the cost of service report; and

17. Each of the meetings of the Board were conducted in accordance with the Brown Act (commencing at Section 54950 of the Government Code), for which due notice was provided and at which quorums were present and acting throughout;

NOW, THEREFORE, the Board does hereby resolve, determine and order as follows:

**Section 1.** That the Board hereby fixes and adopts an RTS Charge for the period from January 1, 2023 through December 31, 2023.

**Section 2.** That said RTS Charge shall be in an amount sufficient to provide for payment of debt service not paid from *ad valorem* property taxes, and other appropriately allocated costs, for capital expenditures for infrastructure projects needed to provide emergency storage capacity and available capacity needed to maintain reliable deliveries during outages and service interruptions and during periods of hydrologic variability.

**Section 3.** That such RTS Charge for January 1, 2023 through and including December 31, 2023 shall be in the amounts specified in Section 4, which shall be determined on a historic basis for each acre-foot of water, excluding water sales of reclaimed water under the Local Projects Program and Local Resources Program, groundwater under the Groundwater Recovery Program and Local Resources Program, groundwater under the Groundwater Recovery Program, and deliveries under Replenishment and Interim Agricultural Water, included in Metropolitan's average water deliveries to its member agencies for the applicable ten-year period identified in Section 4. The aggregate RTS Charge for the period from January 1, 2023 through and including December 31, 2023 shall also be as specified in Section 4.

**Section 4.** That the RTS Charge for January 1, 2023 through and including December 31, 2023 shall be allocated among the member agencies in proportion to the average of applicable deliveries through Metropolitan's system (in acre-feet) to each member agency during the ten-year period ending June 30, 2021. The allocation of the RTS Charge among member agencies is based on deliveries data recorded by Metropolitan and shall be conclusive in the absence of manifest error, but may be corrected by Metropolitan to reflect any errors discovered by Metropolitan.

The amount of the RTS Charge to be charged to each member agency effective January 1, 2023, is as set forth in Schedule 1, which is based on deliveries data prepared by Metropolitan and may be corrected as agreed to by the impacted member agencies:

**Schedule 1**

<b>Calendar Year 2023 RTS Charge</b>			
<b>Member Agency</b>	<b>Rolling Ten-Year Average Firm Deliveries (Acre-Feet) FY2011/12 - FY2020/21</b>	<b>RTS Share</b>	<b>12 months @ \$154 million per year (1/23-12/23)</b>
Anaheim	19,376.9	1.37%	\$ 2,103,235
Beverly Hills	10,308.7	0.73%	1,118,941
Burbank	13,354.6	0.94%	1,449,554
Calleguas MWD	96,573.4	6.81%	10,482,406
Central Basin MWD	34,311.0	2.42%	3,724,233
Compton	340.2	0.02%	36,926
Eastern MWD	97,570.2	6.88%	10,590,602
Foothill MWD	8,306.1	0.59%	901,572
Fullerton	7,280.1	0.51%	790,207
Glendale	16,256.7	1.15%	1,764,558
Inland Empire Utilities Agency	55,761.7	3.93%	6,052,565
Las Virgenes MWD	20,715.7	1.46%	2,248,553
Long Beach	29,251.8	2.06%	3,175,090
Los Angeles	273,537.0	19.28%	29,690,639
Municipal Water District of Orange County	195,128.0	13.75%	21,179,858
Pasadena	18,954.2	1.34%	2,057,353
San Diego County Water Authority	214,362.4	15.11%	23,267,626
San Fernando	29.7	0.00%	3,224
San Marino	974.0	0.07%	105,721
Santa Ana	9,606.6	0.68%	1,042,733
Santa Monica	4,607.4	0.32%	500,103
Three Valleys MWD	63,736.2	4.49%	6,918,144
Torrance	15,549.0	1.10%	1,687,741
Upper San Gabriel Valley MWD	30,096.0	2.12%	3,266,722
West Basin MWD	113,660.3	8.01%	12,337,076
Western MWD	69,139.3	4.87%	7,504,615
<b>MWD Total</b>	<b>1,418,787.2</b>	<b>100.00%</b>	<b>\$ 154,000,000</b>

Totals may not foot due to rounding

The General Manager shall establish and make available to member public agencies procedures for administration of the RTS Charge, including filing and consideration of applications for reconsideration of their respective RTS Charge. The General Manager shall review any applications for reconsideration submitted in a timely manner. The General Manager shall also establish reasonable procedures for the filing of appeals from his determination.

**Section 5.** That the RTS Charge specified in Schedule 1, together with other revenues from Metropolitan's water rates, other charges, ad valorem property taxes, and other miscellaneous revenue, does not exceed the reasonable and necessary cost of providing Metropolitan's water services for which the rates and charges are made, or of conferring the benefit provided, and is fairly apportioned to each member agency as specified in Section 6 below.

**Section 6.** That water conveyed through Metropolitan's system for the purposes of water transfers, exchanges or other similar arrangements shall be included in the calculation of a member agency's rolling ten-year average firm demands used to allocate the RTS Charge.

**Section 7.** That the RTS Charge and the amount applicable to each member agency, the method of its calculation, and the specific data used in its determination are as specified in the adopted rates and charges to be effective January 1, 2023, which forms the basis of the RTS Charge, and the corresponding 2022 Cost of Service Report. The adopted rates and charges and cost of service reports are on file and available for review by interested parties at Metropolitan's headquarters.

**Section 8.** That except as provided in Section 10 below with respect to any RTS Charge collected by means of the Standby Charge, the RTS Charge shall be due monthly, quarterly or semiannually as agreed upon by Metropolitan and the member agency.

**Section 9.** That such RTS Charge may, at the request of any member agency which elected to utilize the Standby Charge as a mechanism for collecting the RTS Charge obligation in fiscal year 1993/94, be collected by continuing the Standby Charge at rates not to exceed rates levied in fiscal year 1996/97 upon land within Metropolitan's (and such member agency's) service area to which water is made available by Metropolitan for any purpose, whether such water is used or not.

**Section 10.** That the Standby Charge shall be collected on the tax rolls, together with the *ad valorem* property taxes which are levied by Metropolitan for the payment of pre-1978 voter-approved indebtedness. Any amounts so collected shall be applied as a credit against the applicable member agency's RTS Charge obligation. After such member agency's RTS Charge allocation is fully satisfied, any additional collections shall be credited to other outstanding obligations of such member agency to Metropolitan that funds the capital costs or maintenance and operation expenses for Metropolitan's water system, or future RTS Charge obligations of such agency. Notwithstanding the provisions of Sections 8 and 9 above, any member agency requesting to have all or a portion of its RTS Charge obligation collected through Standby Charge levies within its territory as provided herein shall pay any portion not collected through net Standby Charge collections to Metropolitan, as provided in Administrative Code Section 4507.

**Section 11.** That notice is hereby given to the public and to each member agency of The Metropolitan Water District of Southern California of the intention of Metropolitan's Board to consider and take action at its regular meeting to be held May 10, 2022 (or such other date as the Board shall hold its regular meeting in such month), on the General Manager's recommendation to continue the Standby Charge for fiscal year 2022/23 under authority of Section 134.5 of the Act on land within Metropolitan at rates not to exceed rates, per acre of land, or per parcel of land less than an acre, levied in fiscal year 1996/97 upon land within Metropolitan's (and such

member agency's) service area. Such Standby Charge will be continued as a means of collecting the RTS Charge.

**Section 12.** That no failure to collect, and no delay in collecting, any Standby Charge shall excuse or delay payment of any portion of the RTS Charge when due.

**Section 13.** That the RTS Charge is fixed and adopted by Metropolitan as a rate or charge on its member agencies, and is not a fee or charge imposed upon real property or upon persons as incidents of property ownership, and the Standby Charge is collected within the respective territories of electing member agencies as a mechanism for payment of the RTS Charge. In the event that the Standby Charge, or any portion thereof, is determined to be an unauthorized or invalid fee, charge or assessment by a final judgment in any proceeding at law or in equity, which judgment is not subject to appeal, or if the collection of the Standby Charge shall be permanently enjoined and appeals of such injunction have been declined or exhausted, or if Metropolitan shall determine to rescind or revoke the Standby Charge, then no further Standby Charge shall be collected within any member agency and each member agency which has requested continuation of the Standby Charge as a means of collecting its RTS Charge obligation shall pay such RTS Charge obligation in full, as if continuation of such Standby Charge had never been sought.

**Section 14.** That the General Manager and the General Counsel are hereby authorized to do all things necessary and desirable to accomplish the purposes of this Resolution, including, without limitation, the commencement or defense of litigation.

**Section 15.** That if any provision of this Resolution or the application to any member agency, property or person whatsoever is held invalid, that invalidity shall not affect other provisions or applications of this Resolution which can be given effect without the invalid portion or application, and to that end the provisions of this Resolution are severable.

**Section 16.** That the General Manager is hereby authorized and directed to take all necessary action to satisfy relevant statutes requiring notice by mailing or by publication.

**Section 17.** That the Board Executive Secretary is hereby directed to transmit a certified copy of this Resolution to the presiding officer of the governing body of each member agency.

I HEREBY CERTIFY that the foregoing is a full, true and correct copy of a Resolution adopted by the Board of Directors of The Metropolitan Water District of Southern California, at its meeting held on April 12, 2022.

A handwritten signature in black ink, appearing to read "Judy AS do", is written over a horizontal line.

Secretary of the Board of Directors  
of The Metropolitan Water District  
of Southern California

# THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA ENGINEER'S REPORT

## PROGRAM TO SET A READINESS-TO-SERVE CHARGE EFFECTIVE JANUARY 1, 2023, INCLUDING LOCAL OPTION TO CONTINUE COLLECTING A STANDBY CHARGE, DURING FISCAL YEAR 2022/23

April 2022

### BACKGROUND

The Metropolitan Water District of Southern California is a public agency with a primary purpose to provide imported wholesale water service for domestic and municipal uses to its 26 member public agencies. Approximately 19 million people reside within Metropolitan's service area, which covers approximately 5,200 square miles and includes portions of the six counties of Los Angeles, Orange, Riverside, San Bernardino, San Diego and Ventura. Metropolitan historically provided between 40 and 60 percent of the water used within its service area. To supply Southern California with reliable and safe water, Metropolitan imports water from the Colorado River and Northern California to supplement its member agencies' local supplies, and helps its member agencies develop increased water conservation, recycling, storage and other local resource programs.

### REPORT PURPOSES

As part of its role as a regional imported water supplier, Metropolitan builds capital facilities and implements water management programs that ensure the delivery of reliable high-quality water supplies throughout its service area. The purpose of this report is to: (1) identify and describe those facilities and programs that will be financed in part by Metropolitan's Readiness-to-Serve (RTS) Charge, and (2) describe the method and basis for levying Metropolitan's Standby Charge for those agencies electing to continue to collect a portion of their RTS obligation through Metropolitan's Standby Charge in fiscal year 2022/23. **Because the Standby Charge is levied and collected on a fiscal year basis the calculations in this report also are for the fiscal year, even though the RTS Charge is levied on a calendar year basis.** The RTS Charge for calendar year 2022 was adopted by Metropolitan's Board on April 13, 2021 and the RTS Charge for 2023 will be considered by the Board on April 12, 2022. The Board will consider the continuation of the Standby Charge for fiscal year 2022/23 on May 10, 2022.

Metropolitan collects the RTS Charge from its member agencies to recover a portion of the capital costs including debt service on bonds issued to finance capital facilities needed to meet demands on Metropolitan's system for emergency storage and available capacity to meet outages and hydrologic variability. The Standby Charge is collected from parcels of land within Metropolitan's member agencies that have elected to collect all or a portion of their RTS obligation through the Standby Charge, as a method of recovering the costs of special benefits conferred on parcels within their service area. The RTS Charge will partially pay for the facilities and programs described in this report, namely, the amount attributable to the portions providing emergency storage and available capacity to meet outages and hydrologic variability. The Standby Charge, when collected, will be utilized solely for capital payments and debt service on the capital facilities funded by the RTS Charge, as identified in this report.

The budgeted total RTS revenue for fiscal year 2022/23 is \$147.0 million, of which \$44.0 million is estimated to be collected via the Standby Charge. The Standby Charge is collected on property tax bill.

## **METROPOLITAN'S RESPONSE TO FLUCTUATING WATER DEMANDS AND AVAILABILITY OF WATER SOURCES**

Metropolitan's member agencies have widely differing imported water supply needs and the availability of imported water supply from various sources also varies widely. 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 and/or based on a variety of other factors, these agencies rely on Metropolitan to make up any shortfalls in local water supplies. Similar coordination challenges arise in managing water available from Metropolitan's various water supply sources.

To respond to fluctuating demands for water, Metropolitan and its member agencies collectively examined the available local and imported resource options in order to develop a least-cost plan that meets the reliability and quality needs of the region. The product of this intensive effort was an Integrated Resources Plan (IRP) for achieving a reliable and affordable water supply for Southern California. The major objective of the IRP was to develop a comprehensive water resources plan that ensures (1) reliability, (2) affordability, (3) water quality, (4) diversity of supply, and (5) adaptability for the region, while recognizing the environmental, institutional, and political constraints to resource development. As these constraints change over time, the IRP is periodically revisited and updated by Metropolitan and the member agencies to reflect current conditions. To meet the water supply needs of the region, Metropolitan continues to identify and develop additional water supplies to maintain the reliability of the imported water supply and delivery system to its member agencies.

## **CAPITAL FACILITIES — CONVEYANCE AND DISTRIBUTION**

Metropolitan's total water system has been built over time to meet the widely differing needs of its member agencies and the various sources of water available to Metropolitan. To meet those needs, Metropolitan's water delivery system is comprised of three basic conveyance and delivery components that form one integrated water system:

- State Water Project (SWP);
- Colorado River Aqueduct (CRA); and
- Distribution System

The system draws on diverse supply sources, transports water across a large part of the State and distributes water in six counties, where member agencies or their retail sub-agencies serve an estimated 19 million people. The CRA and the California Aqueduct of the SWP 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. The system is an interconnected regional conveyance and distribution system with the ability to deliver supplies from each of the SWP, the CRA, and its storage portfolio throughout its vast and diverse service area to almost every member agency. This flexibility derives from the capital facilities and provides local and system-wide benefits to all member agencies, as the facilities directly contribute to the reliable delivery of water supplies throughout Metropolitan's service area.

As the 2007 Integrated Area Study (IAS) emphasized, regional system flexibility is a key component of overall reliability.<sup>1</sup> Today, system flexibility continues to be essential to the availability of Metropolitan's services.<sup>2</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. Metropolitan 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 serve as large an area as is determined to be reasonable and practical with SWP water; and where a blend of water sources is served, to have the objective to the extent determined to be reasonable and practical, that at least 50 percent of the blend be SWP water. (MWD Act, Sec. 136.)

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 CRA 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 Desert Water Agency/Coachella Valley Water District Advanced Delivery account, in-basin surface storage in Diamond Valley Lake and Lake Mathews, and in-basin groundwater Conjunctive Use Programs. This integrated, regional network also allows Metropolitan to move supplies throughout the system in response to service demands, supply availability and operational needs.

Therefore, each of Metropolitan's integrated conveyance, distribution and storage assets contributes to regional system reliability. It is fair and reasonable for member agencies and all property owners within the service area to share the cost of developing and maintaining these assets because they all benefit from regional system reliability.

#### State Water Project Description and Benefits

One of Metropolitan's two major sources of water is the SWP.<sup>3</sup> 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 consists of a complex system of dams, reservoirs, power plants, pumping plants, canals and aqueducts to deliver water. See Figure 1. 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. In addition to the delivery of SWP water, the SWP is also used to convey transfers of SWP water and non-SWP water. 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.

<sup>1</sup> 2007 Integrated Area Study, Report No. 1317, pg. 2-10.

<sup>2</sup> 2022 Annual Operating Plan, pg. 6-10

<sup>3</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 132-18 dated January 2021 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>.



**Figure 1. Facilities of the State Water Project**



The SWP is managed and operated by the Department of Water Resources (DWR). All water supply-related capital expenditures and operations, maintenance, power and replacement (OMP&R) costs associated with the SWP conservation and transportation facilities are paid for by 29 agencies and districts, known collectively as the State Water Contractors (Contractors). The Contractors are participants in the SWP through long-term contracts for the delivery of SWP water and use of the SWP transportation facilities.

In 1960, Metropolitan signed the first water supply contract (as amended, the State Water Contract) with DWR. In addition to SWP water, Metropolitan also obtains water from water transfers, groundwater banking and exchange programs delivered through the California Aqueduct.

Since 1960, the SWP system has been extended, improved, and refurbished. All such costs are payable by the Contractors. California WaterFix was a comprehensive science-based solution proposed by the state to modernize critical water delivery infrastructure of the SWP. On October 10, 2017, Metropolitan's Board voted to support financing for the California WaterFix project. However, the state terminated the project in April 2019. Consistent with the Governor's Executive Order N-10-19, the state then announced a new single tunnel Delta conveyance project, which was notably included as part of the Governor's 2020 Water Resilience Portfolio. In 2019, DWR initiated planning and environmental review for a single tunnel Delta Conveyance Project (DCP) to protect the future reliability of access to SWP supplies. In December 2020, the Metropolitan Board authorized the General Manager to execute agreements for (a) funding a share of up to 60.2 percent for planning and pre-construction costs for the DCP, and (b) an amendment to the Joint Powers Agreement for the Delta Conveyance Design and Construction Joint Powers Authority. A Delta conveyance project will contribute to the improvement of capital facilities needed to meet demands on Metropolitan's system for emergency storage and available capacity to meet outages and hydrologic variability. Metropolitan's biennial budget for fiscal years 2022/23 and 2023/24 includes Metropolitan's planned contribution of \$99.0 million for DWR's planning costs of a new Delta conveyance project.

All Metropolitan member agencies benefit from the SWP system and its supplies, which can be distributed to all member agencies. Metropolitan's member agencies distribute that water to parcels as retail water providers or as wholesale water providers to retail agencies. In this way, the SWP water that Metropolitan delivers to its member agencies contributes to water available to existing and future end users throughout Metropolitan's service area. The cost of the net capital payments for the SWP less the portion covered by property taxes in fiscal year 2022/23 is \$60.7 million, as shown in Table 1. Real property throughout Metropolitan's service area benefits from the availability of the SWP facilities and its integration into Metropolitan's system and therefore all such costs may be attributed to such parcels. However, Metropolitan's Standby Charge collects only \$44.0 million of the total \$312.9 million system costs, representing 14% of the total system costs.

#### Colorado River Aqueduct Description and Benefits

Metropolitan's other major source of water is 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 five pumping plants, 450 miles of high voltage power lines, one electric substation, four regulating reservoirs, and 242 miles of aqueducts, siphons, canals, conduits and pipelines terminating at Lake Mathews in Riverside County. See Figure 2. Metropolitan owns, operates, and manages the Colorado River Aqueduct. 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.

Metropolitan incurs capital and operations and maintenance expenditures to support the CRA activities. The direct costs of the CRA activities include labor, materials and supplies, as well as 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

### Figure 2. Colorado River Aqueduct

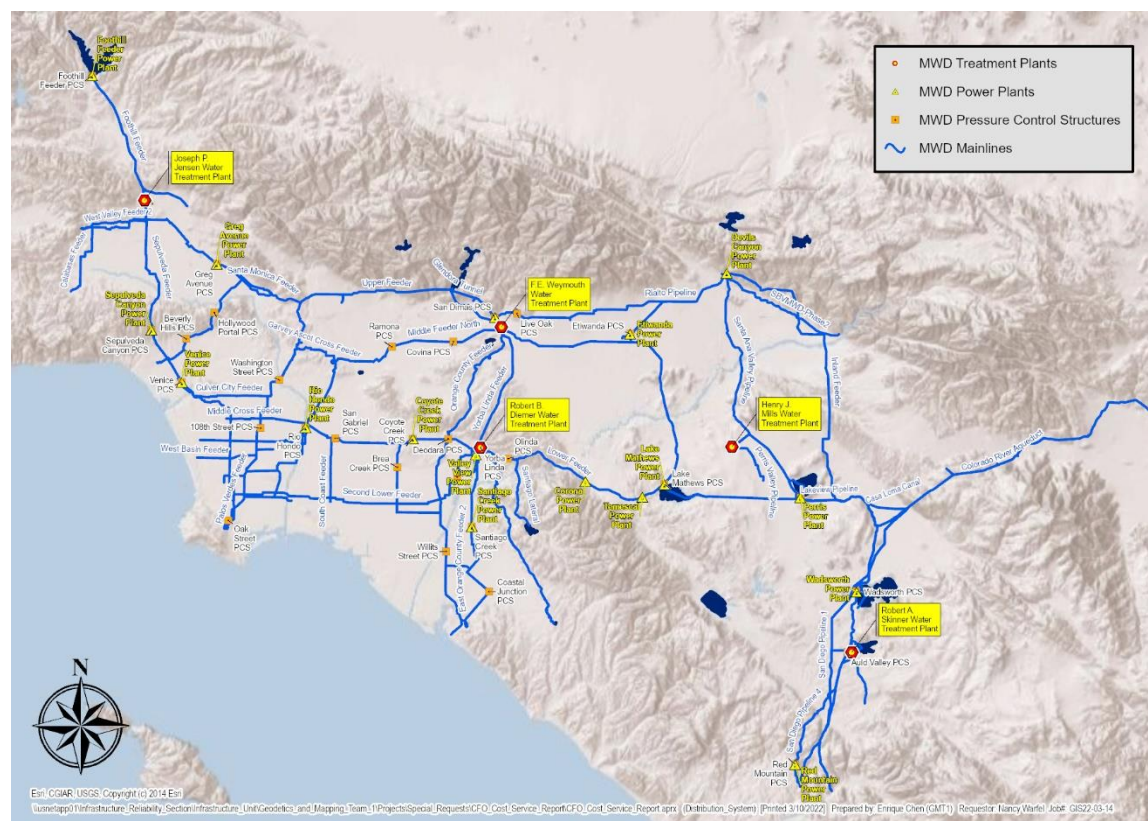


All water transport facilities not specifically identified as part of the regional conveyance system are considered to be distribution facilities (Distribution System). While conveyance and aqueduct system components are regional in nature and generally do not link directly to local agency distribution 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 CRA and SWP 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. Distribution System operations are coordinated from the Operations Control Center in Eagle Rock. The control center plans, schedules, and balances daily water operations in response to member agency demands and the operational limits of the system as a whole. Metropolitan's storage and treatment facilities augment the Distribution System. Metropolitan operates and maintains separate untreated and treated distribution facilities.

**Figure 3. Metropolitan's Distribution and Storage Facilities**



Metropolitan has an ongoing commitment, through physical system improvements and the maintenance and rehabilitation of existing facilities, to maintain the reliable delivery of water throughout the entire service area. System improvement projects include additional conveyance and distribution facilities to maintain the dependable delivery of water supplies, provide alternative system delivery capacity, and enhance system operations. Conveyance and distribution system improvement benefits also include projects to upgrade obsolete facilities or equipment, or to rehabilitate or replace facilities or equipment. These projects are needed to enhance system operations, comply with new regulations, and maintain a reliable distribution system. A list of conveyance and distribution system facilities is provided in Table 3 along with the fiscal year 2022/23 estimated conveyance and distribution system benefits. The capital cost of the Distribution System in fiscal year 2022/23 is \$76.4 million, and is included in the Distribution System line item in Table 1. Real property throughout Metropolitan's service area benefits from the availability of the Distribution System and its integration into Metropolitan's system and therefore all such costs may be attributed to such parcels. However, Metropolitan's Standby Charge collects only \$44.0 million of the total \$312.9 million system costs, representing 14% of the total system costs.

## **CAPITAL FACILITIES – WATER STORAGE**

### **System Storage Benefits**

The Metropolitan system, for purposes of meeting demands during times of shortage, regulating system flows, and ensuring system reliability in the event of a system outage, provides over 1,000,000 acre-feet of system storage capacity. Diamond Valley Lake provides 810,000 acre-feet of that storage capacity, effectively doubling Southern California's previous surface water storage capacity. Other existing imported water storage available to the region consists of Metropolitan's raw water reservoirs, a share of the SWP's raw water reservoirs in and near the service area, and the portion of the groundwater basins used for conjunctive-use storage.

Water stored in system storage during above average supply conditions (surplus) provides a reserve against shortages when supply sources are limited or disrupted. Water storage also preserves Metropolitan's capability to deliver water during scheduled maintenance periods, when conveyance facilities must be removed from service for rehabilitation, repair, or maintenance. The benefits of these capital facilities are both local and system-wide, as the facilities directly contribute to the reliable delivery of water supplies throughout Metropolitan's service area. The capital costs of water storage in fiscal year 2022/23 is \$99.5 and, as shown in Table 1. Real property throughout Metropolitan's service area benefits from the availability of the storage capacity throughout the service area and its integration into Metropolitan's system and therefore all such costs may be attributed to such parcels. However, Metropolitan's Standby Charge collects only \$44.0 million of the total \$312.9 million system costs, representing 14% of the total system costs.

## **METROPOLITAN'S REVENUE**

Metropolitan's major capital facilities are financed largely from the proceeds of revenue bond issues, which are repaid over future years. The principal source of revenue for repayment of these bonds is water sales to its member agencies, which is currently Metropolitan's largest source of revenue. In addition, *ad valorem* property taxes provide an additional limited revenue source, which is used to pay pre-1978 voter-approved indebtedness. However, the use of water rates as a primary source of revenue has placed an increasing burden on member agencies and their ratepayers, which would more equitably continue to be paid in part by assessments on land that in part derives its value from the availability of water through an integrated and reliable water system.

### **Readiness-To-Serve**

In December 1993, Metropolitan's Board approved a revenue structure that included additional charges to establish a commitment to Metropolitan's capital improvement program and provide revenue stability. This revenue structure included the RTS Charge, which in 1995 certain member agencies opted to pay in part pursuant to the collection of a standby charge. In October 2001, the Board adopted the current unbundled rate structure, and maintained the RTS Charge.

As noted above, Metropolitan levies the RTS Charge on its member agencies to recover capital costs, including a portion of the debt service on bonds issued to finance capital facilities needed to meet existing demands on Metropolitan's system for emergency storage and available capacity.

The estimated fiscal year 2022/23 RTS Charge for each member agency is shown in Table 4.

### **Standby Charge Option**

Metropolitan's Standby Charge is authorized by the State Legislature and has been levied by Metropolitan since fiscal year 1992/93. The Standby Charge recognizes that there are economic benefits to lands that have access to

a water supply, whether or not such lands are using it, which excludes lands permanently committed to open space and maintained in their natural state that are not now and will not in the future be supplied water and lands that the General Manager, in his discretion, finds do not now and cannot reasonably be expected to derive a benefit from the projects to which the proceeds of the Standby Charge will be applied. Utilization of the Standby Charge transfers some of the burden of maintaining Metropolitan's capital infrastructure from water rates and *ad valorem* taxes to all the benefiting properties within the service area. A fraction of the value of this benefit and of the cost of providing it can be effectively recovered, in part, through the levying of a standby charge. The projects to be supported in part by the Standby Charge are capital projects that provide both local and Metropolitan-wide benefit to current landowners as well as existing water users.

Although a standby charge could have been set to recover all Conveyance, Distribution, and Storage costs as detailed in Table 1, Metropolitan's continued Standby Charge only collects about 14% of those costs. For fiscal year 2022/23, the amount to be recovered by the RTS Charge is estimated to be \$147.0 million and of that only \$44.0 million is estimated to be recovered by the Standby Charge.

The Standby Charge for each acre or parcel of less than an acre varies from member agency to member agency, as permitted under the legislation establishing Metropolitan's Standby Charge. The water Standby Charge for each member agency is continued at amounts not to exceed the rates in place since fiscal year 1996/97 and is shown in Table 5, which consists of composite rates by member agencies, not to exceed \$15.00. The composite rates consisted in part of a uniform component of \$5 applicable throughout Metropolitan, and in part of a variable component, not exceeding \$10 in any member public agency, reflecting the allocation of historical water deliveries by the member agencies as of fiscal year 1993/94 when the composite rates were initially established. Metropolitan will continue Standby Charges only within the service areas of the member agencies that have requested that the Standby Charge be utilized for purposes of meeting their outstanding RTS obligation. Although rates may not exceed the amounts in place in fiscal year 1996/97, some rates may be lower.

The Standby Charge is proposed to be collected from: (1) parcels on which water standby charges have been levied in fiscal year 1993/94 and annually thereafter and (2) parcels annexed to Metropolitan and to an electing member agency after January 1997. Table 6 lists parcels annexed, or to be annexed, to Metropolitan and to electing member agencies during fiscal year 2020/21, such parcels being subject to the Standby Charge upon annexation.

The estimated costs of Metropolitan's wholesale water system, which could be paid by a Standby Charge, are approximately \$312.9 million for fiscal year 2022/23, as shown in Table 1. An average total Standby Charge of about \$72.26 per acre of land or per parcel of land less than one acre would be necessary to pay for the total potential program benefits. Benefits in this amount will accrue to each acre of property and parcel within Metropolitan's service area, as Metropolitan delivers water to member agencies that contributes to water available to these properties, via that member agency or a retail sub-agency. Because Metropolitan's water deliveries to member agencies contributes to water available only to properties located within Metropolitan's service area boundaries (except for certain contractual deliveries as permitted under Section 131 of the Metropolitan Water District Act), any benefit received by the public at large or by properties outside of the area is merely incidental.

Table 5 shows that the distribution of Standby Charge revenues from the various member agency service areas would provide net revenue flow of approximately \$44.0 million for fiscal year 2022/23. Metropolitan will use other revenue sources, such as water sales revenues, RTS Charge revenues (except to the extent collected through standby charges, as described above), interest income, and revenue from sales of hydroelectric power, to pay for the remaining program costs. Additionally, the actual Standby Charge proposed to be continued ranges from \$2.49 to \$15 per acre of land or per parcel of land less than one acre. Thus, the benefits of Metropolitan's investments in water conveyance, storage, and distribution far exceed the recommended Standby Charge.

## **Equity**

The RTS Charge is a firm revenue source. The revenues to be collected through this charge will not vary with sales in the current year. This charge is levied on Metropolitan's member agencies and is not a fee or charge upon real property or upon persons as an incident of property ownership. It ensures that agencies that only occasionally purchase water from Metropolitan but receive the reliability benefits of Metropolitan's system pay an equitable share of the costs to provide that reliability. Within member agencies that elect to pay the RTS Charge through Metropolitan's standby charges, the Standby Charge results in a lower RTS Charge than would otherwise be necessary due to the amount of revenue collected from lands which benefit from the availability of Metropolitan's water system. With the Standby Charge, these properties are now contributing a more appropriate share of the cost of importing water to Southern California.

Metropolitan's water system increases the availability and reliable delivery of water throughout Metropolitan's service area. A reliable system benefits existing end users and land uses through retail water service provided by Metropolitan member agencies or by water retailers that purchase water from a Metropolitan member agency, and through the replenishment of groundwater basins and reservoir storage as reserves against shortages due to droughts, natural emergencies, or scheduled facility shutdowns for maintenance. The benefits of reliable water resources from the SWP, CRA, Storage, and system improvements accrue to more than 250 cities and communities within Metropolitan's six-county service area. Metropolitan's regional water system is interconnected, so water supplies from the SWP and CRA can be used throughout most of the service area and therefore benefit water users and properties system-wide.

A major advantage of a firm revenue source, such as an RTS charge, is that it contributes to revenue stability during times of drought or low water sales. It affords Metropolitan additional security, when borrowing funds, that a portion of the revenue stream will be unaffected by drought or by rainfall. This security will help maintain Metropolitan's historically high credit rating, which results in lower interest expense to Metropolitan, and therefore, lower overall cost to its member agencies.

## SUMMARY

The foregoing and the attached tables describe the current costs of Metropolitan's system and benefits provided by the projects listed as mainstays to the water system for Metropolitan's service area. Benefits are provided to member agencies, their retail sub-agencies, water users and property owners. The projects represented by this report provide both local benefits as well as benefits throughout the entire service area. It is recommended, for calendar year 2023, that the Metropolitan Board of Directors adopt the RTS Charge as set forth in Table 4 with an option for local agencies to request that a Standby Charge be collected for fiscal year 2022/23 from lands within Metropolitan's service area as a credit against such member agency's RTS Charge, up to the Standby Charge amounts collected by Metropolitan within the applicable member agency for fiscal year 1996/97. The maximum Standby Charge would not exceed \$15 per acre of land or per parcel of less than one acre. The costs of the system described in this Engineer's Report exceeds the recommended Standby Charge by at least \$268 million. A preliminary listing of all parcels subject to the proposed 2022/23 Standby Charge and the amounts proposed to be continued for each is available in the office of the Chief Financial Officer. A final listing is available upon receipt of final information from each county.

Prepared Under the Supervision of:



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Katano Kasaine  
Assistant General Manager/  
Chief Financial Officer





**TABLE 1**

**ESTIMATED COSTS OF  
WATER SYSTEM INFRASTRUCTURE  
BENEFITING REAL PROPERTY WITHIN METROPOLITAN'S SERVICE AREA**

	Estimated Program Costs for FY2022/23	Dollars Per Parcel of 1 Acre or Less
<b>Capital Payments for Water System Infrastructure</b>		
Net Capital Payments to State Water Project (SWP) (less portion paid by property taxes)	\$ 60,722,840	\$14.02
Non Tax Supported Capital Costs for Non-SWP Conveyance System <sup>1</sup>	\$ 76,253,010	\$17.61
Non Tax Supported Capital Costs for Distribution System <sup>2</sup>	\$ 76,379,326	\$17.64
Non Tax Supported Capital Costs for Water Storage <sup>3</sup>	\$ 99,537,336	\$22.99
<b>Total Capital Payments</b>	<b>\$ 312,892,512</b>	<b>\$72.26</b>
<b>Estimated Standby Charge Revenues</b>	\$ 44,002,818	\$10.16
Percent Collected by Standby Charge	14%	
<b>Total Remaining Costs Not Paid by Standby Charge</b>	<b>\$ 268,889,693</b>	<b>\$62.10</b>
<b>Notes:</b>		
[1] Non-SWP Conveyance include the Colorado River Aqueduct and Inland Feeder.		
[2] Distribution facilities include the pipelines, laterals, feeders and canals that distribute water throughout the service area.		
[3] System storage includes Diamond Valley Lake, Lake Mathews, Lake Skinner and several other smaller surface reservoirs which provide storage for operational purposes.		
Totals may not foot due to rounding		

<p><b>TABLE 2</b></p> <p><b>WATER RECYCLING, GROUNDWATER RECOVERY AND CONSERVATION PROJECTS</b></p>	
<b>Project Name</b>	<b>FISCAL YEAR 2022/23 Payment</b>
<b>Water Recycling Projects</b>	<b>\$7,706,314</b>
Alamitos Barrier Reclaimed Water Project	
Anaheim Water Recycling Demonstration Project	
Burbank Recycled Water System Expansion Phase II Project	
CBMWD Recycled Water System Expansion Phase I	
Development of Non-Domestic Water System in Ladera Ranch and Talega Valley	
Direct Reuse Project Phase IIA	
Dry Weather Runoff Reclamation Facility	
Eastern Recycled Water Pipeline Reach 16 Project	
El Toro Phase II Recycled Water Distribution System Expansion Project	
El Toro Recycled Water System Expansion	
Elsinore Valley Recycled Water Program	
EMWD Recycled Water System Expansion Project	
Escondido Regional Reclaimed Water Project	
Glendale Verdugo-Scholl and Brand Park Project	
Griffith Park South Water Recycling Project	
Groundwater Reliability Improvement Program Recycled Water Project	
Hansen Area Water Recycling Phase I Project	
Hansen Dam Golf Course Water Recycling Project	
Harbor Water Recycling Project	
Lake Mission Viejo Advanced Purification WTF	
Leo J. Vander Lans Water Treatment Facility Expansion Project	
Long Beach Reclaimed Water Master Plan Phase I System Expansion	
Los Angeles Taylor Yard Park Water Recycling Project	
Michelson/Los Alisos Water Reclamation Plant Upgrades and Distribution System Expansion Project	
North Atwater Area Water Recycling Project	
North City Water Reclamation Project	
North Hollywood Area Water Recycling Project	
Otay Recycled Water System	
Oxnard Advanced Water Purification Facility Project	

TABLE 2 (Continued)	
WATER RECYCLING, GROUNDWATER RECOVERY AND CONSERVATION PROJECTS	
Project Name	FISCAL YEAR 2022/23 Payment
<b>Water Recycling Projects (continued)</b>	
Padre Dam MWD Reclaimed Water System Phase I	
Rowland Water District Portion of the City of Industry Regional Recycled Water Project	
San Clemente Recycled Water System Expansion Project	
San Elijo Water Reclamation System	
Santa Maria Water Reclamation Project	
Sepulveda Basin Sports Complex Water Recycling Project	
Sepulveda Basin Water Recycling Project - Phase 4	
Terminal Island Recycled Water Expansion Project	
USGVMWD Portion of the City of Industry Regional Recycled Water Project	
Van Nuys Area Water Recycling Project	
Walnut Valley Water District Portion of the City of Industry Regional Recycled Water Project	
West Basin Water Recycling Program Phase V Project	
Westside Area Water Recycling Project	

TABLE 2 (Continued)	
WATER RECYCLING, GROUNDWATER RECOVERY AND CONSERVATION PROJECTS	
Project Name	FISCAL YEAR 2022/23 Payment
<b>Groundwater Recovery Projects</b>	<b>\$11,469,103</b>
Beverly Hills Desalter Project	
Cal Poly Pomona Water Treatment Plant	
Capistrano Beach Desalter Project	
Chino Basin Desalination Program / IEUA	
Chino Basin Desalination Program / Western	
Colored Water Treatment Facility Project	
Irvine Desalter Project	
IRWD Wells 21 & 22 Desalter Project	
Madrona Desalination Facility (Goldsworthy Desalter) Project	
Menifee Basin Desalter Project	
North Pleasant Valley Regional Desalter	
Perris II Brackish Groundwater Desalter	
Pomona Well #37-Harrison Well Groundwater Treatment Project	
Round Mountain Water Treatment Plant	
San Juan Basin Desalter Project	
Temescal Basin Desalting Facility Project	
<b>On-site Retrofit Program</b>	<b>\$3,000,000</b>
<b>Future Supply Actions</b>	<b>\$3,639,900</b>
<b>Conservation Projects</b>	<b>\$25,000,000</b>
Regionwide Residential	
Regionwide Commercial	
Member Agency Administered/MWD Funded	
Water Incentive Savings Program	
Landscape Training Classes	
Landscape Irrigation Surveys	
Pilot programs/Studies	
Inspections	
Landscape Transformation Program (Turf Removal)	
Disadvantaged Communities Program	

Total Demand Management Programs	\$50,815,317
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<div>TABLE 3</div> <div>CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS</div>
<div> <div>Description</div> <div>Storage Facilites</div> <div> ALAMEDA CORRIDOR, PIPELINE RELOCATION, PROTECTION  CAPITAL PROGRAM FOR PROJECTS COSTING LESS THAN \$250,000-LIVE OAK  CAPITAL PROGRAM FOR PROJECTS COSTING LESS THAN \$250,000-MORRIS DAM  CHINO BASIN GROUNDWATER SERVICE CONNECTION CB-15T  CHLORINATION AND PH CONTROL FACILITIES- ORANGE COUNTY &amp; GARVEY (50/50)  CLEARING OF LAKE MATHEWS RESERVOIR AREA  CONVERSION OF DEFORMATION SURVEY MONITORING AT COPPER BASIN  COPPER BASIN AND GENE WASH DAM, INSTALL SEEPAGE ALARM (50/50)  COPPER BASIN RESERVOIR SUPERVISORY CONTROL  COPPER BASIN SEWER SYSTEM  CORONA DEL MAR RESERVOIR- REPLENISHMENT  CORONA DEL MAR RESERVOIR-: CHLORINATION STATION  CRANE - LAKE MATHEWS OUTLET TOWER (ORG CONST)  DAM MONITORING SYSTEM UPGRADES - Lake Mathews  DAM MONITORING SYSTEM UPGRADES - LAKE SKINNER  DAM SEISMIC ASSESSMENT - PHASE 3  DAM SEISMIC UPGRADES - PHASE 3  DIAMOND VALLEY LAKE DAM MONITORING SYSTEM UPGRADE  DIAMOND VALLEY LAKE DAM MONITORING SYSTEM UPGRADES - STAGE 3  DIAMOND VALLEY LAKE DAM MONITORING SYSTEM UPGRADES - STAGES 1 &amp; 2  DIAMOND VALLEY LAKE INLET/OUTLET TOWER FISH SCREEN REPLACEMENT - CONSTRUCTION  DIAMOND VALLEY LAKE MONITORYING SYSTEM UPGRADES  DIAMOND VALLEY LAKE, CAL PLAZA CHARGES  DIAMOND VALLEY LAKE, CONSULTANT COSTS  DIAMOND VALLEY LAKE, DAM DEFORMATION MONITORING  DIAMOND VALLEY LAKE, EAST DAM SUMP PUMP ELECTRICAL STUDY  DIAMOND VALLEY LAKE, GENERAL CONSTRUCTION MGMT, 2000-2001  DIAMOND VALLEY LAKE, INUNDATION MAPS  DIAMOND VALLEY LAKE, UNDERGROUND TANK CLOSURE  DIAMOND VALLEY RECREATION, EAST MARINA  DIAMOND VALLEY RECREATION, FISHERY  DIAMOND VALLEY RECREATION, MUSEUM FOUNDATION REHABILITATION  DIAMOND VALLEY RECREATION, SEARL PARKWAY IMPROVEMENTS, PHASE I  DIAMOND VALLEY TRAILS PROGRAM, TRAILS  DISTRICT DESIGN AND INSPECTION - MORRIS DAM  DISTRICT RESERV. AQUEOUS AMMONIA FEED SYSTEM  DISTRICT RESERVOIR - LONGTERM CHEMICAL FAC CONTAINMENT  DOMESTIC WATER SUPPLY - LAKE MATHEWS (ORG CONST)  DOMESTIC WATER SYSTEM-PALOS VERDES RESERVOIR (INTERIM CONST)  DVL - SEARL PARKWAY EXTENSION - PHASE 2  DVL - SEARL PARKWAY LANDSCAPING  DVL EAST DAM ELECTRICAL UPGRADES  DVL EAST DAM POWER LINE REALIGNMENT  DVL INLET/OUTLET FISH SCREEN REHABILITATION  DVL RECREATION - ALTERNATE ACCESS ROAD  DVL RECREATION, COMMUNITY PARK AND REGIONAL AQUATIC FACILITY  DVL SECURITY ENHANCEMENT  DVL, CONSTRUCTION  DVL, CONSTRUCTION CLAIMS SUPPORT  DVL, CONSTRUCTION MANAGEMENT SERVICE  DVL, CONSTRUCTION SUPERVISION  DVL, CONSTRUCTION, WEST DAM FOUNDATION  DVL, DEDICATION CEREMONY  DVL, DISTURBED  DVL, DOMENIGONI PARK  DVL, EAST DAM  DVL, EAST DAM EMBANKMENT  DVL, EAST DAM FENCING  DVL, EAST DAM INLET OUTLET TOWER CONSTRUCTION  DVL, EAST DAM LANDSCAPE SCREENING  DVL, EAST DAM NORTH RIM REMEDIATION  DVL, EAST DAM P-1 FACILITIES  DVL, EAST DAM SITE COMPLETION  DVL, EAST DAM STATE STREET IMPROVEMENTS  DVL, EAST DAM VERTICAL SLEEVE VALVE  DVL, EAST MARINA, PHASE 2  DVL, EXCAVATION  DVL, FIXED CONE, SPHERE  DVL, GENERAL  DVL, GRADING OF CONT  DVL, INSTALL NEW WATERLINE  DVL, MISC SMALL CONS  DVL, NORTH HIGH WATER ROAD  DVL, P-1 PUMPING FACILITY  DVL, PROCUREMENT  DVL, SCOTT ROAD EXTENSION  DVL, SOUTH HIGH WATER ROAD &amp; QUARRY  DVL, SPILLWAY  DVL, START UP  DVL, VALLEY-WIDE SITE ROUGH GRADING  DVL, WORK PACKAGE  DVL, WORK PACKAGE 1  DVL, WORK PACKAGE 10, INLET OUTLET WORK  DVL, WORK PACKAGE 11, FOREBAY  DVL, WORK PACKAGE 12, TUNNEL  DVL, WORK PACKAGE 13, P-1 PUMP OPERATIONS FACILITY  DVL, WORK PACKAGE 14, PC-1  DVL, WORK PACKAGE 15, SITE CLEARING  DVL, WORK PACKAGE 16, GROUNDWATER MONITORING  DVL, WORK PACKAGE 17, FIELD OFFICE  DVL, WORK PACKAGE 18, TEMPORARY VISITOR CENTER  DVL, WORK PACKAGE 19, PERMANENT VISITOR CENTER  DVL, WORK PACKAGE 2, EASTSIDE PIPELINE  DVL, WORK PACKAGE 20, EAST DAM EXCAVATION, FOUNDATION  DVL, WORK PACKAGE 21, WEST DAM EXCAVATION, FOUNDATION  DVL, WORK PACKAGE 23, WEST RECREATION AREA </div> </div>

<div>TABLE 3</div> <div>CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS</div>
<div>Description</div> <div>Storage Facilites</div> <div> DVL, WORK PACKAGE 24, EAST RECREATION AREA  DVL, WORK PACKAGE 25, EXCAVATION  DVL, WORK PACKAGE 26, ELECTRICAL TRANSMISSION LINES  DVL, WORK PACKAGE 27, MAJOR EQUIPMENT P-1  DVL, WORK PACKAGE 28, MAJOR EQUIPMENT, GATES  DVL, WORK PACKAGE 29, MAJOR EQUIPMENT, PC-1  DVL, WORK PACKAGE 30, INSTRUMENTATION AND CONTROL SYSTEMS  DVL, WORK PACKAGE 31, GEOGRAPHICAL INFO  DVL, WORK PACKAGE 32, PERMIT  DVL, WORK PACKAGE 33, MAJOR EQUIPMENT, VALVES  DVL, WORK PACKAGE 34, EMERGENCY RELEASE  DVL, WORK PACKAGE 35  DVL, WORK PACKAGE 36, TRANSMISSION LINE TO PC-1  DVL, WORK PACKAGE 38, RUNOFF EROSION  DVL, WORK PACKAGE 39, SADDLE DAM FOUNDATION  DVL, WORK PACKAGE 4, NEWPORT ROAD RELOCATION  DVL, WORK PACKAGE 40  DVL, WORK PACKAGE 42, GEOTECHNICAL  DVL, WORK PACKAGE 43, MOBILIZATION  DVL, WORK PACKAGE 44, SITE DEVELOPMENT  DVL, WORK PACKAGE 47, HAZARDOUS MATERIAL  DVL, WORK PACKAGE 48, GENERAL ADMIN  DVL, WORK PACKAGE 49  DVL, WORK PACKAGE 5, SALT CREEK FLOOD CONTROL  DVL, WORK PACKAGE 52, HISTORY ARCHEOLOGY INVENTORY  DVL, WORK PACKAGE 53, PREHISTORIC ARCHEOLOGY  DVL, WORK PACKAGE 54, PLANTS, WILDLIFE  DVL, WORK PACKAGE 55, AIR QUALITY, NOISE  DVL, WORK PACKAGE 6, SURFACE WATER MITIGATION  DVL, WORK PACKAGE 7, DESIGN WEST DAM ACCESS  DVL, WORK PACKAGE 8, DESIGN EAST DAM ACCESS  DVL, WORK PACKAGE 9, SADDLE DAM  DVL, WORKING INVENTORY, 80,000 ACRE FEET (10% OF CAPACITY)  EAST DAM TUNNELS  EAST MARINA BOAT RAMP EXTENSION  ELECTRICAL SERVICE - LAKE MATHEWS (ORG CONST)  ELECTRICAL SYSTEM - LAKE MATHEWS (ORG CONST)  FIRST SAN DIEGO AQUEDUCT - REPLACE PIPELINE SECTION BOTH BARRELS  FLOATING BOAT HOUSE - LAKE MATHEW  FLOOD RELEASE VALVE, MORRIS DAM &amp; WATER SUPPLY SYSTEM,PV RESER.  FOOTBRIDGE - LAKE MATHEWS (ORG CONST)  FOOTHILL FEEDER- LIVE OAK RESERVOIR- CLAIMS  FOOTHILL FEEDER- LIVE OAK RESERVOIR- RESIDENCE  GARVEY RESERVIOR OPERATION &amp; MAINTENANCE CENTER  GARVEY RESERVIOR OPERATION &amp; MAINTENANCE CENTER (RETIREMENT)  GARVEY RESERVOIR - JUNCTION STRUCTURE,REPLACE VALVE # 1  GARVEY RESERVOIR COVER AND LINER REPLACEMENT PROJECT  GARVEY RESERVOIR DRAINAGE &amp; EROSION CONTROL IMPROVEMENTS  GARVEY RESERVOIR- EMERGENCY GENERATOR  GARVEY RESERVOIR- FLOATING COVER  GARVEY RESERVOIR HYPOCHLORITE FEED SYSTEM  GARVEY RESERVOIR- JUNCTION STRUCTURE, REPLACE VALVE #1  GARVEY RESERVOIR- JUNCTION STRUCTURE, REPLACE VALVE #1 - INTEREST  GARVEY RESERVOIR- JUNCTION STRUCTURE, REPLACE VALVES # 4 &amp; 5  GARVEY RESERVOIR- MODIFY DESILTING BASINS  GARVEY RESERVOIR REPAIR  GARVEY RESERVOIR, LOWER ACCESS ROAD, PAVING &amp; DRAINS  GARVEY RESERVOIR, REPLACE VALVE # 4 &amp; 5  GARVEY RESERVOIR, TWO VALVES AT JUNCTION STRUCTURE  GARVEY RESERVOIR: CONT. 565, SPEC.412  GARVEY RESERVOIR: TWO COTTAGES WITH GARAGES  GARVEY RESERVOIR-HYPOCHLORINATION  GARVEY RESERVOIR-HYPOCHLORINE STATION  GARVEY RESERVOIR-INLET AND OUTLET CONDUIT SYSTEM MODIFICATION  GARVEY RESEVOIR-JUNCTION STRUCTURE REPLACE TWO VALVES  GARVEY RSVR REPLACE VENTURI THROAT SECTION  HEADWORKS OF DISTRIBUTION SYSTEM LAKE MATHEWS  HEADWORKS: ADDITIONAL VALVES  HEADWORKS: MOTOR OPERATED SLIDE GATES  HOUSE AND GARAGE AT CORONA DEL MAR RESERVOIR  HOUSE AND GARAGE AT ORANGE COUNTY RESERVOIR  HOUSE AT PALOS VERDES RESERVOIR  HOWELL-BUNGER VALVE OPERATOR, LAKE MATHEWS, 5 VALVES 1939  HOWELL-BUNGER VALVE OPERATOR, LAKE MATHEWS, 5 VALVES 1955  JENSEN FINISHED WATER RESERVOIR NO. 1 COVER REHABILITATION  JENSEN FINISHED WATER RESERVOIR NO. 2 FLOATING COVER IMPROVEMENT  JENSEN FLUORIDE TANK REPLACEMENT  JENSEN FWR # 2 FLOATING COVER REPLACEMENT  JENSEN FWR NO. 2 FLOATING COVER REPLACEMENT  JENSEN, REPAIR COVER OVER RESERVOIR 1  LAKE MATHEWS - REPLACE STANDBY GENERATOR  LAKE MATHEWS - ELECTRICAL SYSTEM IMPROVEMENT </div>

<div>TABLE 3</div> <div>CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS</div>
<div><b>Description</b></div> <div><b>Storage Facilites</b></div> <div>           LAKE MATHEWS ABOVEGROUND STORAGE TANK REPLACEMENT            LAKE MATHEWS BUILDING            LAKE MATHEWS BUILDINGS 8 &amp; 15, RENOVATION OF ASSEMBLY AREA AND ADMIN. BLDG.            LAKE MATHEWS- CARPENTER AND VEHICLE MAINTENANCE BUILDING            LAKE MATHEWS- CHLORINATION FACILITIES            LAKE MATHEWS CHLORINATION FACILITY- REPLACE CHLORINATION EQPMT.            LAKE MATHEWS CNTRL TOWER-REPL. 45 30-INCH GATE/BUTTERFLY VALVES            LAKE MATHEWS CONTROL TOWER - REPLACE 45 10-INCH GATE VALVE            LAKE MATHEWS DAM SAFETY INSTRUMENTATION UPGRADES            LAKE MATHEWS DAM SPILLWAY ASSESSMENT            LAKE MATHEWS DIKE            LAKE MATHEWS DISCHARGE FACILITY UPGRADES            LAKE MATHEWS DIVERSION TUNNEL            LAKE MATHEWS DIVERSION TUNNEL WALKWAY REPAIR            LAKE MATHEWS- DOCK AND BOAT SHELTER            LAKE MATHEWS DOMESTIC FACILITIES            LAKE MATHEWS- DOMESTIC WATER SYSTEM            LAKE MATHEWS ELECTRICAL RELIABILITY            LAKE MATHEWS- ELECTRICAL SYSTEM IMPROVEMENT            LAKE MATHEWS- EMERGENCY GENERATOR            LAKE MATHEWS ENLARGEMENT (SPEC NO. 505)            LAKE MATHEWS FOREBAY LINING AND TOWER REPAIRS            LAKE MATHEWS FOREBAY OUTLET STRCTR-REPL.CONCRETE BLOCK BLDG            LAKE MATHEWS FOREBAY OUTLET, CONCRETE BLDG            LAKE MATHEWS FOREBAY PRESSURE CONTROL STRUCTURE AND BYPASS            LAKE MATHEWS FOREBAY- REPLACE FOOTBRIDGE            LAKE MATHEWS FOREBAY WALKWAY REPAIRS            LAKE MATHEWS FOREBAY, HEADWORK FACILITY AND EQUIPMENT UPGRADE            LAKE MATHEWS HEADWORKS-INSTALL AIR MTRS,3 HOWELL BNGR VALVE OP.            LAKE MATHEWS- HOUSE AND GARAGE            LAKE MATHEWS I/O TOWER EMERGENCY GENERATOR            LAKE MATHEWS- IMPROVE MAIN SUBSTATION            LAKE MATHEWS- IMPROVEMENT OF DOMESTIC WATER &amp; FIRE PROT. SYSTEM            LAKE MATHEWS -LUMBER STORAGE BUILDING            LAKE MATHEWS -LUMBER STORAGE BUILDING - INTEREST            LAKE MATHEWS LUMBER STORAGE ROOF COVER            LAKE MATHEWS MAIN DAM AND SPILLWAY            LAKE MATHEWS MAIN DAM SUB DRAIN SYSTEM            LAKE MATHEWS MAINTENANCE BUILDING            LAKE MATHEWS MAINTN.FACILITIES-REPLACE 75 KVA TRANSFORMER.SERV.            LAKE MATHEWS- MODIFY CHLORINATION            LAKE MATHEWS- MODIFY CHLORINE STORAGE TANK FOUNDATIONS            LAKE MATHEWS- MODIFY ELECTRICAL SERVICE            LAKE MATHEWS MULTIPLE SPECIES RESERVE, MANAGER"S OFFICE AND RESIDENCE            LAKE MATHEWS OFFICE BLDG MODIFICATIONS-AMERICANS W/ DISABILITY            LAKE MATHEWS OFFICE TRAILER MODIFICATIONS-AMERICANS W/ DISABILITY            LAKE MATHEWS -OPERATOR RESIDENCE            LAKE MATHEWS OULET TOWER            LAKE MATHEWS OUTLET FACILITIES            LAKE MATHEWS OUTLET TOWER NO. 2 VALVE REHABILITATION            LAKE MATHEWS OUTLET TOWER- REPLACE CRANES            LAKE MATHEWS OUTLET TOWER-REPLACE GATE VALVES            LAKE MATHEWS OUTLET TOWER-REPLACE GATE VALVES (RETIREMENT)            LAKE MATHEWS OUTLET TUNNEL            LAKE MATHEWS- PREFABRICATED AIRCRAFT HANGER            LAKE MATHEWS- PREFABRICATED AIRCRAFT HANGER - INTEREST            LAKE MATHEWS- PROPANE STORAGE TANK            LAKE MATHEWS- PROPANE STORAGE TANK - INTEREST            LAKE MATHEWS- REPLACE HOWELL-BUNGER VALVE OPERATORS            LAKE MATHEWS- REPLACE VALVES            LAKE MATHEWS RESERVOIR-RELOCATE SOUTHERLY SECURITY FENCE            LAKE MATHEWS RESERVOIR-RELOCATE SOUTHERLY SECURITY FENCE - INTEREST            LAKE MATHEWS- SEEPAGE ALARMS            LAKE MATHEWS- SEEPAGE ALARMS - INTEREST            LAKE MATHEWS SODIUM HYPOCHLORITE TANK REPLACEMENT            LAKE MATHEWS SODIUM HYPOCLORITE INJECTION SYSTEM            LAKE MATHEWS- SPRAY PAINT BOOTH            LAKE MATHEWS WASTEWATER SYSTEM REPLACEMENT            LAKE MATHEWS WATERSHED, DRAINAGE            LAKE MATHEWS WATERSHED, DRAINAGE WATER QUALITY MGMT PLAN (CAJALCO CREEK DAM)            LAKE MATHEWS, HAZEL ROAD            LAKE MATHEWS, REPLACE CHLORINATION EQUIPMENT            LAKE MATHEWS,DIKE #1- INSTALL PIEZOMETERS, STAS.55+00 &amp; 85+50            LAKE MATHEWS: VALVES AND FITTINGS IN HEADWORKS            LAKE MATHEWS-CONST. CONCR.TRAFFIC BARR. WALL TO PROTECT HQ FACIL.            LAKE MATTHEWS FIRE WATER LINE            LAKE PERRIS POLLUTION PREVENTION AND SOURCE WATER PROTECTION (CAPITAL PORTION)            LAKE SKINNER - AERATION SYSTEM            LAKE SKINNER - CHLORINATION SYSTEM OUTLET TOWER BYPASS PPLN            LAKE SKINNER - CHLORINATION SYSTEM OUTLET TOWER BYPASS PPLN - INTEREST            LAKE SKINNER - INSTALL OUTLET CONDUIT FLOWMETER            LAKE SKINNER (AULD VALLEY RESERVOIR)- CLAIMS            LAKE SKINNER AERATOR AIR COMPRESSORS REPLACEMENT            LAKE SKINNER- EQUIPMENT YARD SECURITY            LAKE SKINNER- EQUIPMENT YARD SECURITY - INTEREST            LAKE SKINNER FACILITIES            LAKE SKINNER FACILITIES - EMPLOYEE HOUSING            LAKE SKINNER FACILITIES - FENCING            LAKE SKINNER FACILITIES - LANDSCAPING            LAKE SKINNER FACILITIES - RELOCATE BENTON ROAD            LAKE SKINNER OUTLET CONDUIT REPAIR            LAKE SKINNER OUTLET TOWER SEISMIC ASSESSMENT            LAKE SKINNER- PROPANE STORAGE TANK            LAKE SKINNER- PROPANE STORAGE TANK - INTEREST            LIVE OAK RESERVOIR &amp; RESERVOIR BYPASS SCHEDULE 264A            LIVE OAK RESERVOIR REHABILITATION         </div>



TABLE 3 CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS	
<b>Description</b>	
<b>Storage Facilities</b>	
LIVE OAK RESERVOIR SURFACE REPAIR	
MAINTENANCE FACILITIES, 75KVA TRANSFORMER SERVICE-LAKE MATHEWS (ORG CONST)	
MILLS FINISHED WATER RESERVOIR REHABILITATION	
MINOR CAPITAL PROJECTS FOR FY 1989/90 - LAKE MATHEWS	
MINOR CAPITAL PROJECTS FOR FY 1989/90 - PALOS VERDES RESERVOIR	
MINOR CAPITAL PROJECTS-LAKE SKINNER, INLET CANAL ELECTRIC FISH BARRIER	
MINOR CAPITAL PROJECTS-LIVE OAK RESERVOIR, DESILT BASIN IMPROVEMENTS	
MODIFICATION OF THE LAKE MATHEWS SERVICE WATER SYSTEM	
MORRIS DAM COTTAGE	
MORRIS DAM- ENLARGMT. OF SPILLWAY FACLT.& UPPER FDR.VALVE MODF	
MORRIS DAM ROAD IMPROVEMENT	
MORRIS DAM, SEISMIC STABILITY REANALYSIS	
MORRIS DAM-REPLACE EMERGENGY POWER SYSTEM	
MORRIS RESERVOIR- CAPITAL OBLIGATION PAID	
MORRIS RESERVOIR- INTEREST OBLIGATION PAID	
O.C.RESERVOIR - IMPROVE DOMESTIC SYSTEM	
ORANGE COUNTY RESERVOIR -- JUNCTION STRUCTURE,REPLACE VALVE # 1	
ORANGE COUNTY RESERVOIR (SPEC NO. 341)	
ORANGE COUNTY RESERVOIR CHLORINATION STATION	
ORANGE COUNTY RESERVOIR- EMBANKMENT AND SPILLWAY	
ORANGE COUNTY RESERVOIR- EMERGENCY GENERATOR	
ORANGE COUNTY RESERVOIR- FLOATING COVER	
ORANGE COUNTY RESERVOIR- HOUSE	
ORANGE COUNTY RESERVOIR- MODIFY DOMESTIC WATER SYSTEM	
ORANGE COUNTY RESERVOIR- REPLACE RESIDENCE NO. 95D	
ORANGE COUNTY RESERVOIR-MODIFY ELEC. CONTROL CENTER	
ORANGE COUNTY RESERVOIR-REPLACE CHLORINATION EQUIPMENT	
ORANGE COUNTY RESERVOIR-REPLACE CHLORINATION SYSTEM	
P V RESERVOIR-REPLACE CHLORINATION SYSTEM	
PALOS VERDES CHLORINATION STATION AND COTTAGE	
PALOS VERDES RESERVOIR	
PALOS VERDES RESERVOIR - INLET/OUTLET TOWER	
PALOS VERDES RESERVOIR- BY PASS PIPELINES	
PALOS VERDES RESERVOIR COVER AND LINER REPLACEMENT	
PALOS VERDES RESERVOIR COVER REPLACEMENT	
PALOS VERDES RESERVOIR- FENCING AROUND	
PALOS VERDES RESERVOIR- REPLACE DOMESTIC WATER SYSTEM PIPING	
PALOS VERDES RESERVOIR SODIUM HYPOCHLORITE FEED SYSTEM UPGRADE	
PALOS VERDES RESERVOIR,BYPASS PIPELINE RELIEF STRUCTURE MODIFN.	
PALOS VERDES RESERVOIR,COVERING	
PALOS VERDES RESERVOIR,REPLACE ACCESS AND PERIMETER ROADS	
PALOS VERDES RESERVOIR: INCREASING ELEVATION OF SPILLWAY CREST	
PALOS VERDES RESERVOIR-INSTALL VALVE & CHLORINATION NOZZLE,INL.TWR	
PALOS VERDES RESERVOIR-REPLACE CHLORINATION SYSTEM	
PAMO RESERVOIR- WATER STORAGE FEASIBILITY STUDY	
PAMO RESERVOIR- WATER STORAGE FEASIBILITY STUDY- INTEREST	
PV RESERVOIR GROUNDWATER MANAGEMENT	
PVR FACILITY SEWER CONNECTION	
RECORD DRAWING RESTORATION PROGRAM, CRA	
REPAIRS TO AZUSA CONDUIT	
REPLACEMENT OF A 30 INCH GATE VALVE P.V.R.	
RESIDENCE # 95-D, ORANGE COUNTY RESERVOIR	
RESIDENCE 45-D - CORONA DEL MAR RESERVOIR	
RESIDENCE 80-D - ORANGE COUNTY RESERVOIR	
RESIDENCE 90-D - LAKE MATHEW	
RESIDENCE 91-D - SAN JACINTO RESERVOIR	
RESIDENCE 93-D - SAN JACINTO RESERVOIR	
ROADS AT LAKE MATHEWS ABOVE FLOODLINE	
SAN DIEGO ACQUEDUCT: COTTAGE AT SAN JACINTO RESERVOIR	
SAN JACINTO RESERVOIR - SAN DIEGO AQUEDUCT	
SECOND OUTLET, PALOS VERDES RESERVOIR (SPEC NO. 597)	
SEEPAGE CONTROL AT LAKE MATHEWS	
SKINNER DAM SAFETY INSTRUMENTATION UPGRADES	
SKINNER DAM SPILLWAY ASSESSMENT	
SKINNER FINISHED WATER RESERVOIR SLIDE GATES REHABILITATION	
TEMPORARY EMPLOYEE LABOR SETTLEMENT	
VALVE - GENE RESERVOIR (REPLACED 201)	
VALVE STRUCTURE MODIFICATIONS-UPPER FDR, SAN GABRIEL CROSSING (INTERIM CONST)	
WADSWORTH PUMP PLANT CONDUIT PROTECTION	
WADSWORTH PUMP PLANT, PUMP MOTOR CONVERSION	
WADSWORTH PUMPING PLANT FIRE PROTECTION SYSTEM UPGRADES	
WADSWORTH/DVL CONTROL & PROTECTION SYSTEM UPGRADE - CONSTRUCTION & STARTUP	
WATER QUALITY PROJECT UPSTREAM	
WATER SUPPLY SYSTEM, OPERATING TOWER, LAKE MATHEWS	
WEYMOUTH FINISHED WATER RESERVOIR GATE REPLACEMENT	
<b>Sub-total Storage facilities costs</b>	<b>99,537,336</b>

<div>TABLE 3</div> <div>CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS</div>
<div>Description</div> <div> <div>Conveyance and Aqueduct Facilities</div> <div> 2.4 KV STANDBY DIESEL ENGINE GENERATOR REPLACEMENT - GENE  2.4 KV STANDBY DIESEL ENGINE GENERATOR REPLACEMENT - INTAKE  2.4 KV STANDBY DIESEL ENGINE GENERATOR REPLACEMENT - IRON  ACCESS STRUCTURE, TRANSITION STRUCTURE AND MANHOLE COVER REPLACEMENT  ALL PUMPING PLANTS - 230 KV &amp; 69 KV DISCONNECTS REPLACEMENT  ALL PUMPING PLANTS - BRIDGE CRANES  ALL PUMPING PLANTS - TRANSFORMER BANK BRIDGE  ALLEN MCCOLLOCH PIPELINE - CORROSION INTERFERENCE MITIGATION  ALLEN MCCOLLOCH PIPELINE - RIGHT OF WAY  ALLEN MCCOLLOCH PIPELINE - UPDATE / MODIFY ALL BOYLE ENGINEERING DRAWINGS  AMP VALVE &amp; SERVICE CONNECTION VAULT REPAIR  AQUEDUCT &amp; PUMPING PLANT ISOLATION / ACCESS FIXTURES - STUDY  AQUEDUCT &amp; PUMPING PLANT ISOLATION GATES  ARROWHEAD EAST TUNNEL CONSTRUCTION  ARROWHEAD TDS REDUCTION  ARROWHEAD TUNNELS CLAIMS COST  ARROWHEAD TUNNELS CONNECTOR ROAD  ARROWHEAD TUNNELS CONSTRUCTION  ARROWHEAD TUNNELS ENGINEERING  ARROWHEAD TUNNELS RE-DESIGN  ARROWHEAD WEST TUNNEL CONSTRUCTION  AULD VALLEY CONTROL STRUCTURE AREA FACILITIES UPGRADE STUDY  AUXILIARY POWER SYSTEM REHABILITATION / UPGRADES STUDY  AUXILIARY POWER SYSTEM REHABILITATION/UPGRADES  BACHELOR MOUNTAIN COMMUNICATION SITE ACQUISITION  BACHELOR MOUNTAIN TELECOM SITE IMPROVEMENTS  BANK TRANSFORMERS REPLACEMENT STUDY  BLACK METAL MOUNTAIN - COMMUNICATIONS FACILITY UPGRADE  BLACK METAL MOUNTAIN 2.4KV ELECTRICAL POWER UPGRADE  BOX SPRINGS FEEDER REHAB PHASE III  BUDGET ADJUSTMENT  CABAZON RADIAL GATE FACILITY IMPROVEMENTS  CAJALCO CREEK MITIGATION FLOWS  CAST-IRON BLOW OFF REPLACEMENT - PHASE 4  CATHODIC PROTECTION STUDY - DESIGN AND CONSTRUCTION  CCRP - BLOW-OFF VALVES PHASE 4 PROJECT  CCRP - CONTINGENCY  CCRP - EMERGENCY REPAIR  CCRP - HEADGATE OPERATORS &amp; CIRCUIT BREAKERS REHAB.  CCRP - PART 1 &amp; 2  CCRP - SAND TRAP CLEANING EQUIPMENT &amp; TRAVELING CRANE STUDY  CCRP - TRANSITION &amp; MAN-WAY ACCESS COVER REPLACEMENT - STUDY &amp; DESIGN  CCRP - TUNNELS STUDY  CEPSRP - 230 KV SYSTEM SYNCHRONIZERS  CEPSRP - ALL PUMPING PLANTS - CONTINGENCY &amp; OTHER CREDITS  CEPSRP - ALL PUMPING PLANTS - REPLACE 6.9 KV TRANSFORMER BUSHINGS  CEPSRP - ALL PUMPING PLANTS - REPLACE 230KV , 69 KV &amp; 6.9 KV LIGHTENING ARRESTERS  CEPSRP - ALL PUMPING PLANTS - REPLACE 230KV TRANSFORMER PROTECTION  CEPSRP - SWITCHYARDS &amp; HEAD GATES REHABILITATION  CEPSRP- ALL PUMPING PLANTS - IRON MOUNTAIN - 230KV BREAKER SWITCH. INST.  COLORADO RIVER AQUEDUCT - PUMPING  COLORADO RIVER AQUEDUCT - SIPHONS AND RESERVOIR OUTLETS REFURBISHMENT  COLORADO RIVER AQUEDUCT CONVEYANCE RELIABILITY, PHASE II REPAIRS AND INSTRUMENTATION  CONTROL SYSTEM DRAWING UPGRADE STUDY (PHASE 1) - STUDY  COPPER BASIN AND GENE DAM OUTLET WORKS REHABILITATION (STUDY &amp; DESIGN)  COPPER BASIN AND GENE WASH RESERVOIRS DISCHARGE VALVE REHABILITATION  COPPER BASIN INTERIM CHLORINATION SYSTEM  COPPER BASIN OUTLET GATES RELIABILITY  COPPER BASIN OUTLET REHABILITATION  COPPER BASIN OUTLET, AND COPPER BASIN &amp; GENE WASH DAM SLUICEWAYS REHABILITATION  COPPER BASIN POWER &amp; PHONE LINES REPLACEMENT  COPPER BASIN RESERVOIR OUTLET STRUCTURE REHABILITATION PROJECT  COPPER BASIN RESERVOIRS DISCHARGE VALVE REHABILITATION &amp; METER REPLACEMENT  COPPER SULFATE STORAGE AT LAKE SKINNER AND LAKE MATHEWS  CORROSION CONTROL OZONE MATERIAL TEST FACILITY  COST OF LAND AND RIGHT OF WAY  CRA - ACCESS STRUCTURE, TRANSITION STRUCTURE AND MANHOLE COVER REPLACEMENT  CRA - AQUEDUCT AND PUMPING PLANT ISOLATION GATES  CRA - AQUEDUCT RESERVOIR AND DISCHARGE LINE ISOLATION GATES  CRA - AUXILIARY POWER SYSTEM REHAB  CRA - BANK TRANSFORMERS REPLACEMENT STUDY  CRA - BLOW-OFF VALVES PHASE 4  CRA - CIRCULATING WATER SYSTEM STRAINER REPLACEMENT  CRA - CONTROL SYSTEM IMPLEMENTATION PHASE CLOSE OUT  CRA - CONVEYANCE RELIABILITY PROGRAM PART 1 &amp; PART 2  CRA - COPPER BASIN OUTLET, AND COPPER BASIN &amp; GENE WASH SLUICEWAYS REHABILITATION  CRA - COPPER BASIN POWER &amp; PHONE LINES REPLACEMENT  CRA - CUT &amp; COVER FORNAT WASH EXPOSURE STUDY  CRA - DANBYTOWER FOOTER REPLACEMENT  CRA - DELIVERY LINE NO. 1 SUPPORTS REHAB - FIVE PUMPING PLANTS  CRA - DELIVERY LINES 2&amp;3 SUPPORTS REHAB - GENE &amp; INTAKE  CRA - DELIVERY LINES 2&amp;3 SUPPORTS REHAB - IRON, EAGLE, &amp; HINDS  CRA - DESERT PUMP PLANT OIL CONTAINMENT  CRA - DESERT SEWER SYSTEM REHABILITATION PROJECT  CRA - DESERT WATER TANK ACCESS &amp; SAFETY IMPROVEMENTS  CRA - DISCHARGE CONTAINMENT PROGRAM - INVESTIGATION  CRA - DISCHARGE LINE ISOLATION GATES  CRA - DWCV-4 VALVE REPLACEMENT  CRA - EAGLE MOUNTAIN SAND TRAPS INFLOW STUDY </div> </div>

<div>TABLE 3</div> <div>CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS</div>
<div> <div>Description</div> <div> <div>Conveyance and Aqueduct Facilites</div> <div> CRA - ELECTRICAL/ POWER SYST REL. PROG. - IRON MTN - 230KV BREAKER SWITC. INST.  CRA - GENE PUMPING PLANT MAIN TRANSFORMER AREA  CRA - HINDS PUMP UNIT NO. 8 REFURBISHMENT  CRA - INTAKE PUMPING PLANT - COOLING AND REJECT WATER DISCHARGE TO LAKE HAVASU  CRA - INTAKE PUMPING PLANT AUTOMATION PROGRAMMING  CRA - INVESTIGATION OF SIPHONS AND RESERVOIR OUTLETS  CRA - IRON MOUNTAIN RESERVOIR AND CANAL LINER REPAIRS  CRA - IRON MTN. TUNNEL REHABILITATION  CRA - LAKEVIEW SIPHON FIRST BARREL - REPAIR DETERIORATED JOINTS  CRA - MAIN PUMP MOTOR EXCITERS  CRA - MAIN PUMP STUDY  CRA - MOUNTAIN SIPHONS SEISMIC VULNERABILITY STUDY  CRA - PUMPING PLANT RELIABILITY PROGRAM CONTINGENCY  CRA - PUMPING PLANTS VULNERABILITY ASSESSMENT  CRA - PUMPING WELL CONVERSION  CRA - QUAGGA MUSSEL BARRIERS  CRA - REAL PROPERTY - BOUNDARY SURVEYS  CRA - RELIABILITY PROGRAM 230 KV &amp; 69 KV DISCONNECTS REPLACEMENT STUDY ( 5 PLANTS)  CRA - RELIABILITY PROGRAM INVESTIGATION  CRA - RELIABILITY PROGRAM PHASE 6 (AQUEDUCT PHASE 6 REHAB.) - SPEC 1568  CRA - RELIABILTY PHASE II CONTINGENCY  CRA - SAND TRAP CLEANING EQUIPMENT AND TRAVELING CRANE  CRA - SERVICE CONNECTION DWCV-2T VALVES REPLACEMENT AND STRUCTURE CONSTRUCTION  CRA - SERVICE CONNECTION DWCV-4 A, B, C, &amp; D PLUG VALVES REPLACEMENT  CRA - SIPHONS, TRANSITIONS, CANALS, AND TUNNELS REHABILITATION AND IMPROVEMENTS  CRA - SUCTION &amp; DISCHARGE LINES EXPANSION JOINT REHAB  CRA - SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA) SYSTEM  CRA - SWITCHYARDS AND HEAD GATES REHAB  CRA - SWITCHYARDS AND HEAD GATES REHABILITATION  CRA - TRANSFORMER OIL &amp; CHEMICAL UNLOADING PAD CONTAINMENT  CRA - TUNNELS VULNERABILITY STUDY - REPAIRS TO TUNNELS  CRA - WEST PORTAL UPGRADE - REHAB OF STILLING WELL, SLIDE GATE OPERATORS AND RADIAL GATES  CRA 2.4 KV STANDBY DIESEL ENGINE GENERATORS REPLACEMENT  CRA 230 KV &amp; 69 KV DISCONNECTS SWITCH REPLACEMENT  CRA 230 KV SYSTEM INTER-AGENCY OPERABILITY UPGRADES  CRA 230 KV TRANSMISSION SYSTEM REGULATORY AND OPERATIONAL FLEXIBILITY UPGRADES  CRA 230KV &amp; 69KV PROTECTION PANEL UPGRADE  CRA 230kv TRANSMISSION SYSTEM REGULATORY COMPLIANCE AND OPERATIONAL FLEXIBILITY UPGRADES  CRA 6.9 KV LEAD JACKETED CABLES  CRA 6.9 KV POWER CABLES REPLACEMENT  CRA 69KV PANEL UPGRADE  CRA ACCESS STRUCTURE, TRANSITION STRUCTURE AND MANHOLE COVERS REPLACEMENT  CRA ALL PUMPING PLANTS - FLOW METER UPGRADES  CRA AND IRON MOUNTAIN RESERVOIR PANEL REPLACEMENT  CRA AQUEDUCT BLOCKER GATE REPLACEMENT  CRA AQUEDUCT ISOLATION GATES REPLACEMENT  CRA AUXILIARY POWER SYSTEM REHABILITATION/UPGRADES FOR FOUR PUMPING PLANTS  CRA BLACK METAL COMMUNICATION SITE II UPGRADE  CRA CANAL CRACK REHAB AND EVALUATION  CRA CANAL CRACK REHABILITATION  CRA CANAL IMPROVEMENTS  CRA CIRCULATING WATER SYSTEM STRAINER REPLACEMENT  CRA CONDUIT FORMAT WASH EROSION REPAIRS  CRA CONDUIT STRUCTRUAL PROTECTION  CRA CONVEYANCE RELIABILITY PROGRAM (CCRP) - BLOW-OFF REPAIR  CRA CONVEYANCE RELIABILITY PROGRAM PART 1 &amp; PART 2  CRA COPPER BASIN AND GENE WASH DAM SLUICEWAYS  CRA COPPER BASIN OUTLET GATES RELIABILITY STUDY  CRA DELIVERY LINE REHABILITATION  CRA DESERT AIRFIELDS IMPROVEMENT  CRA DESERT REGION SECURITY IMPROVEMENTS  CRA DISCHARGE CONTAINMENT PROGRAM - CONTINGENCY  CRA DISCHARGE CONTAINMENT PROGRAM - GENE &amp; IRON DRAIN SYSTEMS  CRA DISCHARGE CONTAINMENT PROGRAM - INVESTIGATION  CRA DISCHARGE CONTAINMENT PROGRAM - OIL &amp; CHEMICAL UNLOADING PAD CONTAINMENT  CRA ELECTRICAL / POWER SYSTEM RELIABILITY PROGRAM (CEPSRP)  CRA ENERGY EFFICIENCY IMPROVEMENTS  CRA GENE PUMPING PLANT HEAVY EQUIPMENT SERVICE PIT  CRA GENE STORAGE WAREHOUSE REPLACEMENT  CRA HINDS PUMPING PLANT - WASH AREA UPGRADE  CRA INTAKE PPLANT - POWER &amp; COMMUNICATION LINE REPLACEMENT  CRA IRON GARAGE HEAVY EQUIPMENT SERVICE PIT REPLACEMENT  CRA IRON HOUSING REPLACEMENT  CRA IRON MOUNTAIN SUCTION JOINT REFURBISHMENT PILOT  CRA MAIN PUMP &amp; MOTOR REFURISHMENT  CRA MAIN PUMP AND MOTOR REFURISHMENT  CRA MAIN PUMP CONTROLS &amp; INSTRUMENTATION  CRA MAIN PUMP DISCHARGE VALVE REFURBISHMENT  CRA MAIN PUMP MOTOR EXCITERS ASSESSMENT  CRA MAIN PUMP MOTOR EXCITERS REHABILITATION  CRA MAIN PUMP REHABILITATION  CRA MAIN PUMP STUDY  CRA MAIN PUMP SUCTION AND DISCHARGE LINES, EXPANSION JOINT REPAIRS  CRA MAIN PUMPING PLANT DISCHARGE LINE ISOLATION BULKHEAD COUPLING CONSTRUCTION  CRA MAIN PUMPING PLANT UNIT COOLERS &amp; HEAT ESCHANGERS  CRA MAIN PUMPING PLANTS DISCHARGE LINE ISOLATION BULHEAD COUPLINGS  CRA MAIN PUMPING PLANTS LUBRICATION SYSTEM  CRA MAIN PUMPING PLANTS SERVICE WATER &amp; SAND REMOVAL SYSTEM  CRA MAIN TRANSFORMER REFURBISHMENT  CRA MAIN TRANSFORMER REPLACEMENT /REHABILITATION  CRA MAIN TRANSFORMER REPLACEMENT/REHAB.  CRA MILE 12 POWER LINE &amp; FLOW MONITORING EQUIP. STUDY  CRA OVER-CURRENT RELAY REPLACEMENT </div> </div> </div>

<div>TABLE 3</div> <div>CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS</div>
<div><b>Description</b></div> <div><b><u>Conveyance and Aqueduct Facilities</u></b></div> <div> CRA PROTECTIVE SLABS  CRA PUMP PLANT FLOW METER REPLACEMENT  CRA PUMP PLANT FLOW METER UPGRADE  CRA PUMP PLANT SUMP PIPING REPLACEMENT STUDY  CRA PUMP PLANT SUMP SYSTEM REHABILITATION  CRA PUMP PLANT UNINTERRUPTABLE POWER STUDY (UPS) UPGRADE  CRA PUMP PLANTS 2.3KV AND 480V SWITCH RACK REHABILITATION  CRA PUMP PLANTS 2300KV &amp; 480 V SWITCHRACK REHAB  CRA PUMP WELLS CONVERSION AND BLOW-OFF REPAIR  CRA PUMPING PLANT DELIVERY LINE REHABILITATION  CRA PUMPING PLANT REHABILITATION STUDY  CRA PUMPING PLANT REHABILITATION STUDY AND INVESTIGATION  CRA PUMPING PLANT RELIABILITY PROGRAM - HIGH PRESSURE COMPRESSOR REPLACEMENT  CRA PUMPING PLANT RELIABILITY PROGRAM - SUCTION &amp; DISCHARGE LINES EXPANSION JOINT STUDY  CRA PUMPING PLANT RELIABILITY PROGRAM - SUCTION AND DISCHARGE LINES-EXPANSION JOINT REPAIRS  CRA PUMPING PLANT STORAGE BUILDINGS AT HINDS, EAGLE MOUNTAIN AND IRON MOUNTAIN  CRA PUMPING PLANT SUMP SYSTEM REHABILITATION  CRA PUMPING PLANT WASTEWATER SYSTEM - GENE &amp; IRON MTN.  CRA PUMPING PLANT WASTEWATER SYSTEM - INTAKE  CRA PUMPING PLANT WASTEWATER SYSTEM REHABILITATION - ALL FIVE PUMPING PLANT PRELIMINARY DESIGN  CRA PUMPING PLANT WASTEWATER SYSTEM REPLACEMENT - GENE/IRON MTN FINAL DESIGN  CRA PUMPING PLANT WASTEWATER SYSTEM REPLACEMENT - HINDS &amp; EAGLE MTN.  CRA PUMPING PLANTS - AUXILIARY POWER SYSTEM REHABILITATE/UPGRADES  CRA PUMPING PLANTS 230KV &amp; 69K DISCONNECT SWITCH REPLACEMENT  CRA PUMPING PLANTS ASPHALT REPLACEMENT  CRA PUMPING PLANTS CRANE IMPROVEMENTS  CRA PUMPING PLANTS SWITCH HOUSE FAULT CURRENT PROTECTION  CRA PUMPING PLANTS VULNERABILITY ASSESSMENT  CRA PUMPING PLANTS WATER TREATMENT SYSTEMS REPLACEMENT  CRA PUMPING PLT RELIABILITY PROGRAM, DISCHARGE LINE COUPLING INSTALLATION  CRA PUMPING WELL CONVERSION  CRA QUAGGA MUSSEL BARRIERS  CRA RADIAL GATES AND SLIDE GATE REHABILITATION  CRA RADIAL GATES REPLACEMENT  CRA RELIABILITY PHASE II - PUMPING PLANTS 230KV &amp; 69KV DISCONNECT SWITCH REPLACEMENT  CRA RELIABILITY PROGRAM - DISCHARGE VALVE LUBRICATORS  CRA RELIABILITY PROGRAM - MOTOR BREAKER FAULTY CURRENT STUDY (5 PLANTS)  CRA RELIABILITY PROGRAM PHASE 6 (AQUEDUCT PHASE 6 REHAB.) - SPEC 1568  CRA RELIABILTY PHASE II - PUMPING PLANT SWITCH HOUSE FAULT CURRENT PROTECTION  CRA SAND TRAP EQUIPMENT UPGRADES  CRA SEISMIC EVALUATION - SWITCH HOUSE AND PUMP ANCHORAGE  CRA SEISMIC RETROFIT OF 6.9KV SWITCH HOUSES  CRA SEISMIC UPGRADE OF 6.9KV SWITCH HOUSES  CRA SERVICE CONNECTION DWCV-2T VALVES REPLACEMENT AND STRUCTURE CONSTRUCTION  CRA SERVICE CONNECTION DWCV-4 VALVES REPLACEMENT  CRA SIPHON REHAB  CRA SIPHONS, TRANSITIONS, CANALS, AND TUNNELS REHABILITATION AND IMPROVEMENTS  CRA SURGE CHAMBER DISCHARGE LINE BY-PASS COVERS  CRA SWITCHRACKS &amp; ANCILLARY STRUCTURES EROSION CONTROL  CRA TRANSFORMER OIL AND SODIUM HYPOCHLORITE CONTAINMENT  CRA TRANSITION STRUCTURE AND MANHOLE COVERS REPLACEMENT  CRA UPS REPLACEMENT  CRA VILLAGES DOMESTIC WATER MAIN DISTRIBUTION REPLACEMENT STUDY  CRA WATER DISTRIBUTION SYSTEM &amp; VILLAGE ASPHALT REPLACEMENT - GENE &amp; IRON MOUNTAIN  CRA WATER DISTRIBUTION SYSTEM REPLACEMENT AND CRA ROADWAY ASPHALT REPLACEMENT - ALL PP  CUF DECHLORINATION SYSTEM  DAM SLUICeways AND OUTLETS REHABILITATION  DANBY TOWER FOOTER REPLACEMENT  DANBY TOWERS FOUNDATION REHABILITATION  DESERT FACILITIES FIRE PROTECTION SYSTEMS UPGRADE  DESERT LAND ACQUISITIONS  DESERT PUMP PLANT OIL CONTAINMENT  DESERT ROADWAY IMPROVEMENT  DESERT SEPTIC SYSTEM  DESERT SEWER SYSTEM REHABILITATION  DESERT WATER TANK ACCESS - FIRE WATER, CIRCULATING WATER, DOMESTIC WATER- STUDY  DISCHARGE LINE ISOLATION BULKHEAD COUPLINGS  DISTRIBUTION SYSTEM FACILITIES - REHABILITATION PROGRAM  DISTRIBUTION SYSTEM FACILITIES REHABILITATION PROGRAM - MAINTENANCE &amp; STORAGE SHOP (PC-1)  DISTRIBUTION SYSTEM RELIABILITY PROGRAM - PHASE 2  DVL INLET / OUTLET TOWER FISH SCREENS REPLACEMENT  DVL TO SKINNER TRANSMISSION LINE STUDY  E. THORNTON IBBETSON GUEST QUARTERS  EAGLE AND HINDS EQUIPMENT WASH AREA UPGRADE  EAGLE KITCHEN UPGRADE  EAGLE MOUNTAIN PUMPING PLANT SCADA SYSTEM  EAGLE MOUNTAIN SAND TRAPS STUDY  EAGLE MOUNTAIN SIPHONS SEISMIC VULNERABILITY STUDY  EAGLE MTN SAND TRAPS STUDY  EAGLE ROCK ASPHALT REPAIR PROJECT  EAGLE ROCK MAIN ROOF REPLACEMENT  ENHANCED VAPOR RECOVERY UPGRADES FOR GASOLINE DISPENSERS  ENVIRONMENTAL MITIGATION  ETIWANDA PIPELINE LINER REPAIR  ETIWANDA RESERVOIR LINER REPAIR  FUTURE SYSTEM RELIABILITY PROJECTS  GARVEY RESERVOIR - AUTOMATED DATA ACQUISITION SYSTEM  GARVEY RESEVOIR AUTOMATED DATA ACQUISITON SYSTEM REPLACEMENT  GENE &amp; INTAKE P.P. - FREQUENCY PROTECTION RELAY REPLACEMENT  GENE &amp; INTAKE PUMPING PLANT SURGE CHAMBER OUTLET GATES RE-COATING  GENE &amp; INTAKE PUMPING PLANTS - REPLACE UNDER FREQUENCY PROTECTION RELAY  GENE AIR CONDITION  GENE CAMP STATION SERVICE TRANSFORMER REPLACEMENT  GENE PUMPING PLANT - AIR STRIP EXTENSION PROJECT  GENE PUMPING PLANT - HEAVY EQUIPMENT SERVICE PIT </div>

<p><b>TABLE 3</b></p> <p><b>CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS</b></p>
<p><b>Description</b></p> <p><b>Conveyance and Aqueduct Facilities</b></p> <p>GENE PUMPING PLANT - PEDDLER SUBSTATION REPLACEMENT</p> <p>GENE PUMPING PLANT - SCADA SYSTEM</p> <p>GENE PUMPING PLANT EXPANSION JOINT REHABILITATION</p> <p>GENE PUMPING PLANT MAIN TRANSFORMER AREA</p> <p>GENE PUMPING PLANT STANDBY GENERATOR REPLACEMENT</p> <p>GENE STORAGE BUILDING REPLACEMENT</p> <p>GENE STORAGE WAREHOUSE REPLACEMENT</p> <p>GENE WASH RESERVOIRS DISCHARGE VALVE REHABILITATION</p> <p>HEADGATE OPERATORS &amp; CIRCUIT BREAKERS REHAB.</p> <p>HIGHLAND PIPELINE CONSTRUCTION</p> <p>HINDS EAGLE &amp; IRON MOUNTAINS STORAGE BUILDINGS</p> <p>HINDS PUMPING PLANT DISCHARGE VALVE PIT PLATFORM REPLACEMENT</p> <p>HINDS PUMPING PLANT EQUIPMENT WASH AREA UPGRADES</p> <p>HINDS PUMPING PLANT SCADA SYSTEM</p> <p>HINDS PUMPING PLANT STANDBY GENERATOR REPLACEMENT</p> <p>INLAND FDR, ARROWHEAD TUNNELS REDESIGN</p> <p>INLAND FDR, ARROWHEAD WEST TUNNEL CONSTRUCTION</p> <p>INLAND FDR, CONTRACT 9, CONSTRUCTION OF RIVERSIDE PPLN SOUTH</p> <p>INLAND FDR, OWNER CONTROLLED INSURANCE PROGRAM</p> <p>INLAND FDR, REACH 4, RUSD PPLN</p> <p>INLAND FDR-CNTR #1/DEVIL CYN-WATERMAN RD</p> <p>INLAND FDR-CNTR #4-SOFT GRND TNL/SANTA ANA</p> <p>INLAND FDR-CONT #8-PIPEL PARALLEL TO DAVIS RD</p> <p>INLAND FDR-ENVIRON. MITIG.</p> <p>INLAND FEEDER - RIGHT OF WAY AND EASEMENT PROCUREMENT</p> <p>INLAND FEEDER CONTINGENCY</p> <p>INLAND FEEDER COST OF LAND AND RIGHT OF WAY</p> <p>INLAND FEEDER ENVIRONMENTAL MITIGATION</p> <p>INLAND FEEDER GROUNDWATER MONITORING</p> <p>INLAND FEEDER HIGHLAND PIPELINE CLAIMS COST</p> <p>INLAND FEEDER HIGHLAND PIPELINE CONSTRUCTION</p> <p>INLAND FEEDER HIGHLAND PIPELINE DESIGN</p> <p>INLAND FEEDER MENTONE PIPELINE CONSTRUCTION</p> <p>INLAND FEEDER MENTONE PIPELINE DESIGN</p> <p>INLAND FEEDER MENTONE PIPELINE RUSD CONSTRUCTION</p> <p>INLAND FEEDER OWNER CONTROLLED INSURANCE PROGRAM</p> <p>INLAND FEEDER PROGRAM REMAINING BUDGET/CONTINGENCY</p> <p>INLAND FEEDER PROJECT MANAGEMENT SUPPORT</p> <p>INLAND FEEDER PURCHASE OF LAND AND RIGHT OF WAY</p> <p>INLAND FEEDER RAISE BURIED STRUCTURES AND REALIGN DAVIS RD.</p> <p>INLAND FEEDER REVERSE OSMOSIS PLANT</p> <p>INLAND FEEDER RIVERSIDE BADLANDS TUNNEL CONSTRUCTION</p> <p>INLAND FEEDER RIVERSIDE NORTH PIPELINE DESIGN</p> <p>INLAND FEEDER RUSD CLAIMS DEFENSE</p> <p>INLAND FEEDER STUDIES</p> <p>INLAND FEEDER UNDERGROUND STORAGE TANK REMOVAL &amp; ABOVEGROUND STORAGE TANK INSTALLATION</p> <p>INLAND FEEDER, ARROWHEAD EAST TUNNEL</p> <p>INLAND FEEDER, ARROWHEAD TUNNELS CONSTRUCTION</p> <p>INLAND FEEDER, CONTRACT #5, OPAL AVENUE PORTAL / BADLANDS TUNNEL</p> <p>INLAND FEEDER, CONTRACT #7, RIVERSIDE NORTH PIPELINE CONSTRUCTION</p> <p>INLAND FEEDER, PROGRAM MANAGEMENT</p> <p>INLAND FEEDER/SBMWD HIGHLAND INTERTIE BYPASS LINE REHAB</p> <p>INSULATION JOINT TEST STATIONS</p> <p>INTAKE POWER AND COMMUNICATION LINE RELOCATION</p> <p>INTAKE POWER AND COMMUNICATIONS LINE RELOCATION</p> <p>INTAKE PPLANT - POWER &amp; COMMUNICATION LINE REPLACEMENT</p> <p>INTAKE PUMPING PLANT - COOLING AND REJECT WATER DISCHARGE TO LAKE HAVASU</p> <p>INTAKE PUMPING PLANT AUTOMATION PROGRAMMING</p> <p>INTAKE PUMPING PLANT INSTRUMENTATION REPLACEMENT</p> <p>INTAKE PUMPING PLANT INSTRUMENTATION REPLACEMENT &amp; AUTOMATION</p> <p>INTAKE PUMPING PLANT INSTRUMENTATION REPLACEMENT &amp; AUTOMATION (4 PLANTS)</p> <p>INTAKE PUMPING PLANT POWER &amp; COMMUNICATION LINE REPLACEMENT</p> <p>INTAKE PUMPING PLANT SCADA SYSTEM</p> <p>INTAKE PUMPING PLANT STANDBY GENERATOR REPLACEMENT</p> <p>IRON MOUNTAIN &amp; EAGLE MOUNTAIN 230KV TRANSMISSION LINE PILOT RELAY</p> <p>IRON MOUNTAIN AUXILIARY POWER SYSTEM REHABILITATION</p> <p>IRON MOUNTAIN GENERATOR REPLACEMENT</p> <p>IRON MOUNTAIN PUMPING PLANT</p> <p>IRON MOUNTAIN PUMPING PLANT DELIVERY LINE NO. 1 RELINING</p> <p>IRON MOUNTAIN PUMPING PLANT HOUSING REPLACEMENT</p> <p>IRON MOUNTAIN PUMPING PLANT SCADA SYSTEM</p> <p>IRON MOUNTAIN SERVICE PIT REHABILITATION</p> <p>IRON MOUNTAN &amp; EAGLE MOUNTAIN 230kv TRANSMISSION LINE PILOT RELAY</p> <p>JULIAN HINDS PUMPING PLANT DELIVERY PIPE EXPANSION JOINT PHASE 2 REPAIRS</p> <p>JULIAN HINDS PUMPING PLANT DELIVERY PIPE EXPANSION JOINT PHASE I REPAIR</p> <p>LAKE MATHEWS FOREBAY &amp; HEADWORK FACILITY &amp; EQUIPMENT</p> <p>LAKE MATHEWS FOREBAY WALKWAY REPAIRS</p> <p>LAKE MATHEWS ICS</p> <p>LAKE MATHEWS INTERIM CHLORINATION SYSTEM</p> <p>LAKE SKINNER - OUTLET CONDUIT FLOWMETER INSTALLATION</p> <p>LAKE SKINNER BYPASS PIPELINE NO. 2 CATHODIC PROTECTION</p> <p>LAKE SKINNER OUTLET CONDUIT</p> <p>LAKEVIEW PIPELINE LEAK REPAIR AT STA. 2510+49</p> <p>LAVERNE FACILITIES - EMERGENCY GENERATOR</p> <p>LAVERNE FACILITIES - MATERIAL TESTING</p> <p>LOWER FEEDER EROSION PROTECTION</p> <p>MAGAZINE CANYON - VALVE REPLACEMENT FOR SAN FERNADO TUNNEL (STATION 778+80)</p> <p>MAGAZINE CANYON OIL &amp; WATER SEPARATOR</p> <p>MAGAZINE CANYON OIL/WATER SEPARATOR</p> <p>MAPES LAND ACQUISTION</p> <p>MENTONE PPLN, RUSD, DEFENSE OF CLAIM</p> <p>MILE 12 FLOW AND CHLORINE MONITORING STATION UPGRADES</p> <p>MILE 12 POWER LINE &amp; FLOW MONITORING EQUIPMENT STUDY</p> <p>MILLS PLANT SUPPLY PUMP STATION STUDY</p> <p>MINOR CAP FY 2011/12</p> <p>MOTOR BREAKER FAULTY (5 PPLANTS)</p>

TABLE 3 CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS	
<b>Description</b>	
<b><u>Conveyance and Aqueduct Facilities</u></b>	
NEWHALL TUNNEL - REPAIR STEEL LINER	
NEWHALL TUNNEL - UPGRADE LINER SYSTEM	
NITROGEN STORAGE STUDY AT DVL, INLAND FEEDER PC-1, AND LAKE MATHEWS	
OC 44 SERVICE CONNECTIONS & EOC#2 METER ACCESS ROAD REPAIR	
OC 88 PUMP PLANT FIRE PROTECTION STUDY	
OC-71 SERVICE CONNECTION REPAIRS	
OLINDA PCS FACILITY REHABILITATION AND UPGRADE	
OLINDA PRESSURE CONTROL STRUCTURE FACILITY REHABILITATION AND UPGRADE	
ORANGE COUNTY 44 SERVICE CONNECTIONS & EOC#2 METER ACCESS ROAD REPAIR	
ORANGE COUNTY 88 PUMP PLANT FIRE PROTECTION STUDY	
OWNER CONTROLLED INSURANCE PROGRAM	
PALO VERDE VALLEY LAND PURCHASE - 16,000 ACRES	
PALOS VERDES FEEDER REHABILITATION OF DOMINGUEZ CHANNEL	
PALOS VERDES RESERVOIR SPILLWAY MODIFICATION	
PROJECT MANAGEMENT SUPPORT	
PUDDINGSTONE RADIAL GATE REHABILITATION	
PURCHASE OF LAND AND RIGHT OF WAY	
QUAGGA MUSSEL STUDY	
R&R FOR CRA	
REPAIR UPPER FEEDER LEAKING EXPANDSION JOINT	
REPAIRS TO TUNNELS	
RIALTO FEEDER REPAIR @ STA. 3662+23	
RIALTO FEEDER REPAIR OF ANOMALOUS PIPE SECTION	
RIVERSIDE BADLANDS TUNNEL CONSTRUCTION	
RIVERSIDE BRANCH - ALESSANDRO BLVD. LEFT LAND TURN LANE	
RIVERSIDE BRANCH - CONSTRUCTION OF CONTROL PANEL DISPLAY WALL	
RIVERSIDE NORTH PIPELINE DESIGN & CONSTRUCTION	
RIVERSIDE SOUTH PIPELINE CONSTRUCTION	
SAN DIEGO PIPELINE REPAIR AT STATION 1268+57	
SAN FERNANDO TUNNEL STATION 778+80 VALVE REPLACEMENT	
SAN GABRIEL TOWER SEISMIC ASSESSMENT	
SAN GABRIEL TOWER SLIDE GATE REHABILITATION	
SAN JACINTO TUNNEL EAST ADIT REHABILITATION	
SAN JACINTO TUNNEL, WEST PORTAL	
SAN JOAQUIN RESERVOIR - NEW DESIGN	
SAN JOAQUIN RESERVOIR IMPROVEMENT- FLOATING COVER	
SAN JOAQUIN RESERVOIR IMPROVEMENTS	
SAN JOAQUIN RESERVOIR IMPROVEMENTS STUDY	
SAND TRAP CLEANING EQUIPMENT AND TRAVELING CRANE STUDY	
SANTA ANA RIVER BRIGDE SEISMIC RETROFIT	
SANTIAGO TOWER ACCESS ROAD UPGRADE	
SANTIAGO TOWER PATROL ROAD REPAIR	
SD5 REPAIR	
SECOND LOWER FEEDER STRAY CURRENT MITIGATION SYSTEMS REFURBISHMENT	
SECURITY FENCING AT OC-88 PUMPING PLANT	
SEISMIC EVALUATION OF CRA STRUCTURES	
SEISMIC PROGRAM	
SEISMIC UPGRADE OF 11 FACILITIES OF THE CONVEYANCE & DISTRIBUTION SYSTEM	
SEPULVEDA FEEDER CORROSION INTERFERENCE MITIGATION	
SEPULVEDA FEEDER REPAIR AT STATION 1099	
SEPULVEDA FEEDER STRAY CURRENT MITIGATION SYSTEM REFURBISHMENT	
SERVICE CONNECTION & EOCF #2 METER ACCESS ROAD UPGRADE & BETTERMENT	
SERVICE CONNECTION DWCV-2T VALVES REPLACEMENT AND STUCTURE CONSTRUCTION	
SKINNER BR - IMPROVE CABAZON RADIAL GATE FACILITY	
SUCTION & DISCHARGE LINES EXPANSION JOINT STUDY	
SWITCHYARDS AND HEAD GATES REHAB	
TEMESCAL HYDRO-ELECTRIC PLANT ACCESS ROAD UPGRADE	
TEMESCAL POWER PLANT ACCESS ROAD PAVING	
TRANSFORMER OIL & CHEMICAL UNLOADING PAD CONTAINMENT	
TRANSFORMER OIL AND SODIUM HYPOCHLORITE CONTAINMENT PROJECT	
U.S. BUREAU OF LAND MANAGEMENT LAND ACQUISITION	
UPPER FEEDER CATHODIC PROTECTION SYSTEM	
UPPER FEEDER GATES REHABILITATION PROJECTS	
UPPER FEEDER LEAKING EXPANDSION JOINT REPAIR	
VALLEY BRANCH - PIPELINE CORROSION TEST STATION	
WASTEWATER SYSTEM REHABILITATION	
WASTEWATER SYSTEM REHABILITATION - GENE/IRON MTN	
WASTEWATER SYSTEM REHABILITATION - HINDS/EAGLE MTN	
WEST VALLEY FEEDER #2 CATHODIC PROTECTION SYSTEM REHABILITATION	
WHITE WATER SIPHON PROTECTION	
WHITEWATER EROSION PROTECTION STRUCTURE REHABILITATION	
WHITEWATER SIPHON EROSION PROTECTION	
WHITEWATER SIPHON PROTECTION STRUCTURE	
<b><i>Sub-total Conveyance and Aqueduct facilities costs</i></b>	<b>\$ 76,253,010</b>

<p><b>TABLE 3</b></p> <p><b>CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS</b></p>
<p><b>Description</b></p> <p><b><u>Distribution Facilites</u></b></p> <p>108TH STREET PRESSURE CONTROL STRUCTURE VALVE REPLACEMENT</p> <p>42" CONICAL PLUG VALVE REPLACEMENT</p> <p>ACCUSONIC FLOW METER UPGRADE</p> <p>ACCUSTIC FIBER OPTIC MONITORING OF PCCP LINES</p> <p>ALAMEDA CORRIDOR PIPELINE</p> <p>ALL FACILITIES - WATER DISCHARGE ELIMINATION</p> <p>ALL FACILITIES, INSPECTION AND REPLACEMENT OF CRITICAL VACUUM VALVES</p> <p>ALL FEEDERS - MANHOLE LOCKING DEVICE RETROFIT</p> <p>ALL PUMPING PLANTS - INSTALL HYPOCHLORINATION STATIONS</p> <p>ALLEN MCCOLLOCH PIPELINE 2010 REFURBISHMENT</p> <p>ALLEN MCCOLLOCH PIPELINE CATHODIC PROTECTION</p> <p>ALLEN MCCOLLOCH PIPELINE INTERCONNECTIONS</p> <p>ALLEN MCCOLLOCH PIPELINE LOCAL CONTROL MODIFICATIONS</p> <p>ALLEN MCCOLLOCH PIPELINE REPAIR</p> <p>ALLEN MCCOLLOCH PIPELINE REPAIR - CARBON FIBER LINING REPAIR</p> <p>ALLEN MCCOLLOCH PIPELINE REPAIR - SERVICE CONNECTIONS UPGRADES</p> <p>ALLEN MCCOLLOCH PIPELINE REPAIR - STATION 276+63</p> <p>ALLEN MCCOLLOCH PIPELINE REPAIR - SURGE SUPPRESSION SYSTEM AT OC88A</p> <p>ALLEN MCCOLLOCH PIPELINE REPAIR - VALVE ACTUATOR REPLACEMENTS</p> <p>ALLEN MCCOLLOCH PIPELINE REPAIR SERVICE CONNECTIONS SIMPLIFICATION</p> <p>ALLEN MCCOLLOCH PIPELINE STRUCTURE - ROOF SLAB REPAIRS</p> <p>ALLEN MCCOLLOCH PIPELINE VALVE VAULT REPAIRS</p> <p>ALLEN-MCCOLLOCH CORROSION/INTERFERENCE MITIGATION, STATION 719+34 TO 1178+02</p> <p>ALLEN-MCCOLLOCH PIPELINE</p> <p>ALLEN-MCCOLLOCH PIPELINE OC-76 TURNOUT RELOCATION</p> <p>ALLEN-MCCOLLOCH PIPELINE PCCP REHABILITATION</p> <p>ALLEN-MCCOLLOCH PIPELINE REFURBISHMENT - STAGE 2</p> <p>ALLEN-MCCOLLOCH PIPELINE VALVE AND SERVICE CONNECTION VAULT REPAIRS</p> <p>AMP -SERVICE CONNECTIONS UPGRADES</p> <p>AMP -VALVE ACTUATOR REPLACEMENTS</p> <p>AMP COMPLETION RESOLUTION RIGHT OF WAY ISSUES</p> <p>AMR - RTU UPGRADE - PHASE 2</p> <p>ANODE WELL REPLACEMENT FOR ORANGE COUNTY AND RIALTO FEEDERS</p> <p>APPIAN WAY VALVE REPLACEMENT</p> <p>ARROW HIGHWAY PROPERTY DEVELOPMENT</p> <p>ASPHALT REHABILITATION AT WEYMOUTH FINISHED WATER RESERVOIR</p> <p>ASPHALT REPAIRS TO PERIMETER OF SEPULVEDA PCS</p> <p>ASSESS THE CONDITION OF METROPOLITAN'S PRESTRESSED CONCRETE CYLINDER PIPE</p> <p>ASSESS THE CONDITIONS OF MET'S</p> <p>ASSESSMENT OF PRESTRESSED CONCRETE CYLINDER PIPELINES - PHASE 3</p> <p>AULD VALLEY CONTROL STRUCTURE AREA FACILITIES</p> <p>AUTOMATED RESERVOIR WATER QUALITY MONITORING</p> <p>AUTOMATIC METER READING SYSTEM - RTU UPGRADE PHASE 2</p> <p>AUTOMATIC METER READING SYSTEM UPGRADE</p> <p>AUTOMATION COMMUNICATION UPGRADE</p> <p>AUTOMATION DOCUMENTATION SURVEY F/A</p> <p>BAR 97- ENHANCED AREA VEHICLE TESTING</p> <p>BATTERY MONITORING SYSTEM FOR AUTOMATIC METER READING SYSTEM</p> <p>BIXBY VALVE REPLACEMENT</p> <p>BLACK METAL MOUNTAIN ELECTRICAL TRANSFORMER</p> <p>BOX SPRINGS FEEDER BROKEN BACK REPAIR</p> <p>BOX SPRINGS FEEDER BROKEN BACK REPAIR PHASE I</p> <p>BOX SPRINGS FEEDER PHASE 3 AND 4 ENVIRONMENTAL MONITORING</p> <p>BOX SPRINGS FEEDER REPAIR - PHASE II</p> <p>BOX SPRINGS FEEDER REPAIRS PHASE 3 AND PHASE 4</p> <p>C&amp;D CRANE INSTALLATION AT OC-88 PUMPING PLANT</p> <p>CAJALCO CREEK DAM MANHOLE COVER RETROFIT</p> <p>CAJALCO CREEK DETENTION DAM SPILLWAY ACCESS ROAD</p> <p>CALABASAS FEEDER CARBON FIBER /BROKEN BACK REPAIR</p> <p>CALABASAS FEEDER INTERFERENCE MITIGATION</p> <p>CALABASAS FEEDER PCCP REHABILITATION</p> <p>CALABASAS FEEDER REPAIR, STUDY</p> <p>CAPITAL PROGRAM FOR PROJECTS COSTING LESS THAN \$250,000 FOR FY 2010/11</p> <p>CAPITAL PROJECTS COSTING LESS THAN \$250,000 FOR FY2008-09</p> <p>CARBON CREEK PRESSURE CONTROL STRUCTURE SEISMIC ASSESSMENT</p> <p>CARBON CREEK PRESSURE CONTROL STRUCTURE SEISMIC RETROFIT</p> <p>CASA LOMA AND SAN DIEGO CANAL LINING STUDY - PART 2</p> <p>CASA LOMA SIPHON BARREL 1 &amp; 2 DVL AND SD CANAL FLOW METER REPLACEMENT</p> <p>CASA LOMA SIPHON BARREL NO. 1 - PERMANENT REPAIRS</p> <p>CASA LOMA SIPHON BARREL NO. 1 JOINT REPAIR</p> <p>CASA LOMA SIPHON NO 1, CASA LOMA CANAL &amp; SAN DIEGO CANAL FLOW METER REPLACEMENT</p> <p>CATHODIC PROTECTION FOR THE FOOTHILL FEEDER</p> <p>CATHODIC PROTECTION SYSTEM UPGRADES</p> <p>CCP-PHASE 2 CONSTRUCTION</p> <p>CDSRP - DISCHARGE ELIMINATION</p> <p>CDSRP - ENTRAINED AIR IN UPPER FEEDER PIPELINE STUDY</p> <p>CDSRP - SEPULVEDA FEEDER REPAIRS</p> <p>CDSRP - SEPULVEDA TANKS RECOATING</p> <p>CENTRAL POOL AUGMENTATION - TUNNEL AND PIPELINE &amp; RIGHT-OF-WAY ACQUISITION</p> <p>CENTRAL POOL AUGMENTATION (CPA) PROGRAM - PIPELINE AND TUNNEL ALIGNMENT</p> <p>CENTRAL POOL AUGMENTATION AND WATER QUALITY PROJECT (CPAWQP)</p> <p>CHEMICAL INVENTORY AND USAGE REWRITE AND ELECTRICAL. SYSTEM LOG</p> <p>CHEMICAL UNLOADING FACILITY RETROFIT</p> <p>CHEVALIER FALCON MILLING MACHINE</p> <p>COASTAL JUNCTION REVERSE FLOW BYPASS</p> <p>COASTAL PRESSURE CONTROL STRUCTURE ROOF REPLACEMENT</p> <p>COLLIS AVENUE VALVE REPLACEMENT</p> <p>COLLIS VALVE REPLACEMENT</p> <p>COLORADO RIVER AQUEDUCT CASA LOMA SIPHON BARREL NO. 1 PROJECT NO. 2 - PERMANENT REPAIRS</p> <p>COMMUNICATIONS STRUCTURE ALARM MONITORING</p> <p>COMPREHENSIVE INFORMATION SECURITY ASSESSMENT PHASE III</p> <p>CONSTRUCTION PHASE 2</p> <p>CONTRACT &amp; LITIGATION TASKS -CONTRACT # 1396</p>



<div>TABLE 3</div> <div>CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS</div>
<div>Description</div> <div>Distribution Facilites</div> <div>CONTROL SYSTEM DATA STORAGE AND REPORTING</div> <div>CONTROL SYSTEM DRAWING &amp; DOCUMENTATION UPDATE</div> <div>CONTROL SYSTEM ENHANCEMENT PROGRAM (CSEP) - DIGITAL SUBNET STANDARDIZATION</div> <div>CONTROL SYSTEMS AUTOMATION COMMUNICATION UPGRADE</div> <div>CONTROLS COMMUNICATIONS FRAME RELAY CONVERSION - APPROPRIATED</div> <div>CONVERSION OF DEFORMATION SURVEY MONITORING AT GENE WASH, COPPER BASIN, AND DIEMER BASIN 8</div> <div>CONVEYANCE AND DISTRIBUTION SYSTEM ELECTRICAL STRUCTURES REHABILITATION</div> <div>CONVEYANCE AND DISTRIBUTION SYSTEM REHABILITATION PROGRAM (CDSRP) - CURRENT DRAIN STATIONS</div> <div>COPPER BASIN ICS</div> <div>COPPER BASIN SEWER SYSTEM</div> <div>CORONA POWER PLANT REPLACE EMERGENCY GENERATOR</div> <div>CORROSION MATERIALS TESTING FACILITY SCADA UPGRADE</div> <div>COVINA PRESSURECONTROL FACILITY</div> <div>COYOTE CREEK NORTHERN PERIMETER LANDSCAPING</div> <div>COYOTE PRESSURE CONTROL STRUCTURE ROOF REPLACEMENT</div> <div>CPA PIPELINE &amp; TUNNEL ALIGNMENT</div> <div>CPA PIPELINE &amp; TUNNEL ALIGNMENT - NON FUNDED PORTION</div> <div>CPA PIPELINE &amp; TUNNEL ALIGNMENT - STUDY</div> <div>CPA WATER TREATMENT PLANT - NON FUNDED PORTION</div> <div>CPA WATER TREATMENT PLANT - RIGHT OF WAY - PHASE 2</div> <div>CPAWQP - PHASE 2</div> <div>CPAWQP - STUDY AND LAND ACQUISITION - CONTINGENCY</div> <div>CPAWQP - STUDY AND LAND ACQUISITION - PIPELINE &amp; TUNNEL ALIGNMENT - STUDY</div> <div>CPAWQP - STUDY AND LAND ACQUISITION - RIGHT-OF-WAY-ACQUISITION</div> <div>CPAWQP - STUDY AND LAND ACQUISITION - WATER TREATMENT PLANT - RIGHT OF WAY - PHASE 2</div> <div>CPAWQP - STUDY AND LAND ACQUISITION - WATER TREATMENT PLANT - STUDY</div> <div>CRA - PC-1 EFFLUENT OPEN CHANNEL TRASH RACK</div> <div>CRA CABAZON &amp; POTRERO SHAFT COVERS</div> <div>CRA CONTROL INTEGRATION</div> <div>CRA PROTECTIVE SLAB AT STATION 9704+77</div> <div>CROSS CONNECTION PREVENTION PROGRAM - PHASE II CONSTRUCTION</div> <div>CROSS CONNECTION PREVENTION PROJECT, COMPLETE PRELIMINARY DESIGN AND CEQA DOCUMENTATION</div> <div>CSEP - ELECTRONIC SYSTEM LOG (ESL)</div> <div>CSEP - ENERGY MANAGEMENT SYSTEM PHASE II</div> <div>CSEP - ENHANCED DISTRIBUTION SYSTEM CONTROL PROJECT</div> <div>CSEP - IMPLEMENTATION</div> <div>CSEP - OPERATIONS &amp; BUSINESS DATA INTEGRATION PILOT</div> <div>CSEP - PLANT INFLUENT REDUNDANT FLOW METERING AND SPLITTING</div> <div>CSEP - PLC PHASE 2 - LIFE-CYCLE REPLACEMENT</div> <div>CSEP - PLC STANDARDIZATION</div> <div>CSEP - PLC STANDARDIZATION PHASE II</div> <div>CSEP - POWER MANAGEMENT SYSTEM</div> <div>CSEP - WATER PLANNING APPLICATION</div> <div>CSEP IMPLEMENTATION</div> <div>CSEP- SMART OPS (FORMERLY REAL TIME OPERATIONS SIMULATION)</div> <div>CURRENT DRAIN STATIONS</div> <div>DAM REHABILITATION &amp; SAFETY IMPROVEMENTS ST. JOHN'S CANYON CHANNEL EROSION MITIGATION</div> <div>DANBY TOWER FOUNDATION INVESTIGATION AND SHORT TERM MITIGATION</div> <div>DEODERA PCS PAVEMENT UPGRADE &amp; BETTERMENT</div> <div>DESERT BRANCH - REPLACE STOLEN COPPER GROUND WIRE FOOTINGS/GROUNDING, AND COPPER PIPING</div> <div>DESERT BRANCH PUMP PLANT AUXILIARY (STATION SERVICE)</div> <div>DESERT BRANCH, PURCHASE &amp; INSTALL 5 PORT VIDEO CONFERENCING</div> <div>DESERT FACILITIES DOMESTIC WATER GAC SYSTEM INSTALLATION</div> <div>DESERT HIGH VOLTAGE TRANSMISSION TOWERS - REPLACE COPPER GROUND WIRES ON</div> <div>DETAIL SEISMIC EVALUATION OF WATER STORAGE TANK</div> <div>DFP - ELIMINATE BACKUP GENERATOR TIE-BUS &amp; INSTALL MANUAL TRANSFER SWITCH FOR CHLORINE SCRUBBER</div> <div>DIEMER FILTRATION PLANT - SLOPE REPAIR</div> <div>DIEMER OZONE COOLING WATER ALTERNATIVE SOURCE</div> <div>DIRECTIONAL SIGNS FOR DIAMOND VALLEY LAKE FACILITY</div> <div>DISCHARGE ELIMINATION</div> <div>DIST SYS-AIR RELEASE &amp; VAC VALVE MODS</div> <div>DISTRIBUTION SYSTEM - CCPP CONSTRUCTION PACKAGES 9,11,12</div> <div>DISTRIBUTION SYSTEM - STANDPIPE STRENGTHENING PROGRAM</div> <div>DISTRIBUTION SYSTEM - STATIONARY CORROSION REFERENCE</div> <div>DISTRIBUTION SYSTEM - TREATED WATER CROSS CONNECTION PREVENTION PROJECT - FINAL DESIGN &amp; CONSTRUCTION</div> <div>DISTRIBUTION SYSTEM ASSESSMENTS/UPGRADES OF LOS ANGELES COUNTY</div> <div>DISTRIBUTION SYSTEM ASSESSMENTS/UPGRADES OF RIVERSIDE AND SAN DIEGO COUNTY</div> <div>DISTRIBUTION SYSTEM ASSESSMENTS/UPGRADES OF SAN BERNARDINO COUNTY</div> <div>DISTRIBUTION SYSTEM CONTROL &amp; EQUIP UPGRADE - ENHANCED DISTRIB. SYSTEM AUTOMATION PHASE I</div> <div>DISTRIBUTION SYSTEM EQUIPMENT &amp; INSTRUMENTATION UPGRADES</div> <div>DISTRIBUTION SYSTEM INFRASTRUCTURE PROTECTION IMPROVEMENTS FOR ORANGE COUNTY</div> <div>DISTRIBUTION SYSTEM REHABILITATION PROGRAM - ASSESS THE STATE OF MWD'S DISTRIBUTION SYSTEM</div> <div>DISTRIBUTION SYSTEM REPLACEMENT OF AREA CONTROL SYSTEMS - WILLOWGLEN RTUS ADMINISTRATION</div> <div>DISTRIBUTION SYSTEM REPLACEMENT OF AREA CONTROL SYSTEMS (DSRACS)</div> <div>DISTRICT WIDE - ENHANCED VAPOR RECOVERY PHASE 2 GASOLINE DISPENSING</div> <div>DSRACS - OPERATIONS CONTROL CENTER - CONTRACT #1396</div> <div>DSRACS - SKINNER AREA</div> <div>DSRACS - SOFTWARE DEVELOPMENT COST</div> <div>DSRACS - WEYMOUTH</div> <div>DVL &amp; CONTROL SYSTEM REPLACEMENT INVESTIGATION &amp; PREPARATION FOR PRELIMINARY DESIGN</div> <div>DVL VIEWPOINT ROAD SECURITY UPGRADES</div> <div>EAGLE EQUIPMENT WASH AREA UPGRADE</div> <div>EAGLE ROCK - ASPHALT REHABILITATION</div> <div>EAGLE ROCK - FIRE PROTECTION AT THE WESTERN AREA OF THE EAGLE ROCK CONTROL CENTER PERIMETER GROUNDS</div> <div>EAGLE ROCK CONTROL CENTER FIREHYDRANT</div> <div>EAGLE ROCK LATERAL INTERCONNECTION REPAIR</div> <div>EAGLE ROCK MAIN BUILDING ROOF REPLACEMENT - STUDY</div> <div>EAGLE ROCK OCC - REHAB CONTROL ROOM</div> <div>EAGLE ROCK OPERATIONS CONTROL CENTER</div> <div>EAGLE ROCK RESIDENCE CONVERSION</div> <div>EAGLE ROCK TOWER AND PUDDINGSTONE SPILLWAY GATES REHABILITATION</div> <div>EAGLE ROCK TOWER SLIDEGATE REHABILITATION</div> <div>EAST INFLUENT CHANNEL REPAIR PROJECT</div>



TABLE 3 CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS
<b>Description</b> <b>Distribution Facilites</b> EAST ORANGE COUNTY FEEDER #2 REPAIR EAST ORANGE COUNTY FEEDER NO. 2 SERVICE CONNECTION A-6 REHABILITATION EAST VALLEY FEEDER VALVE STRUCTURE ELECTRICAL UPGRADE EASTERN AND DESERT REGIONS PLUMBING RETROFIT EASTERN REGION PCCP JOINT MODIFICATION 2012 E-DISCOVERY STORAGE MANAGEMENT SYSTEM UPGRADE ELECTRIC CURRENT DRAIN STATION INSTALLATIONS ELECTRICAL UPGRADES AT 15 STRUCTURES, OC REGION ELECTROMAGNETIC INSPECTIONS OF PCCP LINES ELECTRONIC SYSTEM LOG (ESL) ENERGY MANAGEMENT SYSTEM - PHASE 2 ENHANCED DISTRIBUTION SYSTEM AUTOMATIC FLOW TRANSFERS SOFTWARE REDEVELOPMENT ENHANCED DISTRIBUTION SYSTEM AUTOMATION PHASE I ENHANCED DISTRIBUTION SYSTEM AUTOMATION PHASE II ENVIRONMENTAL REGULATORY AGREEMENTS AND OTHER REGULATORY AGENCY EQUIPMENT UPGRADE AT THE NORTH PORTAL OF THE HOLLYWOOD TUNNEL ETIWANDA / RIALTO PIPELINE INTER-TIE CATHODIC PROTECTION ETIWANDA CAVITATION FACILITY INFRASTRUCTURE REHABILITATION ETIWANDA CAVITATION TEST FACILITY COMMUNICATION AND CONTROL SYSTEM REPLACEMENT ETIWANDA HEP NEEDLE VALVE OPERATORS ETIWANDA PIPELINE - LINING REPLACEMENT ETIWANDA PIPELINE AND CONTROL FACILITY - RIGHT OF WAY ETIWANDA PIPELINE AND CONTROL FACILITY - AS BUILTS ETIWANDA PIPELINE AND CONTROL FACILITY - CATHODIC PROTECTION ETIWANDA PIPELINE AND CONTROL FACILITY - EMERGENCY DISCHARGE CONDUITS ETIWANDA PIPELINE AND CONTROL FACILITY - LANDSCAPING AND IRRIGATION ETIWANDA PIPELINE AND CONTROL FACILITY - RESIDENCES ETIWANDA PIPELINE AND CONTROL FACILITY - RIALTO FEEDER TO UPPER PIPELINE ETIWANDA PIPELINE LINING REPAIRS ETIWANDA PIPELINE LINING REPLACEMENT ETIWANDA RESERVOIR - EXTEND OUTLET STRUCTURE FACILITY AND PROCESS RELIABILITY ASSESSMENT FAIRPLEX AND WALNUT PCS VALVES REPLACEMENT FILTER ISOLATION GATE AND BACKWASH CONTROL WEIR COVERS MODULES 1- 6 FLOW METER REPLACEMENT PROJECT FLOWMETER MODIFICATION - LAKE SKINNER INLET, ETIWANDA EFFLUENT & WADSWORTH CROSS CHANNEL FOOTHILL & SEPULVEDA FEEDER PCCP CARBON FIBER JOINT REPAIRS FOOTHILL FEEDER - CASTAIC VALLEY BLOW-OFF VALVES REPLACEMENT FOOTHILL FEEDER ADEN AVE. REHABILITATION FOOTHILL FEEDER CARBON FIBER REPAIR FOOTHILL FEEDER CATHODIC PROTECTION FOOTHILL FEEDER PIPELINE REPLACEMENT PROJECT FOOTHILL FEEDER POWER PLANT EXPANSION FOOTHILL FEEDER REPAIR @ SANTA CLARITA RIVER FOOTHILL FEEDER, CARBON FIBER REPAIRS FOOTHILL HYDROELECTRIC RUNNER REPLACEMENT FOOTHILL PCS - UNINTERRUPTIBLE POWER SOURCE SYSTEMS INSTALLATION FOOTHILL PCS FLOOD PUMP INSTALLATION DESIGN DOCUMENTATION FOOTHILL PCS INTERNAL VALVE LINERS UPGRADE FUTURE SYSTEM RELIABILITY PROGRAM GARVEY RESERVOIR - HYPOCHLORITE FEED SYSTEM GARVEY RESERVOIR - INSTALL HYPOCHLORINATION STATIONS GARVEY RESERVOIR - LOWER ACCESS PAVING ROAD & DRAINS GARVEY RESERVOIR CONTROL VALVES REPLACEMENT GARVEY RESERVOIR HYPOCLORITE FEED SYSTEM GARVEY RESERVOIR SITE DRAINAGE REPAIRS AND MODIFICATIONS GARVEY RESERVOIR SODIUM HYPOCLORITE FEED SYSTEM REHABILITATION GENE & IRON POOLS GENE AIR CONDITIONING SYSTEM REPLACEMENT GENE MESS HALL AIR CONDITIONING UNIT GENE SPARE PARTS WAREHOUSE IMPROVEMENTS GLENDALE 01 SERVICE CONNECTION REHAB GLENDALE-01 SERVICE CONNECION REHABILITATION AND UPGRADE GLENDALE-01 SERVICE CONNECTION REHABILITATION GREG AVE PCS FACILITY REHABILITATION GREG AVENUE CONTROL STRUCTURE VALVE REPLACEMENT GREG AVENUE PCS - PUMP MODIFICATIONS AND NEW CONTROL BUILDING GREG AVENUE PCS CONTROL BUILDING INTERIOR REHABILITATION HINDS GARAGE ASBESTOS SHEETING REPLACEMENT HOLLYWOOD TUNNEL NORTH PORTAL EQUIPMENT UPGRADES HVAC MODIFICATIONS FOR ELECTRICAL SAFETY AND RELIABILITY HYDRAULIC MODELING PROJECT HYDROELECTRIC PLANT CARBON DIOXIDE (CO2) FIRE SUPPRESSION SYSTEM MODIFICATIONS HYDROELECTRIC POWER PLANT (HEP) DISCHARGE ELIMINATION IAS PROJECTS - CPA IAS PROJECTS - DVL-SKINNER IAS PROJECTS - MILLS SUPPLY RELIABILITY INLAND FEEDER AND LAKEVIEW PIPELINE INTERTIE INLAND PCSUST REMOVAL & AST INSTALLATION INSTALL MOTION SENSORS IN NEW EXPANSION INSTALL TEST LEADS AT FOUR LOCATIONS INSULATION JOINT TEST STATIONS INTAKE PUMPING PLANT - UNDER FREQUENCY PROTECTION RELAY UPGRADE IRON MOUNTAIN - TRANSFORMER OIL TANK RELOCATION JENSEN DISTRIBUTION SYSTEM - REPLACEMENT OF AREA CONTROL SYSTEMS - CONTRACT # 1396 JENSEN EGEN UST UPGRADE - LINE LEAK DETECTOR INSTALLATION JENSEN FILTER EFFLUENT TURBIDIMETER RELIABILITY

<div>TABLE 3</div> <div>CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS</div>
<div><b>Description</b></div> <div><b><u>Distribution Facilities</u></b></div> <div> JENSEN FILTRATION PLANT - REPLACE ADMINISTRATION BUILDING AIR CONDITIONING  JENSEN FILTRATION PLANT - ROAD RECONSTRUCTION  JENSEN FLUORIDE TANK REPLACEMENT  LA VERNE FACILITIES - BRIDGEPORT E-2-PATH  LA VERNE FACILITIES - ENERGY CONSERVATION ECM1 - 10  LA VERNE FACILITIES - EXPANSION OF THE SANITARY SEWER  LA VERNE FACILITIES - HAZARDOUS WASTE STORAGE  LA VERNE FACILITIES - MAIN TRANSFORMERS REPLACEMENT  LA VERNE FACILITIES - MATERIALS TESTING LABORATORY  LA VERNE FACILITIES - REPLACEMENT OF FLOCCULATOR STUB SHAFT - BASINS 1 &amp; 2  LA VERNE MACHINE SHOP - AIR CONDITIONING UNIT REPLACEMENT  LA VERNE MACHINE SHOP - REPAIR HORIZONTAL BORING MILL  LA-35 DISCHARGE STRUCTURE REPAIRS  LAKE MATHEWS - CONSTRUCTION OF BACKUP COMPUTER FACILITIES  LAKE MATHEWS - DIVERSION TUNNEL WALKWAY REPAIR  LAKE MATHEWS - FACILITY WIDE EMERGENCY WARNING AND PAGING SYSTEM  LAKE MATHEWS - FOREBAY MCC ROOF IMPROVEMENT  LAKE MATHEWS - MAIN DAM TOE SEEPAGE COLLECTION  LAKE MATHEWS - MULTIPLE SPECIES MANAGER'S OFFICE &amp; RESIDENCE  LAKE MATHEWS - RENOVATION OF BLDGS. 8 &amp; 15, GENERAL ASSEMBLY &amp; ADMIN. BLDG. OFFICE AREAS  LAKE MATHEWS - RETROFIT LOWER ENTRANCE GATE SWING ARM  LAKE MATHEWS FENCING SECURITY UPGRADE  LAKE MATHEWS FOREBAY MCC ROOF IMPROVEMENT  LAKE MATHEWS MAIN DAM TOE SEEPAGE COLLECTION  LAKE MATHEWS RETROFIT LOWER ENTRANCE GATE SWING ARM  LAKE PERRIS BYPASS PIPELINE EXPLORATION  LAKE PERRIS BYPASS PIPELINE RELINING  LAKE PERRIS EMERGENCY STANDBY GENERATOR AND TRANSFER SWITCH REPLACEMENT  LAKE SKINNER - AERATOR AIR COMPRESSOR REPLACEMENT  LAKE SKINNER - OUTLET TOWER VALVE REHABILITATION  LAKE SKINNER - REPLACEMENT AERATOR RING  LAKE SKINNER AERATOR AIR COMPRESSOR REPLACEMENT  LAKE SKINNER AREA DISTRIBUTION SYSTEM VALVE REPLACEMENT  LAKE SKINNER DAM ROAD REHAB  LAKE SKINNER EAST BYPASS SCREENING STRUCTURES  LAKE SKINNER OUTLET TOWER CHLORINE SYSTEM MODIFICATION  LAKE SKINNER WEST BYPASS SCREENING STRUCTURE  LAKE SKINNER WEST BYPASS SCREENING STRUCTURE REHABILITATION  LAKE VIEW PIPE LINE REPAIRS  LAKEVIEW PIPELINE - REPLACE VACUUM/AIR RELEASE  LAKEVIEW PIPELINE CATHODIC PROTECTION SYSTEM  LAKEVIEW PIPELINE RELINING  LAKEVIEW PIPELINE REPAIR  LAKEVIEW PIPELINE UPGRADE  LIVE OAK RESERVOIR BYPASS PIPELINE CATHODIC PROTECTION  LOWER FEEDER - CATHODIC PROTECTION  LOWER FEEDER WR 33 - AREA REPAIR AND REMEDIATION  MAGAZINE CANYON CANOPY  MAGAZINE CANYON-ISOLATION GATE JACKING FRAME  MAPES LAND ACQUISITION  MICROWAVE COMMUNICATION SITES BUILDING UPGRADE  MIDDLE CROSS FEEDER CATHODIC PROTECTION  MIDDLE FEEDER - CATHODIC PROTECTION SYSTEMS  MIDDLE FEEDER - NORTH CATHODIC PROTECTION SYSTEM  MIDDLE FEEDER BLOW-OFF VALVE REPLACEMENT AT STA 782+53.16  MIDDLE FEEDER NORTH CATHODIC PROTECTION SYSTEM  MIDDLE FEEDER RELOCATION FOR SCE MESA SUBSTATION  MILLS FILTRATION PLANT - INVESTIGATION TO RELOCATE ACCESS ROAD  MINOR CAP 08/09 PLACEHOLDER  MINOR CAP FY 2009/10  MINOR CAP FY 2012/13  MINOR CAP FY 2014/16  MINOR CAPITAL PROJECTS PROGRAM 07/08 - REMAINING FUNDS  MOUNT OLYMPUS TUNNEL COST RIGHT-OF-WAY (ROW)  MWD ROAD GUARDRAIL  NITROGEN STORAGE COMPLIANCE AT DVL, INLAND FEEDER PCS, AND LAKE MATHEWS  NITROGEN STORAGE STUDY  NON PCCP LINES CONDITION INSPECTION AND ASSESSMENT  NORTH PORTAL OF HOLLYWOOD TUNNEL  NORTH REACH CONSTRUCTION / INSPECTION / CM  NORTH REACH CONSTRUCTION/ASBUILT  NORTH REACH ENVIRONMENTAL - CONSTRUCTION  NORTH REACH FINAL DESIGN &amp; ADV/NTP  NORTH REACH POST DESIGN / ASBUILT  NORTH REACH PROGRAM MANAGEMENT - CONSTRUCTION  NORTHERN PIPELINE ENVIRONMENTAL FINAL DESIGN  NORTHERN PIPELINE RIGHT OF WAY FINAL DESIGN  OAK ST. PCS ROOF REPLACEMENT  OAK STREET PRESSURE CONTROL STRUCTURE ROOF REPLACEMENT - CONSTRUCTION  OC 44 SERVICE CONNECTIONS &amp; EOC#2 METER ACCESS ROAD REHAB  OC FEEDER STA 1920+78 BLOWOFF STRUCTURE &amp; RIP-RAP REPAIRS  OC RESERVOIR SODIUM HYPOCHLORITE PUMP AND PIPING REPLACEMENT  OC-71 FLOW CONTROL FACILITY  OC-88 - SECURITY FENCING AT PUMP PLANT  OC-88 EMERGENCY STANDBY GENERATOR UPGRADE STUDY  OC-88 PUMP PLANT AIR COMPRESSOR UPGRADE  OC-88 PUMP STATION FLOW METER UPGRADE  OC-88 PUMPING PLANT SURGE TANKS UPGRADES  OC-88 PUMPING PLANT UPGRADES  OLINDA PCS AND SANTIAGO TOWER EMERGENCY GENERATORS  OLINDA PCS VALVE REPLACEMENT  OLINDA PRESSURE CONTROL STRUCTURE  OLINDA PRESSURE CONTROL STRUCTURE AND SANTIAGO TOWER EMERGENCY GENERATORS </div>

<div>TABLE 3</div> <div>CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS</div>
<div> <div>Description</div> <div>Distribution Facilites</div> <div> ON-CALL RESOURCES MANAGEMENT APPLICATION  OPERATIONS CONTROL CENTER AT EAGLE ROCK  OPERATIONS CONTROL CENTER UPS REPLACEMENT  OPERATIONS SCOPING STUDY  ORANGE CO FDR, BLOW-OFF STRUCTURE AND ACCESS ROAD REPAIR  ORANGE COUNTY - 88 PUMP PLANT AIR COMPRESSOR UPGRADE  ORANGE COUNTY - 88 SECURITY FENCING AT PUMP PLANT  ORANGE COUNTY AREA DISTRIBUTION SYSTEM VALVE REPLACEMENT  ORANGE COUNTY C &amp; D ELECTRICAL IMPROVEMENTS - STUDY  ORANGE COUNTY C&amp;D INSTRUMENTATION PANEL IMPROVEMENTS  ORANGE COUNTY C&amp;D TEAM SUPPORT FACILITY  ORANGE COUNTY CONVEYANCE AND DISTRIBUTION SERVICE CENTER  ORANGE COUNTY FEEDER CATHODIC PROTECTION  ORANGE COUNTY FEEDER CATHODIC PROTECTION SYSTEM REHABILITATION  ORANGE COUNTY FEEDER EXTENSION LINING REPAIR  ORANGE COUNTY FEEDER INSPECTION  ORANGE COUNTY FEEDER INTERNAL INSPECTION STUDY  ORANGE COUNTY FEEDER LINING REPAIRS  ORANGE COUNTY FEEDER PRESSURE CONTROL STRUCTURES  ORANGE COUNTY FEEDER RELINING  ORANGE COUNTY FEEDER RELOCATION IN FULLERTON  ORANGE COUNTY FEEDER SCHEDULE 37SC CATHODIC PROTECTION  ORANGE COUNTY FEEDER STA 1920+78 BLOWOFF STRUCTURE &amp; RIP-RAP REPAIRS  ORANGE COUNTY REGION ENVIRONMENTAL MITIGATION MONITORING  ORANGE COUNTY RESERVOIR - INSTALL HYPOCHLORINATION STATIONS  ORANGE COUNTY RESERVOIR - PIEZOMETERS &amp; SEEPAGE MONITORING AUTOMATION  OXIDATION DEMONSTRATION PLANT CONTROL SYSTEM REPLACEMENT  PALOS ALTOS FEEDER - 108TH ST.  PALOS VERDES FEEDER - LONG BEACH LATERAL TURNOUT STRUCTURES STA. 1442+15 VALVE REPLACEMENTS  PALOS VERDES FEEDER PCS - VALVE REPLACEMENT  PALOS VERDES RESERVOIR - INSTALL HYPOCHLORINATION STATIONS  PC-1 EFFLUENT OPEN CHANNEL TRASH RACK  PC-1 EFFLUENT OPEN CHANNEL TRASH RACK PROJECT  PCCP HYDRAULIC ANALYSES  PCCP REHABILITATION - PROGRAM MANAGEMENT  PERIMETER FENCING AT PLACERITA CREEK  PERMANENT LEAK DETECTION/PIPELINE MONITORING SYSTEM  PERRIS PCS - UNINTERRUPTIBLE POWER SOURCE SYSTEMS INSTALLATION  PERRIS CONTROL FACILITY BYPASS &amp; PCS UPGRADE  PERRIS PCS ROOF REHAB  PERRIS PRESSURE CONTROL STRUCTURE ROOF REPLACEMENT  PERRIS PUMPBACK COVER  PERRIS VALLEY PIPELINE - DESIGN-BUILD (EMWD)  PERRIS VALLEY PIPELINE - GENERAL  PERRIS VALLEY PIPELINE - NORTH REACH  PERRIS VALLEY PIPELINE - RESERVED FOR STAGE II DESIGN / BUILD  PERRIS VALLEY PIPELINE - SOUTH REACH  PERRIS VALLEY PIPELINE - STUDY  PERRIS VALLEY PIPELINE - TIE-IN (WMWD)  PERRIS VALLEY PIPELINE - TUNNELS  PERRIS VALLEY PIPELINE - VALVES  PERRIS VALLEY PIPELINE DESIGN-BUILD (EMWD)  PERRIS VALLEY PIPELINE NORTH REACH  PERRIS VALLEY PIPELINE SOUTH REACH  PERRIS VALLEY PIPELINE TIE-IN (WMWD)  PERRIS VALLEY PIPELINE VALVES  PLACENTIA RAILROAD LOWERING PROJECT  PLACERITA CREEK PERIMETER FENCING  PLANT INFLUENT REDUNDANT FLOW METERING AND SPLITTING  PLC REPLACEMENT PHASE II  PRESTRESSED CONCRETE CYLINDER PIPE - PHASE 2  PRESTRESSED CONCRETE CYLINDER PIPE (PCCP) STRUCTURAL PEFORMANCE RISK ANALYSIS  PRESTRESSED CONCRETE CYLINDER PIPE -PHASE 3  PROGRAMATTIC ENVIRONMENTAL DOCUMENTATION OF ORANGE COUNTY  PROGRAMATTIC ENVIRONMENTAL DOCUMENTATION OF SAN BERNARDINO COUNTY  PROGRAMMABLE LOGIC CONTROLLER (PLC) STANDARDIZATION  PROGRAMMATIC ENVIRONMENTAL DOCUMENTATION FOR THE LOS ANGELES CO. OPERATING REGION  PROGRAMMATIC ENVIRONMENTAL DOCUMENTATION FOR THE ORANGE COUNTY OPERATING REGION  PROGRAMMATIC ENVIRONMENTAL DOCUMENTATION FOR THE RIVERSIDE/SAN DIEGO CO. OPERATING REGION  PROGRAMMATIC ENVIRONMENTAL DOCUMENTATION FOR THE WESTERN SAN BERNARDINO COUNTY OPERATING REGION  PUDDINGSTONE SPILLWAY CROSS CONNECTION  PV RESERVOIR HYPOCHLORITE PUMP AND PIPING REPLACEMENT  R&amp;R FOR DISTRIBUTION  REAL PROPERTY ACQUISITION  RED MOUNTAIN - OCT. 2007 FIRE DAMAGE - COMMUNICATION POWER TOWERS &amp; METER STRUCTURES REPAIR/REPLACE (INCIDENT NO. 2007-1023-0271)  RED MOUNTAIN HEP FLOOD DAMAGE  RED MTN COMM. TOWER &amp; METER STRUCTURE  REHABILITATION OF THE GREG AVE PCS CONTROL BUILDING INTERIOR  RELOCATION OF ORANGE COUNTY FEEDER  RELOCATION OF PORTION OF ORANGE COUNTY FEEDER (MWD'S SHARE)  REMAINING PORTIONS  REPAIRS TO THE LA-35 DISCHARGE STRUCTURE  REPLACE 2 FIRE &amp; DOMESTIC WATER SYSTEM  REPLACE COMMUNICATION LINE TO THE SAN GABRIEL CONTROL TOWER  REPLACE COPPER GROUNDWIRES ON DESERT HIGH VOLTAGE TRANSMISSION TOWERS  REPLACE VALVE POSITION INDICATORS  REPLACEMENT OF COMMUNICATION LINE AT SAN GABRIEL TOWER  REPLACEMENT/ RELINE AT-RISK PCCP LINES - STAGE 1  RIALTO FEEDER BROKEN BACK REPAIR  RIALTO FEEDER VALVE STRUCTURE  RIALTO FEEDER, REPAIRS AT SELECT LOCATIONS, STUDY  RIALTO PIPELINE - CONSTRUCTION PHASE 1  RIALTO PIPELINE - CONSTRUCTION PHASE 2  RIALTO PIPELINE IMPROVEMENTS  RIALTO PIPELINE IMPROVEMENTS - CONSTRUCTION </div> </div>

<div>TABLE 3</div> <div>CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS</div>	
<b>Description</b>	
<b><u>Distribution Facilities</u></b>	
RIALTO PIPELINE IMPROVEMENTS - CONSTRUCTION PHASE III	
RIALTO PIPELINE IMPROVEMENTS - DESIGN PHASE 2	
RIALTO PIPELINE IMPROVEMENTS - DESIGN PHASE 3	
RIALTO PIPELINE IMPROVEMENTS - FINAL DESIGN	
RIALTO PIPELINE IMPROVEMENTS - VALVE PROCUREMENT	
RIALTO PIPELINE IMPROVEMENTS PHASE 1 FINAL DESIGN	
RIALTO PIPELINE PCCP REHABILITATION	
RIALTO PIPELINE REPAIR @ STA 3196+44	
RIALTO PIPELINE REPAIR AT THOMPSON CREEK	
RIALTO PIPELINE REPAIRS AT STATION 3198+44	
RIALTO PIPELINE VALVE PROCUREMENT	
RIGHT OF WAY INFRASTRUCTURE PROTECTION PROGRAM - LOS ANGELES COUNTY REGION	
RIGHT OF WAY INFRASTRUCTURE PROTECTION PROGRAM - O. C. REGION	
RIGHT OF WAY INFRASTRUCTURE PROTECTION PROGRAM - RIVERSIDE AND SAN DIEGO COUNTY REGION	
RIGHT OF WAY INFRASTRUCTURE PROTECTION PROGRAM - WESTERN SAN BERNARDINO COUNTY REGION	
RIGHT OF WAY SURVEY AND MAPPING	
RIO HONDO PRESSURE CONTROL STRUCTURE VALVE REPLACEMENTS	
ROBERT B. DIEMER FILTRATION PLANT - LAND ACQUISITION	
ROOF REPLACEMENT AT SOTO ST. FACILITY	
SAN DIEGO #3 BLOWOFF TO PUMPWELL CONVERSION	
SAN DIEGO CANAL - EAST & WEST BYPASS SCREENING STRUCTURES STUDY	
SAN DIEGO CANAL - ELECTRICAL VAULT & CONDUCTOR REPLACEMENT	
SAN DIEGO CANAL - FENCING	
SAN DIEGO CANAL - INSTALL ACOUSTIC FLOW METER	
SAN DIEGO CANAL - PIEZOMETER	
SAN DIEGO CANAL - REPLACE SODIUM BISULFATE TANK	
SAN DIEGO CANAL - SEEPAGE STUDY	
SAN DIEGO CANAL BISULFITE TANK REPLACEMENT	
SAN DIEGO CANAL LINER REPAIR	
SAN DIEGO CANAL RADIAL GATE (V0-6) REHABILITATION	
SAN DIEGO CANAL RADIAL GATE (VO-8) REHABILITATION	
SAN DIEGO CANAL RADIAL GATE REHAB	
SAN DIEGO CANAL SEEPAGE STUDY	
SAN DIEGO CANAL WEST BYPASS TRASH RACK	
SAN DIEGO PIPELINE #4 VALVE REPLACEMENT	
SAN DIEGO PIPELINE 1 BLOW-OFF VALVE REPLACEMENT	
SAN DIEGO PIPELINE 3 & 5 REMOTE CONTROL OF BYPASS	
SAN DIEGO PIPELINE 4 AND AULD VALLEY PIPELINE CARBON FIBER REPAIRS	
SAN DIEGO PIPELINE 5 & LAKE SKINNER OUTLET REPAIR	
SAN DIEGO PIPELINE 6 - PRESSURE CONTROL STRUCTURE/HYDROELECTRIC PLANT - FEASIBILITY STUDY	
SAN DIEGO PIPELINE 6 NORTH REACH, ENVIRONMENTAL MONITORING DURING CONSTRUCTION	
SAN DIEGO PIPELINE NO. 1 JOINT REPAIR	
SAN DIEGO PIPELINE NO. 3 BYPASS	
SAN DIEGO PIPELINE NO. 3 PIPING MODIFICATIONS	
SAN DIEGO PIPELINE NO. 5 - OCT. 2007 FIRE DAMAGE - REPLACE ABOVE GROUND CORROSION CONTROL SYSTEM EQUIPMENT, AND STRUCTURAL APPURTENANCES	
SAN DIEGO PIPELINE NO. 6 - RIVERSIDE BRANCH - ETIWANDA FACILITY/DROP INLET STRUCTURE	
SAN DIEGO PIPELINE NO. 6 - RIVERSIDE BRANCH - PLEASANT PEAK, COMMUNICATIONS	
SAN DIEGO PIPELINE NO. 6 - RIVERSIDE TUNNEL CONSTRUCTION - AS BUILT	
SAN DIEGO PIPELINE NO. 6 - RIVERSIDE TUNNEL COST OF RIGHT OF WAY (OPTIONAL PORTAL SITE)	
SAN DIEGO PIPELINE NO. 6 - RIVERSIDE TUNNEL ENVIRONMENTAL CONSTRUCTION	
SAN DIEGO PIPELINE NO. 6 - RIVERSIDE TUNNEL ENVIRONMENTAL PRELIMINARY DESIGN	
SAN DIEGO PIPELINE NO. 6 - RIVERSIDE TUNNEL PRELIMINARY DESIGN	
SAN DIEGO PIPELINE NO. 6 - RIVERSIDE TUNNEL PROGRAM MANAGEMENT	
SAN DIEGO PIPELINE NO. 6 - RIVERSIDE TUNNEL RIGHT OF WAY PRELIMINARY DESIGN	
SAN DIEGO PIPELINE NO. 6 - CONTRACT NO.1 SAN DIEGO CANAL TO MOUNT OLYMPUS	
SAN DIEGO PIPELINE NO. 6 - CONTRACT NO.2 MOUNT OLYMPUS TUNNEL & PORTALS	
SAN DIEGO PIPELINE NO. 6 - NORTH REACH CONSTRUCTION - AS BUILT	
SAN DIEGO PIPELINE NO. 6 - NORTH REACH ENVIRONMENTAL - CONSTRUCTION	
SAN DIEGO PIPELINE NO. 6 - NORTH REACH ENVIRONMENTAL PRELIMINARY DESIGN	
SAN DIEGO PIPELINE NO. 6 - NORTH REACH FINAL DESIGN & ADV/NTP	
SAN DIEGO PIPELINE NO. 6 - NORTH REACH POST DESIGN	
SAN DIEGO PIPELINE NO. 6 - NORTH REACH PRELIMINARY DESIGN	
SAN DIEGO PIPELINE NO. 6 - NORTH REACH PROGRAM MANAGEMENT - CONSTRUCTION	
SAN DIEGO PIPELINE NO. 6 - NORTH REACH PROGRAM MANAGEMENT - DESIGN	
SAN DIEGO PIPELINE NO. 6 - NORTH REACH RIGHT OF WAY FINAL DESIGN	
SAN DIEGO PIPELINE NO. 6 - NORTH REACH RIGHT OF WAY PRELIMINARY DESIGN	
SAN DIEGO PIPELINE NO. 6 - NORTHERN PIPELINE COST OF RIGHT OF WAY	
SAN DIEGO PIPELINE NO. 6 - NORTHERN REACH ENVIRONMENTAL FINAL DESIGN	
SAN DIEGO PIPELINE NO. 6 - OPERATIONS SCOPING STUDY	
SAN DIEGO PIPELINE NO. 6 - PIPELINE/TUNNEL STUDY - DESIGN	
SAN DIEGO PIPELINE NO. 6 - PIPELINE/TUNNEL STUDY - ENVIRONMENTAL	
SAN DIEGO PIPELINE NO. 6 - PIPELINE/TUNNEL STUDY - PROJECT MANAGEMENT	
SAN DIEGO PIPELINE NO. 6 - PIPELINE/TUNNEL STUDY - RIGHT OF WAY	
SAN DIEGO PIPELINE NO. 6 - PROJECT MANAGEMENT	
SAN DIEGO PIPELINE NO. 6 - RIGHT OF WAY	
SAN DIEGO PIPELINE NO. 6 - SOUTH REACH - PROGRAM MANAGEMENT	
SAN DIEGO PIPELINE NO. 6 - SOUTH REACH / TUNNEL STUDY	
SAN DIEGO PIPELINE NO. 6 - SOUTH REACH CONSTRUCTION / AS BUILT	
SAN DIEGO PIPELINE NO. 6 - SOUTH REACH COST OF RIGHT OF WAY	
SAN DIEGO PIPELINE NO. 6 - SOUTH REACH ENVIRONMENTAL - CONSTRUCTION	
SAN DIEGO PIPELINE NO. 6 - SOUTH REACH ENVIRONMENTAL FINAL DESIGN	
SAN DIEGO PIPELINE NO. 6 - SOUTH REACH ENVIRONMENTAL PRELIMINARY DESIGN	
SAN DIEGO PIPELINE NO. 6 - SOUTH REACH FINAL DESIGN/ADV	
SAN DIEGO PIPELINE NO. 6 - SOUTH REACH PRELIMINARY DESIGN	
SAN DIEGO PIPELINE NO. 6 - SOUTH REACH RIGHT OF WAY FINAL DESIGN	
SAN DIEGO PIPELINE NO. 6 - SOUTH REACH RIGHT OF WAY PRELIMINARY DESIGN	
SAN DIEGO PIPELINE NO. 6 - SOUTH REACH TUNNEL ALIGNMENT ANALYSIS	
SAN DIEGO PIPELINE NO. 6 AREA STUDY	
SAN DIEGO PIPELINE NO. 6 ENVIRONMENTAL MITIGATION	
SAN DIEGO PIPELINE NO.4 & AULD VALLEY PIPELINE CARBON FIBER REPAIR STUDY	
SAN DIEGO PIPELINE NOS. 1AND 3 - VALVE REPLACEMENT	
SAN DIMAS AND RED MOUNTAIN POWER PLANTS STANDBY DIESEL ENGINE GENERATOR REPLACEMENTS	
SAN DIMAS CONTROL STRUCTURE 500 GALLONS DIESEL TANK REPLACEMENT	
SAN DIMAS HEP BATTERY BANK AND GENERATOR BREAKER	
SAN DIMAS PCS - UNINTERRUPTIBLE POWER SOURCE SYSTEMS INSTALLATION	
SAN FRANCISQUITO PIPELINE BLOW OFF STRUCTURE, STA 287+70, ACCESS ROAD CONSTRUCTION	
SAN GABRIEL TOWER AND SPILLWAY IMPROVEMENTS	

<div>TABLE 3</div> <div>CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS</div>
<div>Description</div> <div>Distribution Facilites</div> <div> <div>SAN GABRIEL TOWER SEISMIC UPGRADE</div> <div>SAN GABRIEL TOWER SLIDE GATE REHABILITATION</div> <div>SAN JACINTO #1 AND #2 CASA LOMA FAULT CROSSING STRUCTURE UPGRADE</div> <div>SAN JACINTO DIVERSION STRUCTURE SLIDE GATE V-03 REPLACEMENT</div> <div>SAN JOAQUIN RELIEF STRUCTURE FOR EASTERN ORANGE COUNTY FEEDER #2</div> <div>SAN JOAQUIN RELIEF STRUCTURE FOR EASTR OC FDR #2</div> <div>SAN JOAQUIN RESERVOIR, INSTALL BULKHEAD</div> <div>SANTA ANA RIVER BRIDGE EXPANSION JOINT REPLACEMENT</div> <div>SANTA ANA RIVER BRIDGE SEISMIC RETROFIT</div> <div>SANTA ANA RIVER BRIDGE SEISMIC UPGRADE</div> <div>SANTA MONICA FEEDER RELOCATION</div> <div>SANTA MONICA FEEDER STATION 495+10 REHABILITATION</div> <div>SANTIAGO CONTROL TOWER CATHODIC PROTECTION</div> <div>SANTIAGO LATERAL REPLACE MOTOR - OPERATED VALVE</div> <div>SANTIAGO LATERAL SECTIONALIZATION VALVE REPLACEMENT</div> <div>SANTIAGO LATERAL STA 216+40 BUTTERFLY VALVE REPLACEMENT</div> <div>SANTIAGO PRESSURE CONTROL STRUCTURE</div> <div>SANTIAGO TOWER ACCESS ROAD IMPROVEMENT</div> <div>SCADA COMMUNICATIONS MPLS UPGRADE - AT&amp;T REGION (MINOR CAP)</div> <div>SCADA COMMUNICATIONS MPLS UPGRADE - VERIZON REGION (MINOR CAP)</div> <div>SCADA SYSTEM HARDWARE UPGRADE</div> <div>SCADA SYSTEM NT SOFTWARE UPGRADE</div> <div>SCADA SYSTEM SUPPORT PROGRAMS</div> <div>SD AND CASA LOMA CANALS LINING</div> <div>SD CANAL EAST &amp; WEST BYPASS SCREENING STRUCTURES STUDY</div> <div>SD CANAL REPLACE SODIUM BISULFITE TANK</div> <div>SD PIPELINE 3 CULVERT ROAD REHAB</div> <div>SD PIPELINE 3,4, AND 5 PROTECTIVE COVER</div> <div>SD PIPELINE 4 EXPLORATORY EXCAVATION</div> <div>SD PIPELINE 5 EXPLORATOTY EXCAVATION</div> <div>SD PIPELINES 3 AND 5 REMOTE CONTROL BYPASS STRUCTURE GATES AND ISOLATION VALVES</div> <div>SECOND LOWER &amp; SEPULVEDA FEEDERS SCI DRAIN STATIONS</div> <div>SECOND LOWER CROSS FEEDER - VALVE PROCUREMENT</div> <div>SECOND LOWER CROSS FEEDER CONSTRUCTION</div> <div>SECOND LOWER CROSS FEEDER FINAL DESIGN</div> <div>SECOND LOWER FEEDER - INSTALL LINER</div> <div>SECOND LOWER FEEDER CATHODIC PROTECTION SYSTEM</div> <div>SECOND LOWER FEEDER CURRENT MITIGATION REFURBISHMENT</div> <div>SECOND LOWER FEEDER PCCP REHABILITATION</div> <div>SECOND LOWER FEEDER PCCP REPAIRS</div> <div>SECOND LOWER FEEDER RELIABILITY AT 3 LOCATIONS - SEISMIC STUDY</div> <div>SEISMIC UPGRADE OF 11 FACILITIES ON THE ALLEN MCCOLLOCH PIPELINE</div> <div>SEISMIC UPGRADES AT 10 SERVICE CONNECTION STRUCTURES ALONG AMP</div> <div>SELECTED PRESSURE REPLACE VALVE POSITION INDICATORS</div> <div>SEPULVEDA CANYON CONTROL FACILITY BYPASS PROJECT</div> <div>SEPULVEDA CANYON CONTROL FACILITY WATER STORAGE TANKS SEISMIC UPGRADE</div> <div>SEPULVEDA CANYON POWER PLANT TAIL RACE COATINGS</div> <div>SEPULVEDA CANYON TANKS EXTERIOR AND INTERIOR RECOATING</div> <div>SEPULVEDA FEEDER - CARBON FIBER LINER REPAIRS</div> <div>SEPULVEDA FEEDER CATHODIC PROTECTION SYSTEM</div> <div>SEPULVEDA FEEDER CORROSION/INTERFERENCE MITIGATION, STATION 950+00 TO 1170+00</div> <div>SEPULVEDA FEEDER HEP AUTO PILOT</div> <div>SEPULVEDA FEEDER PCCP DEL AMO BLVD URGENT RELINING</div> <div>SEPULVEDA FEEDER REPAIRS AT 3 SITES</div> <div>SEPULVEDA FEEDER SOUTH CATHODIC PROTECTION SYSTEM</div> <div>SEPULVEDA FEEDER STATION 2002+02 TO 2273+28 STRAY CURRENT INTERFERENCE MITIGATION</div> <div>SEPULVEDA FEEDER STRAY CURRENT MITIGATION REFURBISHMENT</div> <div>SEPULVEDA FEEDER/EAST VALLEY FEEDER INTERCONNECTION ELECTRICAL UPGRADES</div> <div>SEPULVEDA PCS - PERIMETER ASPHALT REPAIRS</div> <div>SEPULVEDA PIPELINE PCCP REHABILITATION</div> <div>SEPULVEDA-WEST BASIN INTERCONNECTION VALVE REPLACEMENTS</div> <div>SERVICE CONNECTION LV-01 UPGRADES</div> <div>SERVICE CONNECTION OC-26 - RELOCATION OF METER CABINET, INSTRUMENT HOUSING &amp; AIR VENT STACK</div> <div>SERVICE CONNECTION WB13 - WEST BASIN FEEDER</div> <div>SERVICE CONNECTIONS CB-12 &amp; CB-16 TURNOUT VALVE REPLACEMENT &amp; ELECTRICAL UPGRADE</div> <div>SERVICE CONNECTIONS WB-2A AND WB-2B EQUIPMENT RELOCATION</div> <div>SIMULATION AND MODELING APPLICATION FOR REAL TIME OPERATIONS SMART OPS</div> <div>SITE 3 SECOND LOWER FEEDER URGENT REPAIRS - FINAL DESIGN</div> <div>SITES 1 &amp; 2 SECOND LOWER FEEDER URGENT REPAIRS - FINAL DESIGN &amp; PIPE FABRICATION</div> <div>SKINNER ACCUSONIC FLOWMETER REPLACEMENT</div> <div>SKINNER BRANCH - AIR INJECTION MODIFICATIONS TO RED MOUNTAIN POWER PLANT</div> <div>SKINNER BRANCH - CASA LOMA CANAL</div> <div>SKINNER BRANCH - CASA LOMA SIPHON BARREL ONE</div> </div>

<div>TABLE 3</div> <div>CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS</div>	
<b>Description</b>	
<b><u>Distribution Facilites</u></b>	
SKINNER BRANCH - CATWALK FOR TRAVELING MAINTENANCE BRIDGE FOR	
SKINNER BRANCH - FABRICATE & REPLACE THE STEMS, NUTS & KEYS	
SKINNER BRANCH - REPAIR MODULE 1 AND 2 FLOCCULATORS BRIDGES	
SKINNER DAM REMEDIATION	
SKINNER DISTRIBUTION SYSTEM - CONTRACT # 1396	
SKINNER ELECTRICAL BUILDING HVAC UPGRADE	
SKINNER FACILITY AREA PAVING	
SKINNER FILTRATION PLANT - ELEVATED SLAB IN SERVICE BLDG 1	
SKINNER HELIPAD REHAB	
SKINNER REPLACEMENT FOR WETCELL BATTERY AND INVERTER	
SKINNER SCADA SERVERS RELOCATION	
SMART-OPS (FORMERLY RTOS)	
SOTO STREET FACILITY - BUILDING SEISMIC UPGRADE	
SOTO STREET FACILITY - REPLACE HEATING	
SOTO STREET FACILITY - ROOF REPLACEMENT	
SOUTH COUNTY PIPELINE PROTECTION AT SAN JUAN CREEK CROSSING	
SOUTH REACH / TUNNEL STUDY	
SOUTH REACH CONSTRUCTION/ASBUILT - FUTURE UNAPPROPRIATED	
SOUTH REACH DESIGN - FUTURE/UNAPPROPRIATED	
SOUTH REACH ENVIRONMENTAL - FUTURE/UNAPPROPRIATED	
SOUTH REACH FEASIBILITY STUDY	
SOUTH REACH PROJECT MANAGEMENT - FUTURE/UNAPPROPRIATED	
SOUTH REACH RIGHT OF WAY - FUTURE/UNAPPROPRIATED	
SPECIAL SERVICE BRANCH - REPLACE PLATE BENDING	
ST. JOHN'S CANYON CHANNEL EROSION MITIGATION	
SYSTEM RELIABILITY PROGRAM	
SYSTEM-WIDE ASPHALT REPLACEMENT	
TEMESCAL POWER PLANT REPLACE EMERGENCY GENERATOR	
TREATED WATER CROSS CONNECTION PREVENTION - FINAL DESIGN & CONSTRUCTION	
TREATED WATER CROSS CONNECTION PREVENTION - UNFUNDED WORK	
TWO-WAY RADIO ENHANCEMENT - EMERGENCY SERVICES, FIRE CONTROL, EVACUATION & BLDG. MAINT.	
TWO-WAY RADIO ENHANCEMENT FOR EMERGENCY SERVICES, FIRE CONTROL, EVACUATION AND BLDG. MAINTENANCE	
UNDER GROUND STORAGE TANK DISPENSER SPILL CONTAINMENT & REMEDIATION	
UNION STATION TWO-WAY RADIO ENHANCEMENT FOR EMERGENCY SERVICES, FIRE CONTROL, EVACUATION AND BUILDING MAINTENANCE	
UPGRADE CATHODIC PROTECTION RECTIFIERS	
UPGRADE HOLLYWOOD TUNNEL PORTAL SLEEVE VALVE EQUIPMENT	
UPGRADE SUNSET GARAGE	
UPPER FEEDER - SANTA ANA RIVER BRIDGE REPAIRS	
UPPER FEEDER - STRUCTURAL PROTECTION	
UPPER FEEDER AIR ENTRAINMENT	
UPPER FEEDER CATHODIC PROTECTION SYSTEM	
UPPER FEEDER GATE REHABILITATION	
UPPER FEEDER JUNCTION STRUCTURE SEISMIC UPGRADE	
UPPER FEEDER SANTA ANA RIVER DISCHARGE PAD	
UPPER FEEDER SERVICE CONNECTIONS UPGRADES	
UPPER NEWPORT BAY BLOW-OFF STRUCTURE REHABILITATION	
UPS SYSTEMS INSTALLATION AT FOOTHILL PCS	
UPS SYSTEMS INSTALLATION AT PERRIS CONTROL STRUCTURE	
UTILITY BUSINESS ARCHITECTURE (OBJECT MAPPING/MODELING)	
VACUUM AIR RELEASE VALVE RELOCATION PILOT PROGRAM	
VALLEY & LOS ANGELES DISTRIBUTION VALVE POSITION DISPLAY UPGRADE	
VALVE PROCUREMENT	
VIDEO CONFERENCE SYSTEM UPGRADE	
VIDEOCONFERENCING UPGRADE	
WADSWORTH PUMPING PLANT - MODIFICATION/REPAIRS OF FIFTY-NINE 6.9KV BREAKERS/CABINETS	
WADSWORTH PUMPING PLANT CONDUIT REPAIR AND PROTECTION	
WADSWORTH PUMPING PLANT CONTROL & PROTECTION UPGRADES	
WADSWORTH PUMPING PLANT FOREBAY GANTRY CRANE UPGRADE	
WADSWORTH PUMPING PLANT RECOATING 144" YARD PIPING	
WADSWORTH PUMPING PLANT SLEEVE VALVE REFURBISHMENT	
WADSWORTH PUMPING PLANT STOP LOGS ADDITION - STUDY	
WADSWORTH PUMPING PLANT YARD PIPING LINING REPLACEMENT	
WADSWORTH/DVL CONTROL & PROTECTION SYSTEM UPGRADE - UPS REPLACEMENT	
WATER DELIVERY SYSTEM AUTOMATION	
WATER PLANNING APPLICATION	
WATER QUALITY - REMOTE MONITORING	
WATER QUALITY LABORATORY BUILDING EXPANSION	
WATER QUALITY MONITORING AND EVENT DETECTION SYSTEM	
WEST COAST FEEDER - CATHODIC PROTECTION SYSTEMS	
WEST OC FEEDER VALVE REPLACEMENT	
WEST ORANGE COUNTY FEEDER OC-09 REHABILITATION	
WEST ORANGE COUNTY FEEDER VALVE REPLACEMENT	
WEST VALLEY AREA STUDY	
WEST VALLEY FEEDER # 1 STAGE 2 VALVE STRUCTURE MODIFICATIONS - CONSTRUCTION	
WEST VALLEY FEEDER NO. 1 - DE SOTO VALVE STRUCTURE IMPROVEMENTS	
WEST VALLEY FEEDER NO. 1 ACCESS ROADS AND STRUCTURE IMPROVEMENTS (STAGE 2)	
WEST VALLEY FEEDER NO. 1 ACCESS ROADS AND STRUCTURE IMPROVEMENTS (STAGE 3)	
WEST VALLEY FEEDER NO. 1 ACCESS ROADS AND STRUCTURES IMPROVEMENTS	
WEST VALLEY FEEDER NO. 1 VALVE STRUCTURE MODIFICATIONS	
WESTERN REGION PLUMBING RETROFIT	
WESTERN SAN BERNARDINO COUNTY REGION ENVIRONMENTAL MITIGATION MONITORING	
WEYM. PLT/LA VERNE FAC-BACKFLO PREV ASSY	
WEYMOUTH - BUILDING NO. 4 - HAND RAIL AND STAIRS ADDITION	
WEYMOUTH - FLAG POLE AREA LANDSCAPE UPGRADE	
WEYMOUTH ASPHALT REHABILITATION	
WEYMOUTH COMPRESSED AIR SYSTEM	
WEYMOUTH DISTRIBUTION SYSTEM - REPLACEMENT OF AREA CONTROL SYSTEMS - CONTRACT #1396	
WEYMOUTH FLOCCULATOR REHABILITATION	
WEYMOUTH WATER TREATMENT PLANT DOMESTIC AND FIRE WATER SYSTEM IMPROVEMENT	
WFP - ASPHALT REHABILITATION	
WFP - COMPRESSED AIR SYSTEM IMPROVEMENT	
WFP - PURCHASE OF REAL PROPERTY	
WFP - REPAIR TO BLDG # 1	
YORBA LINDA FEEDER - STA 924+11 PORTAL ACCESS	
YORBA LINDA FEEDER BYPASS	
YORBA LINDA PORTAL STRUCTURE ACCESS/TELEGRAPH CREEK BRIDGE	

TABLE 3 CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS	
Description <u>Distribution Facilities</u>	
<i>Sub-total Distribution facilities costs</i>	\$ 76,379,326

TABLE 4							
FISCAL YEAR 2022/23 ESTIMATED READINESS-TO-SERVE CHARGE REVENUE							
Member Agency	Rolling Ten- Year Average Firm Deliveries (Acre-Feet) FY2010/11 - FY2019/20	RTS Share	6 months @ \$140 million per year (7/22- 12/22)	Rolling Ten- Year Average Firm Deliveries (Acre-Feet) FY2011/12 - FY2020/21	RTS Share	6 months @ \$154 million per year (1/23- 6/23)	Total RTS Charge FY 2022/23
Anaheim	17,275.2	1.21%	848,899	19,376.9	1.37%	1,051,617	1,900,516
Beverly Hills	10,355.2	0.73%	508,852	10,308.7	0.73%	559,471	1,068,322
Burbank	13,339.1	0.94%	655,480	13,354.6	0.94%	724,777	1,380,257
Calleguas MWD	96,173.4	6.75%	4,725,935	96,573.4	6.81%	5,241,203	9,967,138
Central Basin MWD	37,402.1	2.63%	1,837,929	34,311.0	2.42%	1,862,116	3,700,045
Compton	522.9	0.04%	25,695	340.2	0.02%	18,463	44,158
Eastern MWD	96,004.3	6.74%	4,717,625	97,570.2	6.88%	5,295,301	10,012,926
Foothill MWD	8,204.3	0.58%	403,157	8,306.1	0.59%	450,786	853,943
Fullerton	7,573.6	0.53%	372,165	7,280.1	0.51%	395,103	767,268
Glendale	16,339.5	1.15%	802,919	16,256.7	1.15%	882,279	1,685,197
Inland Empire Utilities Agency	56,041.5	3.93%	2,753,864	55,761.7	3.93%	3,026,283	5,780,147
Las Virgenes MWD	20,472.7	1.44%	1,006,023	20,715.7	1.46%	1,124,276	2,130,299
Long Beach	29,958.6	2.10%	1,472,157	29,251.8	2.06%	1,587,545	3,059,703
Los Angeles	258,508.9	18.15%	12,703,057	273,537.0	19.28%	14,845,319	27,548,376
Municipal Water District of Orange County	199,974.3	14.04%	9,826,683	195,128.0	13.75%	10,589,929	20,416,612
Pasadena	18,721.0	1.31%	919,945	18,954.2	1.34%	1,028,677	1,948,622
San Diego County Water Authority	232,196.6	16.30%	11,410,078	214,362.4	15.11%	11,633,813	23,043,891
San Fernando	35.6	0.00%	1,749	29.7	0.00%	1,612	3,361
San Marino	0.0	0.07%	46,319	974.0	0.07%	52,861	99,180
Santa Ana	10,060.6	0.71%	494,375	9,606.6	0.68%	521,367	1,015,742
Santa Monica	4,865.2	0.34%	239,075	4,607.4	0.32%	250,051	489,126
Three Valleys MWD	63,723.8	4.47%	3,131,370	63,736.2	4.49%	3,459,072	6,590,442
Torrance	15,852.7	1.11%	778,997	15,549.0	1.10%	843,871	1,622,868
Upper San Gabriel Valley MWD	27,250.3	1.91%	1,339,072	30,096.0	2.12%	1,633,361	2,972,434
West Basin MWD	114,374.8	8.03%	5,620,347	113,660.3	8.01%	6,168,538	11,788,885
Western MWD	68,340.5	4.80%	3,358,234	69,139.3	4.87%	3,752,308	7,110,541
<b>MWD Total</b>	<b>1,424,509.3</b>	<b>100.00%</b>	<b>\$ 70,000,000</b>	<b>1,418,787.2</b>	<b>100.00%</b>	<b>\$ 77,000,000</b>	<b>\$ 147,000,000</b>
Totals may not foot due to rounding							



**TABLE 5**  
**FISCAL YEAR 2022/23**  
**ESTIMATED STANDBY CHARGE REVENUE**

<b>Member Agencies</b>	<b>Total Parcel Charge</b>	<b>Number of Parcels Or Acres</b>	<b>Gross Revenues (Dollars) <sup>1</sup></b>
Anaheim	\$ 8.55	69,024	590,155
Beverly Hills	-	-	-
Burbank	14.20	29,111	413,378
Calleguas MWD	9.58	260,024	2,491,030
Central Basin MWD	10.44	340,264	3,552,356
Compton	2.49	18,144	45,178
Eastern MWD	6.94	406,560	2,821,528
Foothill MWD	10.28	30,361	312,113
Fullerton	10.71	35,251	377,543
Glendale	12.23	45,057	551,050
Inland Empire Utilities Agency	7.59	262,180	1,989,945
Las Virgenes MWD	8.03	55,414	444,973
Long Beach	12.16	92,471	1,124,441
Los Angeles	-	-	-
Municipal Water District of Orange County <sup>2</sup>	10.09	662,675	7,534,624
Pasadena	11.73	39,489	463,203
San Diego County Water Authority	11.51	1,112,302	12,802,601
San Fernando	-	5,102	-
San Marino	8.24	4,972	40,972
Santa Ana	7.88	65,040	512,519
Santa Monica	-	-	-
Three Valleys MWD	12.21	151,490	1,849,691
Torrance	12.23	40,578	496,264
Upper San Gabriel Valley MWD	9.27	214,737	1,990,616
West Basin MWD	-	-	-
Western MWD	9.23	389,885	3,598,640
<b>MWD Total</b>		<b>4,330,132</b>	<b>\$ 44,002,818</b>

(1) Estimates per FY 2021/22 applied amounts

(2) Adjusted for inclusion of Coastal MWD

Note: Totals may not foot due to rounding.

TABLE 6				
PARCELS SUBJECT TO ANNEXATION STANDBY CHARGES AS OF JULY 1, 2021				
Annexation	Parcel Number	Acres		Proposed Standby Charge (FY 2020/21)
Eastern MWD				
111th Fringe Area	910-230-003	5.82		40.39
REORGANIZATIONS BETWEEN MEMBER AGENCIES				
Annexation	Parcel Number	Acres	Original Standby Charge	Proposed Standby Charge (FY 2020/21)
Reorg No. 2012-10			West Basin MWD	Las Virgenes MWD
From West Basin MWD	4438-037-003	5.27	0.00	42.32
To Las Virgenes MWD				