

A Meeting of the

**BOARD OF DIRECTORS
OF THE
CENTRAL COAST WATER AUTHORITY**

will be held at 9:00 a.m., on Thursday, June 28, 2018
at 255 Industrial Way, Buellton, California



Jack Boysen
Chairman

Richard Shaikewitz
Vice Chairman

Ray A. Stokes
Executive Director

Brownstein Hyatt
Farber Schreck
General Counsel

Member Agencies

City of Buellton

Carpinteria Valley
Water District

City of Guadalupe

City of Santa Barbara

City of Santa Maria

Goleta Water District

Montecito Water District

Santa Ynez River Water
Conservation District,
Improvement District #1

Associate Member

La Cumbre Mutual
Water Company

I. Call to Order and Roll Call

II. Public Comment – (Any member of the public may address the Board relating to any matter within the Board’s jurisdiction. Individual Speakers may be limited to five minutes; all speakers to a total of fifteen minutes.)

III. Election of Officers

IV. Committee Appointments

V. Consent Calendar

- * A. Approve Minutes of the April 26, 2018 Regular Meeting
- * B. Approve Bills
- * C. Controller’s Report
- * D. Operations Report

VI. Executive Director’s Report

- A. CCWA Water Supply Situation Report
- * B. State Water Project Contract Extension Update
- C. State Water Project Contract Assignment Update
- * D. State Water Project Contract Amendments for Water Management and California WaterFix Update
- E. California WaterFix Update
- * F. DWR Calendar Year 2019 Transportation Minimum OMP&R Cost Estimates
- G. State Water Contractors and State Water Project Contractors Authority Update
- * H. Legislative Update

VII. Reports from Board Members for Information Only

VIII. Items for Next Regular Meeting Agenda

IX. Date of Next Regular Meeting: July 26, 2018

X. Adjournment

255 Industrial Way
Buellton, CA 93427-9565
(805) 688-2292
FAX: (805) 686-4700

* Indicates attachment of document to original agenda packet.

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**MINUTES OF THE
CENTRAL COAST WATER AUTHORITY
BOARD OF DIRECTORS**

April 26, 2018

I. Call to Order and Roll Call

Chairman Boysen called the April 26, 2018, Central Coast Water Authority (CCWA) Board of Directors meeting held at 255 Industrial Way, Buellton, California, to order at 9:01 a.m. Attachment No. 1 is a list of those in attendance.

CCWA member agencies with voting privileges were represented by:

<u>Representative</u>	<u>Agency/City</u>	<u>Voting %</u>
Ed Andrisek	City of Buellton	2.21%
Jack Boysen	City of Santa Maria	43.19%
Harlan Burchardi	Santa Ynez River Water Conservation District, ID #1	7.64%
Eric Friedman	City of Santa Barbara	11.47%
Shirley Johnson	Carpinteria Valley Water District	7.64%
Richard Merrifield	Goleta Water District	17.20%
Richard Shaikewitz	Montecito Water District	9.50%

II. Public Comment

There was no public comment.

III. Consent Calendar

- A. Approve Minutes of the March 22, 2018 Regular Meeting
- B. Approve Bills
- C. Controller's Report
- D. Operations Report

Following discussion, a motion to approve the Consent Calendar was made by Director Andrisek, seconded by Director Merrifield, and carried with all in favor and none opposed.

IV. Executive Director's Report

- A. Water Supply Situation Report

Ray Stokes, CCWA Executive Director, provided the Board information related to water available to CCWA, including weather related supply. Statewide precipitation indices have improved due to March precipitation, but is still below normal. Snowpack is at about 24% of average for the current date.

Oroville has about 2.280 million AF of storage, and has come close to exceeding the level of storage which would have triggered outflow, but did not. The second stage of reconstruction for repair of the spillway damaged last year is due to start soon, and will be more extensive than work done so far. \$160 Million in emergency

response costs have been accrued, and all those costs have been submitted to FEMA. What is not paid for by FEMA will be included in the 2019 Statement of Charges, expected to be about \$5/AF additional costs to the transportation costs. The \$870 million in total estimated costs for the recovery and emergency response have been placed in suspense pending the extension of the contract amendment with the intent that 30 year bonds will be issued to repay the costs.

DWR has increased the allocation percentage from 20% to 30%, indicating the recent storms improved the hydrology significantly, with increased Table A allocation now available to CCWA participants at the 30% allocation. Total water available to CCWA participants will be approximately 27,000 AF in 2018.

B. 2018 Supplemental Water Purchase Program Update

Mr. Stokes reviewed the status of the Supplemental Water Purchase Program (SWPP), which currently has three participants after the City of Solvang dropped out of the program. Sierra Water Brokers were pursuing purchase of water from northern California farmers, but Mr. Stokes was able to negotiate a transaction with Mojave Water Agency after DWR issued a Notice to Contractors announcing the return ratios in exchanges could be based on allocation percentage, as well as allowing carryover of water in San Luis Reservoir between calendar years. Additional guidance directed the timing of determining the ratio of return based on the signing date of the agreement, however, whether carryover is in the name of entity receiving the water or exchanging the water will be determined later.

C. State Water Project Contract Assignment Update

Following information that DWR was prepared to agree to assignment of the contract, DWR legal division has indicated that they will be performing additional analysis of the assignment, possibly due to questions from DWR's bond counsel. Mr. Stokes stated that if a response is not provided in the next several weeks, he will elevate the process to the DWR Director level.

D. State Water Contract Financial Amendment and Extension

DWR and the State Water Project (SWP) Contractors completed negotiations on a series of financial amendments to the SWP contracts and extending the contract term from 2035 to 2085 in June 2014. Since that time, DWR and the SWP Contractors have been working on the actual contract amendment language to be executed by DWR and each of the 29 SWP Contractors.

Mr. Stokes reviewed the proposed amendments to the SWP Contract, which include implementing financial amendments as well as the extension of the Contract. The current amortization or pay-as-you-go breakout of the different types of charges was reviewed, and Mr. Stokes explained the financing gap that is created by the difference in bonding versus incurrence of costs, which has created a revenue surplus for DWR, termed 51(e) revenues. The proposed changes to pay-as-you-go versus amortized expenses, as well as use of revenues, various funds and investments was discussed.

By statute, DWR is required to provide an informational hearing to the California Legislature on any amendments to the State Water Project Contracts that extend the

contract term. The hearing is tentatively scheduled for June of 2018. Following the hearing, DWR must wait 60 days to execute contract amendments, so the earliest the new provisions can take effect will be the calendar year 2021 Statement of Charges.

The Board asked when contractors would be required to sign the contract amendment, and what the ramifications would be for contractors who do not execute the amendment. Mr. Stokes explained that there are many possible variables to these scenarios, depending on DWR's interpretation of the evergreen provision of the existing contract. Currently DWR has not addressed the questions, but administratively has the authority to proceed in several different ways.

CCWA's member agencies were asked to consider the information provided and take a position within their agency in advance of the amendments, and contact Mr. Stokes with questions, or if a presentation is needed for the agency governing body. The final decision on whether to execute the amendment will be made by the contract signer, currently the County of Santa Barbara.

E. State Water Contract California WaterFix Amendment Update

DWR and the State Water Project (SWP) Contractors continue weekly negotiations on amendments to the SWP Contract for California WaterFix cost allocation and other amendments to improve water management provisions in the contract. From a water management standpoint, the amendment may be more important than the contract extension.

Mr. Stokes reviewed the major points of the negotiations, including allowing outright transfers of water from another State Water Contractor in exchange for negotiated compensation, and allowing contractors to set the terms for return water in an exchange. Use of carryover water in San Luis Reservoir in exchanges is also being discussed; however, allowing the use of San Luis Reservoir as a transfer point has been denied by DWR.

In response to a question from the Board related to how these changes might affect the individual user within the State of California, Mr. Stokes stated his belief that allowing a freer market for the use of water is good resource management, and would benefit all State water users.

F. California WaterFix Update

Metropolitan Water District has voted to fund the additional tunnel previously being considered, and the gap funding of \$133 has been identified as \$68 million from MWD, \$10 million from San Bernardino WA, and the additional funds from 51(e) revenues. The Financing JPA is moving forward, as is the Design and Construction JPA, which will be comprised of DWR and State Water Contractors. These JPAs are intended to keep the project moving forward.

In response to a question from the Board, Mr. Stokes explained that private placement bonds would be issued to fund the project, and these bonds would be replaced by bonds issued by DWR following a successful validation of the project.

G. Polonio Pass Water Treatment Plant GAC Filter Media Replacement Project

John Brady, CCWA Deputy Director, provided information on the Polonio Pass Water Treatment Plant eight filters that utilize sand and granular activated carbon (GAC) as the filter media, and were most recently replaced in 2008.

The trigger to replace the filter media is based on annual measurements of GAC hydraulic characteristics. The filter media in Filters 7 and 8 has been in place for 11 years and has shown initial signs of reduced hydraulic conductivity and Filter #2 as needing to be replaced due to degradation of its hydraulic performance. Only one filter will be replaced at a time, so the WTP production will not be affected during the project.

Mr. Brady reviewed the bid process, which used the original specifications for the GAC Filter Media Replacement Project. Sealed bids were received and opened on Monday April 16, 2018, and Staff completed a review of the apparent low bid to determine if the bid was responsive to the requirements outlined in the RFB and to determine if the contractor is a responsible contractor as defined by the RFB. The review indicated that the low bidder was not responsive, as they were not able to provide pertinent experience on three projects within the last five years, and were unable to provide QA/QC information on the media that would be used in the project, which is sourced from China. The bidder has since responded that they have an additional project to demonstrate experience and have also offered to pay to have CCWA inspect their GAC mines.

Discussion ensued regarding the past performance of Carbon Activated Corporation, and Mr. Brady reviewed the prior issues and how they were addressed.

A motion by Director Burchardi, seconded by Director Merrifield, and carried with all in favor and none opposed the Board authorized the Executive Director to award the Polonio Pass Water Treatment Plant GAC Filter Media Replacement contract to the lowest responsive and responsible bidder, as determined in review to be Carbon Activated Corporation.

H. Finance Committee

1. FY 2017/18 Third Quarter Investment Report

Mr. Stokes stated as of March 31, 2018 the CCWA investment portfolio totaled \$28.1 million and had an effective rate of return of 1.51% on an average daily balance for the month of March 31, 2018 of about \$28.5 million. The investments were comprised of the State of California Local Agency Investment Fund (LAIF), (\$24.6 million), Montecito Bank & Trust money market account (\$2.6 million) and funds held by the CCWA revenue bond trustee for the April 1, 2018 bond interest payment (\$0.9 million).

All investments during the quarter complied with the CCWA investment policy provisions and current pro forma projections indicate that the Authority will have sufficient cash with which to operate for the next six months.

Upon a motion by Director Burchardi, seconded by Director Friedman and carried with all in favor and none opposed, the Board approved the third quarter FY 2017/18 investment report.

2. Annual Review of the CCWA Investment Policy

Mr. Stokes stated that the CCWA Investment Policy is submitted annually to the Board for review, and noted the policy is prepared in conformance with Government Code Section 53630-53686 which addresses investment of surplus funds by local government agencies. Since the last review of the CCWA Investment Policy, no changes have been made to the Government Code Section requiring an update of the policy. However, staff is recommending the following changes to the policy for clarity and consistency only. These changes do not materially affect the policy.

Section III(F) – Civil Code #2261 no longer exists, remove the reference. Insert the word “standard” on line 2 for clarity. Staff recommends including the entire quote from Government Code 53600.3 for clarity.

Section VI. REPORTING – Current practice is to present investment reports to the Board on a quarterly basis. Staff recommends changing the policy to reflect actual practice.

Section XIII. PERFORMANCE EVALUATION AND OPERATIONS AUDIT – Current practice is to present investment reports to the Board on a quarterly basis. Staff recommends changing the policy to reflect actual practice.

Upon a motion by Director Burchardi, seconded by Director Merrifield and carried with all in favor and none opposed, the Board approved the recommended changes to the CCWA Investment Policy.

I. Final FY 2018/19 Budget

Mr. Stokes provided an overview of the Final FY 2018/19 Budget, highlighting changes to the proposed final FY 2018/19 Budget as compared to the Preliminary FY 2018/19 Budget. The final FY 2018/19 is \$63,853,531 or \$2,615,370 more than the Preliminary FY 2018/19 Budget and \$2.5 million more than the FY 2017/18 Budget due to: 1) an additional \$2.6 million in estimated 2018 DWR Variable OMP&R costs due to a \$53.28/AF increase in the OMP&R unit rate over the 2018 DWR SOC unit rate, 2) an increase in personnel expenses of \$52,751 due to the GASB required changes in actuarial assumptions for the Authority’s annual required contribution to the OPEB Trust, and 3) Reclassification of non-capitalized projects from the O&M section of the budget to the capital projects section of the budget results in a decrease of \$418,966 in other expenses and increasing capital projects by the same amount.

The proposed final FY 2018/19 gross budget (before CCWA credits) is about \$3.0 million more than the prior year budget. The increase is primarily attributed to the \$2 million increase in DWR Fixed costs due to the under collection by DWR of the Transportation Minimum OMP&R costs for prior years, coupled with an increase in 2018 DWR Variable estimated costs after DWR increased the Variable OMP&R unit rate by \$53.28/AF over the DWR 2018 SOC unit rate. The increases in CCWA Variable costs are directly related to the higher cost of chemicals needed to treat water due to reduced flows in the California aqueduct resulting in lesser water quality, along with an increase in estimated costs of electrical for pumping the water.

Following discussion, upon a motion by Director Friedman, seconded by Director Merrifield and carried with all in favor and none opposed, the Board approved the Final FY 2018/19 Budget as outlined in this report and that CCWA staff be authorized to obtain bids for those projects included in the FY 2018/19 Budget which require formal bids.

J. Legislative Update

A description of AB1912 was provided by Mr. Amerikaner, who explained the bill related to a defunct JPA whose employees wished to retain their PERS benefits, and the bill would allow the PERS obligation to be transferred to the member agencies of the JPA, or within the members of the JPA. The bill is widely opposed, and Mr. Amerikaner asked if the Board wished to go on the records as opposing the bill, which would require an amendment to the JPA.

Following discussion, upon a motion by Director Shaikewitz, seconded by Director Burchardi and carried with all in favor and none opposed, the Board directed CCWA to send a letter of opposition to the bills' author as well as local representatives.

V. Reports from Board Members for Information Only

There were no reports from Board members.

VI. Items for Next Regular Meeting Agenda

The next meeting may be canceled.

VII. Date of Next Regular Meeting: May 24, 2018

VIII. Adjournment

The meeting was adjourned at 11:22 a.m.

Respectfully submitted,

Elizabeth Watkins
Secretary to the Board

CENTRAL COAST WATER AUTHORITY

Meeting: CCWA Board of Directors

Date: April 26, 2018

NAME	ORGANIZATION	TELEPHONE
Rick Merrifield	Goleta W.D.	964-3835
Harlan Burchard	SYIP #1	-
Shirley Johnson	Carp VWD	881 8011
Jack Bowen	city of SM	925-0951
Dick Shoitkowitz	Monterey Water Dist	565-2300
Ellie Friedman	City of SB	564-5320
ED ANDRISAK	City of BUELLTON	688-1498
KAY SKIB	COUNTY	688-2292
John Brady	CCWA	688-2292
Steven A. Ameritam	BWS	882-1407
Shannon Sweeney	CSM	925-0951
SHAD SPRINGER	CITY OF SANTA MARIA	925-0951
Dan Hentschke	City of Santa Barbara	564-5408
Kelley Dyer	City of Santa Barbara	564-5571
Lisa Long	CCWA	688-2292
LAURA MATTHEW	CCWA	688-2292
Nick Turner	MWD	969-2271

Placing your name on this list is voluntary and is not required to attend this meeting.



CENTRAL COAST WATER AUTHORITY

Normal and Recurring Costs

Bills for Ratification - April and May 2018

VENDOR	INVOICE AMOUNT	DESCRIPTION
GENERAL & ADMINISTRATIVE EXPENSES		
Aschle, Jason	76.00	Reimbursable expenses - Certification Renewal
Bank of America Business Card	65.00	Public Records Training Registration
Bank of America Business Card	85.00	GFOA Training Registration
Bank of America Business Card	129.86	Publications, subscriptions, postage
Bank of America Business Card	145.00	T-1 License Training
Bank of America Business Card	160.00	Pesticide Training
Bank of America Business Card	675.00	Supervisor Skills Training (3 employees)
Bank of America Business Card	948.57	Staff meetings
Bank of America Business Card	2,382.60	Corrosion Seminar Registration and Travel (3 employees)
Cardmember Service	9,786.12	State Water Contractors - Travel and meetings
Espinoza, Manuel	112.63	Reimbursable expenses - Travel expenses
Federal Express	570.96	Express shipping
Kieding, Eric	82.48	Reimbursable expenses - Travel expenses
Parent, Joseph	116.30	Reimbursable expenses - Travel Expenses
Sorenson, Robert	105.00	Reimbursable expenses - Certification renewal
Swift, Mark	33.02	Reimbursable expenses - Travel expenses
Tom Ives Photography	50.00	Budget Photo
Total Funds	400.00	Postage - postage machine
United Parcel Service	571.12	Shipping expenses
Valley Oaks Printing	291.38	CAFR Printing costs
	\$ 16,786.04	Total General & Administrative
MONITORING EXPENSES		
Airgas USA, LLC	570.07	Lab supplies
AmeriPride Services, Inc.	186.04	Lab supplies
Culligan Industries Water Systems	170.00	Carbon Tank Rentals, Tri-Bed Tank Rentals
Eurofins Eaton Analytical	1,030.00	Lab testing
Fisher Scientific Co., LLC	457.37	Lab supplies
Hach Company	2,278.34	Lab supplies
IDEXX Distribution Corp.	2,162.08	Lab supplies
VWR International	1,340.35	Lab supplies
	\$ 8,194.25	Total Monitoring Expenses
OFFICE EXPENSES		
Bank of America Business Card	222.63	Office and Kitchen Supplies
Office Depot	905.39	Office, janitorial & kitchen supplies
Solvang Bakery	25.95	Board and Committee meeting pastries
Staples Inc.	564.13	Office, janitorial & kitchen supplies
The Gallery Collection	96.88	Office supplies
	\$ 1,814.98	Total Office Expenses
OTHER EXPENSES		
American Marborg	288.36	Equipment Rental - trailer
Bank of America Business Card	85.01	Computer miscellaneous expenses
Brownstein Hyatt Farber	5,672.50	Legal Services: SWPP - Mojave
Cal Coast Machinery, Inc.	2,472.87	Tractor Rental - mow right of way
Comcast	382.02	Internet Service
CompuVision	1,250.61	SonicWall Renewal
CompuVision	8,902.50	Managed Service Agreement
De Lage Landen Financial Services	576.83	Copier Lease - BAO



CENTRAL COAST WATER AUTHORITY

Normal and Recurring Costs

Bills for Ratification - April and May 2018

VENDOR	INVOICE AMOUNT	DESCRIPTION
DLT Solutions, Inc.	3,648.47	AutoCAD Subscription
EXFO America Inc.	1,443.85	FastReporter Software
Impulse Internet Services	4,194.85	T-1 System and Internet Service (Buellton and Shandon)
Marborg Industries	433.11	Tank 5/Tank 7 Rental
Quinn Company	1,271.22	Chipper - Tree Removal
Ross, Don	75.00	DSL reimbursement
Thompson, James	67.50	DSL reimbursement
TRB Industrial Coatings Inc	12,993.00	DWR Polonio Pass Forebay Sediment Removal expense reimb
United Rentals North America, Inc.	1,178.57	Equipment Rental - Fiber Cable Repair
United Rentals North America, Inc.	4,899.87	Equipment Rental
Xerox Financial Services	207.56	Copier Lease - WTP
	\$ 50,043.70	Total Other Expenses
OTHER MISCELLANEOUS EXPENSES		
Comb-Warren Act Trust Fund	145,899.00	Trust Fund Quarterly payment
Department of Water Resources	2,704,893.00	Variable OMP&R, Delta Water & Transport Charge
Novatt, Lisa	41.01	Encroachment Permit Refund
	\$ 2,850,833.01	Total Other Miscellaneous Expenses
PERSONNEL EXPENSES		
ACWA/JPIA	13,394.42	Workman's Compensation Insurance
Aschle, Jason	110.00	Reimbursable expenses - Employee Physical
CalPERS Health	82,184.18	Health Insurance
CalPERS Retirement	70,921.28	Pension Contributions
CCWA Payroll Wages/Taxes	469,693.16	Gross Payroll Wages/Taxes
Dental/Vision Payments	12,174.77	Dental/Vision Benefits
Industrial Medical Group	100.00	DMV Physical Exam
MetLife SBC Insurance	2,022.30	Life Insurance
Other Misc Employee Benefits	2,835.56	Vehicle, Uniform and Cafeteria Plan Benefits
Standard Insurance Company	2,529.52	Disability Insurance
	\$ 655,965.19	Total Personnel Expenses
PROFESSIONAL SERVICES		
Bank of America Business Card	369.21	Battery Calibration
Bartel Associates, LLC	8,640.00	OPEB Actuarial Consulting Services
Brownstein Hyatt Farber	42.50	Legal Services-Relations State Water Contractors
Brownstein Hyatt Farber	42.50	Legal Services-Relations with DWR
Brownstein Hyatt Farber	175.00	Legal Services-JPA Agreement
Brownstein Hyatt Farber	892.50	Legal Services-Bidding Requirements/Construction Contra
Brownstein Hyatt Farber	4,646.50	Legal Services-DWR/SBCFCWCD Contract
Brownstein Hyatt Farber	7,291.05	Legal Services-General Meetings
Cardno, Inc.	1,788.15	Environmental Consulting
Mid-Coast Fire Protection Inc.	540.00	Safety, Annual fire extinguisher service
Occupational Health Dynamics	890.00	Equipment calibration
Risk Management Professionals	1,939.03	Update Chlorine Systems
Safety Kleen Systems, Inc	317.94	Washer Parts/Service
Samba Holdings, Inc.	62.00	DMV driver reports
Stacy Miller Public Affairs, Inc.	5,692.50	Public Relations Services
Stradling Yocca Carlson Rauth	9,354.20	Legal - Employee Matters
Underground Service Alert	133.85	New tickets
	\$ 42,816.93	Total Professional Services



CENTRAL COAST WATER AUTHORITY

Normal and Recurring Costs

Bills for Ratification - April and May 2018

VENDOR	INVOICE AMOUNT	DESCRIPTION
CIP PROJECTS - MATERIALS & OVERHEAD		
Bank of America Business Card	352.46	PLC Migration from ProWorx to Unity for WTP
Bank of America Business Card	1,239.83	Replace SCADA Servers
Brownstein Hyatt Farber Schreck	6,545.00	Granular Activated Carbon Filter Media Replacement
Burt Industrial Supply, Inc	34.77	Lining of the Containment Structure for Chlorine Scrubber Sys
Demaria Electric Motor Service	7,437.66	Santa Ynez Pump Plant and Backwash Water Pump Motor Rebuild
Grainger Inc.	818.10	Lining of the Containment Structure for Chlorine Scrubber Sys
Hetland, Wayne	34.10	Network Switch Replacement
Home Depot	149.07	Free Ammonia Online Analyzer Replacement for Tank 5 and 7
Home Depot	252.49	Lining of the Containment Structure for Chlorine Scrubber Sys
Ross, Don	87.25	Network Switch Replacement
Santa Maria Tool, Inc.	10,267.28	SYPP Pump and Motor Rebuild Project
Shandam Consulting, Inc	27,319.98	Network Switch Replacement
Towers, Chris	80.49	Network Switch Replacement
Towers, Chris	200.37	Portable Electrical Generator
United Rentals North America, Inc.	730.70	Rebuild Motor and Pump #1 at Santa Ynez Pumping Plant
	\$ 55,549.55	Total CIP Project - Materials and Overhead
REPAIRS & MAINTENANCE		
Airgas USA, LLC	45.59	Equipment repairs and maintenance
AmeriPride Services, Inc.	459.00	Building maintenance supplies
Anthony's Tire Store	770.76	Vehicle maintenance
Applied Industrial Technologies	152.06	Equipment repairs and maintenance
Automationdirect.com Inc	276.25	Parts, repair and maintenance
Bank of America Business Card	185.25	Vehicles repairs and maintenance
Bank of America Business Card	760.33	Building maintenance supplies
Big Brand Tire & Service	704.79	Vehicle maintenance
Burt Industrial Supply Inc	170.36	Parts, repair and maintenance
Cal Coast Irrigation, Inc.	206.51	Parts, repair and maintenance
Central Coast Bearing	79.78	Parts, repair and maintenance
City of Buellton	179.32	Landscape maintenance - water
Coastal Tractor (CNH Capital)	232.50	Equipment repairs and maintenance
Consolidated Electrical Distributors	985.96	Parts, repair and maintenance
Corrpro Companies, Inc	375.96	Equipment repairs and maintenance
Coverall North America, Inc	1,958.00	Janitorial service - BAO/SYPS
Deep Blue Integration	1,979.00	Building maintenance
Fastenal Company	120.14	Parts, repair and maintenance
Gary Brown Service & Repair	475.00	HVAC service and repairs
GFG Instrumentation Inc.	922.63	Equipment repairs and maintenance
Grainger Inc.	1,229.50	Parts, repair and maintenance
Graybar Electric Company, Inc.	35.99	Parts, repair and maintenance
Hach Company	4,894.93	Parts, repair and maintenance
Harrington Industrial Plastics	1,915.38	Parts, repair and maintenance
Home Depot	497.16	Parts, repair and maintenance
Jan's Gardening Service	1,625.00	Landscape maintenance - BAO/SYPS
Kin-Tek Laboratories Inc	293.73	Parts, repair and maintenance
Knechts Plumbing and Heating	2,950.00	HVAC service and repairs
Light Brigade Inc	554.12	Parts, repair and maintenance
McMaster-Carr Supply Company	153.64	Maintenance supplies
Meadowlark Ranch Association	600.00	Road Maintenance Fee
Mid-Coast Fire Protection Inc	925.82	Equipment repairs and maintenance
Noble Saw, Inc.	36.31	Equipment repairs and maintenance

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CENTRAL COAST WATER AUTHORITY

Normal and Recurring Costs

Bills for Ratification - April and May 2018

VENDOR	INVOICE AMOUNT	DESCRIPTION
Office Depot	17.91	Janitorial supplies
Paso Robles Chevrolet	171.71	Vehicles repairs and maintenance
Praxair Distribution, Inc.	353.44	Repairs & maintenance supplies
Precision Digital Corp	465.82	Equipment repairs and maintenance
Procure Janitorial Supply	540.11	Janitorial supplies - WTP
Progressive Greenery	660.00	Landscape maintenance - WTP
PRW Steel Supply, Inc.	1,297.87	Equipment repairs and maintenance
Quinn Company	47.63	Equipment repairs and maintenance
Relevant Solutions LLC	275.00	Equipment repairs and maintenance
Rio Vista Chevrolet	628.38	Vehicle maintenance
Rosemount Inc	2,919.08	Equipment repairs and maintenance
San Luis Personnel Service	1,986.40	Janitorial Service - WTP
Toshiba Business Solutions	44.81	Copier maintenance
Tustin Lock and Safe	522.04	Equipment parts and repairs
Ultrex Business Products	445.61	Copier maintenance
USA Blue Book	1,101.66	Equipment repairs and maintenance
Vreeland Ford	117.32	Vehicle maintenance
Western Exterminator Co	200.00	Pest control spraying - BAO and SYPS
Zoom Imaging Solutions, Inc	97.90	Copier Maintenance
	\$ 38,643.46	Total Repairs & Maintenance

SUPPLIES & EQUIPMENT

Airgas USA, LLC	40.57	Safety supplies
AmeriPride Services, Inc.	786.20	Uniform expenses
Bank of America Business Card	51.77	Landscape materials
Bank of America Business Card	426.80	Safety supplies
Bank of America Business Card	902.78	Minor tools
Bank of America Business Card	1,277.41	Equipment & maintenance supplies
Battery Systems Inc.	306.57	Battery charger
Burt Industrial Supply, Inc	545.62	Minor Tools, Maintenance supplies and hardware
CalPortland Company	724.08	Equipment & maintenance supplies
Carr's Boots & Western Wear	331.59	Uniform expenses
Chemtrade Chemicals US, LLC	64,932.17	Chemicals - WTP
Cline, Ron	129.29	Reimbursable expenses - Safety supplies
Fastenal Company	389.36	Maintenance supplies and hardware, safety supplies
Ferguson Enterprise, Inc.	480.63	Maintenance supplies and hardware
Forestry Suppliers, Inc.	255.35	Small tools, maintenance supplies
Grainger Inc.	1,164.30	Minor tools, equipment & maintenance supplies, safety supplies
Graphic Products Inc.	233.84	Maintenance supplies and hardware
Harrington Industrial Plastics	406.30	Maintenance supplies and hardware
Harrison Hardware	70.89	Maintenance supplies and hardware
Hill Brothers Chemical Company	9,973.69	Chemicals - WTP
Home Depot	286.61	Minor tools, equipment & maintenance supplies
Integrated Industrial Supply Inc	45.45	Safety supplies
JB Dewar	2,352.25	Fuel - equipment
JCI Jones Chemical	78,862.47	Chemicals - WTP
Lowe's	194.75	Maintenance supplies and hardware
McMaster-Carr Supply Company	42.83	Minor tools, equipment & maintenance supplies, safety supplies
Noble Saw, Inc.	92.01	Maintenance supplies and hardware
Plumbers Depot, Inc	435.55	Safety supplies
Praxair Company	112.04	Equipment maintenance
Sterling Water Technologies, LLC	13,975.20	Chemicals - WTP

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CENTRAL COAST WATER AUTHORITY

Normal and Recurring Costs

Bills for Ratification - April and May 2018

VENDOR	INVOICE AMOUNT	DESCRIPTION
Univar USA, Inc.	11,459.94	Chemicals - WTP
USA Blue Book	338.99	Maintenance supplies and hardware
WEX Bank - Wright Express	10,803.03	Fuel - Autos
	<u>\$ 202,430.33</u>	Total Supplies & Equipment
UTILITIES		
Bank of America Business Card	116.57	Telephone conference charge
Bank of America Business Card	36.39	Cell Phone accessories
Bank of America Business Card	9.99	Phone accessories
City of Buellton	338.34	Water - BAO
Delta Liquid Energy	710.00	Propane gas
First Choice Technology	26.07	Phone - Long distance carrier, 800#
Frontier	527.09	Telephone charges
Health Sanitation Services	387.94	Waste Disposal - SYPS
Marborg Industries	221.71	Waste Disposal - BAO
Pacific Gas & Electric	217,439.21	Utilities - BAO/SYPS/WTP
San Miguel Garbage Company	420.50	Waste Disposal - WTP
Santa Ynez River Water Conservation	164.24	Water - SYPS
Stokes, Ray	129.28	Reimbursable Expenses - Cell Phone charges
Surfnet Communications, Inc.	150.00	Wireless Internet - Chorro
The Gas Company	67.99	Natural Gas - BAO
Verizon Wireless	840.93	Cell phone charges
	<u>\$ 221,586.25</u>	Total Utilities
Subtotal - Bills for Ratification	<u><u>\$4,144,663.69</u></u>	



CENTRAL COAST WATER AUTHORITY

Bills for Approval

VENDOR	INVOICE AMOUNT	DESCRIPTION
State of California DWR	\$ 1,314,448.00	Capital Cost and Minimum OMP&R Charges - Jun'18
Subtotal - Bills for Approval	\$ 1,314,448.00	

Total Ratification and Approval Bills \$ 5,459,111.69

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Statements of Net Position

ASSETS

	<u>May 31, 2018</u>	<u>April 30, 2018</u>
<u>Current Assets</u>		
Cash and investments	\$ 12,203,170	\$ 5,851,838
Accounts Receivable (Note 1)		-
Accrued interest receivable	74,020	31,935
Other assets	1,572,961	1,593,657
Total Current Assets	<u>13,850,151</u>	<u>7,477,430</u>
<u>Restricted Assets</u>		
Cash and investments with fiscal agents	1	1
<u>Investment Accounts</u>		
Operations and Maintenance Reserve Fund (Note 2)	2,110,527	2,123,054
Rate Coverage Reserve Fund (Note 3)	9,242,388	9,303,588
Debt Service Payments (Note 4)	6,187,722	60,984
Department of Water Resources (Note 5a)	30,944,838	8,337,000
Credits Payable (Note 6)	343,698	1,149,488
Escrow Deposits (Note 7)	410,889	410,807
Total Restricted Assets	<u>49,240,063</u>	<u>21,384,923</u>
<u>Property, Plant and Equipment</u>		
Construction in progress (Note 8)	1,255,485	1,214,415
Fixed assets (net of accumulated depreciation)	93,227,383	93,417,677
Total Property, Plant and Equipment	<u>94,482,868</u>	<u>94,632,092</u>
<u>Other Assets</u>		
Unamortized bond issuance costs (Note 9)	1,048,647	1,096,761
Long term receivable (Note 10)	3,854,107	4,729,923
Total Other Assets	<u>4,902,754</u>	<u>5,826,684</u>
 Total Assets	 <u>\$ 162,475,836</u>	 <u>\$ 129,321,129</u>

Central Coast Water Authority



Statements of Net Position

LIABILITIES AND FUND EQUITY

	<u>May 31, 2018</u>	<u>April 30, 2018</u>
<u>Current Liabilities</u>		
Accounts payable	\$ 195,851	\$ 162,771
DWR and Warren Act Charge Deposits (Note 5a)	30,944,838	8,337,000
CCWA Variable Charge Deposits (Note 5b)	6,243	6,243
Accrued interest payable	313,251	156,626
Other liabilities	3,148,527	1,839,925
Rate Coverage Reserve Fund	9,188,614	9,188,614
Unearned Revenue	11,798,428	857,345
Credits Payable to Project Participants	629,356	1,507,611
Total Current Liabilities	<u>56,225,109</u>	<u>22,056,137</u>
<u>Long-Term Liabilities</u>		
Bonds payable (Note 11)	37,590,000	37,590,000
Bond Original Issue Premium, net	2,812,150	2,942,048
Net Pension Liability	3,318,324	3,318,324
Total Long-Term Liabilities	<u>43,720,474</u>	<u>43,850,372</u>
<u>Commitments and Uncertainties</u>		
<u>Net Assets</u>		
Contributed capital, net (Note 12)	22,562,433	22,562,433
Retained earnings	39,967,820	40,852,187
Total Net Assets	<u>62,530,253</u>	<u>63,414,620</u>
Total Liabilities and Net Assets	<u>\$ 162,475,836</u>	<u>\$ 129,321,129</u>



Statements of Revenues, Expenses and Changes in Net Position

	May 31, 2018	April 30, 2018
<u>Operating Revenues</u>		
Operating reimbursements from project participants	\$ 20,443,008	\$ 20,443,008
Other revenues	86,034	85,850
Total Operating Revenues	20,529,041	20,528,858
<u>Operating Expenses</u>		
Personnel expenses	4,084,422	3,753,497
Office expenses	14,669	13,923
General and administrative	207,446	188,280
Professional services	305,646	281,725
Supplies and equipment	1,065,554	947,296
Monitoring expenses	68,188	62,691
Repairs and maintenance	253,471	235,166
Utilities	1,065,312	942,581
Depreciation and amortization	962,820	878,103
Other expenses	497,487	451,742
Total Operating Expenses	8,525,015	7,755,005
Operating Income	12,004,026	12,773,853
<u>Non-Operating Revenues</u>		
Investment income	505,283	457,618
Total Non-Operating Revenues	505,283	457,618
<u>Non-Operating Expenses</u>		
Interest	1,821,375	1,664,750
Current year credits payable	431,262	425,683
Total Non-Operating Expenses	2,252,637	2,090,433
Net Income	10,256,672	11,141,038
<u>Retained Earnings</u>		
Retained earnings at beginning of period	29,711,148	29,711,148
Retained earnings at end of period	\$ 39,967,820	\$ 40,852,187

Central Coast Water Authority
Notes to Financial Statements
 May 31, 2018

Note 1: Accounts Receivable

Accounts receivable consists of amounts payable by the State Water Project contractors and other miscellaneous receivables.

Note 2: O&M Reserve Fund

The O&M reserve fund represents cash reserves for emergency uses. The funding requirement is \$2,000,000 allocated on an entitlement basis for the Santa Barbara County project participants. Investment earnings on O&M reserve fund balances are credited against CCWA O&M assessments.

Project Participant	Amount
City of Guadalupe	\$ 28,261
City of Santa Maria	832,411
Golden State Water Company	25,692
Vandenberg AFB	381,297
City of Buellton	29,700
Santa Ynez ID #1 (Solvang)	77,075
Santa Ynez ID #1	25,692
Goleta Water District	233,481
Morehart Land Co.	10,377
La Cumbre Mutual Water Company	51,378
Raytheon Systems Company	2,594
City of Santa Barbara	155,654
Montecito Water District	154,150
Carpinteria Valley Water District	102,767
TOTAL:	<u>\$ 2,110,527</u>

Note 3: Rate Coverage Reserve Fund Cash Deposits

The rate coverage reserve fund was established to provide CCWA project participants a mechanism to satisfy a portion of their obligation under Section 20(a) of the Water Supply Agreement to impose rates and charges sufficient to collect 125% of their contract payments. The following schedule shows the current balances plus accrued interest receivable in the rate coverage reserve fund.

Project Participant	Amount
City of Guadalupe	\$ 190,198
City of Santa Maria	5,021,184
City of Buellton	275,955
Santa Ynez ID #1 (Solvang)	614,296
Santa Ynez ID #1	462,770
La Cumbre Mutual Water Company	398,645
Montecito Water District	1,437,050
Carpinteria Valley Water District	827,023
Shandon	15,268
TOTAL:	<u>\$9,242,388</u>

Central Coast Water Authority
Notes to Financial Statements
May 31, 2018

Note 4: Debt Service Payments

The following table shows the financing participant cash balances available to pay CCWA Series 2016-A revenue bond principal and interest payments.

Participant	Amount
Avila Beach	\$ 11,927
California Men's Colony	104,326
County of SLO	111,135
Cuesta College	52,167
Morro Bay	673,145
Oceano	87,206
Pismo Beach	144,130
Shandon	11,809
Guadalupe	148,427
Buellton	262,967
Santa Ynez (Solvang)	806,747
Santa Ynez	302,977
Goleta	14,485
Morehart Land	751
La Cumbre	559,023
Raytheon	173
Santa Barbara	8,829
Montecito	1,837,176
Carpinteria	1,050,322
TOTAL:	\$ 6,187,722

Central Coast Water Authority
Notes to Financial Statements
 May 31, 2018

Note 5a: Cash and Investments Payment to DWR and Warren Act and Trust Fund Charges

Cash deposits for payments to DWR and Warren Act and Trust Fund payments.

Project Participant	Amount
City of Guadalupe	\$ 573,787
City of Santa Maria	16,737,652
Golden State Water Company	511,507
Vandenberg AFB	1,988,612
City of Buellton	656,090
Santa Ynez ID #1 (Solvang)	1,609,009
Santa Ynez ID #1	613,500
Goleta Water District	860,526
Morehart Land Co.	24,479
La Cumbre Mutual Water Company	1,129,773
Raytheon Systems Co.	8,464
City of Santa Barbara	495,018
Montecito Water District	3,454,595
Carpinteria Valley Water District	2,281,828
TOTAL:	<u>\$ 30,944,838</u>

Note 5b: Cash Payments for CCWA Variable Charges

Cash deposits for payments to CCWA for Variable Assessment Deposits.

Project Participant	Amount
City of Guadalupe	\$ -
City of Santa Maria	-
Golden State Water Company	-
Vandenberg AFB	-
City of Buellton	-
Santa Ynez ID #1 (Solvang)	-
Santa Ynez ID #1	-
Goleta Water District	-
Morehart Land Co.	-
La Cumbre Mutual Water Company	-
Raytheon Systems Co.	6,243
City of Santa Barbara	-
Montecito Water District	-
Carpinteria Valley Water District	-
Shandon	-
Lopez Turnout	-
Chorro Turnout	-
TOTAL:	<u>\$ 6,243</u>

Central Coast Water Authority
Notes to Financial Statements
 May 31, 2018

Note 6: Credits Payable

Credits payable to CCWA project participants for investment earnings and O&M assessment credits.

Project Participant	Amount
City of Guadalupe	\$ 8
City of Santa Maria	1,024
Golden State Water Company	37
Vandenberg AFB	202,659
City of Buellton	35
Santa Ynez ID #1 (Solvang)	112
Santa Ynez ID #1	1,743
Goleta Water District	(253)
Morehart Land Co.	204
La Cumbre Mutual Water Company	6
Raytheon Systems Co.	111
City of Santa Barbara	(146)
Montecito Water District	137,965
Carpinteria Valley Water District	(1)
Shandon	-
Lopez Turnout	96
Chorro Turnout	99
TOTAL:	\$ 343,699

Note 7: Escrow Deposits

Cash deposits from certain project participants as required under the Water Supply Agreements.

Project Participant	Amount
Morehart Land Company	\$ 334,798
Raytheon Systems Company	76,090
TOTAL:	\$ 410,889

Note 8: Construction in Progress

Amounts in construction in progress represent expenditures incurred during FY 2017/18 and amounts retained in construction in progress at June 30, 2017. The following schedule shows the CIP expenditures for CCWA projects.

Financial Reach	Amount
Labor	\$ 88,608
Materials	836,805
Overhead	330,072
Project CIP Total:	\$ 1,255,485

Central Coast Water Authority
Notes to Financial Statements
 May 31, 2018

Note 9: Unamortized Bond Issuance Costs

Unamortized bond issuance costs for the 2016 revenue bonds include bond insurance and the 1992, 1996 and 2006 revenue bond deferred costs.

Note 10: Long-Term Receivable

The long-term receivable represents CCWA revenue bond expenditures for project participant local facilities which are owned by the individual project participants. The costs associated with the construction of these local facilities are financed with proceeds from the CCWA revenue bonds. Project participant revenue bond principal payments are proportionally divided between the long-term receivable and the CCWA owned facilities over the term of the bond issue.

Financing Participant	Long-Term Receivable
Avila Beach	\$ 8,306
California Men's Colony	185,528
County of SLO	197,856
Cuesta College	92,773
Morro Bay	1,419,217
Oceano	56,588
Pismo Beach	93,429
Shandon	6,734
Guadalupe	241,290
Buellton	39,274
Santa Ynez (Solvang)	137,701
Santa Ynez	13,485
Goleta	776,591
Morehart Land	3,575
La Cumbre	13,729
Raytheon	4,721
Santa Barbara	169,537
Montecito	207,143
Carpinteria	186,629
TOTAL:	\$ 3,854,107

Note 11: Bonds Payable

Bonds payable represents outstanding Series 2016-A revenue bonds outstanding. The next Series 2016-A principal payment is due on October 1, 2018 in the amount of \$8,720,000.

Central Coast Water Authority
Notes to Financial Statements
May 31, 2018

Note 12: Contributed Capital

Certain project participants elected to pay their share of CCWA project construction costs in cash. The amounts listed below show the capital contributions by project participant less the cost of local facilities and refunds to the project participants.

Project Participant	Amount
Avila Valley Water Company	\$ 15,979
City of Guadalupe	81,119
San Luis Schools	5,608
San Miguelito Water Company	233,605
Golden State Water Company	866,277
City of Santa Maria	13,498,802
Vandenberg AFB	7,861,043
TOTAL:	<u>\$ 22,562,433</u>



Budget and Actual All Reaches

	May 31, 2018		
	<u>Budget</u>	<u>Actual</u>	<u>Percent Expended ⁽¹⁾</u>
<u>Operating Revenues</u>			
Fixed operating assessments ⁽²⁾	\$ 9,155,482	9,155,482	100.00%
Variable operating assessments	2,831,388	2,333,664	82.42%
Other revenues	-	-	N/A
Non-annual recurring revenues	-	-	N/A
Total Operating Revenues	<u>11,986,870</u>	<u>11,489,146</u>	<u>95.85%</u>
<u>Operating Expenses ⁽²⁾</u>			
Personnel expenses	4,858,222	4,084,422	84.07%
Office expenses	20,503	14,669	71.54%
General and administrative	267,836	207,446	77.45%
Professional services	392,580	305,646	77.86%
Supplies and equipment	1,926,748	1,065,554	55.30%
Monitoring expenses	107,144	68,188	63.64%
Repairs and maintenance	266,379	253,471	95.15%
Utilities	1,259,194	1,065,312	84.60%
Depreciation and amortization	-	-	N/A
Other expenses	1,733,418	497,487	28.70%
Total Operating Expenses	<u>10,832,023</u>	<u>7,562,195</u>	<u>69.81%</u>
Operating Income	<u>1,154,847</u>	<u>3,926,951</u>	
<u>Non-Operating Revenues</u>			
Interest income	-	-	
Total Non-Operating Revenues	<u>-</u>	<u>-</u>	
<u>Non-Operating Expenses</u>			
	-	-	
Total Non-Operating Expenses	<u>-</u>	<u>-</u>	
Net Income (Loss)	<u>\$ 1,154,847</u>	<u>3,926,951</u>	

(1) Percent of year expended: 91.6%

(2) Includes revenues and expenses for Turnouts and adjusted for carryover revenues transferred to FY 2017/18.



Budget and Actual Administration

	May 31, 2018		Percent Expended ⁽¹⁾
	Budget	Actual	
Operating Revenues			
Fixed operating assessments ⁽²⁾	\$ 1,690,698	\$ 1,690,698	100.00%
Variable operating assessments	-	-	N/A
Other revenues	-	-	N/A
Non-annual recurring revenues	-	-	N/A
Total Operating Revenues	1,690,698	1,690,698	100.00%
Operating Expenses ⁽²⁾			
Personnel expenses	895,394	818,066	91.36%
Office expenses	10,500	8,938	85.13%
General and administrative	185,636	149,160	80.35%
Professional services	236,448	244,794	103.53%
Supplies and equipment	-	-	N/A
Monitoring expenses	-	-	N/A
Repairs and maintenance	31,695	23,531	74.24%
Utilities	16,243	11,450	70.49%
Depreciation and amortization	-	-	N/A
Other expenses	190,735	136,036	71.32%
Total Operating Expenses	1,566,651	1,391,975	88.85%
Operating Income	124,047	298,722	
Non-Operating Revenues			
Investment Income	-	-	
Total Non-Operating Revenues	-	-	
Non-Operating Expenses			
Current Year credits payable	-	-	
Total Non-Operating Expenses	-	-	
Net Income (Loss)	\$ 124,047	298,722	

(1) Percent of year expended: 91.6%

(2) Includes revenues and expenses for Turnouts and adjusted for carryover revenues transferred to FY 2017/18.



Budget and Actual Water Treatment Plant

	May 31, 2018		
	Budget	Actual	Percent Expended ⁽¹⁾
<u>Operating Revenues</u>			
Fixed operating assessments ⁽²⁾	\$ 4,404,404	4,404,404	100.00%
Variable operating assessments	1,831,856	1,432,985	78.23%
Other revenues	-	-	N/A
Non-annual recurring revenues	-	-	N/A
Total Operating Revenues	6,236,260	5,837,389	93.60%
<u>Operating Expenses</u> ⁽²⁾			
Personnel expenses	2,321,959	1,918,717	82.63%
Office expenses	6,000	3,659	60.98%
General and administrative	50,900	36,333	71.38%
Professional services	55,099	41,451	75.23%
Supplies and equipment	1,818,446	1,002,372	55.12%
Monitoring expenses	107,144	68,188	63.64%
Repairs and maintenance	156,485	148,564	94.94%
Utilities	188,171	147,504	78.39%
Depreciation and amortization	-	-	N/A
Other expenses	842,879	214,172	25.41%
Total Operating Expenses	5,547,082	3,580,961	64.56%
Operating Income	689,178	2,256,428	
<u>Non-Operating Revenues</u>			
Interest income	-	-	
Total Non-Operating Revenues	-	-	
<u>Non-Operating Expenses</u>			
Interest	-	-	
Total Non-Operating Expenses	-	-	
Net Income (Loss)	\$ 689,178	2,256,428	

(1) Percent of year expended: 91.6%

(2) Includes revenues and expenses for Turnouts and adjusted for carryover revenues transferred to FY 2017/18.

Central Coast Water Authority
Polonio Pass Water Treatment Plant
Fixed and Variable Cost per Acre-Foot
 May 31, 2018

	July 2017	Aug. 2017	Sept. 2017	Oct. 2017	Nov. 2017	Dec. 2017	Jan. 2018	Feb. 2018	Mar. 2018	April 2018	May 2018	Total for Year
WTP Fixed O&M Costs												
Fixed O&M Expenses	\$ 366,942	\$ 208,961	\$ 232,982	\$ 223,522	\$ 226,030	\$ 309,057	\$ 192,607	\$ 187,126	\$ 221,083	\$ 202,256	\$ 209,840	\$ 2,580,406
Annual Table A Amount ⁽¹⁾	43,908	43,908	43,908	43,908	43,908	43,908	43,908	43,908	43,908	43,908	43,908	43,908
Fixed WTP Cost per AF	\$ 8.36	\$ 4.76	\$ 5.31	\$ 5.09	\$ 5.15	\$ 7.04	\$ 4.39	\$ 4.26	\$ 5.04	\$ 4.61	\$ 4.78	\$ 58.77
WTP Variable O&M Costs												
Variable O&M Expenses	\$ 113,489	\$ 96,450	\$ 122,342	\$ 92,340	\$ 19,971	\$ 105,387	\$ 105,300	\$ 80,897	\$ 74,515	\$ 76,245	\$ 113,620	\$ 1,000,556
Actual Water Treated	3,367	3,569	3,237	2,774	694	2,618	2,372	2,291	1,856	2,149	2,673	27,600
Variable WTP Cost per AF	\$ 33.71	\$ 27.02	\$ 37.79	\$ 33.29	\$ 28.78	\$ 40.25	\$ 44.39	\$ 35.31	\$ 40.15	\$ 35.48	\$ 42.51	\$ 36.25

⁽¹⁾ Includes Santa Barbara County and San Luis Obispo County Table A amounts and excludes Goleta 2,500 AF drought buffer and Santa Barbara County 3,908 AF drought buffer.



Budget and Actual Mission Hills II

	May 31, 2018		
	Budget	Actual	Percent Expended ⁽¹⁾
<u>Operating Revenues</u>			
Fixed operating assessments ⁽²⁾	\$ 329,186	329,186	100.00%
Variable operating assessments	-	-	N/A
Other revenues	-	-	N/A
Total Operating Revenues	329,186	329,186	100.00%
<u>Operating Expenses</u> ⁽²⁾			
Personnel expenses	205,414	169,308	82.42%
Office expenses	501	259	51.79%
General and administrative	3,919	2,703	68.96%
Professional services	12,648	1,851	14.64%
Supplies and equipment	13,557	7,692	56.74%
Monitoring expenses	-	-	N/A
Repairs and maintenance	9,789	10,672	109.02%
Utilities	6,916	2,306	33.34%
Depreciation and amortization	-	-	N/A
Other expenses	23,495	19,643	83.60%
Total Operating Expenses	276,240	214,434	77.63%
Operating Income	52,947	114,752	
<u>Non-Operating Revenues</u>			
Interest income	-	-	
Total Non-Operating Revenues	-	-	
<u>Non-Operating Expenses</u>			
Interest	-	-	
Total Non-Operating Expenses	-	-	
Net Income (Loss)	\$ 52,947	114,752	

(1) Percent of year expended: 91.6%

(2) Includes revenues and expenses for Turnouts and adjusted for carryover revenues transferred to FY 2017/18.



Budget and Actual Santa Ynez I

	May 31, 2018		
	Budget	Actual	Percent Expended ⁽¹⁾
Operating Revenues			
Fixed operating assessments ⁽²⁾	\$ 573,420	573,420	100.00%
Variable operating assessments	-	-	N/A
Other revenues	-	-	N/A
Total Operating Revenues	573,420	573,420	100.00%
Operating Expenses ⁽²⁾			
Personnel expenses	286,085	252,092	88.12%
Office expenses	698	361	51.71%
General and administrative	5,457	3,763	68.95%
Professional services	17,615	3,773	21.42%
Supplies and equipment	18,882	12,096	64.06%
Monitoring expenses	-	-	N/A
Repairs and maintenance	13,634	8,214	60.25%
Utilities	9,632	4,854	50.39%
Depreciation and amortization	-	-	N/A
Other expenses	116,202	19,839	17.07%
Total Operating Expenses	468,207	304,991	65.14%
Operating Income	105,213	268,429	
Non-Operating Revenues			
Interest income	-	-	
Total Non-Operating Revenues	-	-	
Non-Operating Expenses			
Interest	-	-	
Total Non-Operating Expenses	-	-	
Net Income (Loss)	\$ 105,213	268,429	

(1) Percent of year expended: 91.6%

(2) Includes revenues and expenses for Turnouts and adjusted for carryover revenues transferred to FY 2017/18.



Budget and Actual Santa Ynez II

	May 31, 2018		
	Budget	Actual	Percent Expended ⁽¹⁾
<u>Operating Revenues</u>			
Fixed operating assessments ⁽²⁾	\$ 827,968	827,968	100.00%
Variable operating assessments	999,532	900,679	90.11%
Other revenues	-		N/A
Total Operating Revenues	1,827,500	1,728,648	94.59%
<u>Operating Expenses</u> ⁽²⁾			
Personnel expenses	396,700	336,617	84.85%
Office expenses	967	501	51.80%
General and administrative	7,566	5,586	73.83%
Professional services	24,426	5,849	23.95%
Supplies and equipment	26,183	15,116	57.73%
Monitoring expenses	-	-	N/A
Repairs and maintenance	18,906	26,641	140.91%
Utilities	1,012,888	880,023	86.88%
Depreciation and amortization	-	-	N/A
Other expenses	199,621	60,895	30.51%
Total Operating Expenses	1,687,258	1,331,227	78.90%
Operating Income	140,242	397,420	
<u>Non-Operating Revenues</u>			
Interest income	-	-	
Total Non-Operating Revenues	-	-	
<u>Non-Operating Expenses</u>			
Interest	-	-	
Total Non-Operating Expenses	-	-	
Net Income (Loss)	\$ 140,242	397,420	

(1) Percent of year expended: 91.6%

(2) Includes revenues and expenses for Turnouts and adjusted for carryover revenues transferred to FY 2017/18.



Budget and Actual Reach 33B

	May 31, 2018		
	Budget	Actual	Percent Expended ⁽¹⁾
Operating Revenues			
Fixed operating assessments ⁽²⁾	\$ 619,066	619,067	100.00%
Variable operating assessments	-	-	N/A
Other revenues	-	-	N/A
Total Operating Revenues	619,066	619,067	100.00%
Operating Expenses ⁽²⁾			
Personnel expenses	349,680	260,847	74.60%
Office expenses	853	441	51.72%
General and administrative	6,670	4,600	68.96%
Professional services	21,531	3,151	14.63%
Supplies and equipment	23,081	13,098	56.75%
Monitoring expenses	-	-	N/A
Repairs and maintenance	16,665	16,455	98.74%
Utilities	11,773	8,169	69.38%
Depreciation and amortization	-	-	N/A
Other expenses	49,996	21,851	43.70%
Total Operating Expenses	480,249	328,612	68.43%
Operating Income	138,817	290,454	
Non-Operating Revenues			
Interest income	-	-	
Total Non-Operating Revenues	-	-	
Non-Operating Expenses			
Interest	-	-	
Total Non-Operating Expenses	-	-	
Net Income (Loss)	\$ 138,817	290,454	

(1) Percent of year expended: 91.6%

(2) Includes revenues and expenses for Turnouts and adjusted for carryover revenues transferred to FY 2017/18.



Budget and Actual Reach 34

	May 31, 2018		
	Budget	Actual	Percent Expended ⁽¹⁾
<u>Operating Revenues</u>			
Fixed operating assessments ⁽²⁾	\$ 271,013	271,013	100.00%
Variable operating assessments	-	-	N/A
Other revenues	-	-	N/A
Total Operating Revenues	271,013	271,013	100.00%
<u>Operating Expenses</u> ⁽²⁾			
Personnel expenses	166,057	124,716	75.10%
Office expenses	405	210	51.79%
General and administrative	3,168	2,185	68.97%
Professional services	10,225	1,496	14.63%
Supplies and equipment	10,960	6,430	58.66%
Monitoring expenses	-	-	N/A
Repairs and maintenance	7,914	6,271	79.25%
Utilities	5,591	4,503	80.54%
Depreciation and amortization	-	-	N/A
Other expenses	35,552	10,708	30.12%
Total Operating Expenses	239,871	156,518	65.25%
Operating Income	31,142	114,494	
<u>Non-Operating Revenues</u>			
Interest income	-	-	
Total Non-Operating Revenues	-	-	
<u>Non-Operating Expenses</u>			
Interest	-	-	
Total Non-Operating Expenses	-	-	
Net Income (Loss)	\$ 31,142	114,494	

(1) Percent of year expended: 91.6%

(2) Includes revenues and expenses for Turnouts and adjusted for carryover revenues transferred to FY 2017/18.



Budget and Actual Reach 35

	May 31, 2018		
	Budget	Actual	Percent Expended ⁽¹⁾
Operating Revenues			
Fixed operating assessments ⁽²⁾	\$ 176,224	176,224	100.00%
Variable operating assessments	-	-	N/A
Non-annual recurring revenues	-	-	N/A
Other revenues	-	-	N/A
Total Operating Revenues	176,224	176,224	100.00%
Operating Expenses ⁽²⁾			
Personnel expenses	120,033	84,418	70.33%
Office expenses	293	152	51.83%
General and administrative	2,289	1,580	69.04%
Professional services	7,391	1,082	14.64%
Supplies and equipment	7,923	4,389	55.39%
Monitoring expenses	-	-	N/A
Repairs and maintenance	5,720	1,812	31.68%
Utilities	4,041	1,708	42.26%
Depreciation and amortization	-	-	N/A
Other expenses	13,730	7,180	52.29%
Total Operating Expenses	161,420	102,321	63.39%
Operating Income	14,804	73,904	
Non-Operating Revenues			
Interest income	-	-	
Total Non-Operating Revenues	-	-	
Non-Operating Expenses			
Interest	-	-	
Total Non-Operating Expenses	-	-	
Net Income (Loss)	\$ 14,804	73,904	

(1) Percent of year expended: 91.6%

(2) Includes revenues and expenses for Turnouts and adjusted for carryover revenues transferred to FY 2017/18.



Budget and Actual Reach 37

	May 31, 2018		
	Budget	Actual	Percent Expended ⁽¹⁾
Operating Revenues			
Fixed operating assessments ⁽²⁾	\$ 69,267	69,267	100.00%
Variable operating assessments	-	-	N/A
Non-annual recurring revenues	-	-	N/A
Other revenues	-	-	N/A
Total Operating Revenues	69,267	69,267	100.00%
Operating Expenses ⁽²⁾			
Personnel expenses	45,683	33,933	74.28%
Office expenses	112	58	51.24%
General and administrative	872	600	68.79%
Professional services	2,813	1,254	44.59%
Supplies and equipment	3,015	1,667	55.28%
Monitoring expenses	-	-	N/A
Repairs and maintenance	2,177	4,715	216.58%
Utilities	1,539	470	30.53%
Depreciation and amortization	-	-	N/A
Other expenses	5,225	2,832	54.19%
Total Operating Expenses	61,437	45,528	74.11%
Operating Income	7,830	23,739	
Non-Operating Revenues			
Interest income	-	-	
Total Non-Operating Revenues	-	-	
Non-Operating Expenses			
Interest	-	-	
Total Non-Operating Expenses	-	-	
Net Income (Loss)	\$ 7,830	23,739	

(1) Percent of year expended: 91.6%

(2) Includes revenues and expenses for Turnouts and adjusted for carryover revenues transferred to FY 2017/18.



Budget and Actual Reach 38

	May 31, 2018		
	Budget	Actual	Percent Expended ⁽¹⁾
Operating Revenues			
Fixed operating assessments ⁽²⁾	\$ 108,227	108,227	100.00%
Variable operating assessments	-	-	N/A
Non-annual recurring revenues	-	-	N/A
Other revenues	-	-	N/A
Total Operating Revenues	108,227	108,227	100.00%
Operating Expenses ⁽²⁾			
Personnel expenses	71,216	61,420	86.24%
Office expenses	174	90	51.81%
General and administrative	1,358	937	68.97%
Professional services	4,385	945	21.54%
Supplies and equipment	4,700	2,602	55.35%
Monitoring expenses	-	-	N/A
Repairs and maintenance	3,394	4,474	131.82%
Utilities	2,398	733	30.59%
Depreciation and amortization	-	-	N/A
Other expenses	8,146	4,257	52.26%
Total Operating Expenses	95,772	75,457	78.79%
Operating Income	12,455	32,769	
Non-Operating Revenues			
Interest income	-	-	
Total Non-Operating Revenues	-	-	
Non-Operating Expenses			
Interest	-	-	
Total Non-Operating Expenses	-	-	
Net Income (Loss)	\$ 12,455	32,769	

(1) Percent of year expended: 91.6%

(2) Includes revenues and expenses for Turnouts and adjusted for carryover revenues transferred to FY 2017/18.

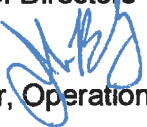


CENTRAL COAST WATER AUTHORITY

MEMORANDUM

June 18, 2018

TO: CCWA Board of Directors

FROM: John Brady 
Deputy Director, Operations and Engineering

SUBJECT: Operations Report, April and May 2018

The Polonio Pass Water Treatment Plant's production and chemical costs, as well as the Santa Ynez Pumping Plant production for April and May 2018 are presented below:

Month	Plant Production (AF)	Chemical Costs (\$/AF)	SYPP Pumping (AF)
April, 2018	2,268.12	\$36.55	1,218.23
May, 2018	2,820.38	\$29.06	1,254.59

WATER TREATMENT PLANT (WTP)

- Bids for the Granular Activated Carbon (GAC) Filter Media Replacement Project were received on April 16, 2018. WTP staff completed a detailed review of the Bids and found the apparent low bidder was non-responsive to the requirements of the Request for Bids. Staff made a recommendation to the Board to award the contract to Carbon Activated Corporation in the amount of \$401,750.
- Following Board approval, WTP staff moved forward with execution of the contract with Carbon Activated Corporation to replace the GAC Filter Media at the WTP. The replacement work is currently scheduled to be completed prior to the 2018 Winter Shutdown, which is scheduled to begin in late October/early November.
- WTP Staff completed processing of the Bulk Chemical Contracts and Contract extensions. The work completed included a thorough review of the required insurance coverage and performance bonds. Once all submittals were accepted, the contracts were executed.
- WTP staff issued a Request For Qualifications (RFQ) for design services for the WTP Heating, Ventilation and Air Conditioning (HVAC) System. All of the Statement of Qualifications received in response to the RFQ were reviewed and ranked. 3C Engineering was ranked as the highest qualified engineering consultant for the project. WTP staff successfully negotiated a scope of work and cost with 3C and work was subsequently initiated.
- In response to CCWA and other SWP Contractors, DWR prepared a report detailing their use of non-NSF 61 herbicides upstream of drinking water plants, specifically addressing DWR's use of Endothal in the SWP conveyance system at concentrations up to 40 times higher than the State Drinking Water Standard. CCWA coordinated a review and rebuttal of the DWR report, which was lacking in its analysis. In addition, CCWA staff attended a meeting with DWR and other SWP Contractors to discuss the issue on May 30, 2018 in Sacramento.
- The annual Drinking Water System Report was prepared by WTP staff and submitted the Department of Drinking Water, as required prior to the established deadline.
- Due to a planned PG&E project, the WTP operated on emergency power during several lengthy power outages that were part of the project. This same project included the installation of a temporary substation near the WTP. Upon commissioning of the temporary

substation, the voltage of the power supplied to the WTP was elevated. This issue was resolved through working with PG&E.

- The inlet piping of the WTP was painted as part of a budgeted project. In addition, the CCWA engineering consultant was retained to develop polyurethane specifications for the Filter Launder Coating Project and the Intermediate Flash Mix Lining Project.
- The Maintenance staff completed the following items: (1) maintenance of the Clarifier Unit, (2) repair of the Clarifier Rectifier display, (3) chlorine injector replacement/service at the Intermediate Flash Mix, Combined Filter Effluent and Chlorine Contact Basin, (4) re-grading of the monofill as part of its routine scheduled maintenance, (5) repaired and serviced the caustic transfer pump and blending pump, (6) replaced the fill valves of the caustic tanks, (7) serviced the caustic transfer pump of the Chlorine Scrubber Unit, (8) annual Chlorine Scrubber Unit maintenance, (9) annual emergency chlorine cylinder shutoff valve service, (10) air drier, space heater and ventilation service, (11) annual mowing of the WTP perimeter as a fire control measure, (12) conditioned water sample pump replacement, (13) serviced lagoon access road and (14) modified the 2 inch drain valve of the Operations Building Fire System to improve function.

DISTRIBUTION

- The recruitment effort to fill one Distribution Technician position continued through conducting several interviews. Upon completion of the interviews, a qualified applicant was not identified. Consequently, recruitment efforts were redirected to fill a trainee position. A total of ten applicants were selected for an interview, which were scheduled for early June.
- Pump and Motor #1 was returned to service after being rebuilt at the Santa Ynez Pumping Plant. Distribution staff re-installed Pump/Motor #1 into Bay #1 and removed Pump/Motor #5 from Bay #1 and returned it to Bay #5. All installation work was completed by CCWA staff.
- CCWA Engineering Consultant initiated work to evaluate corrosion issues associated with selected Air Vacuum/Air Release Valves located south of the Tank 5 site. A scope of work to repair the corroded piping will be developed and implemented in the 2018 Winter Shutdown.
- To resolve issues related to unauthorized encroachments on the same parcel of land in which the CCWA Fiber Optic Cable Repair was severed, the Deputy Director met with the property owner. An agreement was reached to allow for a scheduled removal of the unauthorized encroachments under CCWA supervision.
- Distribution staff solicited bids for a pavement overlay of the Buellton Administrative Office Parking Lot. The lowest responsive bid was Granite Construction and they were awarded the contract at a cost of \$36,427.
- Distribution Staff moved forward with the Turnout Fencing Project. Staff contacted each Participant about the plan to install security fencing around their Turnout and, where needed, to seek permission to install the fencing. Drawings of the proposed fencing for each Turnout were shared with each Participant.
- Slope erosion has been identified as an issue at the Tank #2 site. Staff conducted an inspection to evaluate the cause of the erosion and have developed a scope of work to implement the required repair and associated maintenance work. As part of this repair work, it was determined that the security fence located on the bottom of the slope in question needed to be relocated to allow better access for slope maintenance work. A drawing of the fence modifications was prepared and submitted to DWR for concurrence, as Tank #2 is owned by DWR.
- The quarterly testing of Distribution Technicians for their chemical analysis skills was completed and all staff passed.
- The annual mowing of the pipeline Right-of-Way was initiated and continued. All access roads to the pipeline facilities are mowed annually as a fire prevention measure.

- Several property/encroachment actions were taken including (1) DWR accepted CCWA staff's recommendation to deny an encroachment permit for two unauthorized encroachments involving wind fences and shade structures along agricultural fields near the intersection of Black Road and Stowell. CCWA staff supervised the removal of the shade structures and wind fencing, (2) CCWA staff worked with County Staff to resolve the replacement of existing PG&E power poles within DWR/CCWA easement, which provides power to the North Santa Barbara County Jail, which was located in the DWR/CCWA easement, and (3) CCWA staff responded to a number of property owner inquiries, including providing as-built documentation and field marking.
- Work continues on the development of the CCWA Geographical Information System (GIS). Additional staff resources has been assigned to this project to bring the GIS to a more developed stage and will match DWR's current effort to fully develop their GIS System.

LABORATORY

- Laboratory staff continued water quality instrumentation calibration work throughout the plant. Staff also continued routine analysis of compliance and process samples to support operations and completed the quarterly quality assurance/quality control (QA/QC) testing of staff's chemical analytical skills.
- Laboratory staff assisted with the review of the DWR Technical Report on their use on non-NSF 61 Herbicide upstream of the Polonio Pass WTP. Also, prepared for the sampling and monitoring of DWR's planned herbicide application in the O'Neil Forebay.
- Laboratory staff coordinated the annual sampling and analysis of the Title 22 suite of chemicals. In addition, Laboratory staff coordinated the copper monitoring of raw water as DWR applied copper sulfate in the Coastal Branch.
- Laboratory staff initiated review of the Quality Control and Quality Assurance testing for the planned Granular Activated Carbon Filter Media Replacement Project.
- Laboratory staff assisted with the development of specifications for an online ammonia analyzer for the WTP.

INSTRUMENTATION/NETWORK

- Instrumentation staff assisted the Distribution Department in re-installing Pump and Motor #1 and relocating Pump/Motor #5 from Bay #1 to Bay #5.
- CCWA's network design consultant completed the configuration, programming and testing of the new CCWA fiber optic cable network switches. An implementation plan was also developed for replacing all network switches with minimum downtime for the CCWA network. CCWA staff also received training for the installation procedures.
- In response to an American Water Works Association Advisory regarding Russian State sponsored cyber-actions toward critical infrastructure, the CCWA network implemented geo-filtering of the "big three" attack sources: China, Russian Federation and Turkey.
- As part of the PLC upgrade project, Instrumentation staff attended presentations from Siemen Controls and Bradbury Controls to evaluate the best path forward for upgrading the existing PLC platform, which will lose vender support in the near future. Staff also performed a survey of CCWA Participants and other local water agencies to determine what PLC platform is in use locally.
- Dual factor authentication was implemented for the CCWA network as an added level of network security.
- Instrumentation staff procured and installed new online ammonia analyzers for the pipeline. Two Chemscan Ammonia Analyzers were procured and one unit was installed at the Tank 7 site. The second unit will be installed at the Tank 5 site in June.
- Instrumentation staff prepared a Request for Bids (RFB) for switchgear maintenance work for the WTP and Santa Ynez Pumping Plant. In addition, an RFB was prepared for the ammonia analyzers for the WTP.

- The new Fire Alarm Panel was installed and configured at the SYPP. Also, work continued with the installation and troubleshooting of the ultrasonic flow meter at Isolation Vault #1, including coordinating a manufacturer representative's visit to the installation site.

GENERAL

- Work continues on a major Property Record Audit Project in conjunction with DWR. The main goal of the project is to ensure that CCWA's official property records, the County Recorder's property records and DWR property records are the same. CCWA staff completed review and consolidation of CCWA property records and found only a small number of missing records. DWR is currently reviewing the information developed by CCWA and will attempt to locate the small number of missing files. A teleconference with DWR is currently being scheduled to discuss the next steps for contacting the County Recorder's Office.
- DWR responded to CCWA's letter concerning discrepancies between CCWA delivery records and DWR delivery records. DWR essentially agreed with CCWA observations. Some additional work is needed to coordinate DWR, CCWA and CCWA Exchange Partners records to complete the 2017 reconciliation.
- CCWA Water Delivery records were provided to the Santa Ynez River Conservation District for selected Participants.

JLB
Attachments

**MONTHLY SUMMARY OF MINERAL AND PHYSICAL ANALYSIS
TREATED WATER (TW) & CLEARWELL (CW)**

System Name: Central Coast Water Authority

System Number: 4210030

Treatment Plant Name: Polonio Pass Water Treatment Plant

April 2018

Date:	TW pH (SU)	TW Turbidity (NTU)	Filter Rate (gpm/ft ²)	CW Odor (TON)	TW Total Coliform	CW Cl- (mg/L)	CW Total Alk (mg/L)	CW Hardness (mg/L)		TW Chlorine (mg/L)		CCB3 Chlorine Free (mg/L)	TW NH3-N (mg/L)		(CCB3 Cl2 Free) / (TW NH3-N Total)	CW E.C. (uS/cm)	TW TOC (mg/L)
								Total	Ca	Total	Free		Total	Free			
1	8.35	0.07	4.52	0.0	ABSENT	76	72	117	58	2.82	0.00	2.60	0.54	0.00	4.8		
2	8.23	0.07	4.56	0.0	ABSENT	77	71	118	59	2.81	0.00	2.65	0.54	0.00	4.9	550	3.2
3	8.18	0.07	4.56	0.0	ABSENT	78	74	123	60	2.82	0.00	2.60	0.53	0.00	4.9		
4	8.36	0.07	4.51	0.0	ABSENT	82	75	119	61	2.85	0.00	2.77	0.54	0.00	5.1		
5	8.26	0.06	4.46	0.0	ABSENT	79	76	125	59	2.88	0.00	2.78	0.55	0.01	5.1		
6	8.34	0.06	4.79	0.0	ABSENT	75	75	127	61	2.92	0.00	2.79	0.56	0.00	5.0		
7	8.29	0.06	4.56	0.0	ABSENT	71	74	124	61	2.90	0.00	2.75	0.56	0.00	4.9		
8	8.32	0.05	4.70	0.0	ABSENT	60	69	104	50	2.92	0.00	2.81	0.57	0.00	4.9		
9	8.39	0.05	4.85	0.0	ABSENT	59	64	102	51	2.90	0.00	2.76	0.57	0.00	4.8	457	
10	8.27	0.06	4.56	0.0	ABSENT	57	62	95	44	2.84	0.00	2.71	0.55	0.00	4.9		
11	8.28	0.06	4.66	0.0	ABSENT	54	60	98	50	2.89	0.00	2.68	0.56	0.00	4.8		
12	8.27	0.06	4.95	0.0	ABSENT	54	58	91	48	2.88	0.00	2.74	0.56	0.00	4.9		
13	8.30	0.06	4.76	0.0	ABSENT	51	58	89	43	2.92	0.00	2.79	0.55	0.00	5.1		
14	8.32	0.06	4.56	0.0	ABSENT	52	59	89	47	2.83	0.00	2.78	0.56	0.00	5.0		
15	8.33	0.06	4.42	0.0	ABSENT	51	60	90	46	2.77	0.00	2.73	0.54	0.01	5.1		
16	8.28	0.06	4.32	0.0	ABSENT	51	57	89	45	2.92	0.00	2.89	0.53	0.00	5.5	425	
17	8.28	0.06	4.56	0.0	ABSENT	52	57	91	48	2.94	0.00	2.82	0.57	0.00	4.9		
18	8.35	0.05	4.56	0.0	ABSENT	50	59	90	45	2.93	0.00	2.81	0.57	0.00	4.9		
19	8.31	0.06	4.56	0.0	ABSENT	53	59	89	44	2.93	0.00	2.82	0.56	0.00	5.0		
20	8.26	0.06	4.56	0.0	ABSENT	55	60	96	46	2.90	0.00	2.75	0.55	0.00	5.0		
21	8.34	0.06	4.56	0.0	ABSENT	56	60	104	50	2.75	0.00	2.64	0.54	0.00	4.9		
22	8.28	0.06	4.56	0.0	ABSENT	59	59	106	51	2.83	0.00	2.65	0.54	0.00	4.9		
23	8.30	0.07	4.61	0.0	ABSENT	53	59	91	42	2.85	0.00	2.65	0.54	0.00	4.9	410	
24	8.29	0.06	4.92	0.0	ABSENT	50	56	86	42	2.77	0.00	2.76	0.52	0.00	5.3		
25	8.23	0.06	5.14	0.0	ABSENT	50	57	88	45	2.89	0.00	2.85	0.55	0.00	5.2		
26	8.28	0.05	5.14	0.0	ABSENT	48	54	88	38	2.87	0.00	2.81	0.56	0.00	5.0		
27	8.26	0.06	5.14	0.0	ABSENT	46	53	85	42	2.87	0.00	2.80	0.55	0.00	5.1		
28	8.27	0.06	5.14	0.0	ABSENT	43	51	82	39	2.83	0.00	2.79	0.55	0.00	5.1		
29	8.24	0.05	4.95	0.0	ABSENT	40	47	78	39	2.88	0.00	2.83	0.55	0.00	5.1		
30	8.28	0.05	4.97	0.0	ABSENT	41	44	73	38	2.83	0.00	2.78	0.56	0.00	5.0	345	
Avg	8.29	0.06	4.70	0.00		57	61	98	48	2.86	0.00	2.75	0.55	0.00	5.0	437	3.20

**MONTHLY SUMMARY OF MINERAL AND PHYSICAL ANALYSIS
RAW WATER (RW) AND SETTLED WATER (SW)**

System Name:

Central Coast Water Authority

System Number:

4210030

Treatment Plant Name:

Polonio Pass Water Treatment Plant

April

2018

Date:	RW pH (SU)	RW Turbidity (NTU)	SW Turbidity (NTU)	RW Odor (TON)	RW Total Coliform (MPN)	RW E. Coli (MPN)	RW Cl- (mg/L)	RW Alkalinity (mg/L)		RW Hardness (mg/L)		RW E.C. (uS/cm)	RW TOC (mg/L)
								Total	Phenol	Total	Ca		
1	8.60	1.65	0.77	1.0			74	79	5	118	61		
2	8.48	2.15	0.77	1.0	57	19	74	81	2	120	62	522	5.0
3	8.38	1.88	0.79	1.0			73	83	0	119	58		
4	8.55	2.02	0.73	1.0			77	83	3	117	60		
5	8.55	2.08	0.68	1.5			76	84	3	123	60		
6	8.24	1.98	0.67	1.0			70	82	0	126	64		
7	8.04	2.32	0.62	1.0			68	81	0	126	62		
8	7.87	2.38	0.76	1.0			56	74	0	98	46		
9	7.80	2.22	0.86	1.0	121	22	55	69	0	100	52		
10	7.78	2.88	0.78	1.5			53	66	0	93	47		
11	7.75	2.90	0.92	1.0			50	66	0	94	48		
12	7.73	3.38	0.95	1.0			49	63	0	95	46		
13	7.73	3.30	0.94	1.0			52	61	0	92	47		
14	7.80	3.38	0.91	1.0			50	62	0	90	48		
15	7.82	3.30	0.99	1.0			48	62	0	92	47		
16	7.84	1.62	0.93	1.0	88	17	49	61	0	89	48	362	
17	7.90	3.38	0.84	1.0			49	62	0	90	49		
18	7.93	2.90	0.85	1.0			46	62	0	85	46		
19	7.97	3.63	0.79	2.0			50	60	0	97	47		
20	8.03	3.13	0.82	2.0			53	63	0	98	46		
21	8.18	2.80	0.85	1.0			53	65	0	107	51		
22	8.37	2.48	0.91	1.0			57	61	3	105	52		
23	8.68	2.48	0.93	2.0	146	39	48	63	6	92	42	352	
24	8.84	2.78	0.82	1.5			46	63	9	85	44		
25	8.76	2.42	0.67	1.5			46	60	6	92	44		
26	8.66	2.42	0.71	1.5			44	61	5	89	42		
27	8.68	2.60	0.66	1.0			40	59	4	88	42		
28	8.79	2.77	0.70	1.0			36	55	6	77	38		
29	8.69	2.68	0.67	1.0			36	52	4	76	37		
30	8.38	2.53	0.74	1.0	71	23	37	46	1	75	40		
Avg	8.23	2.61	0.80	1.2	97	24	54	66	2	98	49	412	5.0

**MONTHLY SUMMARY OF MINERAL AND PHYSICAL ANALYSIS
TREATED WATER (TW) & CLEARWELL (CW)**

System Name: Central Coast Water Authority

System Number: 4210030

Treatment Plant Name: Polonio Pass Water Treatment Plant

May 2018

Date:	TW pH (SU)	TW Turbidity (NTU)	Filter Rate (gpm/ft ²)	CW Odor (TON)	TW Total Coliform	CW Cl- (mg/L)	CW Total Alk (mg/L)	CW Hardness (mg/L)		TW Chlorine (mg/L)		CCB3 Chlorine Free (mg/L)	TW NH3-N (mg/L)		(CCB3 Cl2 Free) / (TW NH3-N Total)	CW E.C. (uS/cm)	TW TOC (mg/L)
								Total	Ca	Total	Free		Total	Free			
1	8.34	0.05	5.14	0.0	ABSENT	42	46	72	37	2.88	0.00	2.74	0.55	0.00	5.0		
2	8.38	0.05	5.14	0.0	ABSENT	43	45	72	38	2.85	0.00	2.74	0.56	0.00	4.9		
3	8.30	0.05	5.09	0.0	ABSENT	45	46	74	36	2.83	0.00	2.72	0.57	0.00	4.8		
4	8.32	0.05	5.14	0.0	ABSENT	50	47	73	39	2.83	0.00	2.74	0.54	0.00	5.1		
5	8.33	0.05	5.24	0.0	ABSENT	52	48	77	41	2.75	0.00	2.74	0.54	0.00	5.1		
6	8.37	0.05	4.77	0.0	ABSENT	56	51	76	39	2.85	0.00	2.77	0.55	0.00	5.0		
7	8.32	0.05	4.69	0.0	ABSENT	64	52	85	42	2.88	0.00	2.76	0.55	0.00	5.0	435	2.2
8	8.40	0.04	4.32	0.0	ABSENT	67	61	86	44	2.83	0.00	2.72	0.55	0.00	4.9		
9	8.24	0.04	4.09	0.0	ABSENT	69	55	85	42	2.78	0.00	2.82	0.53	0.00	5.3		
10	8.30	0.05	4.37	0.0	ABSENT	72	56	86	42	2.78	0.00	2.78	0.53	0.01	5.2		
11	8.43	0.05	4.53	0.0	ABSENT	75	60	91	45	2.78	0.00	2.90	0.55	0.00	5.3		
12	8.33	0.05	4.48	0.0	ABSENT	76	61	96	49	2.83	0.00	2.68	0.54	0.00	5.0		
13	8.23	0.05	4.26	0.0	ABSENT	74	62	97	51	2.89	0.00	2.76	0.54	0.00	5.1		
14	8.23	0.04	4.42	0.0	ABSENT	73	61	92	42	2.93	0.00	2.78	0.55	0.00	5.1	469	
15	8.33	0.05	4.69	0.0	ABSENT	75	57	92	44	2.89	0.00	2.77	0.56	0.00	4.9		
16	8.35	0.06	4.85	0.0	ABSENT	74	57	93	47	2.83	0.00	2.70	0.54	0.00	5.0		
17	8.32	0.06	4.74	0.0	ABSENT	75	56	91	47	2.80	0.00	2.60	0.53	0.00	4.9		
18	8.29	0.06	4.85	0.0	ABSENT	76	60	95	46	2.83	0.00	2.68	0.53	0.00	5.1		
19	8.35	0.05	4.84	0.0	ABSENT	76	60	94	48	2.82	0.00	2.69	0.53	0.00	5.1		
20	8.33	0.06	4.85	0.0	ABSENT	77	60	92	45	2.82	0.00	2.72	0.54	0.00	5.0		
21	8.27	0.05	4.93	0.0	ABSENT	76	60	96	48	2.95	0.00	2.84	0.55	0.00	5.2	467	
22	8.33	0.05	4.94	0.0	ABSENT	78	60	97	48	2.93	0.00	2.83	0.54	0.00	5.2		
23	8.33	0.05	3.93	0.0	ABSENT	79	61	98	48	2.93	0.00	2.83	0.56	0.00	5.1		
24	8.46	0.06	5.01	0.0	ABSENT	75	62	97	49	2.88	0.00	2.77	0.55	0.00	5.0		
25	8.23	0.06	5.26	0.0	ABSENT	74	60	97	49	2.93	0.00	2.78	0.55	0.00	5.1		
26	8.21	0.06	5.34	0.0	ABSENT	70	58	94	44	2.88	0.00	2.82	0.54	0.00	5.2		
27	8.38	0.05	5.34	0.0	ABSENT	70	58	85	43	2.86	0.00	2.75	0.55	0.00	5.0		
28	8.21	0.06	5.34	0.0	ABSENT	70	58	94	44	2.88	0.00	2.82	0.54	0.00	5.2		
29	8.28	0.06	4.80	0.0	ABSENT	70	59	85	46	2.74	0.00	2.62	0.52	0.00	5.0	438	
30	8.33	0.06	4.76	0.0	ABSENT	72	59	89	45	2.90	0.00	2.74	0.54	0.00	5.1		
31	8.31	0.05	4.85	0.0	ABSENT	73	61	93	45	2.88	0.00	2.83	0.54	0.00	5.2		
Avg	8.32	0.05	4.81	0.00		68	57	89	44	2.85	0.00	2.76	0.54	0.00	5.1	452	2.20

**MONTHLY SUMMARY OF MINERAL AND PHYSICAL ANALYSIS
RAW WATER (RW) AND SETTLED WATER (SW)**

System Name: Central Coast Water Authority

System Number: 4210030

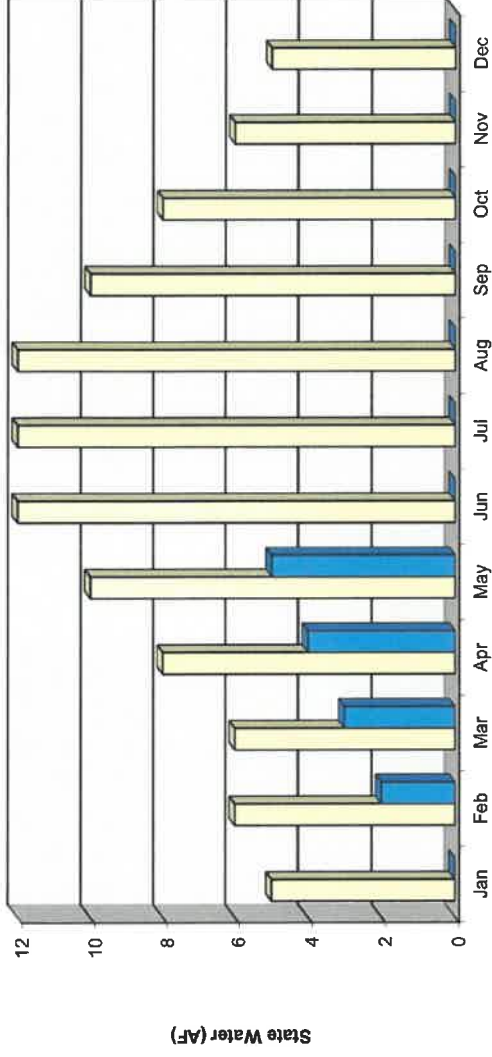
Treatment Plant Name: Polonio Pass Water Treatment Plant

May 2018

Date:	RW pH (SU)	RW Turbidity (NTU)	SW Turbidity (NTU)	RW Odor (TON)	RW Total Coliform (MPN)	RW E. Coli (MPN)	RW Cl- (mg/L)	RW Alkalinity (mg/L)		RW Hardness (mg/L)		RW E.C. (uS/cm)	RW TOC (mg/L)
								Total	Phenol	Total	Ca		
1	8.36	2.37	0.64	1.0			40	53	1	72	39		
2	8.35	2.32	0.76	1.0			41	53	1	73	38		
3	8.37	2.33	0.72	1.0			46	53	1	75	36		
4	8.28	2.40	0.77	1.0			47	53	1	74	38		
5	8.25	2.07	0.69	1.0			51	54	1	77	44		
6	8.37	1.78	0.57	1.0			57	57	2	79	41		
7	8.72	1.75	0.55	1.0	225	124	65	58	6	84	45	424	3.6
8	8.87	1.50	0.59	1.0			65	66	11	86	42		
9	8.73	1.60	0.56	1.0			68	64	7	85	42		
10	8.61	1.48	0.54	1.0			70	68	4	89	46		
11	8.64	1.18	0.54	1.5			70	66	5	93	49		
12	8.73	1.20	0.64	1.0			70	64	6	94	51		
13	8.83	1.33	0.54	1.0			69	67	10	97	53		
14	8.88	1.26	0.46	1.0	210	20	73	68	7	94	44	438	
15	9.03	1.35	0.63	1.0			73	64	10	92	48		
16	9.02	1.37	0.62	1.0			76	65	10	93	47		
17	8.80	1.40	0.57	2.5			72	66	6	94	50		
18	8.67	1.07	0.56	1.5			73	66	5	92	46		
19	8.74	0.91	0.56	1.5			73	64	6	93	47		
20	8.86	0.81	0.53	1.5			75	66	8	92	45		
21	8.87	0.76	0.48	1.0	111	28	73	66	7	93	46	435	
22	8.95	0.85	0.57	1.0			74	65	9	101	49		
23	8.91	0.94	0.54	1.0			75	66	10	98	49		
24	8.98	1.35	0.69	1.0			72	69	12	98	49		
25	8.95	1.40	0.73	1.0			69	65	11	92	47		
26	8.69	1.32	0.66	1.0			66	61	5	88	48		
27	8.77	1.48	0.67	1.0			68	59	5	87	45		
28	8.69	1.32	0.66	1.0			66	61	5	88	48		
29	8.99	1.33	0.67	1.5	157	17	66	62	11	88	46	423	
30	8.88	1.43	0.57	1.0			72	63	7	91	46		
31	8.64	1.92	0.51	1.0			68	65	4	93	47		
Avg	8.72	1.47	0.61	1.1	176	47	66	62	6	89	46	430	3.6

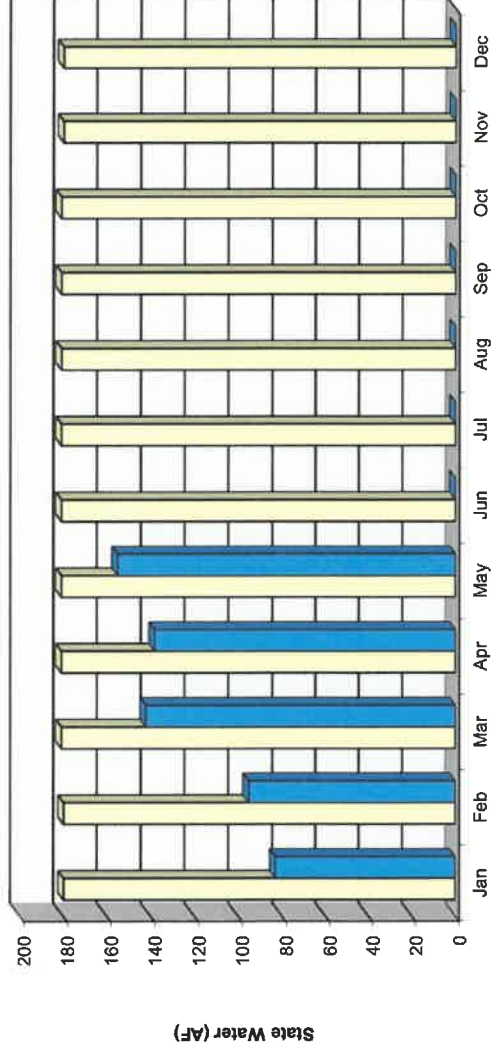
Shandon T.O. - SWP Deliveries in Year 2018

Month	Requested Delivery	Actual Delivery	Allocation Available
Jan	5	0	
Feb	6	2	
Mar	6	3	
Apr	8	4	
May	10	5	
Jun	12	0	
Jul	12	0	
Aug	12	0	
Sep	10	0	
Oct	8	0	
Nov	6	0	
Dec	5	0	
Total	100	14	



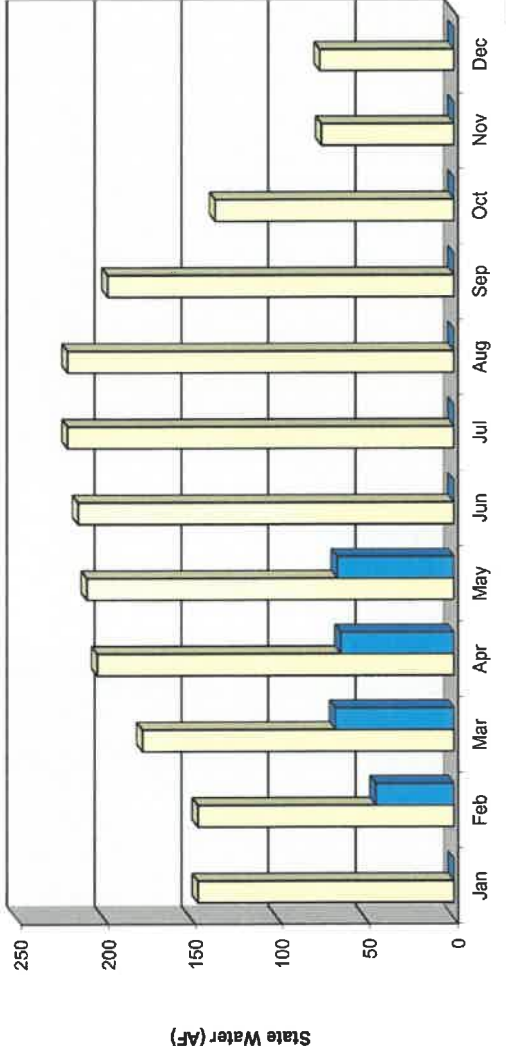
Chorro Valley T.O. - SWP Deliveries in Year 2018

Month	Requested Delivery	Actual Delivery	Allocation Available
Jan	180	83	
Feb	180	95	
Mar	181	142	
Apr	181	138	
May	181	155	
Jun	181	0	
Jul	181	0	
Aug	181	0	
Sep	181	0	
Oct	181	0	
Nov	180	0	
Dec	180	0	
Total	2165	613	



Lopez T.O. - SWP Deliveries in Year 2018

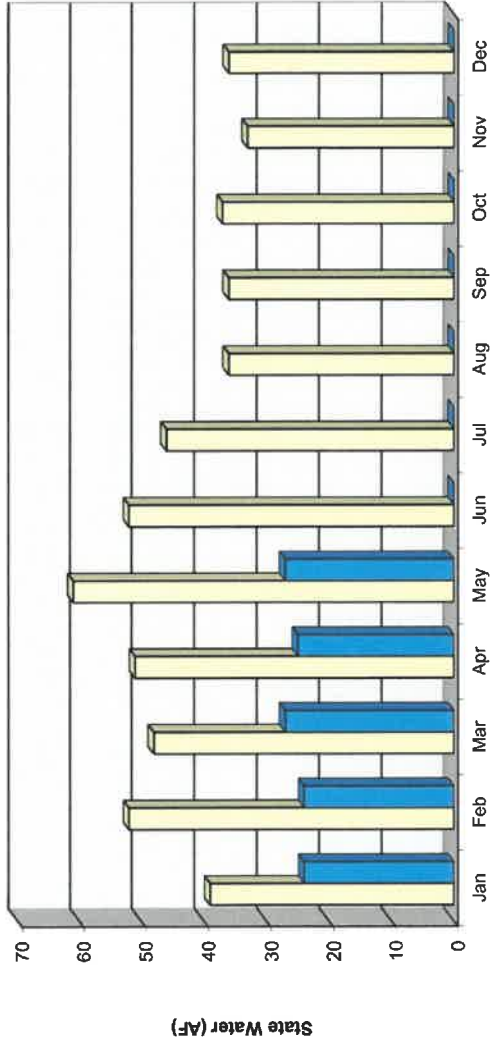
Month	Requested Delivery	Actual Delivery	Allocation Available
Jan	146	0	
Feb	146	44	
Mar	178	67	
Apr	204	64	
May	210	66	
Jun	215		
Jul	221		
Aug	221		
Sep	198		
Oct	136		
Nov	75		
Dec	76		
Total	2027	241	



Requested Delivery
Actual Delivery

Guadalupe - SWP Deliveries in Year 2018

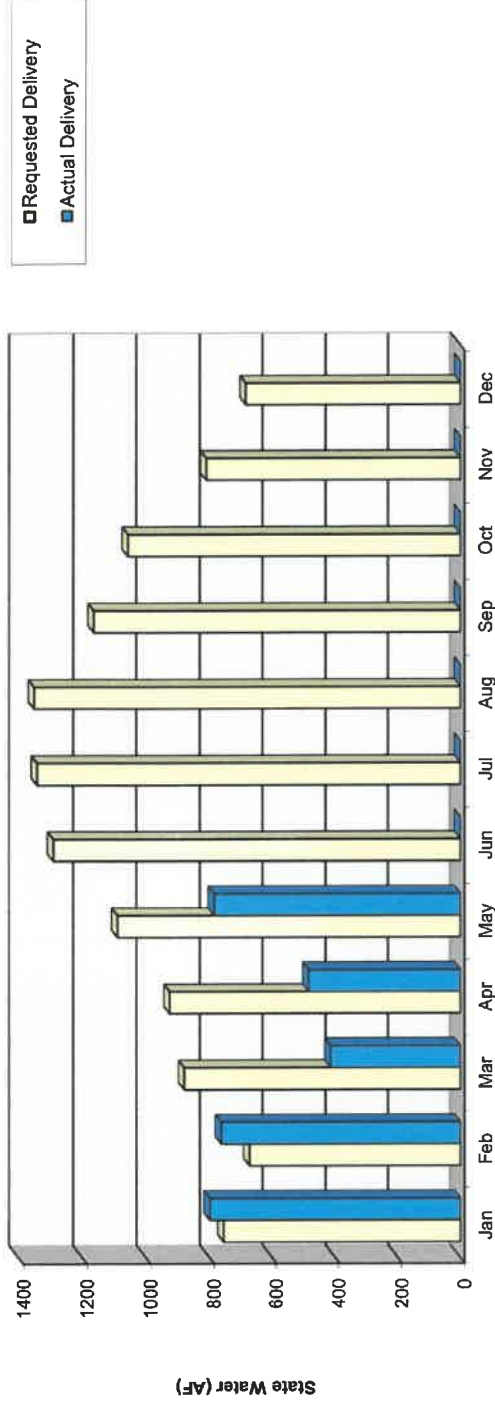
Month	Requested Delivery	Actual Delivery	Allocation Available
Jan	39	24	
Feb	52	24	
Mar	48	27	
Apr	51	25	
May	61	27	
Jun	52		
Jul	46		
Aug	36		
Sep	36		
Oct	37		
Nov	33		
Dec	36		
Total	527	127	



Requested Delivery
Actual Delivery

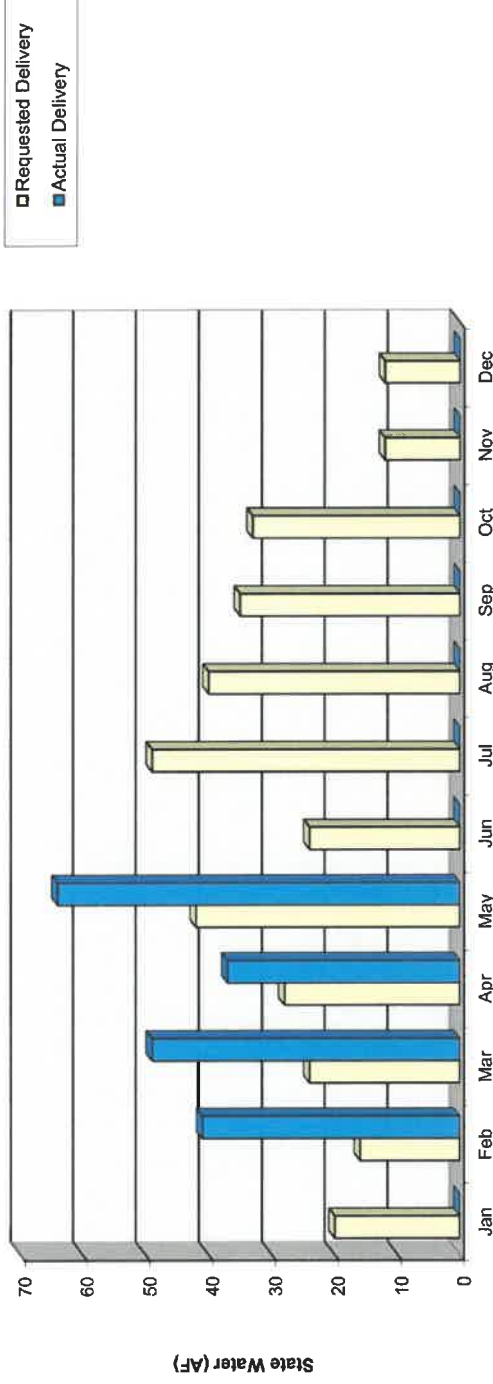
Santa Maria - SWP Deliveries in Year 2018

Month	Requested Delivery	Actual Delivery	Allocation Available
Jan	758	800	
Feb	673	765	
Mar	881	415	
Apr	928	485	
May	1091	787	
Jun	1293		
Jul	1344		
Aug	1353		
Sep	1166		
Oct	1058		
Nov	811		
Dec	685		
Total	12041	3252	



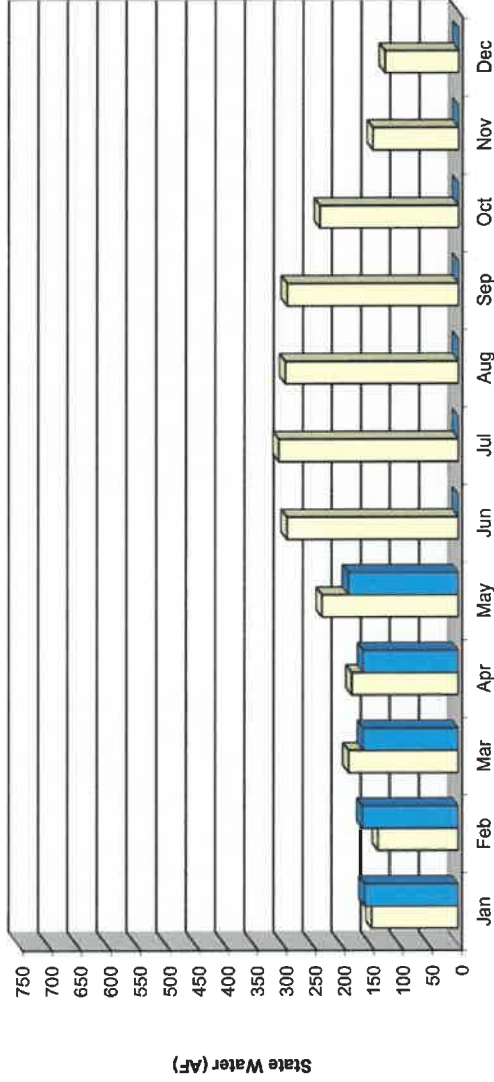
Golden State - SWP Deliveries in Year 2018

Month	Requested Delivery	Actual Delivery	Allocation Available
Jan	20	0	
Feb	16	41	
Mar	24	49	
Apr	28	37	
May	42	64	
Jun	24		
Jul	49		
Aug	40		
Sep	35		
Oct	33		
Nov	12		
Dec	12		
Total	335	191	



VAFB - SWP Deliveries in Year 2018

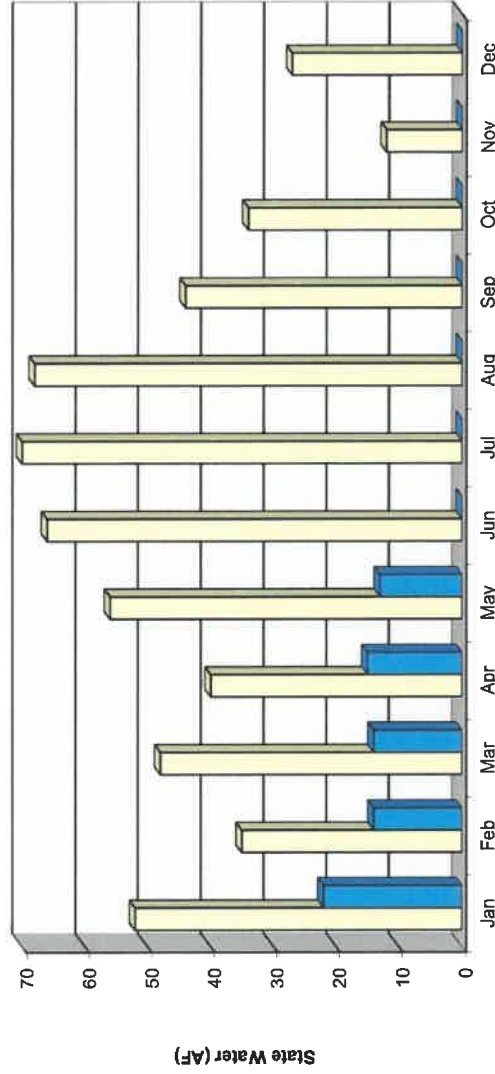
Month	Requested Delivery	Actual Delivery	Allocation Available
Jan	148	160	
Feb	137	164	
Mar	188	163	
Apr	183	163	
May	234	189	
Jun	294		
Jul	308		
Aug	297		
Sep	294		
Oct	238		
Nov	147		
Dec	126		
Total	2594	839	



Requested Delivery
Actual Delivery

Buellton - SWP Deliveries in Year 2018

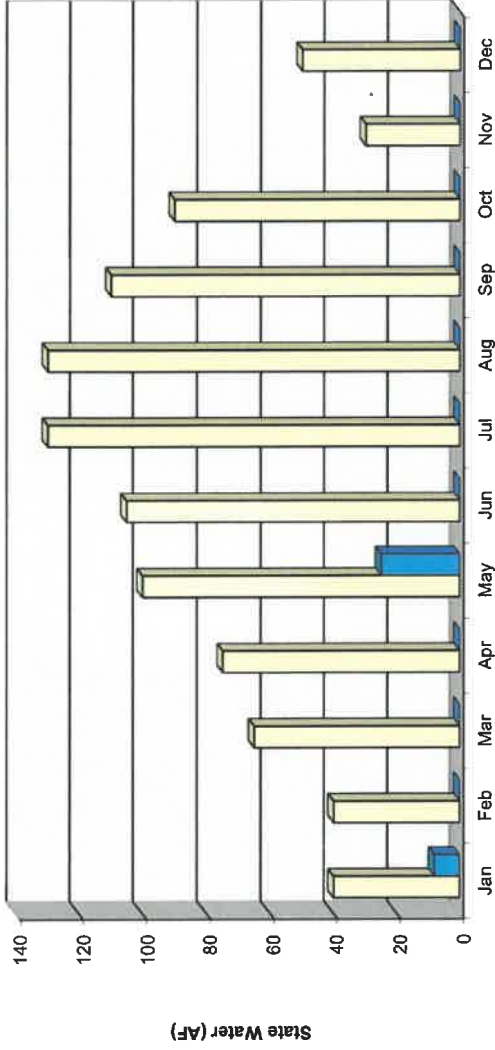
Month	Requested Delivery	Actual Delivery	Allocation Available
Jan	52	22	
Feb	35	14	
Mar	48	14	
Apr	40	15	
May	56	13	
Jun	66		
Jul	70		
Aug	68		
Sep	44		
Oct	34		
Nov	12		
Dec	27		
Total	552	78	



Requested Delivery
Actual Delivery

Santa Ynez - Solvang Only - SWP Deliveries in Year 2018

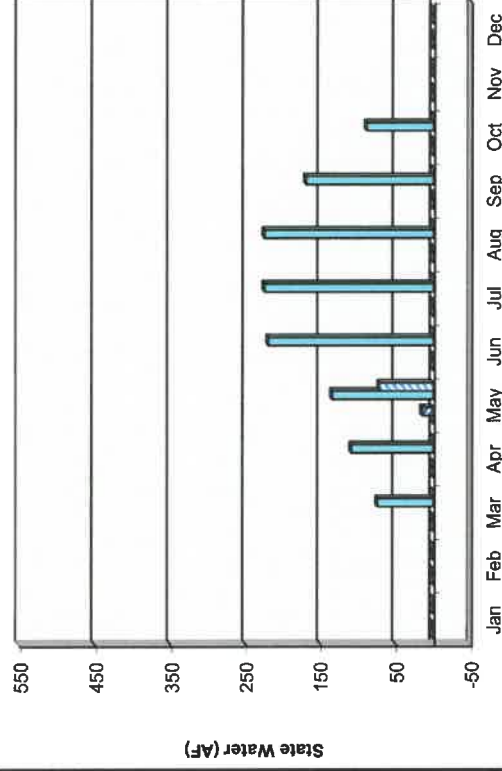
Month	Requested Delivery	Actual Delivery	Allocation Available
Jan	40	8	
Feb	40	0	
Mar	65	0	
Apr	75	0	
May	100	25	
Jun	105		
Jul	130		
Aug	130		
Sep	110		
Oct	90		
Nov	30		
Dec	50		
Total	965	33	



Requested Delivery
Actual Delivery

Santa Ynez (Without Solvang) - SWP Deliveries in Year 2018

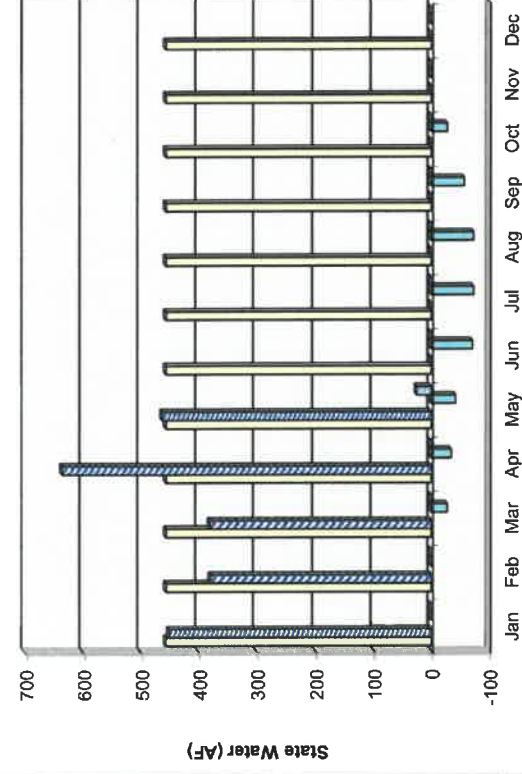
Month	Scheduled State Water Delivery	Scheduled Exchange Water	Total Sched'd State & Exch. Water Delivery	Actual State Water Delivery	Actual Exchange Water Delivery	Total Actual State & Exch. Water Delivery	Allocation Available
Jan	0	0	0	0	0	0	
Feb	0	0	0	0	0	0	
Mar	0	75	75	0	0	0	
Apr	0	110	110	0	0	0	
May	0	135	135	15	72	87	
Jun	0	220	220	0	0	0	
Jul	0	225	225	0	0	0	
Aug	0	225	225	0	0	0	
Sep	0	170	170	0	0	0	
Oct	0	90	90	0	0	0	
Nov	0	0	0	0	0	0	
Dec	0	0	0	0	0	0	
Total	0	1250	1250	15	72	87	



Scheduled State Water Delivery
Actual State Water Delivery
Scheduled Exchange Water
Actual Exchange Water Delivery

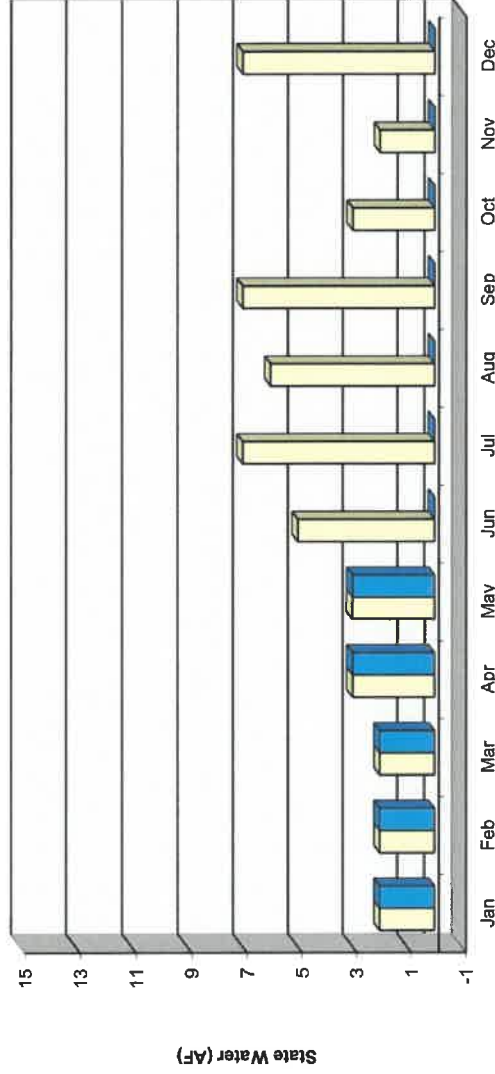
Goleta - SWP Deliveries in Year 2018

Month	Scheduled State Water Delivery	Scheduled Exchange Water	Total Sched'd State & Exch. Water Delivery	Actual State Water Delivery	Actual Exchange Water Delivery	Total Actual State & Exch. Water Delivery	Allocation Available
Jan	457	0	457	452	0	452	
Feb	457	0	457	380	0	380	
Mar	457	-27	430	381	0	381	
Apr	457	-34	423	636	0	636	
May	457	-41	416	463	26	489	
Jun	457	-70	387				
Jul	457	-72	385				
Aug	457	-72	385				
Sep	457	-56	401				
Oct	457	-27	430				
Nov	457	0	457				
Dec	457	0	457				
Total	5484	-400	5084	2312	26	2338	



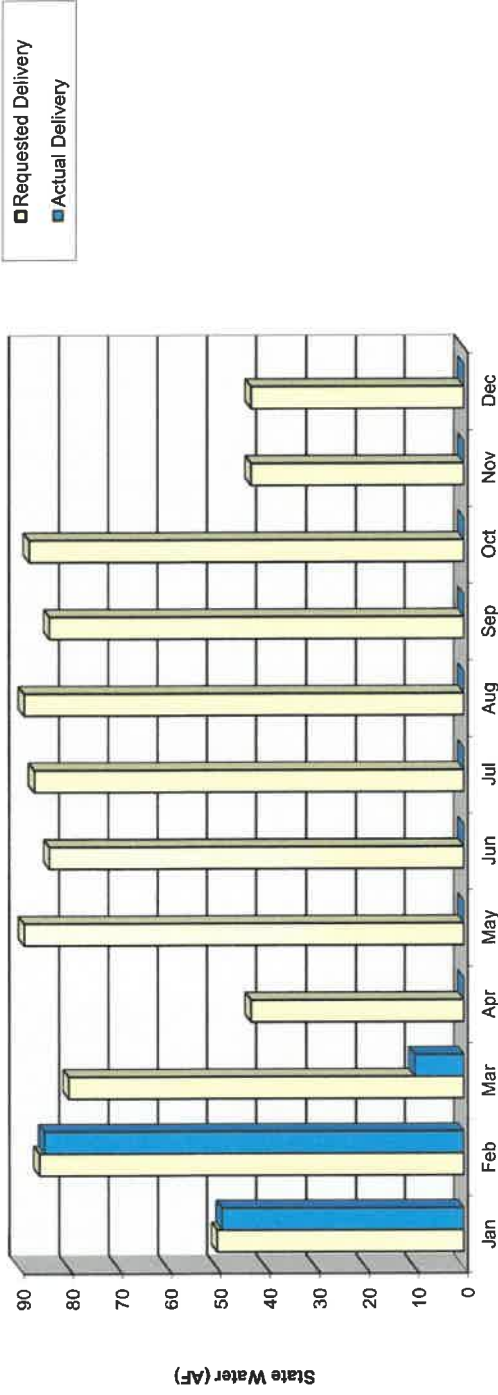
Morehart Land - SWP Deliveries in Year 2018

Month	Requested Delivery	Actual Delivery	Allocation Available
Jan	2	2	
Feb	2	2	
Mar	2	2	
Apr	3	3	
May	3	3	
Jun	5		
Jul	7		
Aug	6		
Sep	7		
Oct	3		
Nov	2		
Dec	7		
Total	49	12	



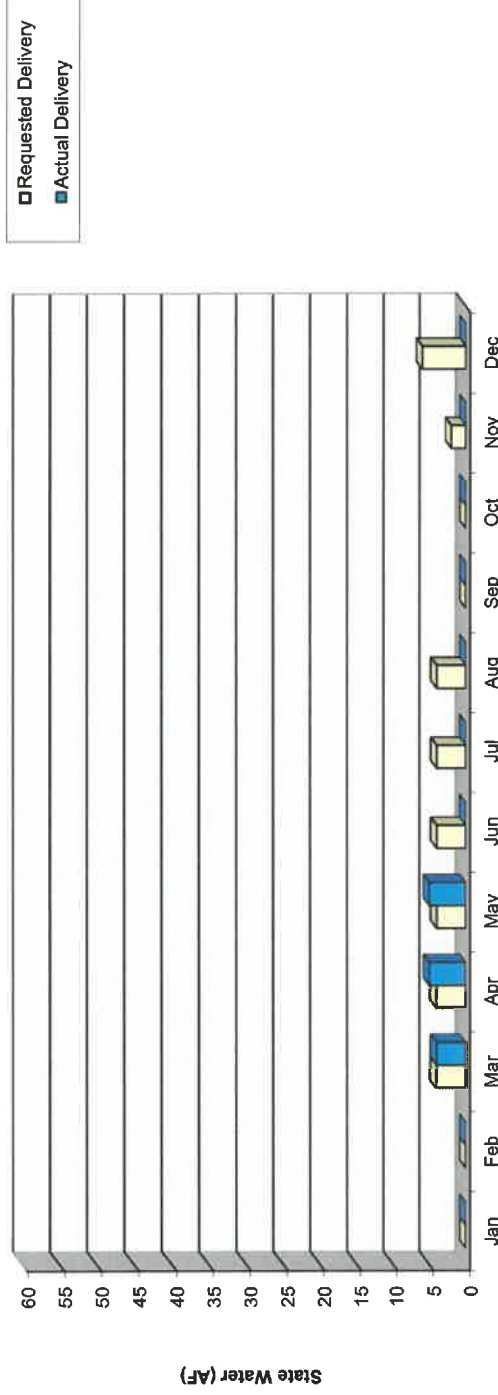
La Cumbre - SWP Deliveries in Year 2018

Month	Requested Delivery	Actual Delivery	Allocation Available
Jan	50	49	
Feb	86	85	
Mar	80	10	
Apr	43	0	
May	89	0	
Jun	84		
Jul	87		
Aug	89		
Sep	84		
Oct	88		
Nov	43		
Dec	43		
Total	866	144	



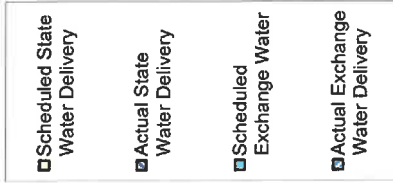
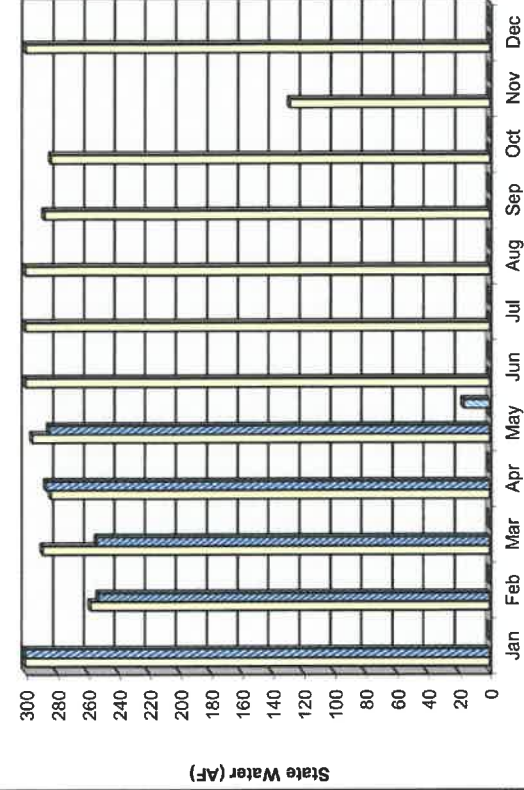
Raytheon (SBRC) - SWP Deliveries in Year 2018

Month	Requested Delivery	Actual Delivery	Allocation Available
Jan	0	0	
Feb	0	0	
Mar	4	4	
Apr	4	5	
May	4	5	
Jun	4		
Jul	4		
Aug	4		
Sep	0		
Oct	0		
Nov	2		
Dec	6		
Total	32	14	



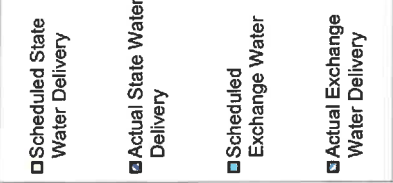
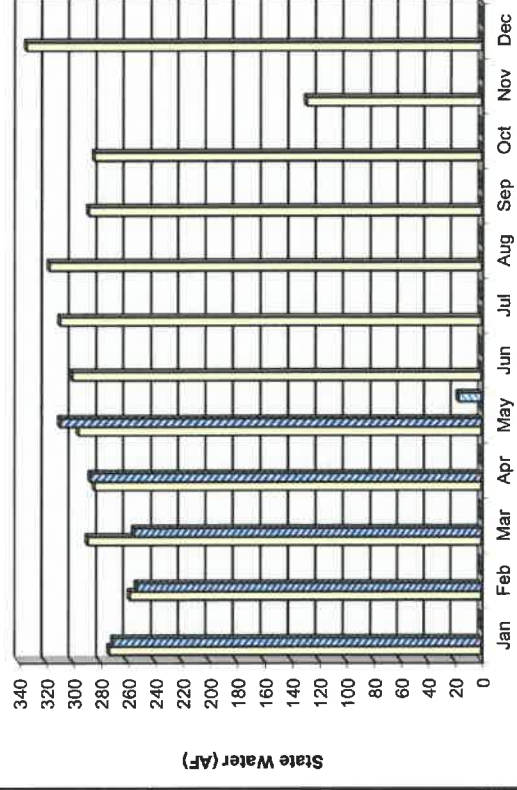
Santa Barbara - SWP Deliveries in Year 2018

Month	Scheduled State Water Delivery	Scheduled Exchange Water	Total Sched'd State & Exch. Water	Actual State Water Delivery	Actual Exchange Water Delivery	Total Actual State & Exch. Water Delivery	Allocation Available
Jan	304	0	304	301	0	301	
Feb	258	0	258	253	0	253	
Mar	289	-18	271	254	0	254	
Apr	284	-23	261	287	0	287	
May	296	-28	268	285	17	302	
Jun	300	-47	253				
Jul	309	-48	261				
Aug	317	-48	269				
Sep	288	-37	251				
Oct	284	-18	266				
Nov	129	0	129				
Dec	334	0	334				
Total	3391	-266	3125	1380	17	1397	



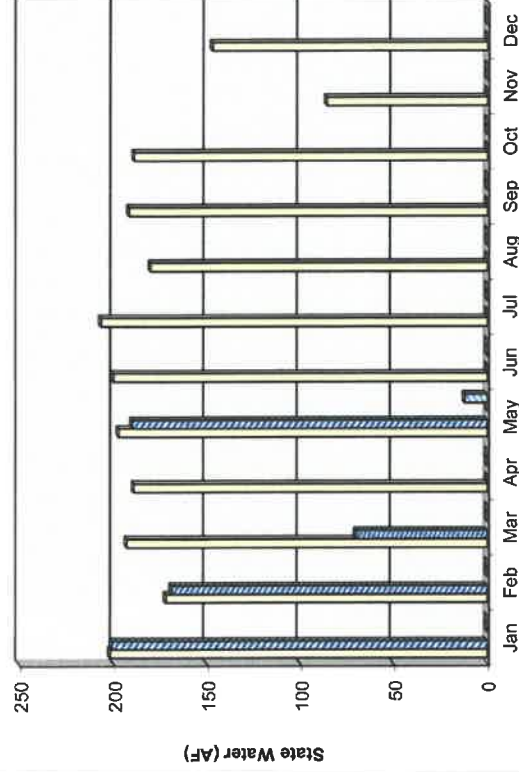
Montecito - SWP Deliveries in Year 2018

Month	Scheduled State Water Delivery	Scheduled Exchange Water	Total Sched'd State & Exch. Water	Actual State Water Delivery	Actual Exchange Water Delivery	Total Actual State & Exch. Water Delivery	Allocation Available
Jan	273	0	273	270	0	270	
Feb	258	0	258	253	0	253	
Mar	289	-18	271	255	0	255	
Apr	284	-23	261	287	0	287	
May	296	-28	268	309	17	326	
Jun	300	-47	253				
Jul	309	-48	261				
Aug	317	-48	269				
Sep	288	-37	251				
Oct	284	-18	266				
Nov	129	0	129				
Dec	334	0	334				
Total	3360	-266	3094	1374	17	1391	



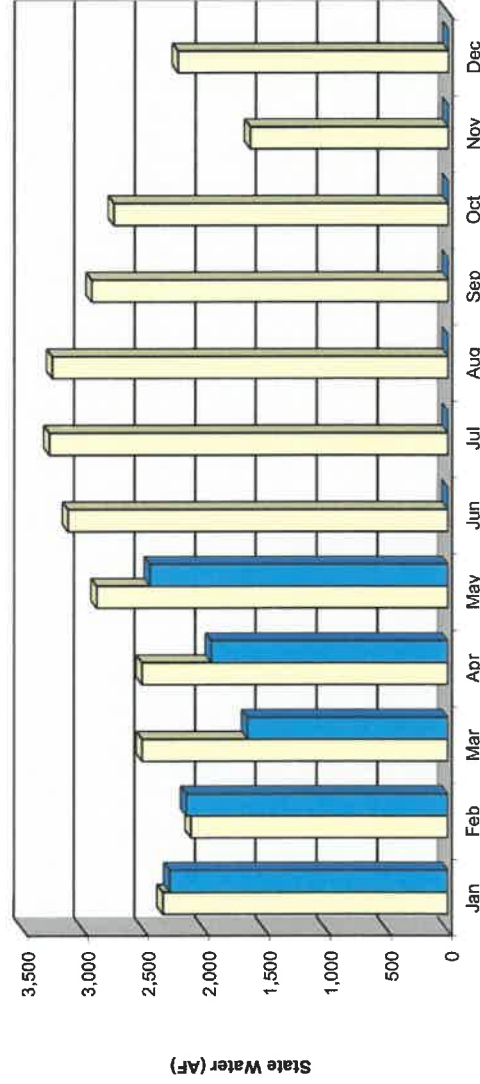
Carpinteria - SWP Deliveries in Year 2018

Month	Scheduled State Water Delivery	Scheduled Exchange Water	Total Sched'd State & Exch. Water Delivery	Actual State Water Delivery	Actual Exchange Water Delivery	Total Actual State & Exch. Water Delivery	Allocation Available
Jan	202	0	202	201	0	201	
Feb	172	0	172	169	0	169	
Mar	193	-12	181	70	0	70	
Apr	189	-15	174	0	0	0	
May	197	-18	179	190	12	202	
Jun	200	-31	169				
Jul	207	-32	175				
Aug	180	-32	148				
Sep	192	-25	167				
Oct	189	-12	177				
Nov	86	0	86				
Dec	147	0	147				
Total	2155	-178	1977	630	12	642	

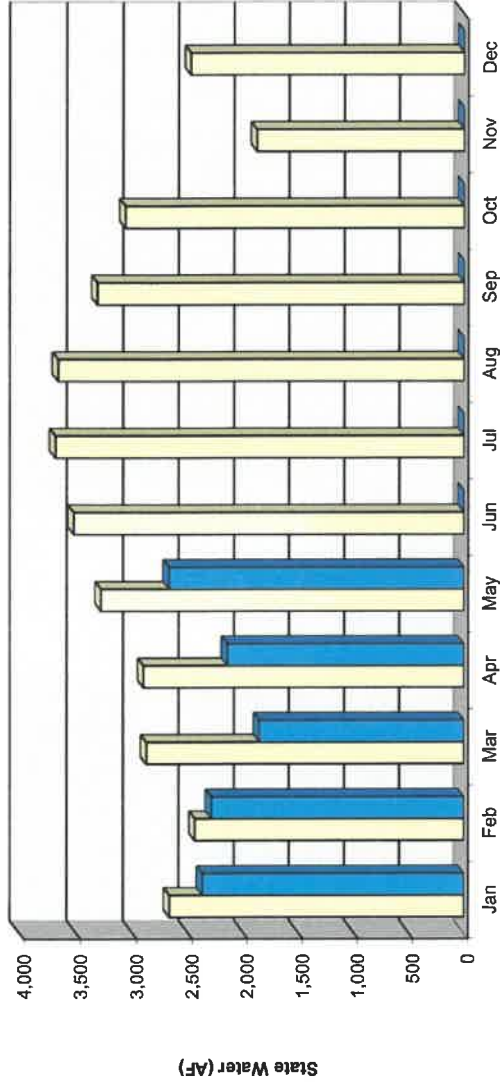


Total SB County - SWP Deliveries in Year 2018

Month	Requested Delivery	Actual Delivery
Jan	2,345	2,289
Feb	2,116	2,152
Mar	2,517	1,647
Apr	2,518	1,947
May	2,892	2,452
Jun	3,131	
Jul	3,287	
Aug	3,264	
Sep	2,936	
Oct	2,751	
Nov	1,628	
Dec	2,225	
Total	31,609	10,487



Total SB and SLO County - SWP Deliveries in Year 2018



Month	Requested Delivery	Actual Delivery
Jan	2,671	2,372
Feb	2,442	2,291
Mar	2,876	1,856
Apr	2,903	2,149
May	3,282	2,673
Jun	3,527	0
Jul	3,689	0
Aug	3,666	0
Sep	3,315	0
Oct	3,068	0
Nov	1,883	0
Dec	2,481	0
Total	35,801	11,341




CENTRAL COAST WATER AUTHORITY

MEMORANDUM

June 15, 2018

TO: CCWA Board of Directors

FROM: Ray A. Stokes
Executive Director 

SUBJECT: State Water Project Contract Extension Update

DISCUSSION

Water Code section 147.5 requires that DWR provide an informational hearing to the California Legislature for the renewal or extension of a long-term water supply contract between the Department and the State Water Project Contractors. DWR has scheduled the first of those hearings on July 3, 2018 in front of the Joint Legislative Budget Committee. It is anticipated that a hearing in front of the entire Legislature will occur sometime in late-summer or early fall.

The following letter from DWR Director, Karla Nemeth, summarizes the hearing process and includes an executive summary on the proposed extension and financial amendments.

RAS

Attachments

DEPARTMENT OF WATER RESOURCES

1416 NINTH STREET, P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791

**MAY 10 2018**

Honorable Holly J. Mitchell, Chair
Joint Legislative Budget Committee
State Capitol, Room 5019
Sacramento, California 95814

Dear Senator Mitchell:

The attached packet of information is required for submittal to the Joint Legislative Budget Committee pursuant to Water Code Section 147.5, and relates to the extension of the long-term water supply contracts between the California Department of Water Resources and 29 public water agencies that receive water supplies from the California State Water Project (SWP).

As you are aware, more than 26 million Californians and approximately 750,000 acres of farmland receive water through the facilities of the SWP. Since the early 1960s California has entered into contracts with 29 public water agencies that pay for the operation, maintenance, and construction of the SWP facilities that supply them with water. Those original water contracts will begin to expire as early as 2035, shortening the period over which project costs can be financed through long term bonds— with the impact falling on local water ratepayers.

As a result, beginning in 2013 the Department of Water Resources began public negotiations concerning extension of these SWP long-term water contracts. This process involved 23 public negotiation sessions. The attached packet is the product of that effort - a contract amendment that would extend the water supply contracts until 2085. In addition to the extension of the long-term water supply contracts, this amendment modernized financial provisions of the contract to address existing conditions rather than those that needed to be addressed by the 1960s-era contracts.

Water Code 147.5, very simply, requires the Department to present the details of new or extended long-term water supply contracts to the Joint Legislative Budget Committee at least 60 days prior to executing the contract. Specifically, the Water Code reads:

147.5. At least 60 days prior to the final approval of the renewal or extension of a long-term water supply contract between the department and a state water project contractor, the department shall present at an informational hearing before the Legislature the details of the terms and conditions of the contract and how they serve as a template for the remaining long-term water supply contracts. This presentation shall be made to the Joint Legislative Budget Committee and relevant policy and fiscal committees of both houses, as determined by the Speaker of the Assembly and the Senate Committee on Rules. The department shall submit a copy of one long-term contract to the Joint Legislative Budget Committee no less than 30 days prior to the scheduled hearing.

Honorable Holly J. Mitchell, Chair

Page 2

The package accompanying this letter includes (1) an executive summary highlighting the primary components of the Contract Extension Amendment, (2) the Agreement in Principle negotiated between DWR and the Contractors, dated June 18, 2014, (3) the proposed Contract Extension Amendment, (4) a model contract, showing how a consolidated original contract and amendments to date would appear if further amended by the Contract Extension Amendment, and (5) the text of Water Code Section 147.5.

The Department of Water Resources also stands ready to provide you and your staff with additional information as you may require and I look forward to the opportunity to share this important contract extension with the California Legislature. The certainty it will provide Californians regarding the continuing supply of clean, affordable water is of interest and importance to us all. As such, I look forward to working with you to ensure a timely review of the contract details. If you have any questions, please do not hesitate to contact me at (916) 653-7007.

Sincerely,

A handwritten signature in cursive script that reads "Karla Nemeth".

Karla Nemeth
Director
(916) 653-7007

Attachment(s):

cc: (See Attached List)

**State Water Project
Water Supply Contract Extension**

**Executive Summary
Legislative Informational Hearing**

Introduction:

In the 1960's, the Department of Water Resources (DWR) entered into water supply contracts with public water agencies located in northern California, the Bay Area, San Joaquin Valley, Central Coast and Southern California to provide water service to the State Water Project (SWP) Water Contractors in exchange for payments that recover the water supply cost of providing the service. Contract extension involves extending the 29 water supply contracts, which all have the same general provisions, have initial terms of 75 years and have expiration dates that currently range from 2035 to 2042.

Need for Contract Extension:

A significant part of the original capital costs to build the SWP was financed through State General Obligation Bonds (\$1.75 billion), but following this initial period, SWP capital costs have been financed primarily through the issuance of SWP revenue bonds. Today, with only 17 years left until the first contracts expire in 2035, DWR is limited to selling bonds with maturity dates that extend only 17 years rather than the customary practice of selling at least 30-year bonds. This shorter repayment period increases annual repayment costs to the contractors with the potential for significant financial impacts, which impacts will increase as the time passes without a contract extension.

Some SWP facilities are over 50 years old, and there are many needed capital upgrades and repairs. Some anticipated capital projects include reinforcing Perris Dam and Sisk Dam against seismic failure, reconstructing the Thermalito Powerplant in the aftermath of a damaging fire, reconstructing the spillways at Oroville Dam, implementing the Oroville Hydroelectric License Project, obtaining a new license for the SWP's southern hydroelectric plants and completing other repairs to, among other things, the aqueduct, pumping plants and hydroelectric pump-generating equipment. All of these projects could benefit from funding from 30 year or longer bonds.

The Agreement in Principle (AIP):

To begin the contract extension process, DWR and the 29 water contractors held 23 public negotiation sessions over a one year period (May 2013 – June 2014) and arrived at an

agreement in principle for the contract extension. Among other things, the AIP provided for the extension of the expiration dates for all contracts to December 31, 2085 and for other changes to the financial provisions in the contracts. The goal of the AIP was to place the SWP and contractors on a sounder financial footing going forward. In this regard, the AIP provided for, among other things, increasing the financial operating reserves of the SWP and moving to a more comprehensive pay-as-you-go billing methodology to provide a better match between revenues and costs incurred. (Twenty-five contractors have signed the AIP).

Contract Extension Amendment

A model of the contract extension amendment based on the principles in the AIP has now been completed. The primary components of the model amendment are described below.

A. Term

The current Water Supply Contracts each have an initial term of 75 years, but since they were signed at various times, they also have varying initial expiration dates that range from 2035 to 2042. This amendment would set the next expiration date for each extended contract to December 31, 2085.

B. Major Billing Change

In the early years of the Contracts (in the 1960's), the Contractors were billed for costs while the initial facilities were being built and before water was able to be delivered. To address this situation, the original contract billing provisions have provided for amortizing capital costs (other than certain costs financed by revenue bonds) and conservation facility operations costs over a relatively long repayment period ending in the 2035, and all such amortized costs are repaid with interest at the project interest rate, a defined term in the contracts.

The Extension Amendment establishes a date (referred to as the Billing Transition Date (BTD)) and provides for the original contract billing methodology (which includes amortization of costs and the Water System Revenue Bond Surcharge) to continue to apply to all costs incurred prior to the BTD and for a new pay-as-you-go billing methodology to apply to all costs incurred on and after the BTD. The actual BTD will depend on when the contract amendment is able to take effect. This effective date will in turn depend on whether a specified number of Contractors sign the amendment and whether there is any litigation challenging the amendment.

Moving to a pay-as-you-go billing system will result in a better real time match of revenues and expenditures and will ultimately make administration of the billing process less complicated. The Extension Amendment contains a number of items addressing the manner in which the new pay-as-you-go methodology will be implemented and administered.

C. Reserves – General Operating Account

A 1995 Amendment to the Water Supply Contracts, referred to as the Monterey Amendment established the General Operating Account and set a cap that is currently approximately \$32 million. The Extension Amendment would increase the cap to at least \$150 million with a provision to provide for cap adjustments in the future based on a business case analysis presented to the Director. The purpose of the GOA is to provide a fund to be used for (1) cash flow deficiencies relating to water supply activities for which DWR can charge the Contractors and (2) a State Water Resources Development System (SWRDS) emergency for any SWRDS purpose (whether or not the activity is chargeable to the Contractors).

D. SWRDS Reinvestment Account (SRA)

The Extension Amendment creates a new account, the SWRDS Reinvestment Account (SRA), to provide funds to finance all or a portion of the capital costs of individual SWP projects that are chargeable to the Contractors and for which neither general obligation bonds nor revenue bonds are issued. This funding could be used for any SWP capital projects, similar to categories of capital projects that would be financed with revenue bonds, to the extent of funds in the account. After initial funding with available SWP funds, the primary source of replenishment of the account would be from reimbursements with interest. The reimbursement will then be available to provide a source of funds for the SWRDS Support Account (discussed below), for the SRA for additional investment purposes, and for additional deposits to the General Operating Account.

E. SWRDS Support Account (SSA)

The Extension Amendment creates the SWRDS Support Account, the primary purpose of which is to provide a source of funds to pay for non-chargeable expenditures where there are no funds or revenue sources available to pay for such costs. (An example would include funding of the San Joaquin Valley Drainage Program).

F. Facilities to Be Funded by Water System Facility Revenue Bonds

The Extension Amendment would allow DWR to issue SWP water system facility revenue bonds and to charge the contractors for the associated financing costs to: (1) finance repairs, additions, and betterments to most facilities of the SWP without regard to whether the facilities were in existence prior to January 1, 1987, which is the current Contract requirement and (2) finance other capital projects (not already listed in the contract for which water system facility revenue bonds could be sold) when mutually agreed to by DWR and at least 80 percent of the affected Contractors, provided the approving affected Contractors' Table A amounts also exceed 80 percent of all affected Contractors Table A amounts.

G. Flow of Funds

The Extension Amendment adjusts the rate restructuring provision in Article 51, which provides for the reduction of rates on an annual basis after revenues are determined to be available to meet then-current SWP needs and requirements. The projected annual rate reductions of \$40.5 million under the existing contract will be increased to a maximum of \$48 million, but only if available revenues permit such reductions. The Contractors would agree to forgo any additional rate management reductions, including additional rate reductions to make up for past deficiencies. The Article 51 rate restructuring provision will expire as of December 31, 2035.

H. Davis-Dolwig Act

The Extension Amendment recognizes DWR's contract administration regarding the development of public recreation as including both capital and O&M costs in accordance with the Davis-Dolwig Act (Water Code Section 11910 et seq.) requirement that the costs of the development of public recreation not be included in the prices, rates, and charges for water and power. In addition, certain language from the Davis-Dolwig Act would be set out in the Contracts.

I. Enhanced Coordination Regarding SWP Finances

The Extension Amendment provides for the establishment of a SWRDS Finance Committee comprised of DWR and Contractor representatives to provide recommendations to the Director concerning financial policies of the SWP and certain other specified matters. The Extension Amendment also provide for DWR's preparation of specific reports regarding SWP finances and provision of those reports to the SWRDS Finance Committee. In addition, during the public negotiations, a charter for the SWRDS Finance Committee was developed.

Environmental Review

DWR has prepared a Draft EIR in accordance with the California Environmental Quality Act to address possible environmental impacts associated with the proposed contract amendments. The Draft EIR, which was released on August 17, 2016, determined that the Extension Amendment would not result in any physical environmental impacts since the Extension Amendment addresses only the financial provisions of the contract. The Extension Amendment does not address any changes to the water management provisions of the contract or the water allocations among the contractors. The final EIR will be completed after the Legislative hearing required by Water Code Section 147.5 takes place and will serve as the basis for DWR and the individual contractors to determine whether to approve the Extension Amendment.

Legislative Informational Hearing

Water Code Section 147.5 requires DWR to make a presentation to the Legislature at an informational hearing at least 60 days prior to final approval of a Water Supply Contract Extension Section 147.5 also requires DWR to present the details of the terms and conditions of the contract and how they serve as a template for the remaining long-term water supply contracts and submit a copy of one long-term contract to the Joint Legislative Budget Committee no less than 30 days prior to the scheduled hearing.



CENTRAL COAST WATER AUTHORITY

MEMORANDUM

June 15, 2018

TO: CCWA Board of Directors

FROM: Ray A. Stokes
Executive Director 

SUBJECT: State Water Project Contract Amendments for Water Management and California WaterFix Update

DISCUSSION

DWR and the State Water Project (SWP) Contractors have been in weekly negotiations to amend the SWP Contract for Cal WaterFix cost allocations and water management provisions over the past few months. It is anticipated that the last negotiating session will be held on Tuesday, June 19, 2018 to negotiate the last few remaining items.

Attached is a summary of the major talking points that have and are being negotiated between DWR and the Public Water Agencies. The remaining items to be negotiated on June 19th are highlighted in the document.

I will provide an overview of the negotiated talking points at the CCWA Board meeting.

RAS

Attachments



**SWP WATER SUPPLY CONTRACT AMENDMENTS FOR WATER
MANAGEMENT AND CALIFORNIA WATERFIX**

DRAFT Talking Points.....

Note: This document is a consolidation of the PWAs and DWR's negotiation items as of June 13, 2018. The principles are from the (1) PWAs/DWR Transfers and Exchange document #0054, (2) DWR's Certification for Transparency document #0056, (3) DWR's Stored Water/Carry-over dated 4.11.2018, (4) DWR's Collaborative Review Process document # 0057, and (5) PWA's whitepaper document SWCCWF-0008

- *Principles in Black – Both parties are in agreement*
- *Principles/Sections/Words in Red – PWAs have not agreed to these terms, further discussion is needed during negotiations.*
- *Principles in Blue – PWAs have not negotiated with DWR, PWAs will be discussing during negotiations.*
- *Principles in Green – DWR has not negotiated with PWAs, DWR will be discussing during negotiations.*

A. Transfers

1. **Terms of a Transfer Agreement:** Participating PWAs shall determine duration, and compensation for all transfers, this includes allowing single, transfer package, and multi-year transfers to be as long as the remainder of the contract period.
2. **All contract language in Article 56(d) and anything related to the Turnback Pool shall be removed from the water supply contracts.**
3. **Transfer Package:** A Transfer Package is comprised of two or more transfer agreements between the same PWAs. If a transfer package is presented to DWR for approval, DWR shall consider and determine whether to approve the package based on meeting the criteria, each proposed transfer within the package at the same time and shall apply the transfer criteria in the review of each such transfer.

Reclassification of Transfer Package transactions: DWR shall not reclassify any Transfer Package or Transfer as an Exchange once submitted to DWR by the participating PWAs.

B. Exchanges

1. **Notice to Contractors dated December 18, 2017:** Exchanges will be consistent with Notice to Contractors dated December 18, 2017 except for the following clarifications:
 - 1.1 For allocation $\leq 15\%$, up to 5:1
 - 1.2 For allocations $> 15\%$ & $\leq 25\%$, up to 4:1.
 - 1.3 PWAs shall use the applicable return ratio using allocation at the time the exchange transaction is executed between the PWAs.
 - 1.4 Attachment A, Section A. Bona Fide Exchanges, Item 4 Cost Compensation reads as follows: Maximum cost compensation for a bona fide exchange may not exceed the exchanging PWAs combined conservation facilities, transportation facilities, and CWF facilities fixed charges (capital and minimum charges including capital surcharges). The allocation percentage in the denominator of the compensation calculation will be set by the SWP allocation which has incorporated the May 1 monthly Bulletin 120 runoff forecasts. If exchanges are requested prior to the allocation identified above, DWR will provide timely approval with the obligation of the PWAs to meet the requirement of the maximum compensation – if the compensation exceeds the maximum, the PWAs will re-visit the agreement and adjust the compensation. If a cost adjustment is made, the PWA must notify DWR.

C. Transfers and Exchanges

1. **Buyers and Sellers in the Same Year:** PWAs may be buyers and sellers in the same year, and enter into multiple transfers and/or exchanges in the same year.
2. **Dispute Resolution Process (prior to executing agreement):** PWAs shall comply with the following process to resolve disputes if a non-participating PWA is claiming that a transfer and/or exchange has a significant adverse impact.
 - 2.1 Any claim to a significant adverse impact may only be raised between the following timeline - after the submittal of a term sheet to DWR and before DWR approves a transfer agreement.
 - 2.2 In the event that any dispute can't be resolved among the PWAs, DWR will convene a group including DWR (the Chiefs of SWPAO, Legal, and Operations or their designees) and the PWA parties involved (PWA representatives to be chosen by each PWA party). Any PWA claiming an adverse impact must submit written documentation to support this claim and identify a proposed solution. This documentation must be provided 2 weeks in advance of a meeting of the group that includes SWPAO, Legal, Operations and the involved PWA representatives.
 - 2.3 If this group can't resolve the dispute, the issue will be taken to the Director of DWR or his/her designee.
 - 2.4 The Director's decision will be the final administrative action.

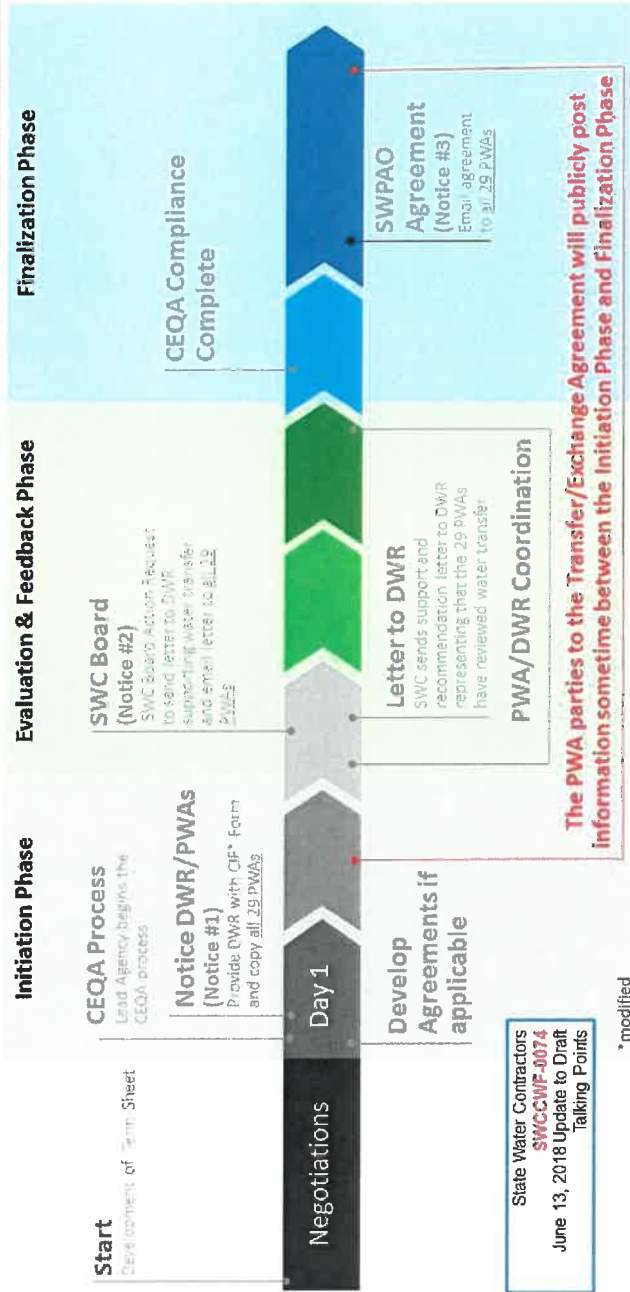
3. **Timely Processing:** DWR will process timely requests to be incorporated into the schedule to deliver the water for that given year.
4. **Basic Criteria for Transfers and Exchanges:** Except as provided in C.4.7 below, to be approved, a proposed transfer or exchange must meet the following basic criteria:
 - 4.1 Transfers and exchanges must be transparent.
 - 4.2 Transfers and exchanges must not harm non-participating PWAs.
 - 4.3 Transfers and exchanges must not create significant adverse impacts in a PWA's service area.
 - 4.4 Transfers and exchanges shall comply with all applicable laws and regulations.
 - 4.5 Transfers and exchanges shall be scheduled only if they do not impact normal SWP operations.
 - 4.6 Transfers and exchanges shall not impact the financial integrity of the SWP.
 - 4.7 Exception: in the event a proposed transfer or exchange does not meet all of the basic criteria, but a PWA believes the proposed transfer or exchange should be approved nonetheless, the PWA may provide explanatory information and request the DWR Director to approve the proposed transfer or exchange. The Director shall determine whether to approve the request.
5. **Transfer and/or Exchange Agreement:** Although DWR will not be a party to any transfer or exchange agreement between the participating PWAs, DWR and the participating PWAs shall enter into an agreement to address DWR's role in effectuating the transfer or exchange. Such agreement shall include certain standardized provisions (such as those contained in the SBCFC&WCD--KCWA Agreement for the Semitropic Banking and Exchange Program --SWCCWF0027) designed to protect SWP operations, finances and liability, along with other provisions tailored to the particular transaction or as otherwise agreed among DWR and the participating PWAs.
6. **Shortages - Delivery Priorities:** DWR retains authority as set forth in Article 18(a).
7. **Water Delivery Priorities:** Exchange and transfer water shall be scheduled in accordance with Article 12(f) priorities (retaining the associated priority level). This water will not have the protection of Article 14(b) and the delivery can't impact any other PWAs.

D. Transparency

1. **Transparency Process:** PWAs' transfers and exchanges shall follow the process set forth in the process graphic below.

Transparency Process Amongst SWP PWAs for Transfers and Exchanges

This process only applies to transactions between PWAs that are required to be approved by DWR, excluding transfers or exchanges by a single implementer from one PWA service area to another PWA service area.



State Water Contractors
SWCCWF-0074
June 13, 2018 Update to Draft
Talking Points

2. **PWAs' Due Diligence:** Each PWA shall confirm in the resolution or other document approving the transfer/exchange including of stored water/carryover water or other appropriate document provided to DWR as follows:
 - 2.1 That the PWA has complied with all applicable laws for this transfer/exchange and shall specify the notices that were provided to the public agencies and the public regarding the proposed transfer or exchange;
 - 2.2 That the relevant terms of the transfer/exchange have been provided to all State Water Project contractors and the SWC Water Transfers Committee;
 - 2.3 That the PWA is informed and believes that this transfer/exchange will not harm other SWP contractors, or impact SWP operations.
 - 2.4 That the PWA is informed and believes that the transfer/exchange will not affect its ability to make all payments, including payments for its share of the financing costs of DWR's Central Valley Project Revenue Bonds, when due, under its water supply contract.
 - 2.5 That the PWA has considered the potential impacts of the transfer/exchange within the PWA's service area.
 - 2.6 Request for information: If requested by the DWR Director with respect to any confirmation for basic criteria, the PWA shall cooperate with DWR in providing DWR with information supporting the basis for the confirmation or basic criteria.

E. Stored Water/Carry-over Water

1. **Allow PWAs to Store and Transfer Water in the Same Year:** Modify Article 56(c)(4) to allow PWAs to store and transfer Table A water in the same year. DWR will modify Article 56(c) to allow a PWA to transfer Table A to another PWA's service area. DWR will continue to coordinate through the PWAs under the existing SWP contracts.
2. **Carry-over Water Program shall require transfers and/or exchanges of carry-over water in years of need as confirmed by the receiving PWA, to meet the following criteria:**
 - 2.1 Carry-over water available for transfer/exchange is defined as Article 56(c)(1) and 56(c)(2).
 - 2.2 Only exchanges and single-year transfers.
 - 2.3 The PWA purchasing the carry-over water must take delivery in its service area in the current year, unless an exemption is granted under E.2.8.
 - 2.4 A PWA is able to transfer/exchange up to 50% of the PWA's stored carry-over water.
 - 2.5 A PWA may transfer/exchange greater than 50% of its stored carry-over water, if the PWA can demonstrate that the transfer or exchange of carry-over water will not prevent it from meeting critical water needs in the current and following water year. DWR Director approval would be required.

- 2.6 All transfer and exchange of carry-over water are subject to the Water Transfer Process set forth in the Water Transfer Process – Transparency Among PWAs graphic.
- 2.7 The PWA receiving the water must confirm that the PWA has a need for the water for use within its service area during the current year, unless an exception is granted under E.2.8.
- 2.8 For any exceptions to the criteria listed above, the PWA may request an exemption and seek approval from the DWR Director including requests for the transfer and exchange of stored (or carry-over) water prior to this water being displaced and using San Luis Reservoir as the transfer/exchange point.

F. Cost Allocation

These talking points provide a proposed Statement of Principles (Principles) for the allocation and repayment of costs for construction, operation and maintenance of facilities associated with CWF (CWF Facilities). Under these Principles, the State, acting by and through the California Department of Water Resources (DWR), would be fully reimbursed for all such costs. These costs would be billed to and collected from SWP PWAs participating in the SWP portion of CWF (Participating PWAs), except those situated north of the Delta¹ (Non-Participating PWAs), through their annual Statement of Charges (SOC). The SWP portion of CWF is up to two-thirds of CWF Facilities costs. The amount remaining will be reimbursed separately from SWP and/or Central Valley Project PWAs interested in additional conveyance capacity in CWF Facilities. These Principles are intended to serve as the foundation for a contract amendment to the existing long-term water service contracts (Contracts) between DWR and the SWP PWAs.

STATEMENT OF PRINCIPLES

1. **CWF Facilities Definition:** CWF Facilities shall mean those facilities that are constructed to convey water from the north Delta to the south Delta through facilities as described in the California WaterFix Final EIR/EIS SCH #2008032062. In general, CWF Facilities will divert water from the Sacramento River through three intakes on the east bank of the Sacramento River, through pipelines and tunnels to the south Delta, to new pumping plants northeast of a reconfigured Clifton Court Forebay, and finally to connections with the Jones and Banks pumping plants.
2. **CWF Facilities Charge Components:** The purpose of the CWF Facilities is water conservation and/or transportation. Accordingly, all capital and minimum operations, maintenance, power and replacement (OMP&R) costs associated with the CWF Facilities are 100% reimbursable and shall be recovered by the DWR from Participating PWAs through their annual SOCs. These costs shall be allocated to and billed under two new charges as follows:
 - a. CWF Facilities Capital Charge Component

¹ These Non-Participating PWAs are: City of Yuba City, County of Butte, Plumas County Flood Control and Water Conservation District, Napa County Flood Control and Water Conservation District, and Solano County Water Agency.

b. CWF Facilities Minimum OMP&R Component

c. CWF Facilities Energy Component

3. CWF Capital Charge Component Method of Computation

- a. Recover actual annual debt service created by financing activities (Financing Method) for CWF Facilities.
- b. Each Financing Method shall provide an annual repayment schedule, which includes all Financing Costs.
- c. Financing Costs shall mean the following:
 - i. Principal of and interest on Revenue Bonds,
 - ii. Debt service coverage required by the applicable bond resolution or indenture in relation to such principal and interest,
 - iii. Deposits to reserves required by the bond resolution or indenture in relation to such Revenue Bonds, and
 - iv. Premiums for insurance or other security obtained in relation to such Revenue Bonds.
- d. Financing Method shall be divided into four categories (not limited to but including):
 - i. CWF Facilities Capital Costs paid with the proceeds of Water System Facility Revenue Bonds,
 - ii. CWF Facilities Capital Costs paid with amounts in the State Water Resources Development System Reinvestment Account,
 - iii. CWF Facilities Capital Costs paid annually for assets that will have a short Economic Useful Life or the costs of which are not substantial, and
 - iv. CWF Facilities Capital Costs prepaid by the Participating PWAs.
- e. CWF Facilities Capital Charge Component should be allocated to the Participating PWAs in proportion to the CWF Facilities Allocation Factors for each calendar year.

f. CWF Construction energy related costs for energy related components.

4. CWF Facilities Minimum OMP&R Charge Component Method of Computation

- a. Recovery estimated and/or actual annual OMP&R costs for the CWF Facilities each year.
- b. CWF Facilities Minimum OMP&R Charge Component shall be allocated to the Participating PWAs in proportion to the CWF Facilities Allocation Factors for each calendar year.

5. CWF Facilities ~~Variable OMP&R Energy~~ Charge Component Method of Computation -

The energy related operations, maintenance, power and replacement (OMP&R) costs for the CWF facilities pumping plants (CWF Pumping Plants) that are (1) necessary to deliver

Commented [CV1]: K&W live edit: DWR/PWAs to convene technical working group comprised of the same members on previous technical team and NOD PWAs

K&W Edit: DWR and PWAs agreed to have a technical team address the energy cost component of G. Cost Allocation. The technical team to meet prior to the next negotiation meeting on 6/13.

Commented [CV2]: K&W Edit. Technical Team topic

water to a Participating PWA and (2) incurred in an amount which is dependent upon and varies with the amount of project water delivered to the PWA ~~and allocated to the PWA pursuant to Article 26 (a)(1) and (2) of the Contracts. All variable energy-related costs associated with the CWF Facilities will be excluded from the Transportation Variable billing component and the SWP-wide melded unit-rate.~~ -The CWF Facilities ~~Variable Energy O&M&R~~ costs are 100% reimbursable and shall be recovered by DWR from the Participating PWAs through their annual SOC's as follows:

- a. ~~Costs shall be included in the Participating PWAs Variable CWF Facilities Energy Charge Component.~~
 - i. ~~Costs shall be allocated to Participating PWAs based on each individual PWAs proportion of total annual water deliveries.~~
- b. Costs shall not be included in the Non-Participating PWAs' Variable Charge.
 - i. The Non-Participating PWAs' shall not be charged for any direct costs of conveying water through CWF Pumping Plants.
 - ii. The unit rate for the CWF Pumping Plants shall not be included in the Non-Participating PWAs accumulated pumping plant rates used to calculate their Transportation Variable Component Charge.

6. CWF Facilities Allocation Factors. The following table is a preliminary allocation of CWF Facilities participation percentages for the Non-Participating PWAs and the Participating PWAs. Only Participating PWAs would be billed for CWF through their annual SOC, using the CWF Facility Allocation Factors described in the table. Non-Participating PWAs would not be billed for repayment of costs for construction, operation and maintenance of facilities associated with CWF, except to the extent there is a permanent transfer of Table A from a Participating PWA to a Non-Participating PWA as set forth in principle 10.

Commented [AW3]: Technical Team

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Commented [CV5]: Technical Team

Non-Participating PWA	CWF Facilities Allocation Factors
City of Yuba City	Exempt
County of Butte	Exempt
Plumas County FC&WCD	Exempt
Napa County FC&WCD	Exempt
Solano County Water Agency	Exempt
Participating PWA	CWF Facilities Allocation Factors
Alameda County FC&WCD, Zone 7	1.9875%
Alameda County Water District	1.0355%
Santa Clara Valley Water District	2.4654%
Dudley Ridge Water District	1.0194%
Empire-West Side Irrigation District	0.0740%
Kern County Water Agency-Total	24.2278%
County of Kings	0.2294%
Oak Flat Water District	0.1405%
Tulare Lake Basin Water Storage District	2.1565%
San Luis Obispo County FC&WCD	0.6163%
Santa Barbara County FC&WCD	1.1214%
Antelope Valley-East Kern Water Agency	3.5709%
Santa Clarita Valley Water Agency	2.3470%
Coachella Valley Water District	3.4108%
Crestline-Lake Arrowhead Water Agency	0.1430%
Desert Water Agency	1.3744%
Littlerock Creek Irrigation District	0.0567%
Mojave Water Agency	2.2139%
Palmdale Water District	0.5251%
San Bernardino Valley Municipal Water District	2.5295%
San Gabriel Valley Municipal Water District	0.7100%
San Geronio Pass Water Agency	0.4265%
The Metropolitan Water District of Southern California	47.1253%
Ventura County Watershed Protection District	0.4931%
Total	100.000%

7. **Repayment Schedule Table** - The amount to be paid by the Participating PWAs for each year under the CWF Facilities Capital and Minimum OMP&R Charge Components shall be set forth in a Repayment Schedule Table.
8. **Charge Redetermination** - The CWF Facilities Capital and Minimum OMP&R Charge Components shall be subject to Charge Redetermination.
9. **Annual Statement of Charges** - The CWF Facilities Capital and Minimum OMP&R Charge Components shall be included in a separate invoice that is included in the annual SOC and

shall be subject to the time and method of payment for Capital and Minimum OMP&R Components.

- 10. Permanent Transfer of Contract Rights:** Any permanent transfer of Table A contract rights of a Participating PWA shall be accompanied by a pro-rata transfer of that PWA's rights and responsibilities with respect to CWF.
- 11. CWF Facilities Use of Facilities Charge:** If a Non-Participating PWA transfers allocated Table A to a Participating PWA, then no fee will be charged to the PWA's involved in the transaction. Other transactions may result in a fee sufficient to cover all (1) capital, (2) minimum operations, maintenance, power and replacement (OMP&R) costs, and (3) variable OMP&R costs, associated with this usage.
- 12. Water Delivery Principles:** Participating PWA's moving water in excess of their CWF Facilities Allocation Factor shall schedule deliveries in a manner that does not harm other participating PWA's and shall be subject to the delivery priorities set forth in Article 12(f) of the Contract.
- 13. Power Cost Incurred During Construction:** Per the DWR capitalization policy, any power cost (for example, power supply, grid connections, transmission) incurred to construct the CWF facilities shall be capitalized during the construction work in progress (CWIP) and recovered by DWR in the CWF Facilities Capital Charge Component.

G. Continuing Future Negotiations

- 1. DWR Assurances:** DWR shall provide assurance that, no later than September 2019, DWR and the PWA's would continue good-faith negotiations on a contract amendment that would address additional water management related contract provisions.



CENTRAL COAST WATER AUTHORITY

MEMORANDUM

June 7, 2018

TO: CCWA Board of Directors

FROM: Ray A. Stokes
Executive Director 

SUBJECT: DWR Calendar Year 2019 Transportation Minimum OMP&R Cost Estimates

SUMMARY

CCWA has received preliminary estimates of a large increase in the DWR Transportation Minimum OMP&R charges for calendar year 2019. This report will explain the potential impact to both the FY 2018/19 budget and outline efforts CCWA is taking to ensure the costs being allocated to CCWA are correct and appropriate.

DISCUSSION

CCWA Budget Preparation and DWR Cost Estimation

CCWA prepares its budget on a July to June fiscal year basis, while DWR prepares its "Statement of Charges" (SOC) on a calendar year basis (the Statement of Charges is the invoice from the State of California for the State water project charges each calendar year).

In order to prepare the DWR portion of the CCWA budget, which in turn, forms the basis of the bills from CCWA to each of its project participants, CCWA uses the actual DWR SOC for the current calendar year for the first half of the fiscal year and estimates what the DWR charges will be for the second half of the fiscal year for the budget being prepared. Then, when DWR distributes the calendar year SOC in July of each year, a reconciliation is prepared comparing the estimates used to prepare the CCWA fiscal year budget and the actual charges from DWR for the following calendar year.

Historically, any difference between the estimates used in the fiscal year budget and the actual SOC from DWR for the following calendar year have been closed with existing credits in other parts of the CCWA budget.

In preparing the estimates for the following year DWR Transportation Minimum charges, CCWA staff typically takes DWR's estimates and adds additional amounts because the actual charges have been increasing over what DWR estimates. For example, for calendar year 2019, DWR estimated that the charges would be around \$7.8 million. For budgeting purposes, CCWA staff used an estimate of \$9.8 million (before the latest estimate was received).

DWR Statement of Charges Process

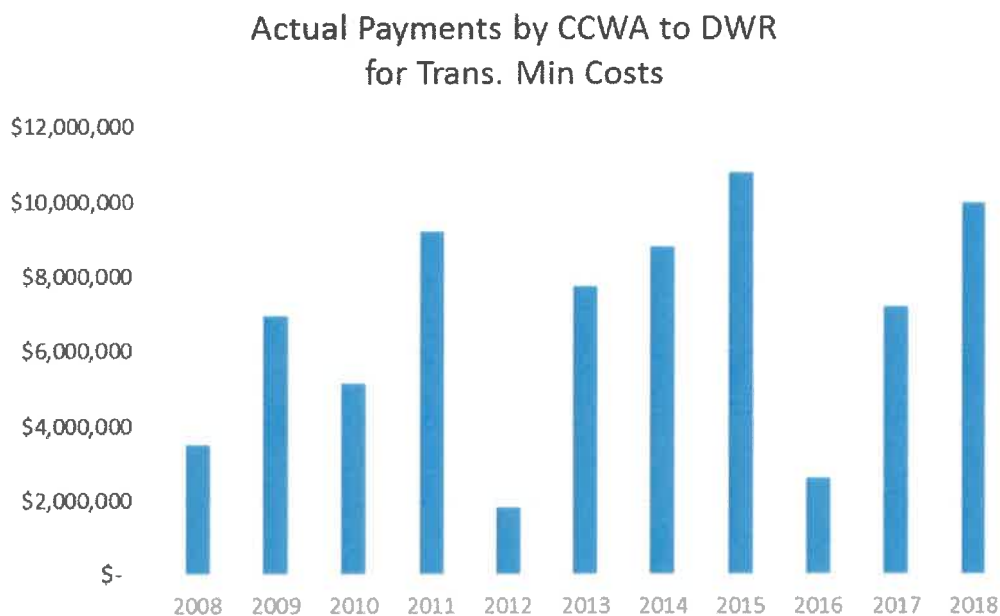
By contract, DWR is required to distribute the SOC for the following calendar year by July 1st each year. As DWR prepares the SOC, it prepares a "dry-run" in May called the "May

Estimate.” This is then sent to each of the 29 State Water Project Contractors as a preview of the expected SOC to be released by July 1st each year. In the time between release of the May Estimate and the July 1st SOC, DWR continues to refine the charges, but typically there are only minor differences between the May Estimate and the July 1st SOC.

DWR Transportation Minimum OMP&R Costs

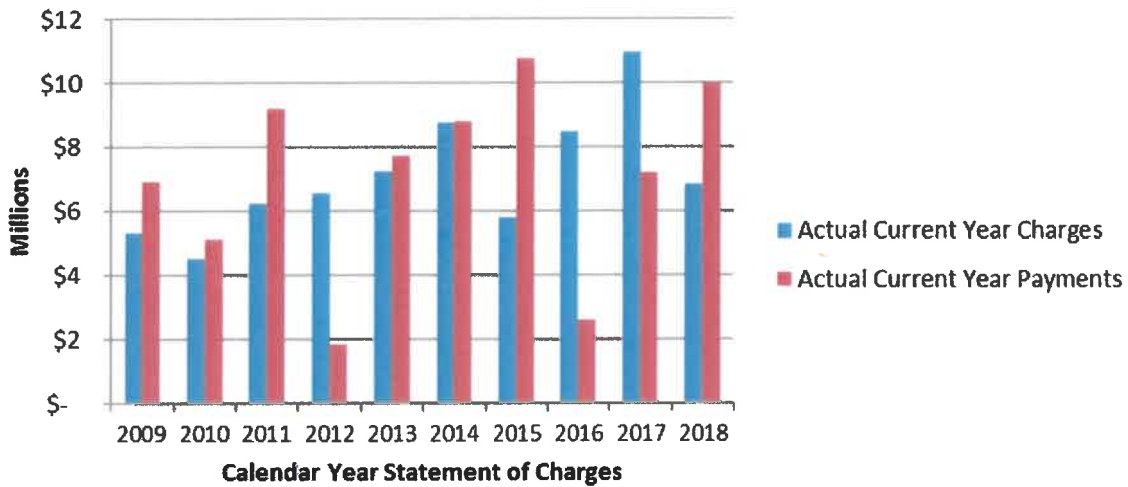
DWR divides up the calendar year SOC by “cost component.” Cost components are essentially different types of costs, with the major cost components being “capital costs” (costs for the repayment of capital cost construction of facilities); “minimum costs, both fixed and variable,” which are operations and maintenance and power costs. Transportation Minimum costs are fixed O&M costs related to the O&M of the SWP facilities which do not vary with the quantity of water delivered to the 29 SWP Contractors.

Historically, the Transportation Minimum cost component of the DWR SOC has been the most volatile DWR charge for CCWA as can be seen in the following graph showing the actual payments to DWR for Transportation Minimum costs since 2008.



The volatility shown above is partly based on DWR’s SOC being based on estimates and then reconciling or preparing a “true-up” based on the actual charges incurred. Therefore, if DWR estimates CCWA’s Transportation Minimum charges in one year are \$7 million and the actual charges for the year are \$10 million, DWR will add the additional \$3 million due from CCWA to the bill for the following year, plus interest at a rate of 4.610% (the project interest rate pursuant to the DWR SWP Contract). This issue of adjusting the current year Transportation Minimum charges for the “true-up” in prior years is illustrated in the following graph, whereby the blue bars represent DWR’s estimate of the actual costs to be incurred that calendar year and the red bar represent the actual payments from CCWA taking into account the over or under-collections from prior calendar years.

Transportation Minimum OMP&R Calendar Year Charges and Actual Payments



Additionally, because there are only two SWP Contractors on the coastal branch of the SWP, Santa Barbara County (90%) and San Luis Obispo County (10%), any changes, up or down, are allocated to only these two counties, further amplifying the variances. This is especially relevant for one particular portion of the coastal branch facilities called “Reach 33A” where three different pumping plants are located just upstream of the CCWA Polonio Pass Water Treatment Plant. This one financial reach tends to create the most volatility from year-to-year because of work done by DWR on the facilities in Reach 33A.

Calendar Year 2019 Transportation Minimum Cost Estimates

DWR is currently in the process of preparing the calendar year 2019 SOC to be distributed by July 1st as required by the SWP Contract. DWR released the “May Estimate” of the 2019 SOC, which showed a significant increase in the Transportation Minimum costs for 2019.

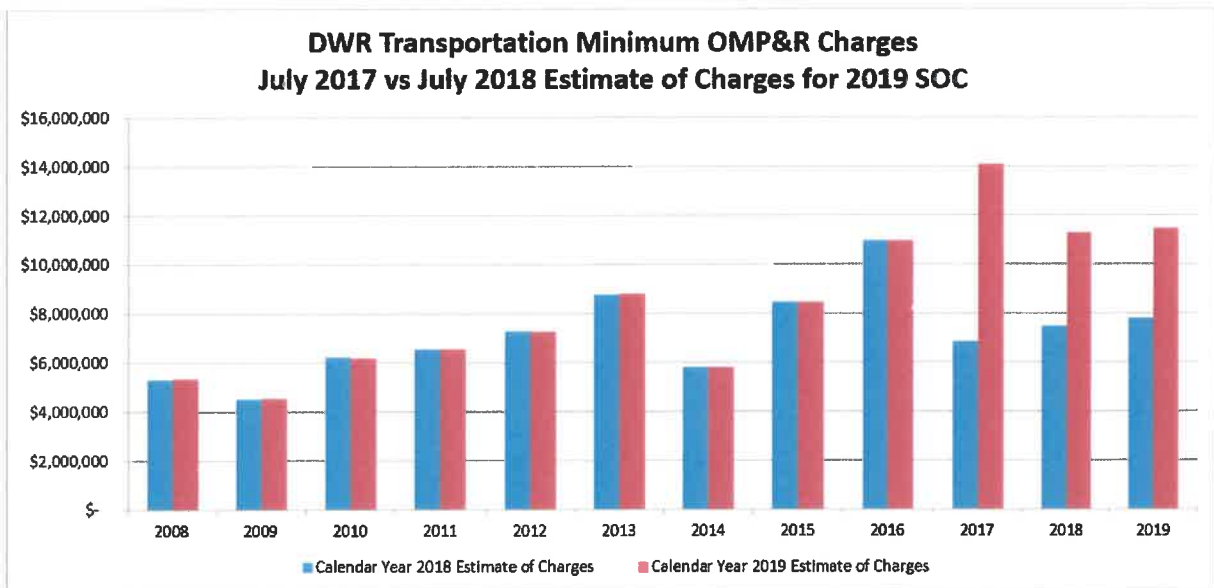
In the calendar year 2018 SOC, DWR showed an estimated calendar year 2019 Transportation Minimum cost estimate of \$7.8 million. For purposes of preparing the CCWA FY 2018/19 budget, CCWA added an additional \$2 million above the DWR estimate for a total of \$9.8 million. **The May Estimate of the calendar year 2019 Transportation Minimum from DWR is \$23.4 million, a \$13.6 million increase over the amount used to prepare the FY 2018/19 budget, one-half of which would be due by January 1st, 2019.**

The following table shows the estimate of the Transportation Minimum charges from the 2018 SOC in column B and the updated estimate of charges from the May Estimate of the 2019 SOC in column C. Note, that in the 2018 SOC, DWR estimated the actual 2017 charges were \$6.8 million. In the 2019 SOC, DWR is estimating the actual 2017 charges are \$14.1 million, a 106% increase.

A	B	C	D	E	F	G	H		
Transportation Minimum OMP&R Charges							2019 Year Over Year Change	Year Over Year Change Percentage	CCWA Actual Payments w/Over/Under
Calendar Year	Calendar Year 2018 Estimate of Charges	May Estimate of the Calendar Year 2019 Estimate of Charges	Difference	% Change from 2018 Estimate	2019 Year Over Year Change	Year Over Year Change Percentage			
2008	\$ 5,313,108	\$ 5,329,868	\$ 16,760	0%	\$ -		\$ 3,499,620		
2009	4,522,550	4,541,851	19,301	0%	(788,017)	-15%	6,943,030		
2010	6,235,197	6,199,923	(35,274)	-1%	1,658,072	37%	5,143,314		
2011	6,560,138	6,561,645	1,507	0%	361,723	6%	9,212,135		
2012	7,246,134	7,248,718	2,584	0%	687,073	10%	1,825,461		
2013	8,777,136	8,791,745	14,609	0%	1,543,027	21%	7,749,519		
2014	5,826,654	5,812,396	(14,258)	0%	(2,979,349)	-34%	8,792,537		
2015	8,477,187	8,471,268	(5,919)	0%	2,658,871	46%	10,781,811		
2016	10,986,277	10,989,574	3,297	0%	2,518,307	30%	2,597,815		
2017	6,841,790	14,111,215	7,269,425	106%	3,121,640	28%	7,203,536		
2018	7,473,002	11,334,904	3,861,902	52%	(2,776,311)	-20%	9,972,519		
2019	7,825,214	11,472,736	3,647,522	47%	137,832	1%			
TOTAL DUE WITH OVER/UNDER AMOUNTS FOR 2019:					\$ 23,484,161	Avg Increase:	10%		

DWR also estimates that the annual costs will increase to around \$11.5 million per year for 2018 and 2019, or around 50% higher than the estimates provided last year. On average, CCWA's Transportation Minimum costs have been increasing by around 10% per year since 2008.

The following graph shows the comparison of the 2019 estimate of charges from the 2018 SOC and the 2019 SOC.



Action Plan

I met with DWR staff to discuss these increases and try to identify reasons the costs are increasing by such a large amount. DWR was unable to provide an explanation. However, it did commit to researching the reason for the cost increases after the July 1, 2018 SOC has been distributed.

The following is an initial action plan to identify the reason for the cost increases and possible payment options.

1. I have asked State Water Contractors (SWC) accounting staff to access the DWR accounting records and try to analyze the reason for the large cost increases. SWC staff believes they will be able to provide this analysis within the next few weeks to provide an initial explanation and analysis.
2. We have discussed this issue with our DWR SOC auditors, Ernst & Young. After SWC staff have completed their initial analysis, we will determine the steps for Ernst & Young to further examine the DWR accounting records to ensure costs that are being charged to CCWA are correct and accurate. The FY 2018/19 Budget includes funds for the Ernst & Young SOC audit.
3. DWR staff has committed to trying to provide additional clarification after the July 1, 2019 SOC has been distributed.
4. I discussed this issue with the Director of DWR and impressed upon her the importance of this issue to CCWA. She agreed to contact her staff and make this a priority.
5. There is a provision in the SWP contract that allows for the large cost increases of 40% or more to be paid over five years. However, interest is charged at a rate of 4.610%. I will continue to explore this option with DWR, and it may be an option for those CCWA project participants that wish to utilize this provision.

Possible Supplemental Assessment

If it is determined the costs are correct, CCWA will need to submit a supplemental assessment to all CCWA project participants for their share of the increased costs. The following table shows an estimate of the amount that would be due from each project participant prior to January 1, 2019.

Project Participant	Projected FY 2017/18 Yearend Credits (Amount Due)						Estimated Additional Due Through 6-30-18	Remaining FY 2017/18 Due 1/1/19
	WSRB ⁽¹⁾	Delta Water Charge ⁽⁶⁾	Transportation Minimum ⁽⁴⁾	Coastal Branch ^{(1) (2)}	Transportation Capital ^{(2) (3)}			
Guedelupe	\$ 559	\$ 0	\$ (95,056)	\$ -	\$ (2,471)	\$ (96,989)	\$ (96,989)	
Santa Maria	17,596	(7,990)	(2,786,846)	44,629	(72,793)	(2,807,403)	(2,807,403)	
Golden St. Wtr	573	(0)	(85,306)	1,400	(2,247)	(85,580)	(85,580)	
VAFB ⁽⁴⁾	5,891	(0)	(947,391)	39,896	(24,714)	(926,318)	(926,318)	
Buellton	591	0	(99,768)	4,224	(2,597)	(97,550)	(97,550)	
Solvang	1,589	(138)	(250,244)	10,673	(6,676)	(244,596)	(244,596)	
Santa Ynez	765	(0)	(94,155)	3,594	(2,311)	(92,107)	(92,107)	
Goleta	7,493	(379)	(875,922)	32,707	(20,466)	(856,568)	(856,568)	
Morehart	97	(0)	(33,653)	1,456	(699)	(32,999)	(32,999)	
La Cumbre	1,078	(0)	(171,612)	7,278	(4,493)	(167,750)	(167,750)	
Raytheon	59	0	(6,750)	342	(225)	(6,574)	(6,574)	
Santa Barbara	3,167	(1,481)	(517,186)	21,745	(13,480)	(507,235)	(507,235)	
Montecito	3,167	(1,481)	(517,186)	21,745	(13,480)	(507,235)	(507,235)	
Carpinteria	2,856	0	(344,399)	14,556	(8,987)	(335,974)	(335,974)	
TOTAL:	\$ 45,482	\$ (11,469)	\$ (6,829,475)	\$ 204,445	\$ (175,840)	\$ (6,766,857)	\$ (6,766,857)	

Updated Cost Projections

We have updated the Ten-Year Cost Projections with these higher Transportation Minimum costs, which are attached to this report. To be more in line with the cost increases from DWR on an annual basis, we have escalated the Transportation Minimum costs in future years by

5% each year. These are just estimates, but we wanted to get this information out to you for planning purposes, especially for FY 2019/20, which will also be significantly higher due to the additional amount due for calendar year 2019.

I will discuss this issue in depth at the June 28, 2018 CCWA Board meeting.

RAS

Attachments

Central Coast Water Authority

ALL PROJECT PARTICIPANTS

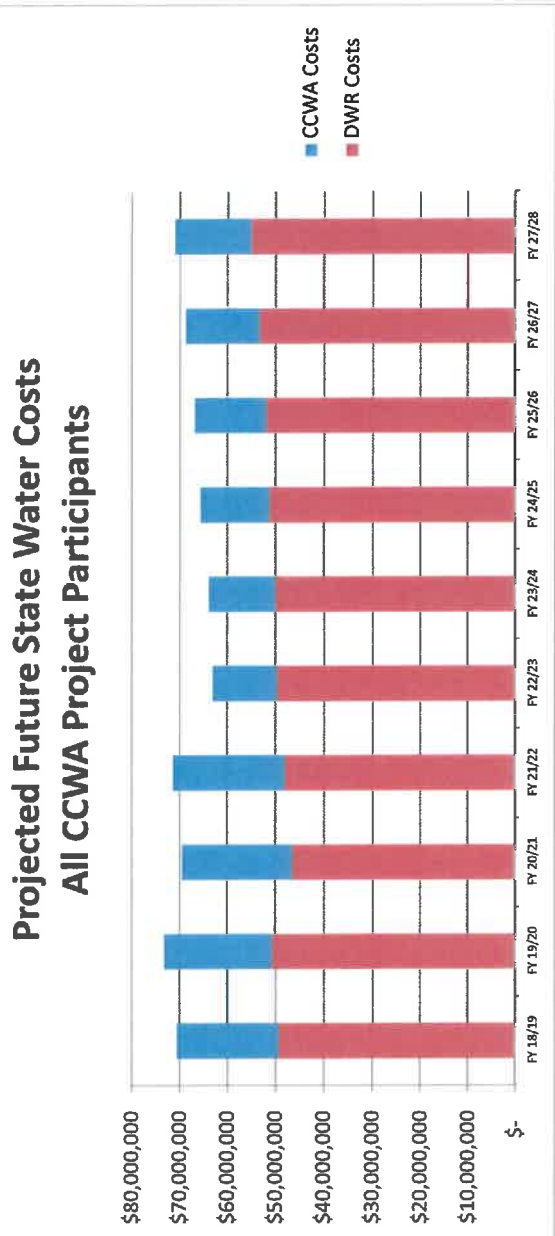
Revised State Water Cost Ten-Year Projections - Based on 2019 DWR May Estimates
Fiscal Year 2018/19 Final Budget

Water Deliveries-Fiscal Year Basis (AF) ⁽¹⁾	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Table A Water Deliveries-1st Quarter	9,629	9,629	9,629	9,629	9,629	9,629	9,629	9,629	9,629	9,629
Table A Water Deliveries-2nd Quarter	7,416	7,416	7,416	7,416	7,416	7,416	7,416	7,416	7,416	7,416
Table A Water Deliveries-3rd Quarter	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500
Table A Water Deliveries-4th Quarter	8,704	8,704	8,704	8,704	8,704	8,704	8,704	8,704	8,704	8,704
Total FY Table A Deliveries (acre-feet)	33,249	33,249	33,248	33,248	33,248	33,248	33,248	33,248	33,248	33,248
Exchange Deliveries-1st Quarter	555	555	555	555	555	555	555	555	555	555
Exchange Deliveries-2nd Quarter	75	75	75	75	75	75	75	75	75	75
Exchange Deliveries-3rd Quarter	75	75	75	75	75	75	75	75	75	75
Exchange Deliveries-4th Quarter	405	405	405	405	405	405	405	405	405	405
Total FY Exchange Deliveries (acre-feet)	1,110	1,110	1,110	1,110	1,110	1,110	1,110	1,110	1,110	1,110
CCWA Variable Cost per AF Assumptions	\$ 107	\$ 112	\$ 118	\$ 124	\$ 130	\$ 137	\$ 143	\$ 151	\$ 158	\$ 166
DWR Variable Cost per AF Assumptions	\$ 183	\$ 192	\$ 202	\$ 212	\$ 222	\$ 234	\$ 245	\$ 258	\$ 270	\$ 284
CCWA Costs										
CCWA Fixed O&M Costs ⁽²⁾	\$ 8,066,697	\$ 8,308,698	\$ 8,557,959	\$ 8,814,698	\$ 9,079,139	\$ 9,351,513	\$ 9,632,058	\$ 9,921,020	\$ 10,218,651	\$ 10,525,210
CCWA Variable O&M Costs ⁽⁵⁾	3,069,046	3,222,511	3,383,631	3,552,812	3,730,453	3,916,976	4,112,824	4,318,466	4,534,389	4,761,108
CCWA Revenue Bond Payments ⁽⁹⁾	9,442,477	10,349,500	10,335,125	10,322,375	-	-	-	-	-	-
Warren Act and Trust Fund Charges ⁽⁸⁾	732,824	732,830	732,818	732,818	732,818	732,818	732,818	732,818	732,818	732,818
Subtotal: CCWA Costs	21,311,044	22,613,539	23,009,533	23,422,703	13,542,410	14,001,306	14,477,701	14,972,304	15,485,858	16,019,136
DWR Costs ⁽⁷⁾										
Transportation Capital	19,887,316	19,589,960	19,671,318	19,895,829	19,891,728	19,889,160	19,886,299	19,883,173	19,880,044	19,873,401
Coastal Branch Extension	2,121,083	2,029,784	2,906,756	2,995,766	3,553,303	2,576,221	2,621,444	2,113,152	2,167,705	2,197,795
Water System Revenue Bond Surcharge	1,819,005	1,984,965	1,825,251	1,935,885	1,805,739	1,880,002	1,790,905	1,663,938	1,580,012	1,815,762
Transportation Minimum OMP&R	16,739,745	17,765,267	12,347,531	12,964,908	13,613,153	14,293,811	15,008,501	15,758,927	16,546,873	17,374,217
Delta Water Charge	3,259,881	3,417,780	3,595,617	3,782,345	3,978,410	4,184,278	4,400,440	4,627,409	4,865,727	5,115,961
DWR Variable Costs ⁽⁵⁾	5,544,933	5,938,175	6,235,083	6,546,837	6,874,179	7,217,888	7,578,783	7,957,722	8,355,608	8,773,388
Subtotal: DWR Costs	\$ 49,371,962	\$ 50,725,930	\$ 46,581,556	\$ 48,121,570	\$ 49,716,513	\$ 50,041,360	\$ 51,286,371	\$ 52,004,321	\$ 53,395,970	\$ 55,150,524
Total Projected State Water Costs	\$ 70,683,006	\$ 73,339,469	\$ 69,591,089	\$ 71,544,273	\$ 63,258,922	\$ 64,042,667	\$ 65,764,072	\$ 66,976,625	\$ 68,881,827	\$ 71,169,661

Central Coast Water Authority
ALL PROJECT PARTICIPANTS
 Revised State Water Cost Ten-Year Projections - Based on 2019 DWR May Estimates
 Fiscal Year 2018/19 Final Budget

<u>Projected Payments by Due Date</u>														
June 1st Fixed Payment ⁽³⁾	\$ 61,336,204	\$ 63,445,953	\$ 59,239,557	\$ 60,711,806	\$ 51,921,472	\$ 52,174,985	\$ 53,339,647	\$ 53,967,619	\$ 55,259,012	\$ 56,902,346				
April 1st Variable Payment ⁽⁴⁾	2,749,006	2,907,869	3,043,882	3,186,705	3,336,669	3,494,131	3,659,467	3,833,069	4,015,351	4,206,748				
July 1st Variable Payment	1,993,878	2,108,055	2,205,288	2,307,373	2,414,561	2,527,109	2,645,285	2,769,369	2,899,658	3,036,460				
October 1st Variable Payment	2,108,869	2,235,847	2,337,864	2,444,991	2,557,475	2,675,583	2,799,597	2,929,811	3,066,536	3,210,097				
January 1st Variable Payment	2,495,049	2,641,744	2,764,498	2,893,399	3,028,745	3,170,858	3,320,076	3,476,756	3,641,270	3,814,009				

- NOTES**
- (1) Actual water delivery requests for the first four years and delivery estimates thereafter.
 - (2) CCWA fixed costs are based on a 3% inflation factor. There is a change in Fixed Costs reflected in fiscal years 2022/23 thru 2027/28 due to the payoff of CCWA Revenue Bond Debt, thereby changing the Retirement Fixed and Capital Charges.
 - (3) June 1st fixed cost payment is paid in June BEFORE the beginning of the fiscal year shown (i.e, the FY 2018/19 fixed payment is paid on June 1, 2018).
 - (4) April 1st quarterly variable payment is paid in April BEFORE the beginning of the fiscal year shown.
 - (5) DWR and CCWA variable O&M costs are based on a 5% inflation factor. CCWA variable costs include WTP Variable Retirement charges and credits.
 - (6) Current fiscal year DWR Variable costs net of DWR account interest income credits and credits or additional charges due from prior periods.
 - (7) The source for DWR costs is DWR's 2018 Statement of Charges dated July 1, 2017.
 - (8) Warren Act Charges are \$58/AF and are based on water wheeled through Cachuma Project facilities. There are two components to these charges: Warren Act Charges at \$15/AF and Trust Fund payments at \$43/AF.
 - (9) CCWA Bond payments reflect Series 2016A Bond Debt Service Schedule after the refinancing of CCWA's 2006A Revenue Bond.



Central Coast Water Authority

City of Guadalupe

Revised State Water Cost Ten-Year Projections - Based on 2019 DWR May Estimates
Fiscal Year 2018/19 Final Budget

Water Deliveries-Fiscal Year Basis (AF) ⁽¹⁾	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Water Deliveries-1st Quarter	118	118	118	118	118	118	118	118	118	118
Water Deliveries-2nd Quarter	106	106	106	106	106	106	106	106	106	106
Water Deliveries-3rd Quarter	139	139	139	139	139	139	139	139	139	139
Water Deliveries-4th Quarter	164	164	164	164	164	164	164	164	164	164
Total FY Water Deliveries (acre-feet)	527	527	527	527	527	527	527	527	527	527

CCWA Variable Cost per AF Assumptions	\$ 83	\$ 87	\$ 91	\$ 96	\$ 101	\$ 106	\$ 111	\$ 117	\$ 122	\$ 129
DWR Variable Cost per AF Assumptions	\$ 183	\$ 192	\$ 202	\$ 212	\$ 222	\$ 234	\$ 245	\$ 258	\$ 270	\$ 284

CCWA Costs										
CCWA Fixed O&M Costs ⁽²⁾	\$ 109,394	\$ 112,675	\$ 116,056	\$ 119,537	\$ 110,631	\$ 113,950	\$ 117,369	\$ 120,890	\$ 124,517	\$ 128,252
CCWA Variable O&M Costs ⁽⁵⁾	43,676	45,859	48,152	50,560	53,088	55,742	58,529	61,456	64,529	67,755
CCWA Bond Payments & O&M Credits ⁽⁸⁾	144,041	147,449	147,244	147,062	-	-	-	-	-	-
Subtotal: CCWA Costs	297,111	305,983	311,452	317,159	163,719	169,693	175,898	182,346	189,045	196,007

DWR Costs ⁽⁷⁾										
Transportation Capital	279,473	275,294	276,438	279,593	279,535	279,499	279,459	279,415	279,371	279,277
Coastal Branch Extension	-	-	-	-	-	-	-	-	-	-
Water System Revenue Bond Surcharge	25,187	27,485	25,274	26,806	25,004	26,032	24,798	23,040	21,878	25,142
Transportation Minimum OMP&R	232,682	246,710	171,473	180,046	189,049	198,501	208,426	218,848	229,790	241,279
Delta Water Charge	43,213	45,459	47,825	50,308	52,916	55,654	58,529	61,548	64,718	68,046
DWR Variable Costs ^{(5) (6)}	119,396	101,279	106,343	111,660	117,243	123,105	129,260	135,723	142,510	149,635
Subtotal: DWR Costs	\$ 699,952	\$ 696,228	\$ 627,352	\$ 648,413	\$ 663,746	\$ 682,791	\$ 700,473	\$ 718,574	\$ 738,266	\$ 763,381
DWR Future Capital Projects (BDGP) ⁽⁵⁾										

Total Projected State Water Costs	\$ 997,062	\$ 1,002,211	\$ 938,803	\$ 965,572	\$ 827,466	\$ 852,484	\$ 876,371	\$ 900,920	\$ 927,312	\$ 959,388
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Central Coast Water Authority

City of Guadalupe

Revised State Water Cost Ten-Year Projections - Based on 2019 DWR May Estimates

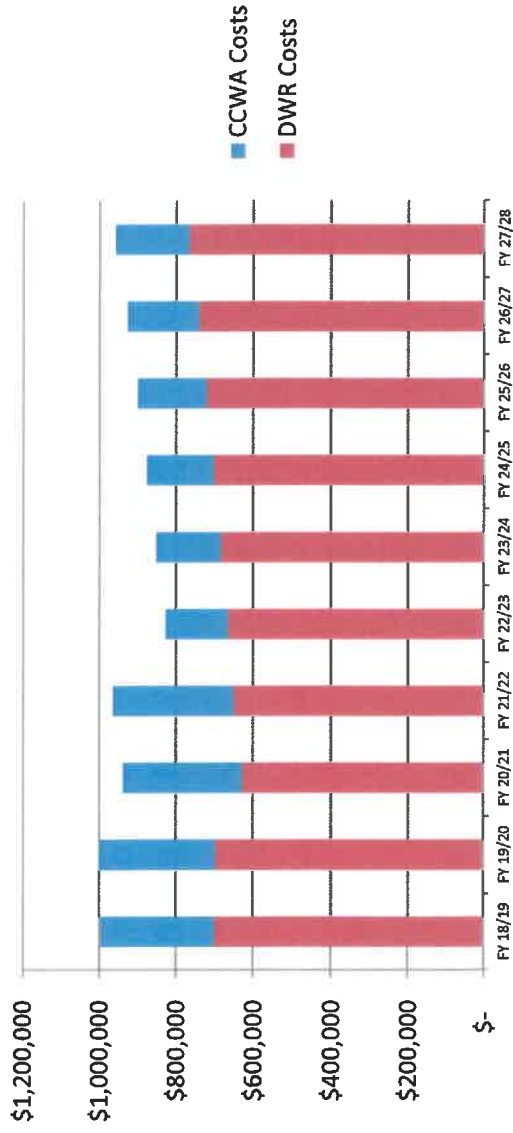
Fiscal Year 2018/19 Final Budget

<i>Projected Payments by Due Date</i>																			
June 1st Fixed Payment ⁽³⁾	\$ 833,991	\$ 855,073	\$ 784,308	\$ 803,352	\$ 657,135	\$ 673,637	\$ 688,581	\$ 703,741	\$ 720,273	\$ 741,998									
April 1st Variable Payment ⁽⁴⁾	36,513	32,946	34,593	36,322	38,139	40,046	42,048	44,150	46,358	48,676									
July 1st Variable Payment	32,800	29,595	31,075	32,629	34,260	35,973	37,772	39,660	41,643	43,726									
October 1st Variable Payment	43,011	38,809	40,749	42,787	44,926	47,172	49,531	52,007	54,608	57,338									
January 1st Variable Payment	50,747	45,789	48,078	50,482	53,006	55,657	58,439	61,361	64,429	67,651									

NOTES

- (1) Actual water delivery requests for the first four years and delivery estimates thereafter.
- (2) CCWA fixed costs are based on a 3% inflation factor. There is a reduction in Fixed Costs reflected in fiscal years 2022/23 thru 2027/28 due to the payoff of CCWA Revenue Bond Debt, thereby reducing the Retirement Fixed and Capital Charges.
- (3) June 1st fixed cost payment is paid in June BEFORE the beginning of the fiscal year shown (i.e., the FY 2018/19 fixed payment is paid on June 1, 2018).
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- (5) DWR and CCWA variable O&M costs are based on a 5% inflation factor. CCWA variable costs include WTP Variable Retirement charges and credits.
- (6) Current fiscal year DWR Variable costs net of DWR account interest income credits and credits or additional charges due from prior periods.
- (7) The source for DWR costs is DWR's 2018 Statement of Charges dated July 1, 2017.
- (8) CCWA Bond payments reflect Series 2016A Bond Debt Service Schedule after the refinancing of CCWA's 2006A Revenue Bond.

**Projected Future State Water Costs
City of Guadalupe**



Central Coast Water Authority
City of Santa Maria
 State Water Cost Ten-Year Projections
 Fiscal Year 2018/19 Final Budget

Water Deliveries-Fiscal Year Basis (AF) ⁽⁴⁾	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Water Deliveries-1st Quarter	3,863	3,863	3,863	3,863	3,863	3,863	3,863	3,863	3,863	3,863
Water Deliveries-2nd Quarter	2,554	2,554	2,554	2,554	2,554	2,554	2,554	2,554	2,554	2,554
Water Deliveries-3rd Quarter	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312
Water Deliveries-4th Quarter	3,312	3,312	3,312	3,312	3,312	3,312	3,312	3,312	3,312	3,312
Total FY Water Deliveries (acre-feet)	12,041	12,041	12,041	12,041	12,041	12,041	12,041	12,041	12,041	12,041

CCWA Variable Cost per AF Assumptions	\$ 83	\$ 87	\$ 91	\$ 96	\$ 101	\$ 106	\$ 111	\$ 117	\$ 122	\$ 129
DWR Variable Cost per AF Assumptions	\$ 183	\$ 192	\$ 202	\$ 212	\$ 222	\$ 234	\$ 245	\$ 258	\$ 270	\$ 284

CCWA Costs										
CCWA Fixed O&M Costs ⁽²⁾	\$ 3,184,017	\$ 3,279,538	\$ 3,377,924	\$ 3,479,262	\$ 3,215,693	\$ 3,312,164	\$ 3,411,529	\$ 3,513,875	\$ 3,619,291	\$ 3,727,870
CCWA Variable O&M Costs ⁽⁵⁾	997,907	1,047,803	1,100,193	1,155,203	1,212,963	1,273,611	1,337,291	1,404,156	1,474,364	1,548,082
CCWA Bond Payments & O&M Credits	(317,035)	-	-	-	-	-	-	-	-	-
Subtotal: CCWA Costs	3,864,889	4,327,340	4,478,117	4,634,464	4,428,656	4,585,775	4,748,820	4,918,031	5,093,655	5,275,952

DWR Costs ⁽⁷⁾										
Transportation Capital	8,231,750	8,108,669	8,142,344	8,235,274	8,233,576	8,232,514	8,231,329	8,230,035	8,228,740	8,225,991
Coastal Branch Extension	462,340	442,407	633,549	652,950	774,469	561,507	571,363	460,577	472,468	479,026
Water System Revenue Bond Surcharge	740,797	808,384	743,340	788,397	735,394	765,638	729,353	677,645	643,466	739,476
Transportation Minimum OMP&R	6,842,557	7,266,732	5,050,653	5,303,186	5,568,345	5,846,762	6,139,100	6,446,055	6,768,358	7,106,776
Delta Water Charge	1,280,807	1,338,980	1,408,651	1,481,805	1,558,617	1,639,270	1,723,955	1,812,875	1,906,241	2,004,274
DWR Variable Costs ^{(5),(6)}	2,315,120	2,314,041	2,429,743	2,551,230	2,678,792	2,812,732	2,953,368	3,101,037	3,256,088	3,418,893
Subtotal: DWR Costs	\$ 19,873,371	\$ 20,279,213	\$ 18,408,281	\$ 19,012,841	\$ 19,549,194	\$ 19,858,422	\$ 20,348,469	\$ 20,728,225	\$ 21,275,361	\$ 21,974,436
DWR Future Capital Projects (BDCP) ⁽⁵⁾										

Total Projected State Water Costs	\$ 23,738,261	\$ 24,606,553	\$ 22,886,398	\$ 23,647,306	\$ 23,977,850	\$ 24,444,197	\$ 25,097,290	\$ 25,646,256	\$ 26,369,016	\$ 27,250,388
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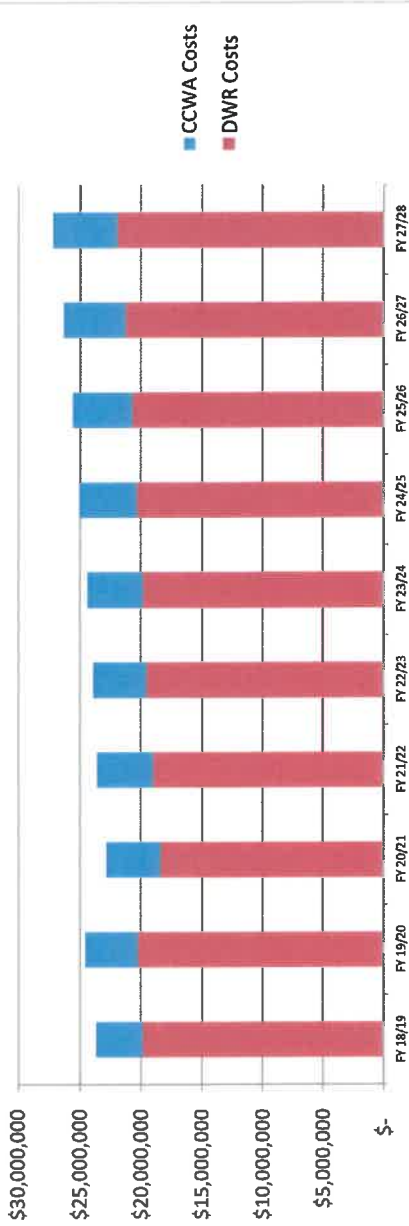
Central Coast Water Authority
City of Santa Maria
 State Water Cost Ten-Year Projections
 Fiscal Year 2018/19 Final Budget

<u>Projected Payments by Due Date</u>																			
June 1st Fixed Payment ⁽³⁾	\$ 20,425,233	\$ 21,244,709	\$ 19,356,462	\$ 19,940,873	\$ 20,086,095	\$ 20,357,855	\$ 20,806,630	\$ 21,141,063	\$ 21,638,564	\$ 22,283,413									
April 1st Variable Payment ⁽⁴⁾	1,062,887	1,078,549	1,132,476	1,189,100	1,248,555	1,310,983	1,376,532	1,445,358	1,517,626	1,593,507									
July 1st Variable Payment	702,722	713,076	748,730	786,166	825,475	866,748	910,086	955,590	1,003,370	1,053,538									
October 1st Variable Payment	636,136	645,510	677,785	711,675	747,258	784,621	823,852	865,045	908,297	953,712									
January 1st Variable Payment	911,282	924,710	970,945	1,019,492	1,070,467	1,123,990	1,180,190	1,239,199	1,301,159	1,366,217									

NOTES

- (1) Actual water delivery requests for the first four years and delivery estimates thereafter.
- (2) CCWA fixed costs are based on a 3% inflation factor. There is a reduction in Fixed Costs reflected in fiscal years 2022/23 thru 2027/28 due to the payoff of CCWA Revenue Bond Debt, thereby reducing the Retirement Fixed and Capital Charges.
- (3) June 1st fixed cost payment is paid in June BEFORE the beginning of the fiscal year shown (i.e. the FY 2018/19 fixed payment is paid on June 1, 2018).
- (4) April 1st quarterly variable payment is paid in April BEFORE the beginning of the fiscal year shown.
- (5) DWR and CCWA variable O&M costs are based on a 5% inflation factor. CCWA variable costs include WTP Variable Retirement charges and credits.
- (6) Current fiscal year DWR Variable costs net of DWR account interest income credits and credits or additional charges due from prior periods.
- (7) The source for DWR costs is DWR's 2018 Statement of Charges dated July 1, 2017.

**Projected Future State Water Costs
 City of Santa Maria**



Central Coast Water Authority

Golden State Water Company

State Water Cost Ten-Year Projections
Fiscal Year 2018/19 Final Budget

Water Deliveries-Fiscal Year Basis (AF) ⁽¹⁾	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Water Deliveries-1st Quarter	124	124	124	124	124	124	124	124	124	124
Water Deliveries-2nd Quarter	57	57	57	57	57	57	57	57	57	57
Water Deliveries-3rd Quarter	60	60	60	60	60	60	60	60	60	60
Water Deliveries-4th Quarter	94	94	94	94	94	94	94	94	94	94
Total FY Water Deliveries (acre-feet)	335	335	335	335	335	335	335	335	335	335

CCWA Variable Cost per AF Assumptions	\$ 83	\$ 87	\$ 91	\$ 96	\$ 101	\$ 106	\$ 111	\$ 117	\$ 122	\$ 129
DWR Variable Cost per AF Assumptions	\$ 183	\$ 192	\$ 202	\$ 212	\$ 222	\$ 234	\$ 245	\$ 258	\$ 270	\$ 284

CCWA Costs										
CCWA Fixed O&M Costs ⁽²⁾	\$ 107,086	\$ 110,299	\$ 113,608	\$ 117,016	\$ 109,170	\$ 112,445	\$ 115,819	\$ 119,293	\$ 122,872	\$ 126,558
CCWA Variable O&M Costs ⁽⁵⁾	27,763	29,152	30,609	32,140	33,747	35,434	37,206	39,066	41,019	43,070
CCWA Bond Payments & O&M Credits	(9,666)	-	-	-	-	-	-	-	-	-
Subtotal: CCWA Costs	125,184	139,451	144,217	149,156	142,917	147,879	153,024	158,359	163,891	169,629

DWR Costs ⁽⁷⁾										
Transportation Capital	254,066	250,268	251,307	254,175	254,123	254,090	254,053	254,013	253,973	253,889
Coastal Branch Extension	14,270	13,643	19,538	20,136	23,884	17,316	17,620	14,204	14,570	14,773
Water System Revenue Bond Surcharge	22,834	24,918	22,913	24,302	22,668	23,600	22,482	20,888	19,834	22,794
Transportation Minimum OMP&R	210,421	224,282	155,884	163,679	171,862	180,456	189,478	198,952	208,900	219,345
Delta Water Charge	39,284	41,327	43,477	45,735	48,105	50,595	53,208	55,953	58,835	61,860
DWR Variable Costs ^{(5) (6)}	40,893	64,380	67,599	70,979	74,528	78,255	82,167	86,276	90,590	95,119
Subtotal: DWR Costs	\$ 581,769	\$ 618,817	\$ 560,718	\$ 579,006	\$ 595,171	\$ 604,311	\$ 619,010	\$ 630,286	\$ 646,702	\$ 667,779
DWR Future Capital Projects (BDGP) ⁽⁵⁾										

Total Projected State Water Costs	\$ 706,953	\$ 758,268	\$ 704,936	\$ 728,162	\$ 738,088	\$ 752,191	\$ 772,034	\$ 788,645	\$ 810,594	\$ 837,408
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Central Coast Water Authority
Golden State Water Company
 State Water Cost Ten-Year Projections
 Fiscal Year 2018/19 Final Budget

Projected Payments by Due Date

June 1st Fixed Payment ⁽³⁾	\$ 638,296	\$ 664,736	\$ 606,727	\$ 625,043	\$ 629,813	\$ 638,502	\$ 652,661	\$ 663,304	\$ 678,985	\$ 699,219
April 1st Variable Payment ⁽⁴⁾	25,413	34,621	36,352	38,169	40,078	42,082	44,186	46,395	48,715	51,151
July 1st Variable Payment	11,682	15,914	16,710	17,546	18,423	19,344	20,311	21,327	22,393	23,513
October 1st Variable Payment	12,297	16,752	17,590	18,469	19,393	20,362	21,380	22,449	23,572	24,750
January 1st Variable Payment	19,265	26,245	27,557	28,935	30,382	31,901	33,496	35,171	36,929	38,775

NOTES

- (1) Actual water delivery requests for the first four years and delivery estimates thereafter.
- (2) CCWA fixed costs are based on a 3% inflation factor. There is a reduction in Fixed Costs reflected in fiscal years 2022/23 thru 2027/28 due to the payoff of CCWA Revenue Bond Debt, thereby reducing the Retirement Fixed and Capital Charges.
- (3) June 1st fixed cost payment is paid in June BEFORE the beginning of the fiscal year shown (i.e., the FY 2018/19 fixed payment is paid on June 1, 2018).
- (4) April 1st quarterly variable payment is paid in April BEFORE the beginning of the fiscal year shown.
- (5) DWR and CCWA variable O&M costs are based on a 5% inflation factor. CCWA variable costs include WTP Variable Retirement charges and credits.
- (6) Current fiscal year DWR Variable costs net of DWR account interest income credits and credits or additional charges due from prior periods.
- (7) The source for DWR costs is DWR's 2018 Statement of Charges dated July 1, 2017.

**Projected Future State Water Costs
 Golden State Water Company**



Central Coast Water Authority
Vandenberg AFB

State Water Cost Ten-Year Projections
 Fiscal Year 2018/19 Final Budget

Water Deliveries-Fiscal Year Basis (AF) ⁽¹⁾	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Water Deliveries-1st Quarter	899	899	899	899	899	899	899	899	899	899
Water Deliveries-2nd Quarter	511	511	511	511	511	511	511	511	511	511
Water Deliveries-3rd Quarter	473	473	473	473	473	473	473	473	473	473
Water Deliveries-4th Quarter	711	711	711	711	711	711	711	711	711	711
Total FY Water Deliveries (acre-feet)	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594

CCWA Variable Cost per AF Assumptions	\$ 83	\$ 87	\$ 91	\$ 96	\$ 101	\$ 106	\$ 111	\$ 117	\$ 122	\$ 129
DWR Variable Cost per AF Assumptions	\$ 183	\$ 192	\$ 202	\$ 212	\$ 222	\$ 234	\$ 245	\$ 258	\$ 270	\$ 284

CCWA Costs										
CCWA Fixed O&M Costs ⁽²⁾	\$ 1,188,443	\$ 1,224,096	\$ 1,260,819	\$ 1,298,643	\$ 1,212,683	\$ 1,249,063	\$ 1,286,535	\$ 1,325,131	\$ 1,364,885	\$ 1,405,832
CCWA Variable O&M Costs ⁽⁵⁾	214,980	225,729	237,015	248,866	261,309	274,375	288,094	302,498	317,623	333,504
CCWA Bond Payments & O&M Credits	-	-	-	-	-	-	-	-	-	-
Subtotal: CCWA Costs	1,403,422	1,449,825	1,497,834	1,547,509	1,473,992	1,523,438	1,574,629	1,627,629	1,682,508	1,739,336

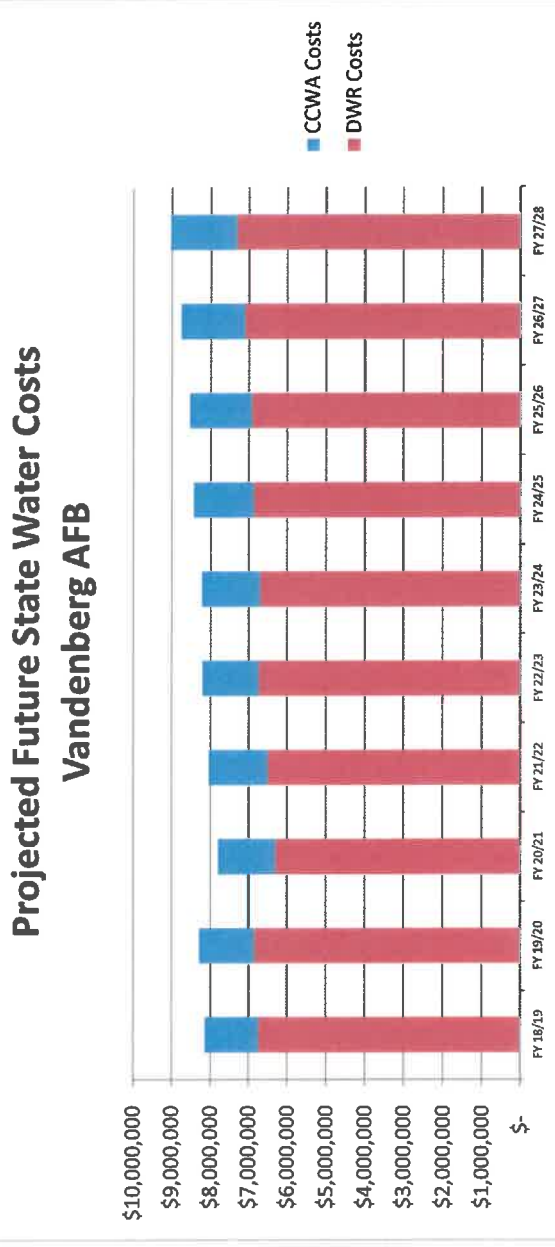
DWR Costs ⁽⁷⁾										
Transportation Capital	2,794,730	2,752,943	2,764,376	2,795,926	2,795,350	2,794,989	2,794,587	2,794,148	2,793,708	2,792,775
Coastal Branch Extension	414,358	396,543	567,871	585,260	694,182	503,297	512,132	412,831	423,488	429,367
Water System Revenue Bond Surcharge	251,589	274,543	252,452	267,754	249,754	260,025	247,702	230,141	218,533	251,140
Transportation Minimum OMP&R	2,323,651	2,467,100	1,714,728	1,800,464	1,890,487	1,985,012	2,084,262	2,188,476	2,297,899	2,412,794
Delta Water Charge	432,129	454,592	478,246	503,082	529,160	556,542	585,293	615,482	647,180	680,464
DWR Variable Costs ⁽⁵⁾⁽⁶⁾	530,118	498,515	523,441	549,613	577,094	605,948	636,246	668,058	701,461	736,534
Subtotal: DWR Costs	\$ 6,746,575	\$ 6,844,237	\$ 6,301,114	\$ 6,502,100	\$ 6,736,027	\$ 6,705,814	\$ 6,860,223	\$ 6,909,136	\$ 7,082,270	\$ 7,303,073
DWR Future Capital Projects (BDCP) ⁽⁵⁾										

Total Projected State Water Costs	\$ 8,149,997	\$ 8,294,061	\$ 7,798,948	\$ 8,049,610	\$ 8,210,019	\$ 8,229,252	\$ 8,434,851	\$ 8,536,765	\$ 8,764,779	\$ 9,042,409
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Central Coast Water Authority
Vandenberg AFB
 State Water Cost Ten-Year Projections
 Fiscal Year 2018/19 Final Budget

<u>Projected Payments by Due Date</u>	
June 1st Fixed Payment ⁽³⁾	\$ 7,404,899 \$ 7,569,817 \$ 7,038,492 \$ 7,251,130 \$ 7,371,616 \$ 7,348,928 \$ 7,510,512 \$ 7,566,208 \$ 7,745,694 \$ 7,972,371
April 1st Variable Payment ⁽⁴⁾	258,228 251,001 263,551 276,728 290,565 305,093 320,347 336,365 353,183 370,842
July 1st Variable Payment	146,779 142,671 149,805 157,295 165,160 173,418 182,088 191,193 200,753 210,790
October 1st Variable Payment	135,864 132,061 138,665 145,598 152,878 160,522 168,548 176,975 185,824 195,115
January 1st Variable Payment	204,227 198,511 208,437 218,858 229,801 241,291 253,356 266,024 279,325 293,291

- NOTES**
- (1) Actual water delivery requests for the first four years and delivery estimates thereafter.
 - (2) CCWA fixed costs are based on a 3% inflation factor. There is a reduction in Fixed Costs reflected in fiscal years 2022/23 thru 2027/28 due to the payoff of CCWA Revenue Bond Debt, thereby reducing the Retirement Fixed and Capital Charges.
 - (3) June 1st fixed cost payment is paid in June BEFORE the beginning of the fiscal year shown (i.e., the FY 2018/19 fixed payment is paid on June 1, 2018).
 - (4) April 1st quarterly variable payment is paid in April BEFORE the beginning of the fiscal year shown.
 - (5) DWR and CCWA variable O&M costs are based on a 5% inflation factor. CCWA variable costs include WTP Variable Retirement charges and credits.
 - (6) Current fiscal year DWR Variable costs net of DWR account interest income credits and credits or additional charges due from prior periods.
 - (7) The source for DWR costs is DWR's 2018 Statement of Charges dated July 1, 2017.



Central Coast Water Authority
City of Buellton
 Revised State Water Cost Ten-Year Projections - Based on 2019 DWR May Estimates
 Fiscal Year 2018/19 Final Budget

Water Deliveries-Fiscal Year Basis (AF) ⁽¹⁾	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Water Deliveries-1st Quarter	182	182	182	182	182	182	182	182	182	182
Water Deliveries-2nd Quarter	73	73	73	73	73	73	73	73	73	73
Water Deliveries-3rd Quarter	135	135	135	135	135	135	135	135	135	135
Water Deliveries-4th Quarter	162	162	162	162	162	162	162	162	162	162
Total FY Water Deliveries (acre-feet)	552	552	552	552	552	552	552	552	552	552

CCWA Variable Cost per AF Assumptions	\$ 83	\$ 87	\$ 91	\$ 96	\$ 101	\$ 106	\$ 111	\$ 117	\$ 122	\$ 129
DWR Variable Cost per AF Assumptions	\$ 183	\$ 192	\$ 202	\$ 212	\$ 222	\$ 234	\$ 245	\$ 258	\$ 270	\$ 284

CCWA Costs										
CCWA Fixed O&M Costs ⁽²⁾	\$ 149,154	\$ 153,628	\$ 158,237	\$ 162,984	\$ 154,746	\$ 159,388	\$ 164,170	\$ 169,095	\$ 174,168	\$ 179,393
CCWA Variable O&M Costs ⁽⁵⁾	45,747	48,035	50,437	52,958	55,606	58,387	61,306	64,371	67,590	70,969
CCWA Bond Payments & O&M Credits ⁽⁸⁾	249,286	261,196	260,833	260,511	-	-	-	-	-	-
Subtotal: CCWA Costs	444,187	462,859	469,507	476,454	210,352	217,775	225,476	233,466	241,758	250,362

DWR Costs ⁽⁷⁾										
Transportation Capital	293,701	289,309	290,511	293,826	293,766	293,728	293,686	293,639	293,593	293,495
Coastal Branch Extension	43,545	41,658	59,656	61,483	72,925	52,873	53,801	43,369	44,488	45,106
Water System Revenue Bond Surcharge	26,466	28,881	26,557	28,167	26,273	27,354	26,057	24,210	22,989	26,419
Transportation Minimum OMP&R	244,400	259,270	180,202	189,212	198,673	208,607	219,037	229,989	241,488	253,563
Delta Water Charge	45,427	47,789	50,275	52,886	55,627	58,506	61,528	64,702	68,034	71,533
DWR Variable Costs ^{(5) (6)}	101,940	106,083	111,388	116,957	122,805	128,945	135,392	142,162	149,270	156,734
Subtotal: DWR Costs	\$ 755,480	\$ 772,990	\$ 718,589	\$ 742,531	\$ 770,070	\$ 770,012	\$ 789,501	\$ 798,071	\$ 819,863	\$ 846,849
DWR Future Capital Projects (BDCP) ⁽⁵⁾										

Total Projected State Water Costs	\$ 1,199,667	\$ 1,235,849	\$ 1,188,096	\$ 1,218,985	\$ 980,422	\$ 987,787	\$ 1,014,977	\$ 1,031,537	\$ 1,061,621	\$ 1,097,212
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Central Coast Water Authority
City of Buellton
 Revised State Water Cost Ten-Year Projections - Based on 2019 DWR May Estimates
 Fiscal Year 2018/19 Final Budget

<i>Projected Payments by Due Date</i>																						
June 1st Fixed Payment ⁽³⁾	\$ 1,051,979	\$ 1,081,730	\$ 1,026,271	\$ 1,049,070	\$ 802,011	\$ 800,455	\$ 818,279	\$ 825,004	\$ 844,761	\$ 869,509												
April 1st Variable Payment ⁽⁴⁾	48,694	50,814	53,355	56,023	58,824	61,765	64,853	68,096	71,501	75,076												
July 1st Variable Payment	19,531	20,382	21,401	22,471	23,594	24,774	26,013	27,313	28,679	30,113												
October 1st Variable Payment	36,119	37,692	39,577	41,555	43,633	45,815	48,106	50,511	53,036	55,688												
January 1st Variable Payment	43,343	45,230	47,492	49,866	52,360	54,978	57,727	60,613	63,644	66,826												

**Projected Future State Water Costs
 City of Buellton**



- NOTES
- (1) Actual water delivery requests for the first four years and delivery estimates thereafter.
 - (2) CCWA fixed costs are based on a 3% inflation factor. There is a reduction in Fixed Costs reflected in fiscal years 2022/23 thru 2027/28 due to the payoff of CCWA Revenue Bond Debt, thereby reducing the Retirement Fixed and Capital Charges.
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 - (5) DWR and CCWA variable O&M costs are based on a 5% inflation factor. CCWA variable costs include WTP Variable Retirement charges and credits.
 - (6) Current fiscal year DWR Variable costs net of DWR account interest income credits and credits or additional charges due from prior periods.
 - (7) The source for DWR costs is DWR's 2018 Statement of Charges dated July 1, 2017.
 - (8) CCWA Bond payments reflect Series 2016A Bond Debt Service Schedule after the refinancing of CCWA's 2006A Revenue Bond.

Central Coast Water Authority
Santa Ynez ID#1 (Solvang)
 Revised State Water Cost Ten-Year Projections - Based on 2019 DWR May Estimates
 Fiscal Year 2018/19 Final Budget

Water Deliveries-Fiscal Year Basis (AF) ⁽¹⁾	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Water Deliveries-1st Quarter	370	370	370	370	370	370	370	370	370	370
Water Deliveries-2nd Quarter	170	170	170	170	170	170	170	170	170	170
Water Deliveries-3rd Quarter	145	145	145	145	145	145	145	145	145	145
Water Deliveries-4th Quarter	280	280	280	280	280	280	280	280	280	280
Total FY Water Deliveries (acre-feet)	965	965	965	965	965	965	965	965	965	965

CCWA Variable Cost per AF Assumptions	\$ 83	\$ 87	\$ 91	\$ 96	\$ 101	\$ 106	\$ 111	\$ 117	\$ 122	\$ 129
DWR Variable Cost per AF Assumptions	\$ 183	\$ 192	\$ 202	\$ 212	\$ 222	\$ 234	\$ 245	\$ 258	\$ 270	\$ 284

CCWA Costs										
CCWA Fixed O&M Costs ⁽²⁾	\$ 375,484	\$ 386,749	\$ 398,351	\$ 410,302	\$ 388,542	\$ 400,198	\$ 412,204	\$ 424,570	\$ 437,307	\$ 450,427
CCWA Variable O&M Costs ⁽⁵⁾	79,975	83,974	88,173	92,581	97,210	102,071	107,174	112,533	118,160	124,068
CCWA Bond Payments & O&M Credits ⁽⁸⁾	769,074	802,128	801,014	800,025	-	-	-	-	-	-
Subtotal: CCWA Costs	1,224,534	1,272,851	1,287,538	1,302,909	485,752	502,269	519,378	537,103	555,467	574,494

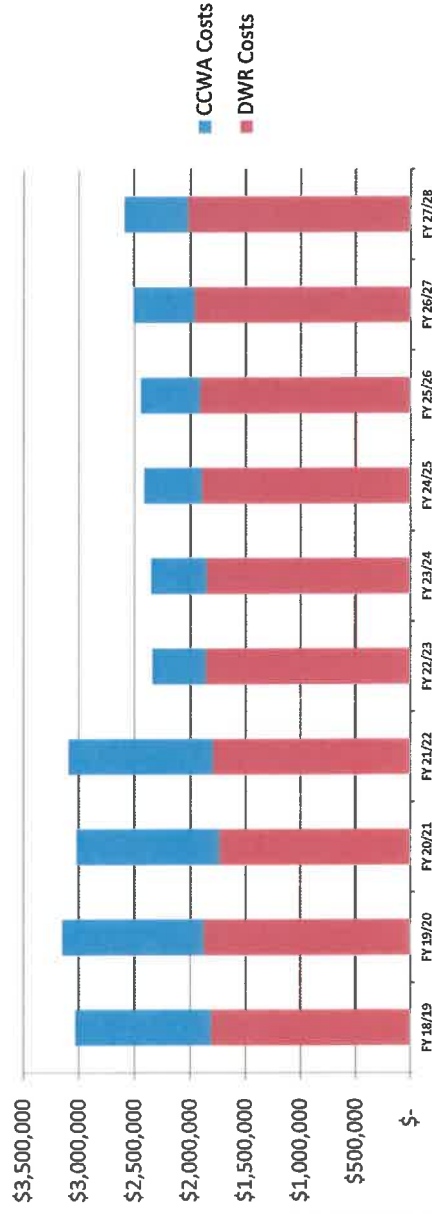
DWR Costs ⁽⁷⁾										
Transportation Capital	754,825	743,538	746,626	755,148	754,992	754,894	754,786	754,667	754,548	754,296
Coastal Branch Extension	113,007	108,152	154,880	159,622	189,329	137,268	139,677	112,594	115,501	117,104
Water System Revenue Bond Surcharge	66,183	72,221	66,410	70,435	65,700	68,402	65,160	60,541	57,487	66,065
Transportation Minimum OMP&R	615,023	653,906	454,490	477,214	501,075	526,129	552,435	580,057	609,060	639,513
Delta Water Charge	107,735	112,709	118,573	124,731	131,197	137,986	145,114	152,599	160,458	168,710
DWR Variable Costs ^{(5) (6)}	152,886	185,454	194,727	204,463	214,686	225,420	236,691	248,526	260,952	274,000
Subtotal: DWR Costs	\$ 1,809,658	\$ 1,875,981	\$ 1,735,706	\$ 1,791,613	\$ 1,856,979	\$ 1,850,099	\$ 1,893,864	\$ 1,908,984	\$ 1,958,007	\$ 2,019,688

Total Projected State Water Costs	\$ 3,034,192	\$ 3,148,831	\$ 3,023,243	\$ 3,094,522	\$ 2,342,731	\$ 2,352,368	\$ 2,413,243	\$ 2,446,087	\$ 2,513,474	\$ 2,594,182
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Central Coast Water Authority
Santa Ynez ID#1 (Solvang)
 Revised State Water Cost Ten-Year Projections - Based on 2019 DWR May Estimates
 Fiscal Year 2018/19 Final Budget

<u>Projected Payments by Due Date</u>																				
June 1st Fixed Payment ⁽³⁾	\$ 2,801,331	\$ 2,879,403	\$ 2,740,344	\$ 2,797,478	\$ 2,030,835	\$ 2,024,877	\$ 2,069,377	\$ 2,085,028	\$ 2,134,362	\$ 2,196,115										
April 1st Variable Payment ⁽⁴⁾	89,284	103,304	108,469	113,893	119,587	125,567	131,845	138,437	145,359	152,627										
July 1st Variable Payment	41,022	47,464	49,837	52,329	54,945	57,693	60,577	63,606	66,787	70,126										
October 1st Variable Payment	34,990	40,484	42,508	44,634	46,865	49,209	51,669	54,252	56,965	59,813										
January 1st Variable Payment	67,566	78,176	82,085	86,189	90,498	95,023	99,774	104,763	110,001	115,501										

**Projected Future State Water Costs
 Santa Ynez ID#1 (Solvang)**



- NOTES**
- (1) Actual water delivery requests for the first four years and delivery estimates thereafter.
 - (2) CCWA fixed costs are based on a 3% inflation factor. There is a reduction in Fixed Costs reflected in fiscal years 2022/23 thru 2027/28 due to the payoff of CCWA Revenue Bond Debt, thereby reducing the Retirement Fixed and Capital Charges.
 - (3) June 1st fixed cost payment is paid in June BEFORE the beginning of the fiscal year shown (i.e., the FY 2018/19 fixed payment is paid on June 1, 2018).
 - (4) April 1st quarterly variable payment is paid in April BEFORE the beginning of the fiscal year shown.
 - (5) DWR and CCWA variable O&M costs are based on a 5% inflation factor. CCWA variable costs include WTP Variable Retirement charges and credits.
 - (6) DWR Variable costs net of DWR account interest income credits and credits or additional charges due from prior periods.
 - (7) The source for DWR costs is DWR's 2018 Statement of Charges dated July 1, 2017.
 - (8) CCWA Bond payments reflect Series 2016A Bond Debt Service Schedule after the refinancing of CCWA's 2006A Revenue Bond.

Central Coast Water Authority

Santa Ynez ID#1

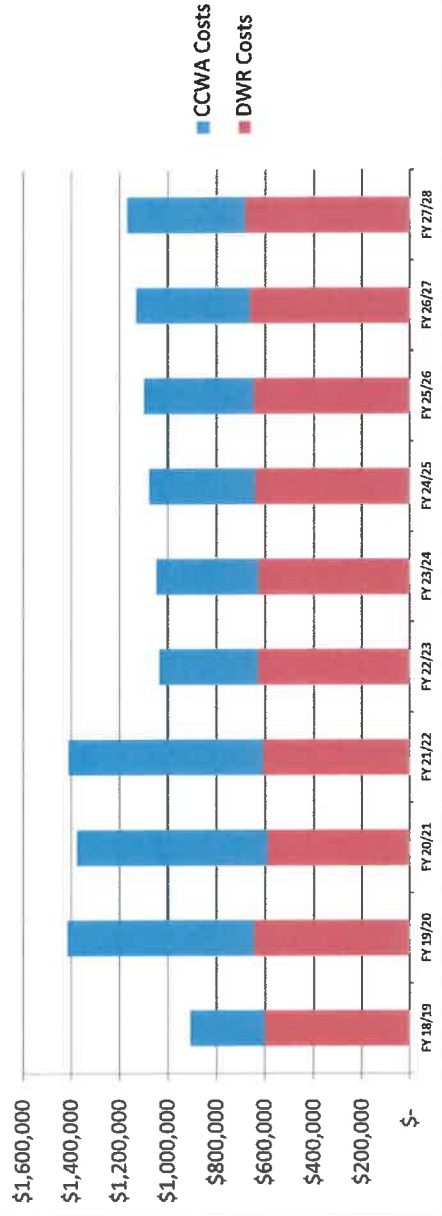
Revised State Water Cost Ten-Year Projections - Based on 2019 DWR May Estimates
Fiscal Year 2018/19 Final Budget

Water Deliveries-Fiscal Year Basis (AF) ⁽¹⁾	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Table A Water Deliveries-1st Quarter	65	65	65	65	65	65	65	65	65	65
Table A Water Deliveries-2nd Quarter	15	15	15	15	15	15	15	15	15	15
Table A Water Deliveries-3rd Quarter	-	-	-	-	-	-	-	-	-	-
Table A Water Deliveries-4th Quarter	60	60	60	60	60	60	60	60	60	60
Total FY Table A Deliveries (acre-feet)	140	140	140	140	140	140	140	140	140	140
Exchange Deliveries-1st Quarter	555	555	555	555	555	555	555	555	555	555
Exchange Deliveries-2nd Quarter	75	75	75	75	75	75	75	75	75	75
Exchange Deliveries-3rd Quarter	75	75	75	75	75	75	75	75	75	75
Exchange Deliveries-4th Quarter	405	405	405	405	405	405	405	405	405	405
Total FY Exchange Deliveries (acre-feet)	1,110	1,110	1,110	1,110	1,110	1,110	1,110	1,110	1,110	1,110
CCWA Variable Cost per AF Assumptions	\$ 83	\$ 87	\$ 91	\$ 96	\$ 101	\$ 106	\$ 111	\$ 117	\$ 122	\$ 129
DWR Variable Cost per AF Assumptions	\$ 183	\$ 192	\$ 202	\$ 212	\$ 222	\$ 234	\$ 245	\$ 258	\$ 270	\$ 284
CCWA Costs										
CCWA Fixed O&M Costs ⁽²⁾	\$ 352,998	\$ 363,588	\$ 374,496	\$ 385,731	\$ 282,792	\$ 291,276	\$ 300,014	\$ 309,015	\$ 318,285	\$ 327,834
CCWA Variable O&M Costs ⁽⁵⁾	103,595	108,774	114,232	119,944	125,941	132,238	138,850	145,793	153,082	160,737
CCWA Bond Payments & O&M Credits ⁽⁸⁾	(147,670)	301,242	300,823	300,452	-	-	-	-	-	-
Subtotal: CCWA Costs	308,923	773,605	789,552	806,127	408,734	423,514	438,865	454,808	471,368	488,570
DWR Costs ⁽⁷⁾										
Transportation Capital	261,441	257,532	258,601	261,553	261,499	261,465	261,428	261,387	261,345	261,258
Coastal Branch Extension	37,669	36,065	51,647	53,229	63,135	45,775	46,578	37,547	38,516	39,051
Water System Revenue Bond Surcharge	25,090	27,379	25,176	26,703	24,907	25,932	24,703	22,951	21,794	25,046
Transportation Minimum OMP&R	229,834	243,221	169,048	177,500	186,375	195,694	205,479	215,753	226,540	237,867
Delta Water Charge	49,082	52,597	55,334	58,208	61,225	64,393	67,720	71,213	74,880	78,731
DWR Variable Costs ⁽⁵⁾⁽⁶⁾	(3,267)	26,905	28,250	29,663	31,146	32,703	34,339	36,056	37,858	39,751
Subtotal: DWR Costs	\$ 599,850	\$ 643,700	\$ 588,058	\$ 606,855	\$ 628,288	\$ 625,962	\$ 640,246	\$ 644,906	\$ 660,934	\$ 681,704
Total Projected State Water Costs	\$ 908,772	\$ 1,417,305	\$ 1,377,610	\$ 1,412,983	\$ 1,037,022	\$ 1,049,477	\$ 1,079,110	\$ 1,099,713	\$ 1,132,302	\$ 1,170,274

Central Coast Water Authority
Santa Ynez ID#1
 Revised State Water Cost Ten-Year Projections - Based on 2019 DWR May Estimates
 Fiscal Year 2018/19 Final Budget

<u>Projected Payments by Due Date</u>																									
June 1st Fixed Payment ⁽³⁾	\$	808,445	\$	1,281,625	\$	1,235,127	\$	1,263,376	\$	879,934	\$	884,535	\$	905,921	\$	917,865	\$	941,361	\$	969,787					
April 1st Variable Payment ⁽⁴⁾		49,762		66,444		69,766		73,254		76,917		80,763		84,801		89,041		93,493		98,168					
July 1st Variable Payment		7,224		10,714		11,269		11,833		12,425		13,046		13,698		14,383		15,102		15,857					
October 1st Variable Payment		6,020		6,526		6,853		7,195		7,555		7,933		8,330		8,746		9,183		9,643					
January 1st Variable Payment		37,322		51,995		54,595		57,324		60,191		63,200		66,360		69,678		73,162		76,820					

**Projected Future State Water Costs
 Santa Ynez ID#1**



- NOTES**
- (1) Actual water delivery requests for the first four years and delivery estimates thereafter.
 - (2) CCWA fixed costs are based on a 3% inflation factor. There is a reduction in Fixed Costs reflected in fiscal years 2022/23 thru 2027/28 due to the payoff of CCWA Revenue Bond Debt, thereby reducing the Retirement Fixed and Capital Charges.
 - (3) June 1st fixed cost payment is paid in June BEFORE the beginning of the fiscal year shown (i.e., the FY 2018/19 fixed payment is paid on June 1, 2018).
 - (4) April 1st quarterly variable payment is paid in April BEFORE the beginning of the fiscal year shown.
 - (5) DWR and CCWA variable O&M costs are based on a 5% inflation factor. CCWA variable costs include WTP Variable Retirement charges and credits.
 - (6) Current fiscal year DWR Variable costs net of DWR account interest income credits and credits or additional charges due from prior periods.
 - (7) The source for DWR costs is DWR's 2018 Statement of Charges dated July 1, 2017.
 - (8) CCWA Bond payments reflect Series 2016A Bond Debt Service Schedule after the refinancing of CCWA's 2006A Revenue Bond.

Central Coast Water Authority
Goleta Water District
 Revised State Water Cost Ten-Year Projections - Based on 2019 DWR May Estimates
 Fiscal Year 2018/19 Final Budget

Water Deliveries-Fiscal Year Basis (AF) ⁽¹⁾	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Table A Water Deliveries-1st Quarter	971	971	971	971	971	971	971	971	971	971
Table A Water Deliveries-2nd Quarter	981	981	981	981	981	981	981	981	981	981
Table A Water Deliveries-3rd Quarter	1,223	1,223	1,223	1,223	1,223	1,223	1,223	1,223	1,223	1,223
Table A Water Deliveries-4th Quarter	1,027	1,027	1,027	1,027	1,027	1,027	1,027	1,027	1,027	1,027
Total FY Table A Deliveries (acre-feet)	4,202	4,202	4,202	4,202	4,202	4,202	4,202	4,202	4,202	4,202

Small 1 and 2 acre-feet amounts are due to rounding differences.

Exchange Deliveries-1st Quarter	200	200	200	200	200	200	200	200	200	200
Exchange Deliveries-2nd Quarter	27	27	27	27	27	27	27	27	27	27
Exchange Deliveries-3rd Quarter	27	27	27	27	27	27	27	27	27	27
Exchange Deliveries-4th Quarter	146	146	146	146	146	146	146	146	146	146
Total FY Exchange Deliveries (acre-feet)	400	400	400	400	400	400	400	400	400	400

CCWA Variable Cost per AF Assumptions	\$ 107	\$ 112	\$ 118	\$ 124	\$ 130	\$ 137	\$ 143	\$ 151	\$ 158	\$ 166
DWR Variable Cost per AF Assumptions	\$ 183	\$ 192	\$ 202	\$ 212	\$ 222	\$ 234	\$ 245	\$ 258	\$ 270	\$ 284

CCWA Costs										
CCWA Fixed O&M Costs ⁽²⁾	\$ 689,155	\$ 709,830	\$ 731,125	\$ 753,058	\$ 998,504	\$ 1,028,459	\$ 1,059,313	\$ 1,091,093	\$ 1,123,825	\$ 1,157,540
CCWA Variable O&M Costs ⁽⁵⁾	449,619	472,126	495,723	520,509	546,535	573,862	602,555	632,683	664,317	697,533
CCWA Bond Payments & O&M Credits ⁽⁹⁾	2,526,212	2,528,157	2,524,645	2,521,531	-	-	-	-	-	-
Warren Act and Trust Fund Charges ⁽⁸⁾	243,726	243,739	243,735	243,735	243,735	243,735	243,735	243,735	243,735	243,735
Subtotal: CCWA Costs	3,908,712	3,953,852	3,995,228	4,038,833	1,788,774	1,846,056	1,905,603	1,967,510	2,031,877	2,098,807

DWR Costs ⁽⁷⁾										
Transportation Capital	2,317,103	2,282,457	2,291,936	2,318,095	2,317,617	2,317,318	2,316,984	2,316,620	2,316,255	2,315,481
Coastal Branch Extension	339,020	324,413	464,576	478,802	567,911	411,748	418,976	337,737	346,456	351,265
Water System Revenue Bond Surcharge	238,264	260,002	239,082	253,573	236,526	246,254	234,583	217,952	206,959	237,839
Transportation Minimum OMP&R	2,133,769	2,254,832	1,567,193	1,645,553	1,727,830	1,814,222	1,904,933	2,000,180	2,100,189	2,205,198
Delta Water Charge	532,478	559,787	588,914	619,498	651,610	685,329	720,733	757,908	796,941	837,926
DWR Variable Costs ^{(5) (6)}	715,145	884,413	928,634	975,065	1,023,819	1,075,010	1,128,760	1,185,198	1,244,458	1,306,681
Subtotal: DWR Costs	\$ 6,275,779	\$ 6,565,903	\$ 6,080,335	\$ 6,290,586	\$ 6,525,314	\$ 6,549,879	\$ 6,724,969	\$ 6,815,595	\$ 7,011,259	\$ 7,254,391
DWR Future Capital Projects (BDCP) ⁽⁵⁾										

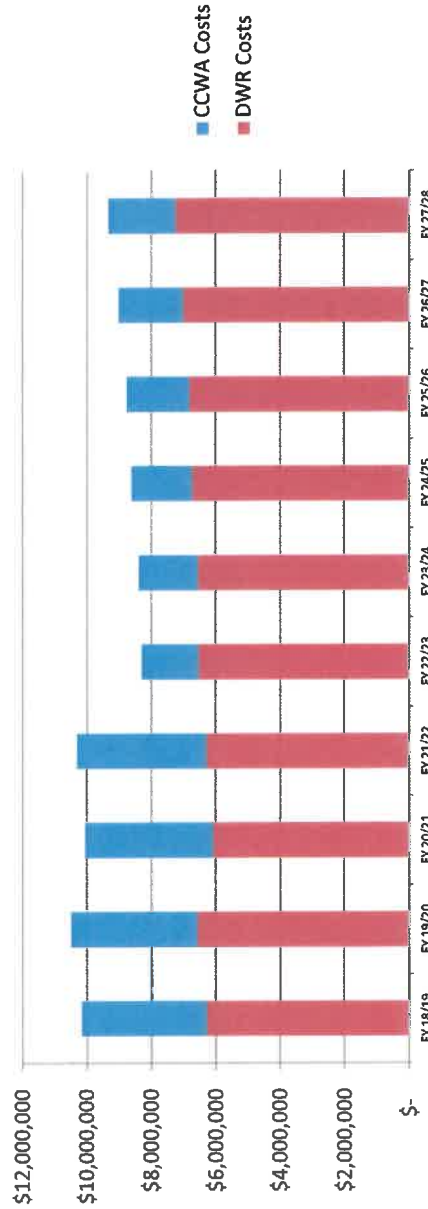
Total Projected State Water Costs	\$ 10,184,491	\$ 10,519,755	\$ 10,075,563	\$ 10,329,419	\$ 8,314,088	\$ 8,395,935	\$ 8,630,572	\$ 8,783,105	\$ 9,043,135	\$ 9,353,198
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Central Coast Water Authority
Goleta Water District
 Revised State Water Cost Ten-Year Projections - Based on 2019 DWR May Estimates
 Fiscal Year 2018/19 Final Budget

<i>Projected Payments by Due Date</i>		FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
June 1st Fixed Payment ⁽³⁾	\$ 8,776,001	\$ 8,919,477	\$ 8,407,471	\$ 8,590,109	\$ 6,499,999	\$ 6,503,329	\$ 6,655,522	\$ 6,721,490	\$ 6,890,626	\$ 7,105,250	
April 1st Variable Payment ⁽⁴⁾	358,415	407,198	424,454	442,575	461,603	481,582	502,560	524,588	547,716	572,001	
July 1st Variable Payment	308,524	350,517	365,371	380,970	397,349	414,547	432,605	451,566	471,475	492,380	
October 1st Variable Payment	382,524	434,669	453,089	472,433	492,745	514,072	536,465	559,978	584,667	610,590	
January 1st Variable Payment	359,027	407,894	425,179	443,331	462,392	482,405	503,419	525,483	548,651	572,978	

- NOTES
- (1) Actual water delivery requests for the first four years and delivery estimates thereafter.
 - (2) CCWA fixed costs are based on a 3% inflation factor. There is an increase in Fixed Costs reflected in fiscal years 2022/23 thru 2027/28 are to the payoff of CCWA Revenue Bond Debt, thereby increasing the Retirement Fixed and Capital Charges to South Coast Participants.
 - (3) June 1st fixed cost payment is paid in June BEFORE the beginning of the fiscal year shown (i.e., the FY 2018/19 fixed payment is paid on June 1, 2018).
 - (4) April 1st quarterly variable payment is paid in April BEFORE the beginning of the fiscal year shown.
 - (5) DWR and CCWA variable O&M costs are based on a 5% inflation factor. CCWA variable costs include WTP Variable Retirement charges and credits.
 - (6) Current fiscal year DWR Variable costs net of DWR account interest income credits and credits or additional charges due from prior periods.
 - (7) The source for DWR costs is DWR's 2018 Statement of Charges dated July 1, 2017.
 - (8) Warren Act Charges are \$58/AF and are based on water wheeled through Cachuma Project facilities. There are two components to these charges: Warren Act Charges at \$15/AF and Trust Fund payments at \$43/AF.
 - (9) CCWA Bond payments reflect Series 2016A Bond Debt Service Schedule after the refinancing of CCWA's 2006A Revenue Bond.

**Projected Future State Water Costs
 Goleta Water District**



Central Coast Water Authority
Morehart Land Company
 Revised State Water Cost Ten-Year Projections - Based on 2019 DWR May Estimates
 Fiscal Year 2018/19 Final Budget

Water Deliveries-Fiscal Year Basis (AF) ⁽¹⁾	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Table A Water Deliveries-1st Quarter	20	20	20	20	20	20	20	20	20	20
Table A Water Deliveries-2nd Quarter	12	12	12	12	12	12	12	12	12	12
Table A Water Deliveries-3rd Quarter	6	6	6	6	6	6	6	6	6	6
Table A Water Deliveries-4th Quarter	11	11	11	11	11	11	11	11	11	11
Total FY Table A Deliveries (acre-feet)	49	49	49	49	49	49	49	49	49	49

CCWA Variable Cost per AF Assumptions	\$ 107	\$ 112	\$ 118	\$ 124	\$ 130	\$ 137	\$ 143	\$ 151	\$ 158	\$ 166
DWR Variable Cost per AF Assumptions	\$ 183	\$ 192	\$ 202	\$ 212	\$ 222	\$ 234	\$ 245	\$ 258	\$ 270	\$ 284

CCWA Costs										
CCWA Fixed O&M Costs ⁽²⁾	\$ 31,504	\$ 32,450	\$ 33,423	\$ 34,426	\$ 44,960	\$ 46,308	\$ 47,698	\$ 49,129	\$ 50,603	\$ 52,121
CCWA Variable O&M Costs ⁽⁵⁾	5,243	5,505	5,780	6,069	6,373	6,691	7,026	7,377	7,746	8,133
CCWA Bond Payments & O&M Credits ⁽⁹⁾	112,562	116,095	115,934	115,791	-	-	-	-	-	-
Warren Act and Trust Fund Charges ⁽⁶⁾	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842	2,842
Subtotal: CCWA Costs	152,151	156,892	157,979	159,128	54,174	55,842	57,566	59,348	61,191	63,096

DWR Costs ⁽⁷⁾										
Transportation Capital	101,627	100,107	100,523	101,670	101,649	101,636	101,621	101,605	101,589	101,555
Coastal Branch Extension	15,068	14,417	20,646	21,279	25,239	18,299	18,620	15,010	15,397	15,611
Water System Revenue Bond Surcharge	9,267	10,113	9,299	9,863	9,200	9,578	9,124	8,477	8,050	9,251
Transportation Minimum OMP&R	83,699	89,713	62,354	65,471	68,745	72,182	75,791	79,581	83,560	87,738
Delta Water Charge	15,714	16,531	17,391	18,294	19,242	20,238	21,283	22,381	23,534	24,744
DWR Variable Costs ^{(5),(6)}	(1,120)	9,417	9,888	10,382	10,901	11,446	12,019	12,619	13,250	13,913
Subtotal: DWR Costs	\$ 224,254	\$ 240,297	\$ 220,100	\$ 226,959	\$ 234,976	\$ 233,379	\$ 238,459	\$ 239,674	\$ 245,380	\$ 252,812
DWR Future Capital Projects (BDCP) ⁽⁵⁾										

Total Projected State Water Costs	\$ 376,406	\$ 397,189	\$ 378,080	\$ 386,087	\$ 289,150	\$ 289,221	\$ 296,024	\$ 299,022	\$ 306,571	\$ 315,908
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Central Coast Water Authority
La Cumbre Mutual Water Company
 Revised State Water Cost Ten-Year Projections - Based on 2019 DWR May Estimates
 Fiscal Year 2018/19 Final Budget

Water Deliveries-Fiscal Year Basis (AF) ⁽¹⁾	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Table A Water Deliveries-1st Quarter	260	260	260	260	260	260	260	260	260	260
Table A Water Deliveries-2nd Quarter	174	174	174	174	174	174	174	174	174	174
Table A Water Deliveries-3rd Quarter	216	216	216	216	216	216	216	216	216	216
Table A Water Deliveries-4th Quarter	216	216	216	216	216	216	216	216	216	216
Total FY Table A Deliveries (acre-feet)	866	866	866	866	866	866	866	866	866	866

CCWA Variable Cost per AF Assumptions	\$ 107	\$ 112	\$ 118	\$ 124	\$ 130	\$ 137	\$ 143	\$ 151	\$ 158	\$ 166
DWR Variable Cost per AF Assumptions	\$ 183	\$ 192	\$ 202	\$ 212	\$ 222	\$ 234	\$ 245	\$ 258	\$ 270	\$ 284

CCWA Costs										
CCWA Fixed O&M Costs ⁽²⁾	\$ 157,522	\$ 162,248	\$ 167,115	\$ 172,128	\$ 224,799	\$ 231,542	\$ 238,489	\$ 245,643	\$ 253,013	\$ 260,603
CCWA Variable O&M Costs ⁽⁵⁾	92,659	97,292	102,157	107,265	112,628	118,259	124,172	130,381	136,900	143,745
CCWA Bond Payments & O&M Credits ⁽⁹⁾	551,466	555,816	555,044	554,359	-	-	-	-	-	-
Warren Act and Trust Fund Charges ⁽⁸⁾	50,228	50,228	50,228	50,228	50,228	50,228	50,228	50,228	50,228	50,228
Subtotal: CCWA Costs	851,875	865,584	874,544	883,981	387,654	400,030	412,889	426,252	440,141	454,576

DWR Costs ⁽⁷⁾										
Transportation Capital	508,133	500,535	502,614	508,350	508,245	508,180	508,107	508,027	507,947	507,777
Coastal Branch Extension	75,338	72,087	103,232	106,393	126,194	91,493	93,099	75,048	76,985	78,054
Water System Revenue Bond Surcharge	45,737	49,910	45,894	48,676	45,404	47,271	45,031	41,838	39,728	45,656
Transportation Minimum OMP&R	421,842	448,564	311,769	327,357	343,725	360,911	378,957	397,905	417,800	438,690
Delta Water Charge	78,569	82,653	86,954	91,469	96,211	101,190	106,417	111,906	117,669	123,721
DWR Variable Costs ^{(5) (6)}	151,190	166,428	174,749	183,487	192,661	202,294	212,409	223,029	234,181	245,890
Subtotal: DWR Costs	\$ 1,280,808	\$ 1,320,177	\$ 1,225,212	\$ 1,265,733	\$ 1,312,440	\$ 1,311,339	\$ 1,344,020	\$ 1,357,753	\$ 1,394,310	\$ 1,439,787
DWR Future Capital Projects (BDCP) ⁽⁵⁾										

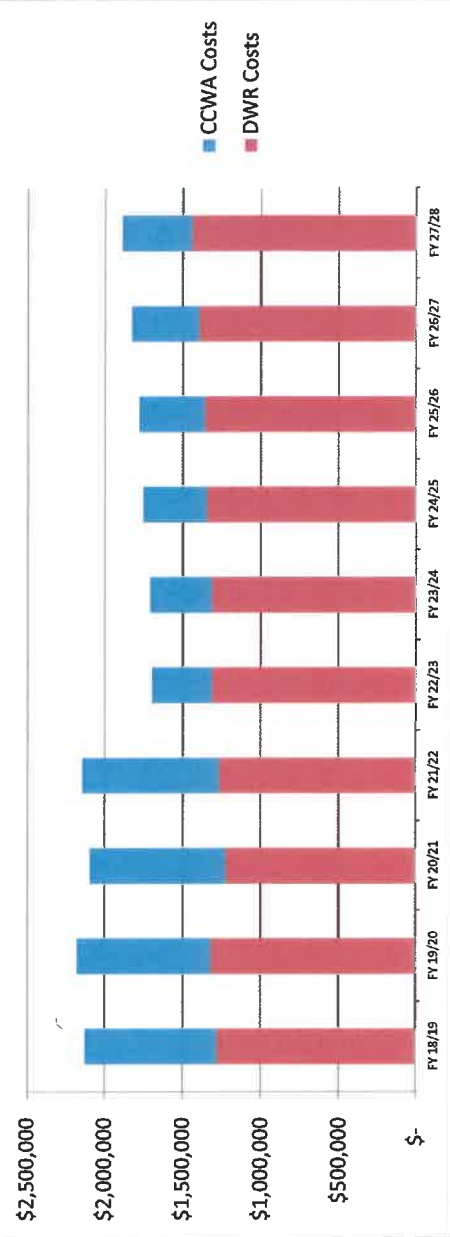
Total Projected State Water Costs	\$ 2,132,684	\$ 2,185,761	\$ 2,099,756	\$ 2,149,714	\$ 1,700,095	\$ 1,711,369	\$ 1,756,909	\$ 1,784,005	\$ 1,834,451	\$ 1,894,363
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Central Coast Water Authority
La Cumbre Mutual Water Company
 Revised State Water Cost Ten-Year Projections - Based on 2019 DWR May Estimates
 Fiscal Year 2018/19 Final Budget

<i>Projected Payments by Due Date</i>																					
June 1st Fixed Payment ⁽³⁾	\$ 1,838,606	\$ 1,871,813	\$ 1,772,622	\$ 1,808,734	\$ 1,344,577	\$ 1,340,587	\$ 1,370,099	\$ 1,380,367	\$ 1,413,142	\$ 1,454,500											
April 1st Variable Payment ⁽⁴⁾	88,291	94,257	98,216	102,373	106,737	111,320	116,132	121,185	126,490	132,060											
July 1st Variable Payment	59,087	63,080	65,729	68,511	71,432	74,499	77,719	81,101	84,651	88,379											
October 1st Variable Payment	73,350	78,306	81,595	85,048	88,674	92,481	96,479	100,677	105,084	109,712											
January 1st Variable Payment	73,350	78,306	81,595	85,048	88,674	92,481	96,479	100,677	105,084	109,712											

- NOTES**
- (1) Actual water delivery requests for the first four years and delivery estimates thereafter.
 - (2) CCWA fixed costs are based on a 3% inflation factor. There is an increase in Fixed Costs reflected in fiscal years 2022/23 thru 2027/28 due to the payoff of CCWA Revenue Bond Debt, thereby increasing the Retirement Fixed and Capital Charges to South Coast Participants.
 - (3) June 1st fixed cost payment is paid in June BEFORE the beginning of the fiscal year shown (i.e. the FY 2018/19 fixed payment is paid on June 1, 2018).
 - (4) April 1st quarterly variable payment is paid in April BEFORE the beginning of the fiscal year shown.
 - (5) DWR and CCWA variable O&M costs are based on a 5% inflation factor. CCWA variable costs include WTP Variable Retirement charges and credits.
 - (6) Current fiscal year DWR Variable costs net of DWR account interest income credits and credits or additional charges due from prior periods.
 - (7) The source for DWR costs is DWR's 2018 Statement of Charges dated July 1, 2017.
 - (8) Warren Act Charges are \$58/AF and are based on water wheeled through Cachuma Project facilities. There are two components to these charges: Warren Act Charges at \$15/AF and Trust Fund payments at \$43/AF.
 - (9) CCWA Bond payments reflect Series 2016A Bond Debt Service Schedule after the refinancing of CCWA's 2006A Revenue Bond.

**Projected Future State Water Costs
 La Cumbre Mutual Water Company**



Central Coast Water Authority
Raytheon Systems Company
 Revised State Water Cost Ten-Year Projections - Based on 2019 DWR May Estimates
 Fiscal Year 2018/19 Final Budget

Water Deliveries-Fiscal Year Basis (AF) ⁽¹⁾	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Table A Water Deliveries-1st Quarter	8	8	8	8	8	8	8	8	8	8
Table A Water Deliveries-2nd Quarter	8	8	8	8	8	8	8	8	8	8
Table A Water Deliveries-3rd Quarter	4	4	4	4	4	4	4	4	4	4
Table A Water Deliveries-4th Quarter	12	12	12	12	12	12	12	12	12	12
Total FY Table A Deliveries (acre-feet)	32	32	32	32	32	32	32	32	32	32

Exchange Deliveries-1st Quarter	-	-	-	-	-	-	-	-	-	-
Exchange Deliveries-2nd Quarter	-	-	-	-	-	-	-	-	-	-
Exchange Deliveries-3rd Quarter	-	-	-	-	-	-	-	-	-	-
Exchange Deliveries-4th Quarter	-	-	-	-	-	-	-	-	-	-
Total FY Exchange Deliveries (acre-feet)	-	-	-	-	-	-	-	-	-	-
CCWA Variable Cost per AF Assumptions	\$ 107	\$ 112	\$ 118	\$ 124	\$ 130	\$ 137	\$ 143	\$ 151	\$ 158	\$ 166
DWR Variable Cost per AF Assumptions	\$ 183	\$ 192	\$ 202	\$ 212	\$ 222	\$ 234	\$ 245	\$ 258	\$ 270	\$ 284

CCWA Costs										
CCWA Fixed O&M Costs ⁽²⁾	\$ 7,876	\$ 8,112	\$ 8,356	\$ 8,606	\$ 11,240	\$ 11,577	\$ 11,924	\$ 12,282	\$ 12,651	\$ 13,030
CCWA Variable O&M Costs ⁽⁵⁾	3,424	3,595	3,775	3,964	4,162	4,370	4,588	4,818	5,059	5,312
CCWA Bond Payments & O&M Credits ⁽⁹⁾	23,421	24,302	24,269	24,239	-	-	-	-	-	-
Warren Act and Trust Fund Charges ⁽⁸⁾	1,856	1,856	1,856	1,856	1,856	1,856	1,856	1,856	1,856	1,856
Subtotal: CCWA Costs	36,577	37,866	38,255	38,665	17,258	17,803	18,369	18,956	19,565	20,198

DWR Costs ⁽⁷⁾										
Transportation Capital	25,407	25,027	25,131	25,417	25,412	25,409	25,405	25,401	25,397	25,389
Coastal Branch Extension	3,767	3,615	5,177	5,336	6,329	4,589	4,669	3,764	3,861	3,915
Water System Revenue Bond Surcharge	2,283	2,491	2,291	2,429	2,266	2,359	2,247	2,088	1,983	2,279
Transportation Minimum OMP&R	21,262	22,428	15,588	16,368	17,186	18,046	18,948	19,895	20,890	21,934
Delta Water Charge	3,928	4,133	4,348	4,573	4,811	5,059	5,321	5,595	5,883	6,186
DWR Variable Costs ⁽⁵⁾⁽⁶⁾	4,650	6,150	6,457	6,780	7,119	7,475	7,849	8,241	8,653	9,086
Subtotal: DWR Costs	\$ 61,296	\$ 63,844	\$ 58,992	\$ 60,904	\$ 63,123	\$ 62,937	\$ 64,439	\$ 64,985	\$ 66,668	\$ 68,789
DWR Future Capital Projects (BDCP) ⁽⁵⁾										

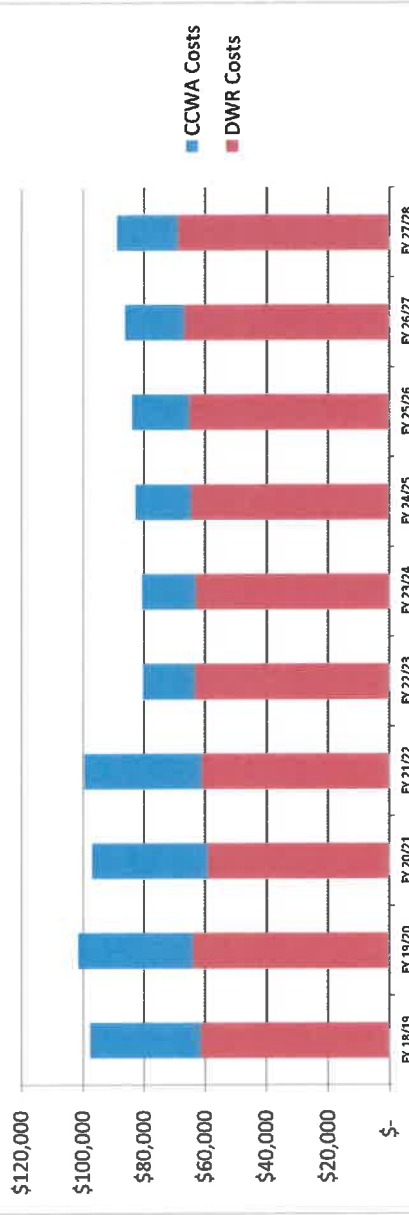
Total Projected State Water Costs	\$ 97,873	\$ 101,710	\$ 97,247	\$ 99,569	\$ 80,381	\$ 80,740	\$ 82,808	\$ 83,941	\$ 86,233	\$ 88,986
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Projected Payments by Due Date

Central Coast Water Authority
Raytheon Systems Company
 Revised State Water Cost Ten-Year Projections - Based on 2019 DWR May Estimates
 Fiscal Year 2018/19 Final Budget

June 1st Fixed Payment ⁽³⁾	\$ 87,944	\$ 90,109	\$ 85,159	\$ 86,969	\$ 67,244	\$ 67,039	\$ 68,515	\$ 69,026	\$ 70,665	\$ 72,733
April 1st Variable Payment ⁽⁴⁾	2,482	2,900	3,022	3,150	3,284	3,425	3,573	3,729	3,892	4,063
July 1st Variable Payment	2,482	2,900	3,022	3,150	3,284	3,425	3,573	3,729	3,892	4,063
October 1st Variable Payment	1,241	1,450	1,511	1,575	1,642	1,713	1,787	1,864	1,946	2,032
January 1st Variable Payment	3,724	4,350	4,533	4,725	4,926	5,138	5,360	5,593	5,838	6,095

Projected Future State Water Costs Raytheon Systems Company



- NOTES**
- (1) Actual water delivery requests for the first four years and delivery estimates thereafter.
 - (2) CCWA fixed costs are based on a 3% inflation factor. There is an increase in Fixed Costs reflected in fiscal years 2022/23 thru 2027/28 due to the payoff of CCWA Revenue Bond Debt, thereby increasing the Retreatment Fixed and Capital Charges to South Coast Participants.
 - (3) June 1st fixed cost payment is paid in June BEFORE the beginning of the fiscal year shown (i.e, the FY 2018/19 fixed payment is paid on June 1, 2018).
 - (4) April 1st quarterly variable payment is paid in April BEFORE the beginning of the fiscal year shown.
 - (5) DWR and CCWA variable O&M costs are based on a 5% inflation factor. CCWA variable costs include WTP Variable Retreatment charges and credits.
 - (6) Current fiscal year DWR Variable costs net of DWR account interest income credits and credits or additional charges due from prior periods.
 - (7) The source for DWR costs is DWR's 2018 Statement of Charges dated July 1, 2017.
 - (8) Warren Act Charges are \$58/AF and are based on water wheeled through Cachuma Project facilities. There are two components to these charges: Warren Act Charges at \$15/AF and Trust Fund payments at \$43/AF.
 - (9) CCWA Bond payments reflect Series 2016A Bond Debt Service Schedule after the refinancing of CCWA's 2006A Revenue Bond.

Central Coast Water Authority
City of Santa Barbara
 Revised State Water Cost Ten-Year Projections - Based on 2019 DWR May Estimates
 Fiscal Year 2018/19 Final Budget

Water Deliveries-Fiscal Year Basis (AF) ⁽¹⁾	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Table A Water Deliveries-1st Quarter	648	648	648	648	648	648	648	648	648	648
Table A Water Deliveries-2nd Quarter	711	711	711	711	711	711	711	711	711	711
Table A Water Deliveries-3rd Quarter	815	815	815	815	815	815	815	815	815	815
Table A Water Deliveries-4th Quarter	685	685	685	685	685	685	685	685	685	685
Total FY Table A Deliveries (acre-feet)	2,859	2,859	2,859	2,859	2,859	2,859	2,859	2,859	2,859	2,859

Small 1 and 2 acre-feet amounts are due to rounding differences.

Exchange Deliveries-1st Quarter	133	133	133	133	133	133	133	133	133	133
Exchange Deliveries-2nd Quarter	18	18	18	18	18	18	18	18	18	18
Exchange Deliveries-3rd Quarter	18	18	18	18	18	18	18	18	18	18
Exchange Deliveries-4th Quarter	97	97	97	97	97	97	97	97	97	97
Total FY Exchange Deliveries (acre-feet)	266	266	266	266	266	266	266	266	266	266

CCWA Variable Cost per AF Assumptions	\$ 107	\$ 112	\$ 118	\$ 124	\$ 130	\$ 137	\$ 143	\$ 151	\$ 158	\$ 166
DWR Variable Cost per AF Assumptions	\$ 183	\$ 192	\$ 202	\$ 212	\$ 222	\$ 234	\$ 245	\$ 258	\$ 270	\$ 284

CCWA Costs										
CCWA Fixed O&M Costs ⁽²⁾	\$ 459,437	\$ 473,220	\$ 487,416	\$ 502,039	\$ 665,670	\$ 685,640	\$ 706,209	\$ 727,395	\$ 749,217	\$ 771,693
CCWA Variable O&M Costs ⁽⁵⁾	305,881	321,154	337,206	354,066	371,770	390,358	409,876	430,370	451,889	474,483
CCWA Bond Payments & O&M Credits ⁽⁹⁾	1,552,887	1,554,137	1,551,978	1,550,064	-	-	-	-	-	-
Warren Act and Trust Fund Charges ⁽⁸⁾	165,809	165,799	165,796	165,796	165,796	165,796	165,796	165,796	165,796	165,796
Subtotal: CCWA Costs	\$ 2,484,013	\$ 2,514,310	\$ 2,542,397	\$ 2,571,965	\$ 1,203,235	\$ 1,241,794	\$ 1,281,881	\$ 1,323,561	\$ 1,366,901	\$ 1,411,972

DWR Costs ⁽⁷⁾										
Transportation Capital	1,524,398	1,501,605	1,507,842	1,525,051	1,524,736	1,524,539	1,524,320	1,524,081	1,523,841	1,523,332
Coastal Branch Extension	226,013	216,304	309,759	319,245	378,659	274,536	279,355	225,189	231,002	234,209
Water System Revenue Bond Surcharge	137,278	149,803	137,749	146,099	136,277	141,881	135,157	125,575	119,241	137,033
Transportation Minimum OMP&R	1,267,873	1,345,691	935,306	982,071	1,031,175	1,082,734	1,136,870	1,193,714	1,253,400	1,316,070
Delta Water Charge	237,188	247,959	260,861	274,408	288,633	303,569	319,251	335,718	353,008	371,162
DWR Variable Costs ^{(5) (6)}	553,828	600,563	630,591	662,121	695,227	729,988	766,487	804,812	845,052	887,305
Subtotal: DWR Costs	3,946,578	4,061,926	3,782,109	3,908,994	4,054,706	4,057,247	4,161,441	4,209,088	4,325,544	4,469,110
DWR Future Capital Projects (BDGP) ⁽⁵⁾										

Total Projected State Water Costs	\$ 6,430,591	\$ 6,576,236	\$ 6,324,505	\$ 6,480,959	\$ 5,257,942	\$ 5,299,041	\$ 5,443,322	\$ 5,532,649	\$ 5,692,445	\$ 5,881,082
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Central Coast Water Authority
Montecito Water District
 Revised State Water Cost Ten-Year Projections - Based on 2019 DWR May Estimates
 Fiscal Year 2018/19 Final Budget

Water Deliveries-Fiscal Year Basis (AF) ⁽¹⁾	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Table A Water Deliveries-1st Quarter	648	648	648	648	648	648	648	648	648	648
Table A Water Deliveries-2nd Quarter	711	711	711	711	711	711	711	711	711	711
Table A Water Deliveries-3rd Quarter	784	784	784	784	784	784	784	784	784	784
Table A Water Deliveries-4th Quarter	685	685	685	685	685	685	685	685	685	685
Total FY Table A Deliveries (acre-feet)	2,828	2,828	2,828	2,828	2,828	2,828	2,828	2,828	2,828	2,828

Small 1 and 2 acre-feet amounts are due to rounding differences.

Exchange Deliveries-1st Quarter	133	133	133	133	133	133	133	133	133	133
Exchange Deliveries-2nd Quarter	18	18	18	18	18	18	18	18	18	18
Exchange Deliveries-3rd Quarter	18	18	18	18	18	18	18	18	18	18
Exchange Deliveries-4th Quarter	97	97	97	97	97	97	97	97	97	97
Total FY Exchange Deliveries (acre-feet)	266	266	266	266	266	266	266	266	266	266

CCWA Variable Cost per AF Assumptions	\$ 107	\$ 112	\$ 118	\$ 124	\$ 130	\$ 137	\$ 143	\$ 151	\$ 158	\$ 166
DWR Variable Cost per AF Assumptions	\$ 183	\$ 192	\$ 202	\$ 212	\$ 222	\$ 234	\$ 245	\$ 258	\$ 270	\$ 284

CCWA Costs										
CCWA Fixed O&M Costs ⁽²⁾	\$ 459,437	\$ 473,220	\$ 487,416	\$ 502,039	\$ 665,670	\$ 685,640	\$ 706,209	\$ 727,395	\$ 749,217	\$ 771,693
CCWA Variable O&M Costs ⁽⁵⁾	302,538	317,672	333,549	350,227	367,738	386,125	405,431	425,703	446,988	469,337
CCWA Bond Payments & O&M Credits ⁽⁹⁾	1,811,389	1,826,688	1,824,151	1,821,900	-	-	-	-	-	-
Warren Act and Trust Fund Charges ⁽⁸⁾	163,997	164,001	163,998	163,998	163,998	163,998	163,998	163,998	163,998	163,998
Subtotal: CCWA Costs	2,737,361	2,781,580	2,809,114	2,838,164	1,197,405	1,235,762	1,275,638	1,317,096	1,360,203	1,405,029

DWR Costs ⁽⁷⁾										
Transportation Capital	1,524,398	1,501,605	1,507,842	1,525,051	1,524,736	1,524,539	1,524,320	1,524,081	1,523,841	1,523,332
Coastal Branch Extension	226,013	216,304	309,759	319,245	378,659	274,536	279,355	225,189	231,002	234,209
Water System Revenue Bond Surcharge	137,278	149,803	137,749	146,099	136,277	141,881	135,157	125,575	119,241	137,033
Transportation Minimum OMP&R	1,267,873	1,345,691	935,306	982,071	1,031,175	1,082,734	1,136,870	1,193,714	1,253,400	1,316,070
Delta Water Charge	237,188	247,959	260,861	274,408	288,633	303,569	319,251	335,718	353,008	371,162
DWR Variable Costs ⁽⁵⁾⁽⁶⁾	545,258	594,605	624,336	655,552	688,330	722,747	758,884	796,828	836,670	878,503
Subtotal: DWR Costs	\$ 3,938,009	\$ 4,055,968	\$ 3,775,853	\$ 3,902,426	\$ 4,047,810	\$ 4,050,005	\$ 4,153,838	\$ 4,201,104	\$ 4,317,161	\$ 4,460,308
DWR Future Capital Projects (BDCP) ⁽⁵⁾										

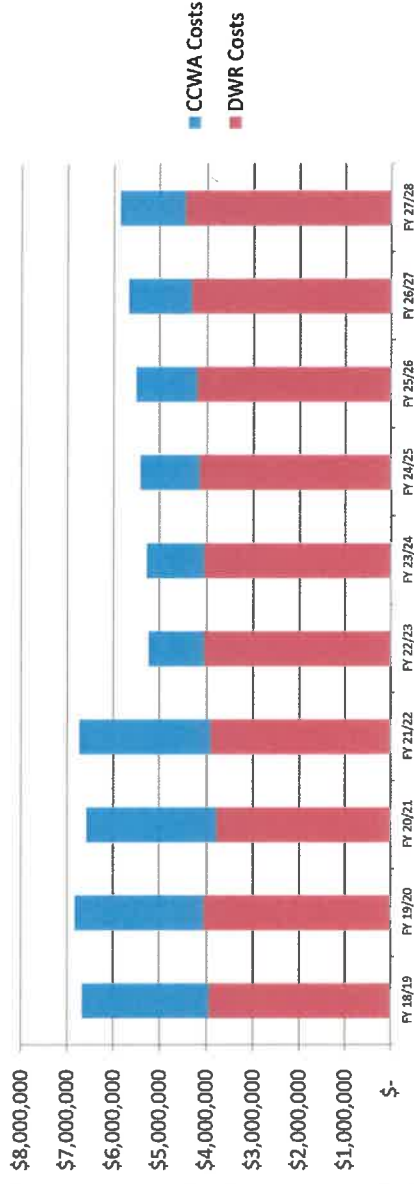
Total Projected State Water Costs	\$ 6,675,370	\$ 6,837,548	\$ 6,584,967	\$ 6,740,590	\$ 5,245,215	\$ 5,285,768	\$ 5,429,476	\$ 5,518,200	\$ 5,677,364	\$ 5,865,337
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Central Coast Water Authority
Montecito Water District
 Revised State Water Cost Ten-Year Projections - Based on 2019 DWR May Estimates
 Fiscal Year 2018/19 Final Budget

<i>Projected Payments by Due Date</i>	
June 1st Fixed Payment ⁽³⁾	\$ 5,663,576 \$ 5,761,270 \$ 5,463,085 \$ 5,570,813 \$ 4,025,149 \$ 4,012,898 \$ 4,101,163 \$ 4,131,671 \$ 4,229,708 \$ 4,353,498
April 1st Variable Payment ⁽⁴⁾	255,406 271,678 283,190 295,280 307,974 321,303 335,298 349,993 365,423 381,624
July 1st Variable Payment	238,401 253,590 264,335 275,620 287,469 299,910 312,974 326,690 341,093 356,215
October 1st Variable Payment	262,255 278,983 290,805 303,220 316,255 329,942 344,314 359,404 375,249 391,886
January 1st Variable Payment	255,733 272,026 283,553 295,658 308,368 321,714 335,727 350,441 365,891 382,113

- NOTES**
- (1) Actual water delivery requests for the first four years and delivery estimates thereafter.
 - (2) CCWA fixed costs are based on a 3% inflation factor. There is an increase in Fixed Costs reflected in fiscal years 2022/23 thru 2027/28 due to the payoff of CCWA Revenue Bond Debt, thereby increasing the Retirement Fixed and Capital Charges to South Coast Participants.
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 - (4) April 1st quarterly variable payment is paid in April BEFORE the beginning of the fiscal year shown.
 - (5) DWR and CCWA variable O&M costs are based on a 5% inflation factor. CCWA variable costs include WTP Variable Retirement charges and credits.
 - (6) Current fiscal year DWR Variable costs net of DWR account interest income credits and credits or additional charges due from prior periods.
 - (7) The source for DWR costs is DWR's 2018 Statement of Charges dated July 1, 2017.
 - (8) Warren Act Charges are \$58/AF and are based on water wheeled through Cachuma Project facilities. There are two components to these charges: Warren Act Charges at \$15/AF and Trust Fund payments at \$43/AF.
 - (9) CCWA Bond payments reflect Series 2016A Bond Debt Service Schedule after the refinancing of CCWA's 2006A Revenue Bond.

Projected Future State Water Costs Montecito Water District



Central Coast Water Authority
Carpinteria Valley Water District
 Revised State Water Cost Ten-Year Projections - Based on 2019 DWR May Estimates
 Fiscal Year 2018/19 Final Budget

Water Deliveries-Fiscal Year Basis (AF) ⁽¹⁾	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Table A Water Deliveries-1st Quarter	401	401	401	401	401	401	401	401	401	401
Table A Water Deliveries-2nd Quarter	398	398	398	398	398	398	398	398	398	398
Table A Water Deliveries-3rd Quarter	543	543	543	543	543	543	543	543	543	543
Table A Water Deliveries-4th Quarter	457	457	457	457	457	457	457	457	457	457
Total FY Table A Deliveries (acre-feet)	1,799	1,799	1,799	1,799	1,799	1,799	1,799	1,799	1,799	1,799

Small 1 and 2 acre-feet amounts are due to rounding differences.

Exchange Deliveries-1st Quarter	89	89	89	89	89	89	89	89	89	89
Exchange Deliveries-2nd Quarter	12	12	12	12	12	12	12	12	12	12
Exchange Deliveries-3rd Quarter	12	12	12	12	12	12	12	12	12	12
Exchange Deliveries-4th Quarter	65	65	65	65	65	65	65	65	65	65
Total FY Exchange Deliveries (acre-feet)	178	178	178	178	178	178	178	178	178	178

CCWA Variable Cost per AF Assumptions	\$ 107	\$ 112	\$ 118	\$ 124	\$ 130	\$ 137	\$ 143	\$ 151	\$ 158	\$ 166
DWR Variable Cost per AF Assumptions	\$ 183	\$ 192	\$ 202	\$ 212	\$ 222	\$ 234	\$ 245	\$ 258	\$ 270	\$ 284

CCWA Costs										
CCWA Fixed O&M Costs ⁽²⁾	\$ 306,291	\$ 315,480	\$ 324,944	\$ 334,693	\$ 443,780	\$ 457,093	\$ 470,806	\$ 484,930	\$ 499,478	\$ 514,462
CCWA Variable O&M Costs ⁽⁵⁾	192,530	202,157	212,261	222,874	234,017	245,718	258,004	270,904	284,450	298,672
CCWA Bond Payments & O&M Credits ⁽⁹⁾	1,038,717	1,044,310	1,042,859	1,041,573	-	-	-	-	-	-
Warren Act and Trust Fund Charges ⁽⁸⁾	104,365	104,365	104,363	104,363	104,363	104,363	104,363	104,363	104,363	104,363
Subtotal: CCWA Costs	1,641,903	1,666,312	1,684,428	1,703,502	782,160	807,174	833,173	860,198	888,291	917,498

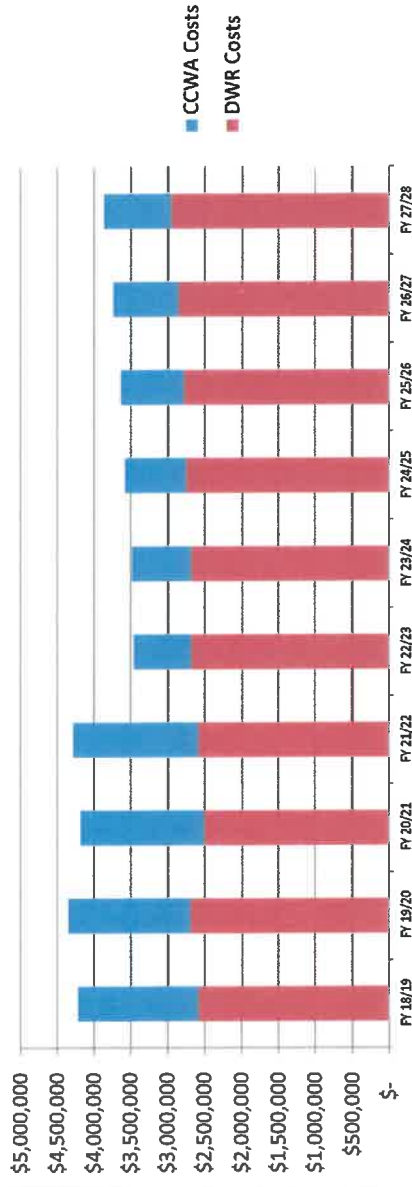
DWR Costs ⁽⁷⁾										
Transportation Capital	1,016,265	1,001,070	1,005,228	1,016,701	1,016,491	1,016,360	1,016,214	1,016,054	1,015,894	1,015,554
Coastal Branch Extension	150,676	144,174	206,464	212,786	252,388	182,987	186,199	150,095	153,970	156,107
Water System Revenue Bond Surcharge	90,752	99,031	91,063	96,583	90,090	93,795	89,350	83,015	78,828	90,590
Transportation Minimum OMP&R	844,857	897,127	623,537	654,714	687,450	721,822	757,914	795,809	835,600	877,380
Delta Water Charge	157,138	165,306	173,908	182,939	192,422	202,379	212,834	223,812	235,338	247,441
DWR Variable Costs ⁽⁵⁾⁽⁶⁾	318,896	379,940	398,937	418,884	439,828	461,820	484,911	509,156	534,614	561,345
Subtotal: DWR Costs	\$ 2,578,584	\$ 2,686,649	\$ 2,499,137	\$ 2,582,607	\$ 2,678,669	\$ 2,679,162	\$ 2,747,420	\$ 2,777,941	\$ 2,854,244	\$ 2,948,417
DWR Future Capital Projects (BDCP) ⁽⁵⁾										

Total Projected State Water Costs	\$ 4,220,487	\$ 4,352,961	\$ 4,183,565	\$ 4,286,109	\$ 3,460,829	\$ 3,486,337	\$ 3,580,593	\$ 3,638,139	\$ 3,742,535	\$ 3,865,915
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Central Coast Water Authority
Carpinteria Valley Water District
 Revised State Water Cost Ten-Year Projections - Based on 2019 DWR May Estimates
 Fiscal Year 2018/19 Final Budget

<u>Projected Payments by Due Date</u>	
June 1st Fixed Payment ⁽³⁾	\$ 3,604,696 \$ 3,666,499 \$ 3,468,004 \$ 3,539,988 \$ 2,682,620 \$ 2,674,436 \$ 2,733,315 \$ 2,819,108 \$ 2,901,535
April 1st Variable Payment ⁽⁴⁾	152,624 170,140 177,352 184,926 192,879 201,230 209,998 219,205 228,872
July 1st Variable Payment	127,706 142,362 148,397 154,734 161,389 168,376 175,713 183,416 191,505
October 1st Variable Payment	172,870 192,709 200,878 209,457 218,465 227,924 237,855 248,283 259,232
January 1st Variable Payment	162,591 181,251 188,934 197,003 205,475 214,371 223,712 233,520 243,818
	239,022 199,998 270,729 254,631

Projected Future State Water Costs Carpinteria Valley Water District



- NOTES**
- (1) Actual water delivery requests for the first four years and delivery estimates thereafter.
 - (2) CCWA fixed costs are based on a 3% inflation factor. There is an increase in Fixed Costs reflected in fiscal years 2022/23 thru 2027/28 due to the payoff of CCWA Revenue Bond Debt, thereby increasing the Retirement Fixed and Capital Charges to South Coast Participants.
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 - (5) DWR and CCWA variable O&M costs are based on a 5% inflation factor. CCWA variable costs include WTP Variable Retirement charges and credits.
 - (6) Current fiscal year DWR Variable costs net of DWR account interest income credits and credits or additional charges due from prior periods.
 - (7) The source for DWR costs is DWR's 2018 Statement of Charges dated July 1, 2017.
 - (8) Warren Act Charges are \$58/AF and are based on water wheeled through Cachuma Project facilities. There are two components to these charges: Warren Act Charges at \$15/AF and Trust Fund payments at \$43/AF.
 - (9) CCWA Bond payments reflect Series 2016A Bond Debt Service Schedule after the refinancing of CCWA's 2006A Revenue Bond.

Central Coast Water Authority

Chorro Valley Turnout

Revised State Water Cost Ten-Year Projections - Based on 2019 DWR May Estimates
Fiscal Year 2018/19 Final Budget

Water Deliveries-Fiscal Year Basis (AF) ⁽¹⁾	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Table A Water Deliveries-1st Quarter	557	557	557	557	557	557	557	557	557	557
Table A Water Deliveries-2nd Quarter	555	555	555	555	555	555	555	555	555	555
Table A Water Deliveries-3rd Quarter	555	555	555	555	555	555	555	555	555	555
Table A Water Deliveries-4th Quarter	557	557	557	557	557	557	557	557	557	557
Total FY Table A Deliveries (acre-feet)	2,225	2,225	2,225	2,225	2,225	2,225	2,225	2,225	2,225	2,225

CCWA Variable Cost per AF Assumptions	\$ 59	\$ 62	\$ 65	\$ 68	\$ 71	\$ 75	\$ 79	\$ 83	\$ 87	\$ 91
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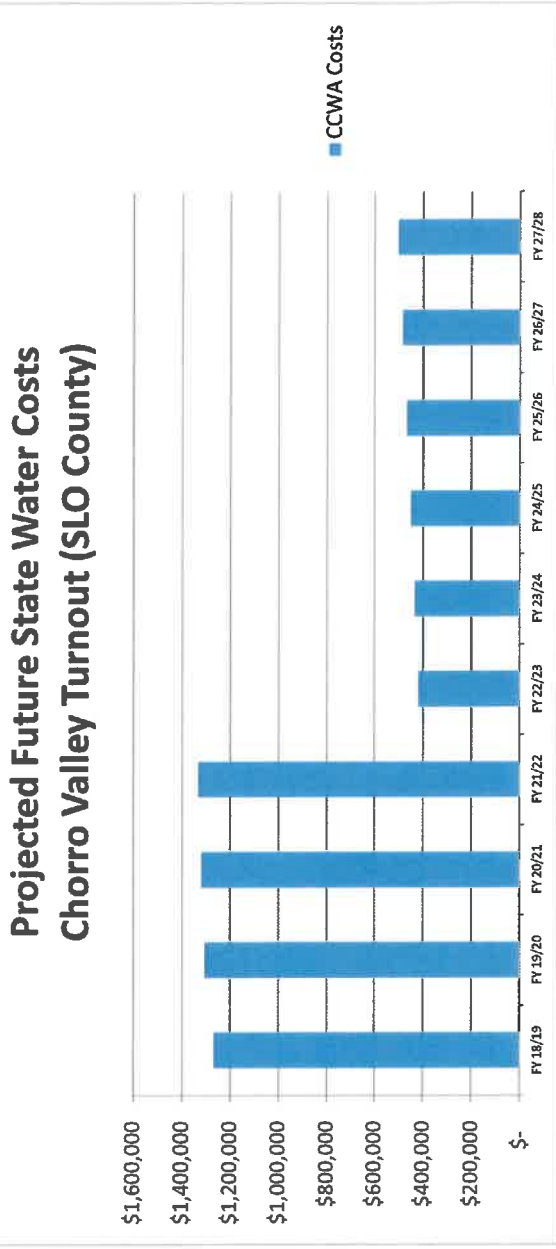
CCWA Costs	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
CCWA Fixed O&M Costs ⁽²⁾	\$ 231,360	\$ 238,301	\$ 245,450	\$ 252,813	\$ 260,398	\$ 268,210	\$ 276,256	\$ 284,544	\$ 293,080	\$ 301,872
CCWA Variable O&M Costs ⁽⁵⁾	130,851	137,393	144,263	151,476	159,050	167,003	175,353	184,120	193,326	202,993
CCWA Bond Payments & O&M Credits ⁽⁶⁾ Warren Act Charges	909,290	934,585	933,287	932,135	-	-	-	-	-	-
Subtotal: CCWA Costs	\$ 1,271,501	\$ 1,310,279	\$ 1,323,000	\$ 1,336,425	\$ 419,448	\$ 435,212	\$ 451,609	\$ 468,664	\$ 486,406	\$ 504,865

Total Projected State Water Costs	\$ 1,271,501	\$ 1,310,279	\$ 1,323,000	\$ 1,336,425	\$ 419,448	\$ 435,212	\$ 451,609	\$ 468,664	\$ 486,406	\$ 504,865
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Central Coast Water Authority
Chorro Valley Turnout
 Revised State Water Cost Ten-Year Projections - Based on 2019 DWR May Estimates
 Fiscal Year 2018/19 Final Budget

<i>Projected Payments by Due Date</i>																				
June 1st Fixed Payment ⁽³⁾	\$	1,140,650	\$	1,172,886	\$	1,178,737	\$	1,184,949	\$	260,398	\$	268,210	\$	276,256	\$	284,544	\$	293,080	\$	301,872
April 1st Variable Payment ⁽⁴⁾		32,776		34,415		36,135		37,942		39,839		41,831		43,923		46,119		48,425		50,846
July 1st Variable Payment		32,652		34,285		35,999		37,799		39,689		41,674		43,757		45,945		48,243		50,655
October 1st Variable Payment		32,652		34,285		35,999		37,799		39,689		41,674		43,757		45,945		48,243		50,655
January 1st Variable Payment		32,770		34,409		36,129		37,935		39,832		41,824		43,915		46,111		48,416		50,837

- NOTES**
- (1) Actual water delivery requests for the first four years and delivery estimates thereafter.
 - (2) CCWA fixed costs are based on a 3% inflation factor.
 - (3) June 1st fixed cost payment is paid in June BEFORE the beginning of the fiscal year shown (i.e, the FY 2018/19 fixed payment is paid on June 1, 2018).
 - (4) April 1st quarterly variable payment is paid in April BEFORE the beginning of the fiscal year shown.
 - (5) DWR and CCWA variable O&M costs are based on a 5% inflation factor.
 - (6) Current fiscal year DWR Variable costs net of DWR account interest income credits and credits or additional charges due from prior periods.
 - (7) The source for DWR costs is DWR's 2018 Statement of Charges dated July 1, 2017.
 - (8) CCWA Bond payments reflect Series 2016A Bond Debt Service Schedule after the refinancing of CCWA's 2006A Revenue Bond.



Central Coast Water Authority
Lopez Turnout
 Revised State Water Cost Ten-Year Projections - Based on 2019 DWR May Estimates
 Fiscal Year 2018/19 Final Budget

Water Deliveries-Fiscal Year Basis (AF) ⁽¹⁾	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Table A Water Deliveries-1st Quarter	461	461	461	461	461	461	461	461	461	461
Table A Water Deliveries-2nd Quarter	361	361	361	361	361	361	361	361	361	361
Table A Water Deliveries-3rd Quarter	73	73	73	73	73	73	73	73	73	73
Table A Water Deliveries-4th Quarter	241	241	241	241	241	241	241	241	241	241
Total FY Table A Deliveries (acre-feet)	1,135	1,135	1,135	1,135	1,135	1,135	1,135	1,135	1,135	1,135

CCWA Variable Cost per AF Assumptions	\$ 59	\$ 62	\$ 65	\$ 68	\$ 71	\$ 75	\$ 79	\$ 83	\$ 87	\$ 91
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CCWA Costs										
CCWA Fixed O&M Costs ⁽²⁾	\$ 245,864	\$ 253,240	\$ 260,838	\$ 268,663	\$ 276,723	\$ 285,024	\$ 293,575	\$ 302,382	\$ 311,454	\$ 320,797
CCWA Variable O&M Costs ⁽⁵⁾	66,775	70,114	73,620	77,301	81,166	85,224	89,485	93,960	98,658	103,591
CCWA Bond Payments & O&M Credits ⁽⁸⁾	217,128	241,664	241,329	241,031	-	-	-	-	-	-
Warren Act Charges										
Subtotal: CCWA Costs	\$ 529,768	\$ 565,019	\$ 575,786	\$ 586,994	\$ 357,889	\$ 370,249	\$ 383,060	\$ 396,342	\$ 410,111	\$ 424,388

Total Projected State Water Costs	\$ 529,768	\$ 565,019	\$ 575,786	\$ 586,994	\$ 357,889	\$ 370,249	\$ 383,060	\$ 396,342	\$ 410,111	\$ 424,388
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Central Coast Water Authority

Shandon

Revised State Water Cost Ten-Year Projections - Based on 2019 DWR May Estimates
Fiscal Year 2018/19 Final Budget

Water Deliveries-Fiscal Year Basis (AF) ⁽¹⁾	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Table A Water Deliveries-1st Quarter	34	34	34	34	34	34	34	34	34	34
Table A Water Deliveries-2nd Quarter	19	19	19	19	19	19	19	19	19	19
Table A Water Deliveries-3rd Quarter	17	17	17	17	17	17	17	17	17	17
Table A Water Deliveries-4th Quarter	30	30	30	30	30	30	30	30	30	30
Total FY Table A Deliveries (acre-feet)	100	100	100	100	100	100	100	100	100	100

CCWA Variable Cost per AF Assumptions	\$ 59	\$ 62	\$ 65	\$ 68	\$ 71	\$ 75	\$ 79	\$ 83	\$ 87	\$ 91
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CCWA Costs										
CCWA Fixed O&M Costs ⁽²⁾	\$ 11,674	\$ 12,025	\$ 12,385	\$ 12,757	\$ 13,140	\$ 13,534	\$ 13,940	\$ 14,358	\$ 14,789	\$ 15,232
CCWA Variable O&M Costs ⁽⁵⁾	5,882	6,176	6,485	6,809	7,150	7,507	7,883	8,277	8,691	9,125
CCWA Bond Payments & O&M Credits ⁽⁸⁾ Warren Act Charges	11,375	11,732	11,715	11,701	-	-	-	-	-	-
Subtotal: CCWA Costs	\$ 28,932	\$ 29,933	\$ 30,586	\$ 31,267	\$ 20,290	\$ 21,041	\$ 21,823	\$ 22,635	\$ 23,480	\$ 24,358

Total Projected State Water Costs	\$ 28,932	\$ 29,933	\$ 30,586	\$ 31,267	\$ 20,290	\$ 21,041	\$ 21,823	\$ 22,635	\$ 23,480	\$ 24,358
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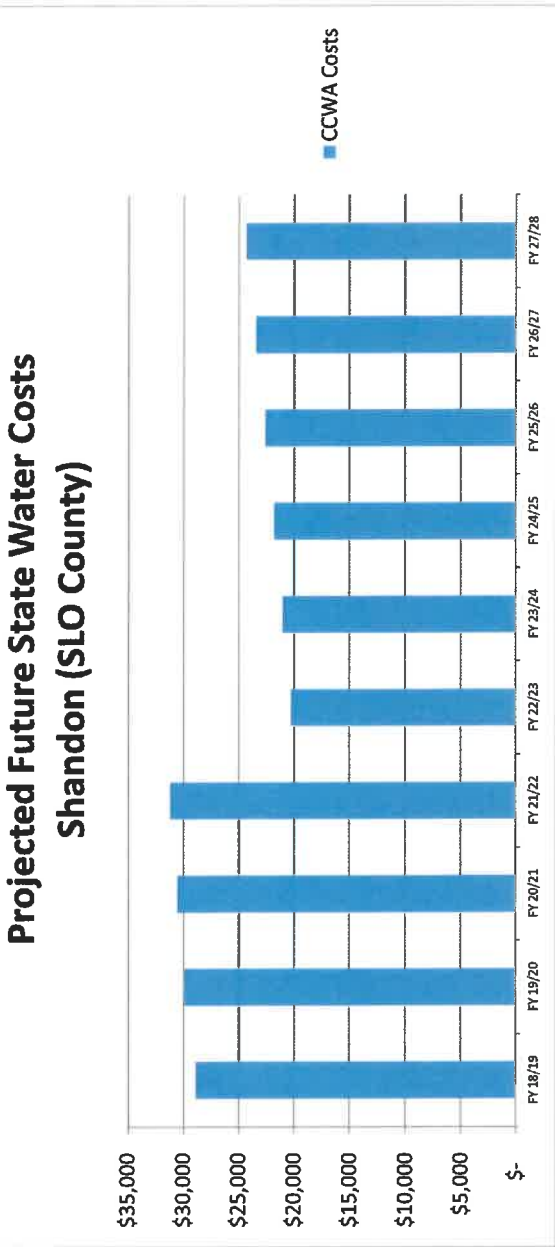
Central Coast Water Authority

Shandon

Revised State Water Cost Ten-Year Projections - Based on 2019 DWR May Estimates
Fiscal Year 2018/19 Final Budget

<i>Projected Payments by Due Date</i>																					
June 1st Fixed Payment ⁽³⁾	\$	23,049	\$	23,756	\$	24,101	\$	24,458	\$	13,140	\$	13,534	\$	13,940	\$	14,358	\$	14,789	\$	15,232	
April 1st Variable Payment ⁽⁴⁾		2,000		2,100		2,205		2,315		2,431		2,553		2,680		2,814		2,955		3,103	
July 1st Variable Payment		1,118		1,174		1,232		1,294		1,358		1,426		1,498		1,573		1,651		1,734	
October 1st Variable Payment		1,000		1,050		1,102		1,158		1,215		1,276		1,340		1,407		1,477		1,551	
January 1st Variable Payment		1,765		1,853		1,946		2,043		2,145		2,252		2,365		2,483		2,607		2,738	

- NOTES
- (1) Actual water delivery requests for the first four years and delivery estimates thereafter.
 - (2) CCWA fixed costs are based on a 3% inflation factor.
 - (3) June 1st fixed cost payment is paid in June BEFORE the beginning of the fiscal year shown (i.e, the FY 2018/19 fixed payment is paid on June 1, 2018).
 - (4) April 1st quarterly variable payment is paid in April BEFORE the beginning of the fiscal year shown.
 - (5) DWR and CCWA variable O&M costs are based on a 5% inflation factor.
 - (6) Current fiscal year DWR Variable costs net of DWR account interest income credits and credits or additional charges due from prior periods.
 - (7) The source for DWR costs is DWR's 2018 Statement of Charges dated July 1, 2017.
 - (8) CCWA Bond payments reflect Series 2016A Bond Debt Service Schedule after the refinancing of CCWA's 2006A Revenue Bond.



Central Coast Water Authority
CCWA Fixed Costs
 Ten-Year Financial Plan Projections
 FY 2018/19 Final Budget

Allocation Percentage	Base Year									
	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
	8,066,697	8,066,697	8,308,698	8,557,959	8,814,698	9,079,139	9,351,513	9,632,058	9,921,020	10,218,651
	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
Base Fixed O&M Costs	8,066,697	8,066,697	8,308,698	8,557,959	8,814,698	9,079,139	9,351,513	9,632,058	9,921,020	10,218,651
Inflation Factor										
Projected Fixed O&M										
Capital Improvement Projects										
Other Costs										
TOTAL CCWA FIXED COSTS	8,066,697	8,308,698	8,557,959	8,814,698	9,079,139	9,351,513	9,632,058	9,921,020	10,218,651	10,525,210
Guadalupe	1.51%	109,394	112,675	116,056	119,537	110,631	113,950	117,369	120,890	124,517
Santa Maria	43.06%	3,184,017	3,279,538	3,377,924	3,479,262	3,215,693	3,312,164	3,411,529	3,513,875	3,619,291
Golden State Water	1.43%	107,086	110,299	113,608	117,016	109,170	112,445	115,819	119,293	122,872
Vandenberg AFB	15.51%	1,188,443	1,224,096	1,260,819	1,298,643	1,212,683	1,249,063	1,286,535	1,325,131	1,364,885
Buellton	2.01%	149,154	153,628	158,237	162,984	154,746	159,388	164,170	169,095	174,168
Santa Ynez (Solvang)	4.94%	375,484	386,749	398,351	410,302	388,542	400,198	412,204	424,570	437,307
Santa Ynez	4.75%	352,998	363,588	374,496	385,731	282,792	291,276	300,014	309,015	318,285
Goleta	6.73%	689,155	709,830	731,125	753,058	998,504	1,028,459	1,059,313	1,091,093	1,123,825
Morehart Land Co.	0.37%	31,504	32,450	33,423	34,426	44,960	46,308	47,698	49,129	50,603
La Cumbre	1.58%	157,522	162,248	167,115	172,128	224,799	231,542	238,489	245,643	253,013
Raytheon	0.08%	7,876	8,112	8,356	8,606	11,240	11,577	11,924	12,282	12,651
Santa Barbara	4.46%	459,437	473,220	487,416	502,039	665,670	685,640	706,209	727,395	749,217
Montecito	4.48%	459,437	473,220	487,416	502,039	665,670	685,640	706,209	727,395	749,217
Carpinteria	3.02%	306,291	315,480	324,944	334,693	443,780	457,093	470,806	484,930	499,478
Shandon	0.14%	11,674	12,025	12,385	12,757	13,140	13,534	13,940	14,358	14,789
Chorro Valley	2.87%	231,360	238,301	245,450	252,813	260,398	268,210	276,256	284,544	293,080
Lopez	3.05%	245,864	253,240	260,838	268,663	276,723	285,024	293,575	302,382	311,454
Total:	100.00%	8,066,697	8,308,698	8,557,959	8,814,698	9,079,139	9,351,513	9,632,058	9,921,020	10,218,651
										10,525,210

(1) CCWA Fixed Costs for fiscal Years 2022/23 thru 2027/28 reflect changes due to the payoff of CCWA Revenue Bond Debt.

Central Coast Water Authority
CCWA & DWR Variable Cost Projections
 Ten-Year Financial Plan Projections
 FY 2018/19 Final Budget

Base Year	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
CCWA Variable Costs/AF-North County	59	62	65	68	71	75	79	83	91
CCWA WTP Variable Retirement Costs/AF	24	25	27	28	29	31	32	34	37
Inflation Factor		5%	5%	5%	5%	5%	5%	5%	5%
Projected CCWA Variable \$/AF-North County	83	87	91	96	101	106	111	117	129
CCWA Variable Costs/AF-South County	142	149	156	164	172	181	190	199	220
CCWA WTP Variable Retirement Costs/AF	24	25	27	28	29	31	32	34	37
South Coast Retirement Credits/AF	(59)	(62)	(65)	(68)	(71)	(75)	(79)	(83)	(91)
Inflation Factor		5%	5%	5%	5%	5%	5%	5%	5%
Projected CCWA Variable \$/AF-South County	107	112	118	124	130	137	143	151	166
Estimated DWR Variable \$/AF	183	183	192	202	212	222	234	245	270
Inflation Factor		5%	5%	5%	5%	5%	5%	5%	5%
Projected DWR Variable \$/AF	183	192	202	212	222	234	245	258	284
Total Projected Variable Cost/AF	266	279	293	308	323	339	356	374	413
CCWA & DWR Variable - North Coast \$/AF	290	305	320	336	353	370	389	408	450
CCWA & DWR Variable - South Coast \$/AF ⁽¹⁾									

(1) South Coast total AF estimates do not include Warren Act charges.

Central Coast Water Authority
CCWA Bond Debt

Ten-Year Financial Plan Projections
 FY 2018/19 Final Budget

	Allocation									
	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Percentage	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Principal Payment	8,720,000	9,160,000	9,615,000	10,095,000	-	-	-	-	-	-
Interest Payment	1,661,500	1,214,500	745,125	252,375	-	-	-	-	-	-
Other Costs (Credits)	(32,026)	(25,000)	(25,000)	(25,000)	-	-	-	-	-	-
TOTAL DEBT SERVICE PAYMENTS	10,349,474	10,349,500	10,335,125	10,322,375	-	-	-	-	-	-
Guadalupe	147,451	147,449	147,244	147,062	-	-	-	-	-	-
Santa Maria	-	-	-	-	-	-	-	-	-	-
Golden State Water	-	-	-	-	-	-	-	-	-	-
Vandenberg AFB	-	-	-	-	-	-	-	-	-	-
Buellton	261,085	261,196	260,833	260,511	-	-	-	-	-	-
Santa Ynez (Solvang)	802,069	802,128	801,014	800,025	-	-	-	-	-	-
Santa Ynez	301,220	301,242	300,823	300,452	-	-	-	-	-	-
Goleta	2,528,216	2,528,157	2,524,645	2,521,531	-	-	-	-	-	-
Morehart Land Co.	116,100	116,095	115,934	115,791	-	-	-	-	-	-
La Cumbre	555,829	555,816	555,044	554,359	-	-	-	-	-	-
Raytheon	24,292	24,302	24,269	24,239	-	-	-	-	-	-
Santa Barbara	1,554,249	1,554,137	1,551,978	1,550,064	-	-	-	-	-	-
Montecito	1,826,775	1,826,688	1,824,151	1,821,900	-	-	-	-	-	-
Carpinteria	1,044,360	1,044,310	1,042,859	1,041,573	-	-	-	-	-	-
Shandon	11,730	11,732	11,715	11,701	-	-	-	-	-	-
Chorro Valley	934,464	934,585	933,287	932,135	-	-	-	-	-	-
Lopez	241,633	241,664	241,329	241,031	-	-	-	-	-	-
Total:	10,349,474	10,349,500	10,335,125	10,322,375	-	-	-	-	-	-

Central Coast Water Authority
DWR Transportation Capital Charges
 Ten-Year Financial Plan Projections
 FY 2018/19 Final Budget

	Allocation									
	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Percentage										
Current Year Charges	22,875,229	22,899,670	22,981,028	23,205,539	23,201,438	23,198,870	23,196,009	23,192,883	23,189,754	23,183,111
Rate Management Credits	(2,377,281)	(2,530,838)	(2,530,838)	(2,530,838)	(2,530,838)	(2,530,838)	(2,530,838)	(2,530,838)	(2,530,838)	(2,530,838)
(Over)/Under Payment	(778,872)	(778,872)	(778,872)	(778,872)	(778,872)	(778,872)	(778,872)	(778,872)	(778,872)	(778,872)
Miscellaneous Charges/(Credits)	168,241	-	-	-	-	-	-	-	-	-
TOTAL PAYMENTS	19,887,316	19,589,960	19,671,318	19,895,829	19,891,728	19,889,160	19,886,299	19,883,173	19,880,044	19,873,401
Guadalupe	279,473	275,294	276,438	279,593	279,535	279,499	279,459	279,415	279,371	279,277
Santa Maria	8,231,750	8,108,669	8,142,344	8,235,274	8,233,576	8,232,514	8,231,329	8,230,035	8,228,740	8,225,991
Golden State Water	254,066	250,268	251,307	254,175	254,123	254,090	254,053	254,013	253,973	253,889
Vandenberg AFB	2,794,730	2,752,943	2,764,376	2,795,926	2,795,350	2,794,989	2,794,587	2,794,148	2,793,708	2,792,775
Buellton	293,701	289,309	290,511	293,826	293,766	293,728	293,686	293,639	293,593	293,495
Santa Ynez (Solvang)	754,825	743,538	746,626	755,148	754,992	754,894	754,786	754,667	754,548	754,296
Santa Ynez	261,441	257,532	258,601	261,553	261,499	261,465	261,428	261,387	261,345	261,258
Goleta	2,317,103	2,282,457	2,291,936	2,318,095	2,317,617	2,317,318	2,316,984	2,316,620	2,316,255	2,315,481
Morehart Land Co.	101,627	100,107	100,523	101,670	101,649	101,636	101,621	101,605	101,589	101,555
La Cumbre	508,133	500,535	502,614	508,350	508,245	508,180	508,107	508,027	507,947	507,777
Raytheon	25,407	25,027	25,131	25,417	25,412	25,409	25,405	25,401	25,397	25,389
Santa Barbara	1,524,398	1,501,605	1,507,842	1,525,051	1,524,736	1,524,539	1,524,320	1,524,081	1,523,841	1,523,332
Montecito	1,524,398	1,501,605	1,507,842	1,525,051	1,524,736	1,524,539	1,524,320	1,524,081	1,523,841	1,523,332
Carpinteria	1,016,265	1,001,070	1,005,228	1,016,701	1,016,491	1,016,360	1,016,214	1,016,054	1,015,894	1,015,554
Total:	19,887,316	19,589,960	19,671,318	19,895,829	19,891,728	19,889,160	19,886,299	19,883,173	19,880,044	19,873,401

Central Coast Water Authority
DWR Coastal Branch Extension

Ten-Year Financial Plan Projections
 FY 2018/19 Final Budget

Allocation	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Principal	1,680,036	1,093,659	1,926,454	2,090,424	2,853,276	2,055,548	2,138,774	1,711,761	1,790,526	1,784,739
Interest	966,408	917,539	868,073	805,206	724,551	632,898	547,094	465,357	387,517	314,146
Bond Cover	588,314	606,899	719,128	819,264	794,741	682,515	618,091	554,125	543,788	642,697
Return of Prior Year Cover	(769,622)	(588,314)	(606,899)	(719,128)	(819,264)	(794,741)	(682,515)	(618,091)	(554,125)	(543,788)
Other Charges/(Credits)	(344,053)	-	-	-	-	-	-	-	-	-
TOTAL PAYMENTS	2,121,083	2,029,784	2,906,756	2,995,766	3,553,303	2,576,221	2,621,444	2,113,152	2,167,705	2,197,795
Guadalupe	0.00%	-	-	-	-	-	-	-	-	-
Santa Maria	21.80%	462,340	442,407	633,549	652,950	561,507	571,363	460,577	472,468	479,026
Golden State Water	0.67%	14,270	13,643	19,538	20,136	17,316	17,620	14,204	14,570	14,773
Vandenberg AFB	19.54%	414,358	396,543	567,871	585,260	503,297	512,132	412,831	423,488	429,367
Buellton	2.05%	43,545	41,658	59,656	61,483	52,873	53,801	43,369	44,488	45,106
Santa Ynez (Solvang)	5.33%	113,007	108,152	154,880	159,622	137,268	139,677	112,594	115,501	117,104
Santa Ynez	1.78%	37,669	36,065	51,647	53,229	45,775	46,578	37,547	38,516	39,051
Goleta	15.98%	339,020	324,413	464,576	478,802	411,748	418,976	337,737	346,456	351,265
Morehart Land Co.	0.71%	15,068	14,417	20,646	21,279	18,299	18,620	15,010	15,397	15,611
La Cumbre	3.55%	75,338	72,087	103,232	106,393	91,493	93,099	75,048	76,985	78,054
Raytheon	0.18%	3,767	3,615	5,177	5,336	4,589	4,669	3,764	3,861	3,915
Santa Barbara	10.66%	226,013	216,304	309,759	319,245	274,536	279,355	225,189	231,002	234,209
Montecito	10.66%	226,013	216,304	309,759	319,245	274,536	279,355	225,189	231,002	234,209
Carpinteria	7.10%	150,676	144,174	206,464	212,786	182,987	186,199	150,095	153,970	156,107
Total:	100.00%	2,121,083	2,029,784	2,906,756	2,995,766	2,576,221	2,621,444	2,113,152	2,167,705	2,197,795

Central Coast Water Authority
DWR Water System Revenue Bond Surcharge

Ten-Year Financial Plan Projections
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	Allocation									
	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
WSRB Charge	3,166,142	3,378,067	3,311,600	3,392,989	3,298,654	3,331,410	3,256,725	3,096,897	2,942,647	3,110,527
Return of Prior Year Cover(44%)	(1,329,810)	(1,393,102)	(1,486,349)	(1,457,104)	(1,492,915)	(1,451,408)	(1,465,820)	(1,432,959)	(1,362,635)	(1,294,765)
Other Charges/(Credits)	(17,327)	-	-	-	-	-	-	-	-	-
TOTAL PAYMENTS	1,819,005	1,984,965	1,825,251	1,935,885	1,805,739	1,880,002	1,790,905	1,663,938	1,580,012	1,815,762
Guadalupe	1.38%	25,187	27,485	25,274	26,806	25,004	26,032	23,040	21,878	25,142
Santa Maria	40.73%	740,797	808,384	743,340	788,397	735,394	765,638	677,645	643,466	739,476
Golden State Water	1.26%	22,834	24,918	22,913	24,302	22,668	23,600	20,888	19,834	22,794
Vandenberg AFB	13.83%	251,589	274,543	252,452	267,754	249,754	260,025	230,141	218,533	251,140
Buellton	1.45%	26,466	28,881	26,557	28,167	26,273	27,354	24,210	22,989	26,419
Santa Ynez (Solvang)	3.64%	66,183	72,221	66,410	70,435	65,700	68,402	60,541	57,487	66,065
Santa Ynez	1.38%	25,090	27,379	25,176	26,703	24,907	25,932	22,951	21,794	25,046
Goleta	13.10%	238,264	260,002	239,082	253,573	236,526	246,254	217,952	206,959	237,839
Morehart Land Co.	0.51%	9,267	10,113	9,299	9,863	9,200	9,578	8,477	8,050	9,251
La Cumbre	2.51%	45,737	49,910	45,894	48,676	45,404	47,271	41,838	39,728	45,656
Raytheon	0.13%	2,283	2,491	2,291	2,429	2,266	2,359	2,088	1,983	2,279
Santa Barbara	7.55%	137,278	149,803	137,749	146,099	136,277	141,881	125,575	119,241	137,033
Montecito	7.55%	137,278	149,803	137,749	146,099	136,277	141,881	125,575	119,241	137,033
Carpinteria	4.99%	90,752	99,031	91,063	96,583	90,090	93,795	83,015	78,828	90,590
Total:	100.00%	1,819,005	1,984,965	1,825,251	1,935,885	1,805,739	1,880,002	1,663,938	1,580,012	1,815,762

Central Coast Water Authority
DWR Transportation Minimum OMP&R

Ten-Year Financial Plan Projections
 FY 2018/19 Final Budget

	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Current Year Charges	15,489,986	17,765,267	12,347,531	12,964,908	13,613,153	14,293,811	15,008,501	15,758,927	16,546,873	17,374,217
(Over)/Under Payment	1,249,759	-	-	-	-	-	-	-	-	-
Miscellaneous Charges/(Credits)	-	-	-	-	-	-	-	-	-	-
TOTAL PAYMENTS	16,739,745	17,765,267	12,347,531	12,964,908	13,613,153	14,293,811	15,008,501	15,758,927	16,546,873	17,374,217
Guadalupe	1.39%	232,682	246,710	171,473	180,046	189,049	198,501	208,426	218,848	229,790
Santa Maria	40.90%	6,842,557	7,266,732	5,050,653	5,303,186	5,568,345	5,846,762	6,139,100	6,446,055	6,768,358
Golden State Water	1.26%	210,421	224,282	155,884	163,679	171,862	180,456	189,478	198,952	208,900
Vandenberg AFB	13.89%	2,323,651	2,467,100	1,714,728	1,800,464	1,890,487	1,985,012	2,084,262	2,188,476	2,297,899
Buellton	1.46%	244,400	259,270	180,202	189,212	198,673	208,607	219,037	229,989	241,488
Santa Ynez (Solvang)	3.68%	615,023	653,906	454,490	477,214	501,075	526,129	552,435	580,057	609,060
Santa Ynez	1.37%	229,834	243,221	169,048	177,500	186,375	195,694	205,479	215,753	226,540
Goleta	12.69%	2,133,769	2,254,832	1,567,193	1,645,553	1,727,830	1,814,222	1,904,933	2,000,180	2,100,189
Morehart Land Co.	0.50%	83,699	89,713	62,354	65,471	68,745	72,182	75,791	79,581	83,560
La Cumbre	2.52%	421,842	448,564	311,769	327,357	343,725	360,911	378,957	397,905	417,800
Raytheon	0.13%	21,262	22,428	15,588	16,368	17,186	18,046	18,948	19,895	20,890
Santa Barbara	7.57%	1,267,873	1,345,691	935,306	982,071	1,031,175	1,082,734	1,136,870	1,193,714	1,253,400
Montecito	7.57%	1,267,873	1,345,691	935,306	982,071	1,031,175	1,082,734	1,136,870	1,193,714	1,253,400
Carpinteria	5.05%	844,857	897,127	623,537	654,714	687,450	721,822	757,914	795,809	835,600
Total:	100.00%	16,739,745	17,765,267	12,347,531	12,964,908	13,613,153	14,293,811	15,008,501	15,758,927	16,546,873

Central Coast Water Authority
DWR Delta Water Charge
 Ten-Year Financial Plan Projections
 FY 2018/19 Final Budget

Table A &
Drought
Buffer %

	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Delta Water Charge \$/AF-Base Inflation %	\$ 74	\$ 74	\$ 78	\$ 82	\$ 86	\$ 91	\$ 95	\$ 100	\$ 105	\$ 110
Projected DWC-Base Charges	\$ 74	\$ 78	\$ 82	\$ 86	\$ 91	\$ 95	\$ 100	\$ 105	\$ 110	\$ 116

Table A &
Drought
Buffer %

	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28
Rate Management Credits/(AF Miscellaneous Charges)/(Credits)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
TOTAL PAYMENTS	\$ 71	\$ 75	\$ 79	\$ 83	\$ 87	\$ 92	\$ 97	\$ 102	\$ 107	\$ 112
Guadalupe	605	45,459	47,825	50,308	52,916	55,654	58,529	61,548	64,718	68,046
Santa Maria	17,820	1,280,807	1,408,651	1,481,805	1,558,617	1,639,270	1,723,955	1,812,875	1,906,241	2,004,274
Golden State Water	550	39,284	43,477	45,735	48,105	50,595	53,208	55,953	58,835	61,860
Vandenber AFB	6,050	432,129	478,246	503,082	529,160	556,542	585,293	615,482	647,180	680,464
Buellton	636	45,427	50,275	52,886	55,627	58,506	61,528	64,702	68,034	71,533
Santa Ynez (Solvang)	1,500	107,735	118,573	124,731	131,197	137,986	145,114	152,599	160,458	168,710
Santa Ynez	700	49,082	55,334	58,208	61,225	64,393	67,720	71,213	74,880	78,731
Goleta	7,450	532,478	588,914	619,498	651,610	685,329	720,733	757,908	796,941	837,926
Morehart Land Co.	220	15,714	17,391	18,294	19,242	20,238	21,283	22,381	23,534	24,744
La Cumbre	1,100	78,569	86,954	91,469	96,211	101,190	106,417	111,906	117,669	123,721
Raytheon	55	3,928	4,348	4,573	4,811	5,059	5,321	5,595	5,883	6,186
Santa Barbara	3,300	237,188	247,959	260,861	288,633	303,569	319,251	335,718	353,008	371,162
Montecito	3,300	237,188	247,959	260,861	288,633	303,569	319,251	335,718	353,008	371,162
Carpinteria	2,200	157,138	173,908	182,939	192,422	202,379	212,834	223,812	235,338	247,441
Total:	45,486	3,259,881	3,595,617	3,782,345	3,978,410	4,184,278	4,400,440	4,627,409	4,865,727	5,115,961

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[AB 813](#) ([Holden D](#)) Multistate regional transmission system organization: membership.

Current Text: Amended: 6/12/2018 [html](#) [pdf](#)

Introduced: 2/15/2017

Last Amended: 6/12/2018

Status: 6/12/2018-From committee chair, with author's amendments: Amend, and re-refer to committee. Read second time, amended, and re-referred to Com. on E., U. & C.

Location: 5/17/2018-S. E. U., & C.

Calendar:

6/19/2018 9 a.m. - Room 3191 SENATE ENERGY, UTILITIES AND COMMUNICATIONS, HUESO, Chair

Summary:

Would prohibit a California electrical transmission facility owner, a retail seller of electricity, or a local publicly owned electric utility from joining a multistate regional transmission system organization, as defined, unless the bylaws or other organizational documents that govern the organization, and the organization's operations, meet Federal Energy Regulatory Commission requirements and other specified requirements. The bill would require a California transmission owner, retail seller, or local publicly owned electric utility, before joining a multistate regional transmission system organization, to submit the bylaws and other organizational documents that govern the multistate regional transmission system organization to the State Energy Resources Conservation and Development Commission for review.

Other Positions: CMUA-W, SWC-Watch

[AB 1876](#) ([Frazier D](#)) Sacramento-San Joaquin Delta: Delta Plan: administration.

Current Text: Amended: 4/3/2018 [html](#) [pdf](#)

Introduced: 1/16/2018

Last Amended: 4/3/2018

Status: 4/27/2018-Failed Deadline pursuant to Rule 61(b)(5). (Last location was W.,P. & W. on 1/29/2018)

Location: 4/27/2018-A. DEAD

Summary:

The Sacramento-San Joaquin Delta Reform Act of 2009 establishes the Delta Stewardship Council, which consists of 7 members, and requires the council to develop, adopt, and commence implementation of a comprehensive management plan for the Delta, known as the Delta Plan. This bill would make the provisions establishing the Delta Stewardship Council inoperative on July 1, 2020. The bill would provide for the Delta Protection Commission, on that date, to succeed to, and to be vested with, the duties, powers, purposes, responsibilities, and jurisdiction vested in the council as of June 30, 2020.

Other Positions: SCWC-Oppose, SWC-O

[AB 1912](#) ([Rodriguez D](#)) Public employees' retirement: joint powers agreements: liability.

Current Text: Amended: 5/9/2018 [html](#) [pdf](#)

Introduced: 1/23/2018

Last Amended: 5/9/2018

Status: 6/11/2018-In committee: Set, first hearing. Hearing canceled at the request of author

Location: 5/31/2018-S. P.E. & R.

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Calendar:

6/25/2018 2 p.m. or upon adjournment of Session - Rose Ann Vuich Hearing Room (2040) SENATE PUBLIC EMPLOYMENT AND RETIREMENT, PAN, Chair

6/26/2018 1:30 p.m. - Room 112 SENATE JUDICIARY, JACKSON, Chair

Summary:

The Joint Exercise of Powers Act generally authorizes 2 or more public agencies, by agreement, to jointly exercise any common power. Under the act, if an agency is not one or more of the parties to the agreement but is a public entity, commission, or board constituted pursuant to the agreement, the debts, liabilities, and obligations of the agency are the debts, liabilities, and obligations of the parties to the agreement, unless the agreement specifies otherwise. The act also authorizes a party to a joint powers agreement to separately contract for, or assume responsibilities for, specific debts, liabilities, or obligations of the agency. This bill would eliminate that authorization, and would specify that if an agency established by a joint powers agreement participates in, or contracts with, a public retirement system, member agencies, both current and former to the agreement, would be required to mutually agree as to the apportionment of the agency's retirement obligations among themselves, provided that the agreement equals the total retirement liability of the agency.

Other Positions: SWC-Watch

[AB 2208](#) ([Aguiar-Curry](#) D) California Renewables Portfolio Standard Program: local publicly owned electric utilities: electrical corporations: geothermal, biogas, and biomass energy resources.

Current Text: Amended: 4/19/2018 [html](#) [pdf](#)

Introduced: 2/12/2018

Last Amended: 4/19/2018

Status: 5/25/2018-Failed Deadline pursuant to Rule 61(b)(8). (Last location was A. APPR. SUSPENSE FILE on 5/9/2018)

Location: 5/25/2018-A. DEAD

Summary:

The California Renewables Portfolio Standard Program requires the Public Utilities Commission to establish a renewables portfolio standard requiring all retail sellers to procure a minimum quantity of electricity products from eligible renewable energy resources so that the total number of kilowatthours of those products sold to their retail end-use customers achieves 25% of retail sales by December 31, 2016, then incrementally increases for specified compliance periods to 33% of retail sales by December 31, 2020, 40% by December 31, 2024, 45% by December 31, 2027, and 50% by December 31, 2030. This bill would require that not less than an unspecified percentage of the incremental procurement requirements for each compliance period be satisfied with geothermal, biogas, or biomass energy resources procured on or after July 1, 2017, until either an unspecified percentage of the total electricity products procured to satisfy the overall procurement requirements are from those energy resources or December 31, 2030, whichever occurs first.

Other Positions: CMUA-O, SWC-Watch

[AB 2516](#) ([Eggman](#) D) Dams: reservoir restrictions.

Current Text: Amended: 6/13/2018 [html](#) [pdf](#)

Introduced: 2/14/2018

Last Amended: 6/13/2018

Status: 6/13/2018-Read second time and amended. Re-referred to Com. on APPR.

Location: 6/13/2018-S. APPR.

Summary:

Would require the Department of Water Resources to post, and update quarterly, on its Internet Web site a report

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containing the name of each reservoir subject to a restriction and the reservoir's associated downstream hazard potential classification, the effective date of the reservoir restriction, the reason for the restriction, and actions that would allow the restriction to be removed. The bill, if no reservoir restrictions are in effect, would require the department to post this fact on its Internet Web site.

Other Positions: ACWA-NF/A, SCWC-Watch, SWC-Watch

[AB 2528](#) ([Bloom](#) D) Climate adaptation.

Current Text: Amended: 6/14/2018 [html](#) [pdf](#)

Introduced: 2/14/2018

Last Amended: 6/14/2018

Status: 6/14/2018-From committee chair, with author's amendments: Amend, and re-refer to committee. Read second time, amended, and re-referred to Com. on N.R. & W.

Location: 6/7/2018-S. N.R. & W.

Calendar:

6/26/2018 9 a.m. - Room 112 SENATE NATURAL RESOURCES AND WATER, HERTZBERG, Chair

Summary:

Current law requires the Natural Resources Agency by July 1, 2017, and every 3 years thereafter, to update the state's climate adaptation strategy to identify vulnerabilities to climate change by sectors; including the biodiversity and habitat sector, and priority actions needed to reduce the risks in those sectors. As part of the update, current law requires the Natural Resources Agency to coordinate with other state agencies to identify a lead agency or group of agencies to lead adaptation efforts in each sector. This bill would add 3 new sectors to the climate adaptation strategy: the land use and community development sector, the climate justice sector, and the parks, recreation, and California culture sector.

Other Positions: SCWC-Watch, SWC-Watch

[AB 2543](#) ([Eggman](#) D) State agencies: infrastructure project budget and schedule: Internet Web site information.

Current Text: Amended: 3/13/2018 [html](#) [pdf](#)

Introduced: 2/15/2018

Last Amended: 3/13/2018

Status: 6/12/2018-From committee: Do pass and re-refer to Com. on APPR. (Ayes 10. Noes 0.) (June 12). Re-referred to Com. on APPR.

Location: 6/12/2018-S. APPR.

Calendar:

6/25/2018 10 a.m. - John L. Burton Hearing Room (4203) SENATE APPROPRIATIONS, PORTANTINO, Chair

Summary:

Would require each state agency or department authorized to undertake any infrastructure project costing \$100,000,000 or more to publicly post on its Internet Web site any change in the cost or schedule of the project that would result in the project exceeding its established budget by 10 percent or more or being delayed by 12 months or longer. The bill would require that the posted information describe how much the project is expected to exceed its established budget or delay its construction schedule.

Other Positions: SWC-Watch

[AB 2545](#) ([Gallagher](#) R) Department of Fish and Wildlife: lake or streambed alteration agreements.

Current Text: Amended: 5/25/2018 [html](#) [pdf](#)

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Introduced: 2/15/2018

Last Amended: 5/25/2018

Status: 6/7/2018-Referred to Com. on N.R. & W.

Location: 6/7/2018-S. N.R. & W.

Calendar:

6/26/2018 9 a.m. - Room 112 SENATE NATURAL RESOURCES AND WATER, HERTZBERG, Chair

Summary:

Current law prohibits an entity from substantially diverting or obstructing the natural flow of, or substantially changing or using any material from the bed, channel, or bank of, any river, stream, or lake, or from depositing certain material where it may pass into any river, stream, or lake, without first notifying the Department of Fish and Wildlife of that activity, and entering into a lake or streambed alteration agreement if required by the department to protect fish and wildlife resources. This bill would require the department, until January 1, 2023, to establish procedures for the issuance of a general agreement in lieu of an individual alteration agreement pursuant to these provisions. The bill would require the department to adopt general agreements, as specified, for these activities.

Other Positions: ACWA-W, CCEEB-S/A, SCWC-Watch, SWC-Watch

[AB 2649](#) ([Arambula D](#)) **Water rights: water management.**

Current Text: Amended: 5/25/2018 [html](#) [pdf](#)

Introduced: 2/15/2018

Last Amended: 5/25/2018

Status: 6/13/2018-Referred to Coms. on EQ. and N.R. & W.

Location: 6/13/2018-S. E.Q.

Calendar:

6/20/2018 8:30 a.m. - Room 3191 SENATE ENVIRONMENTAL QUALITY, WIECKOWSKI, Chair

Summary:

Would require the State Water Resources Control Board to prioritize a temporary permit for a project that enhances the ability of a local or state agency to capture water during high precipitation events for local storage or recharge, with certain conditions and consistent with water rights priorities and protections for fish and wildlife. The bill would exempt temporary permits for these projects from the California Environmental Quality Act. The bill would require the board to set a reduced application fee for an applicant for a temporary permit for these projects.

Other Positions: ACWA-W, SCWC-Watch, SWC-Watch

[AB 2693](#) ([Quirk D](#)) **Natural gas-fired generating units.**

Current Text: Amended: 5/25/2018 [html](#) [pdf](#)

Introduced: 2/15/2018

Last Amended: 5/25/2018

Status: 6/13/2018-Referred to Com. on E., U. & C.

Location: 6/13/2018-S. E. U., & C.

Summary:

Would require the Public Utilities Commission to consider revising the gas supply tariff for natural gas-fired generating units to authorize the collection of rate revenues mostly in capacity charges, as specified. The bill would state the intent of the Legislature that the commission undertake certain actions regarding California's future grid reliability needs, including determining which natural gas-fired generating units can be retired and which are needed, as specified.

Other Positions: CMUA-W, SWC-Watch

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[AB 2697](#) ([Gallagher R](#)) Wildlife, bird, and waterfowl habitat: idled agricultural lands.

Current Text: Amended: 5/25/2018 [html](#) [pdf](#)

Introduced: 2/15/2018

Last Amended: 5/25/2018

Status: 6/13/2018-Referred to Com. on N.R. & W.

Location: 6/13/2018-S. N.R. & W.

Calendar:

6/26/2018 9 a.m. - Room 112 SENATE NATURAL RESOURCES AND WATER, HERTZBERG, Chair

Summary:

Would require the Wildlife Conservation Board to establish a program, which may include direct payments or other incentives, to encourage landowners to voluntarily cultivate or retain cover crops or other upland vegetation on idled lands to provide waterfowl, upland game bird, and other wildlife habitat cover for purposes, including, but not limited to, encouraging the use of idle agricultural lands for wildlife habitat. The bill would also authorize the department to provide incentives pursuant to the program for the creation or enhancement of waterfowl brood habitat, and to develop guidelines and criteria for the program as it deems appropriate.

Other Positions: ACWA-W, CCEEB-W, SCWC-Watch, SWC-Watch

[AB 2975](#) ([Friedman D](#)) Wild and scenic rivers.

Current Text: Amended: 5/29/2018 [html](#) [pdf](#)

Introduced: 2/16/2018

Last Amended: 5/29/2018

Status: 6/13/2018-Referred to Com. on N.R. & W.

Location: 6/13/2018-S. N.R. & W.

Calendar:

6/26/2018 9 a.m. - Room 112 SENATE NATURAL RESOURCES AND WATER, HERTZBERG, Chair

Summary:

Would, if (1) the federal government takes action to enact a statute that, upon enactment, would require the removal or delisting of any river or segment of a river in California that is included in the national wild and scenic rivers system and not in the state wild and scenic rivers system; or (2) the secretary determines that the federal government by enactment of a statute or by executive order has exempted a river or segment of a river in California that is not in the state wild and scenic river system from the protection of certain federal provisions governing restrictions on water resources projects, require the secretary, after holding a public hearing on the issue, based on the information obtained through the public hearing, to determine whether the provision of state protection for the river or segment of the river that has been removed, delisted, or exempted from the federal wild and scenic rivers system is in the best interest of the state and, if so, to take specified actions, until December 31, 2025, to add the river or segment of a river to the state wild and scenic rivers system and to classify that river or segment of a river, as prescribed.

Other Positions: ACWA-W, SCWC-Watch, SWC-Watch

[AB 3045](#) ([Gallagher R](#)) Natural Resources Agency: State Water Project Commission.

Current Text: Amended: 4/25/2018 [html](#) [pdf](#)

Introduced: 2/16/2018

Last Amended: 4/25/2018

Status: 5/25/2018-Failed Deadline pursuant to Rule 61(b)(8). (Last location was A. APPR. SUSPENSE FILE on 5/16/2018)

Location: 5/25/2018-A. DEAD

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Summary:

Would establish within the Natural Resources Agency the State Water Project Commission, consisting of 9 members appointed by the Governor and subject to confirmation by the Senate, including one member nominated by the Butte County Board of Supervisors. By imposing a new duty on the Butte County Board of Supervisors, the bill would impose a state-mandated local program. The bill would transfer authority over and relating to the State Water Project from the department to the commission, as specified.

Other Positions: ACWA-O, SCWC-Oppose, SWC-O

[AB 3057](#) ([Quirk-Silva](#) D) Corporation taxes: exempt organizations: mutual ditch or irrigation companies.

Current Text: Amended: 3/13/2018 [html](#) [pdf](#)

Introduced: 2/16/2018

Last Amended: 3/13/2018

Status: 5/25/2018-In committee: Held under submission.

Location: 5/16/2018-A. APPR. SUSPENSE FILE

Summary:

The Corporation Tax Law, in modified conformity with federal income tax laws, exempts various types of organizations from taxes imposed by that law. This bill, in further conformity with federal income tax laws, for taxable years beginning on or after January 1, 2018, would exempt from the taxes imposed by the Corporation Tax Law a mutual ditch or irrigation company, as provided. This bill would make additional conforming changes.

Other Positions: SCWC-Support

[AB 3116](#) ([Cooley](#) D) Ballast water.

Current Text: Introduced: 2/16/2018 [html](#) [pdf](#)

Introduced: 2/16/2018

Status: 4/27/2018-Failed Deadline pursuant to Rule 61(b)(5). (Last location was E.S. & T.M. on 3/12/2018)

Location: 4/27/2018-A. DEAD

Summary:

The Marine Invasive Species Act, which is administered by the State Lands Commission and generally applies to all vessels carrying or capable of carrying ballast water into the coastal waters of the state after operating outside of the coastal waters of the state and to all ballast water and associated sediments taken on a vessel, imposes specified requirements on the master, owner, operator, or person in charge of one of those vessels to minimize the uptake and release of nonindigenous species, including minimizing the uptake of ballast water in specified areas and under certain circumstances. This bill would also require those persons to minimize the uptake of ballast water in areas designated by the State Lands Commission.

Other Positions: SWC-Watch

[SB 64](#) ([Wieckowski](#) D) Fossil-fuel generation units.

Current Text: Amended: 5/10/2018 [html](#) [pdf](#)

Introduced: 12/22/2016

Last Amended: 5/10/2018

Status: 5/31/2018-From committee: Be re-referred to Coms. on NAT. RES. and U. & E. (Ayes 7 Noes 0.) (May 31).
Re-referred to Com. on NAT. RES.

Location: 5/31/2018-A. NAT. RES.

Calendar:

6/18/2018 2:30 p.m. - State Capitol, Room 447 ASSEMBLY NATURAL RESOURCES, MURATSUCHI, Chair

Agenda Item 6

Summary:

Would require the California balancing authority, on a quarterly basis to provide to the State Air Resources Board data associated with startups, shutdowns, and cycling of fossil-fueled electrical generating facilities. The bill would require the state board to make those data available to the air districts and the public. The bill would require the air districts, during a permit review of a generating facility, to review the relevant data associated with that facility provided by the California balancing authority and evaluate certain emission impacts of those facilities. The bill would require the air districts to impose limitations on the operation of the generating facility on days in which emissions are forecasted to exceed federal or state ambient air quality standards, as specified.

[SB 100](#) (De León D) California Renewables Portfolio Standard Program: emissions of greenhouse gases.

Current Text: Amended: 9/11/2017 [html](#) [pdf](#)

Introduced: 1/11/2017

Last Amended: 9/11/2017

Status: 9/11/2017-September 11 hearing postponed by committee. From committee with author's amendments. Read second time and amended. Re-referred to Com. on U. & E.

Location: 9/8/2017-A. U. & E.

Calendar:

7/3/2018 9 a.m. - State Capitol, Room 447 ASSEMBLY UTILITIES AND ENERGY, HOLDEN, Chair

Summary:

The Legislature has found and declared that its intent in implementing the California Renewables Portfolio Standard Program requires the PUC is to attain, among other targets for sale of eligible renewable resources, the target of 50% of total retail sales of electricity by December 31, 2030. This bill would revise the above-described legislative findings and declarations to state that the goal of the program is to achieve that 50% renewable resources target by December 31, 2026, and to achieve a 60% target by December 31, 2030.

Other Positions: ACWA-O/A, CMUA-S/A, SWC-O/A

[SB 919](#) (Dodd D) Water resources: stream gages.

Current Text: Amended: 6/12/2018 [html](#) [pdf](#)

Introduced: 1/22/2018

Last Amended: 6/12/2018

Status: 6/12/2018-From committee with author's amendments. Read second time and amended. Re-referred to Com. on W., P., & W.

Location: 6/11/2018-A. W., P. & W.

Calendar:

6/26/2018 9 a.m. - State Capitol, Room 444 ASSEMBLY WATER, PARKS AND WILDLIFE, GARCIA, Chair

Summary:

Would require the Department of Water Resources, upon appropriation by the Legislature, to develop a plan to deploy a network of stream gages that includes a determination of funding needs and opportunities for modernizing and reactivating existing gages and deploying new gages, as specified. The bill would require the department, in consultation with the board, the Department of Fish and Wildlife, the Department of Conservation, the Central Valley Flood Protection Board, interested stakeholders, and, to the extent they wish to consult, local agencies, to develop the plan to address significant gaps in information necessary for water management and the conservation of freshwater species.

Other Positions: ACWA-S, SCWC-Watch, SWC-Watch

Agenda Item 6

[SB 955](#) ([Nielsen R](#)) **Oroville Dam: Citizens Advisory Commission.**

Current Text: Amended: 4/18/2018 [html](#) [pdf](#)

Introduced: 1/30/2018

Last Amended: 4/18/2018

Status: 6/7/2018-Referred to Com. on W.,P., & W.

Location: 6/7/2018-A. W.,P. & W.

Calendar:

6/26/2018 9 a.m. - State Capitol, Room 444 ASSEMBLY WATER, PARKS AND WILDLIFE, GARCIA, Chair

Summary:

Would create the Citizens Advisory Commission for Oroville Dam as an independent entity within the department. The bill would require the commission to consist of 14 members, appointed as prescribed, and including the member of the California State Senate representing the City of Oroville, or his or her designee, the member of the California State Assembly representing the City of Oroville, or his or her designee, and members appointed by the City of Oroville, specified counties, and county sheriffs. By imposing new duties on the City of Oroville, counties, and county sheriffs in connection with the appointment of members to the commission, this bill would impose a state-mandated local program.

Other Positions: ACWA-W, SCWC-Watch, SWC-Watch

[SB 963](#) ([Allen D](#)) **Water replenishment districts.**

Current Text: Amended: 6/4/2018 [html](#) [pdf](#)

Introduced: 1/31/2018

Last Amended: 6/4/2018

Status: 6/14/2018-From committee: Do pass as amended. (Ayes 7. Noes 0.) (June 13).

Location: 5/7/2018-A. L. GOV.

Calendar:

6/18/2018 #2 ASSEMBLY SECOND READING FILE -- SENATE BILLS

Summary:

Current law authorizes a water replenishment district to establish an annual reserve fund not to exceed \$10,000,000, as adjusted annually to reflect percentage increases or decreases in the blended cost of water from district supply sources and, beginning in the 2019–20 fiscal year, requires a minimum of 80% of the reserve to be used for water purchases. Current law excepts from this limitation the unexpended balance of any appropriated funds in a capital improvement project construction account established to pay the cost of a project or projects under construction. This bill would repeal this reserve fund authorization and would make conforming changes.

Other Positions: ACWA-F, SCWC-Watch

[SB 1073](#) ([Dodd D](#)) **Flood control: Napa River.**

Current Text: Amended: 3/15/2018 [html](#) [pdf](#)

Introduced: 2/12/2018

Last Amended: 3/15/2018

Status: 6/7/2018-Referred to Com. on W.,P., & W.

Location: 6/7/2018-A. W.,P. & W.

Calendar:

6/26/2018 9 a.m. - State Capitol, Room 444 ASSEMBLY WATER, PARKS AND WILDLIFE, GARCIA, Chair

Agenda Item 6

Summary:

Current law authorizes a plan of improvement for flood control and other purposes on the Napa River in Napa County, known as the Napa River Flood Control Project, in accordance with specified recommendations adopted by a specified federal act, at an estimated cost to the state of the sum that may be appropriated for state cooperation by the Legislature upon the recommendation and advice of the Department of Water Resources. This bill would require the state share of the nonfederal costs of that project to be only for those project costs incurred on or after the date on which the project was authorized by Congress.

Other Positions: SWC-Watch

[SB 1301](#) (Beall D) State permitting: environment: processing procedures: dam safety or flood risk reduction project.

Current Text: Amended: 5/25/2018 [html](#) [pdf](#)

Introduced: 2/16/2018

Last Amended: 5/25/2018

Status: 6/11/2018-Referred to Coms. on W.,P., & W. and NAT. RES.

Location: 6/11/2018-A. W.,P. & W.

Calendar:

6/26/2018 9 a.m. - State Capitol, Room 444 ASSEMBLY WATER, PARKS AND WILDLIFE, GARCIA, Chair

Summary:

Would require the Office of Planning and Research to develop a joint multiagency preapplication and a model fee-for-service agreement, in consultation with a state agency with the power to issue a permit that would authorize a dam safety project or authorize a flood risk reduction project and any interested potential project applicants. The bill would authorize a project applicant to complete a joint multiagency preapplication and submit the preapplication to each state agency named in the preapplication at any time.

Other Positions: ACWA-W, CCEEB-W, SWC-Watch

Total Measures: 22

Total Tracking Forms: 22