



A Meeting of the
**BOARD OF DIRECTORS
OF THE
CENTRAL COAST WATER AUTHORITY**

will be held at 9:00 a.m., on Thursday, October 24, 2019
at 255 Industrial Way, Buellton, California

I. Call to Order and Roll Call

Eric Friedman
Chairman

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.)

Ed Andrisek
Vice Chairman

III. Consent Calendar

Ray A. Stokes
Executive Director

- * A. Approve Minutes of the September 26, 2019 Regular Meeting
- * B. Approve Bills
- * C. Controller’s Report
- * D. Operations Report

Brownstein Hyatt
Farber Schreck
General Counsel

Member Agencies

IV. Executive Director’s Report

City of Buellton

- A. Water Supply Situation Report
- * B. 2019 DWR Scheduled Coastal Branch Shutdown
- * C. Delta Conveyance Project Participation Decision by CCWA
- D. Contract Assignment Update
- E. Suspended Table A Reacquisition Update
- F. DWR Enhanced Coastal Branch Planning and Monitoring Proposal
- G. Update on Request for Qualifications for Water Management Consulting Firms
- * H. FY 2018/19 Year End Budget Status Report
- ◆ I. Finance Committee
 - 1. FY 2019/20 First Quarter Investment Report
 - 2. Resolution 19-01 Amending the CCWA Rules and Regulations Governing the Policy and Procedures for the Purchase of Services, Supplies and Equipment
- * J. Hyper-converged Technology (Nutanix Infrastructure) Project

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

V. Reports from Board Members for Information Only

VI. Items for Next Regular Meeting Agenda

VII. Date of Next Regular Meeting: January 23, 2020
(Consider canceling the November and December regular meetings)

VIII. Adjournment

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

- * Indicates attachment of document to original agenda packet.
- ◆ Indicates enclosure of document with original agenda packet.

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

September 26, 2019

I. Call to Order and Roll Call

Chairman Friedman called the Central Coast Water Authority (CCWA) Board of Directors meeting held at 255 Industrial Way, Buellton, California, to order at 9:00 AM. 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%
Farfalla Borah	Goleta Water District	17.20%
Harlan Burchardi	Santa Ynez River Water Conservation District, ID #1	7.64%
Eric Friedman	City of Santa Barbara	11.47%
Gina Rubalcaba	City of Guadalupe	1.15%
Etta Waterfield	City of Santa Maria	43.19%
Floyd Wicks	Montecito Water District	9.50%

II. Public Comment

There was no public comment related to items not on the agenda.

III. Consent Calendar

- A. Approve Minutes of the July 25, 2019 Regular Meeting
- B. Approve Bills
- C. Controller's Report
- D. Operations Report

A motion to approve the Consent Calendar was made by Director Waterfield, seconded by Director Wicks and carried, with all in favor and none opposed.

IV. Executive Director's Report

- A. Delta Conveyance Project Contract Amendment Negotiations Update

Mr. Ray Stokes, CCWA Executive Director, provided information on the status of the Delta Conveyance Facility (DCF) to the Board. Original estimates were that the negotiations related to the project would be complete by the end of August with voting on participation by individual State Water Project Contractors to take place in October, however the negotiations are still ongoing. In the negotiations, Mr. Stokes is taking the position that CCWA will likely be a non-participant.

Complications were reviewed which specifically relate to non-participation in the project, some of which may have an impact on CCWA's ability to store water in San Luis Reservoir. Questions related to Article 21 water triggers for non-

participants, what is the San Luis Reservoir spill priority, what happens to available DCF water beyond DCF demand, and should limitations apply to carryover of DCF water each year, still remain to be answered.

The guiding concepts related to the administration and accounting for the project were reviewed, including opt-in, who pays for the facility, water accounting, forecasting water supply, carriage water and available capacity.

Current estimates indicate that with the addition of DCF water, San Luis Reservoir will spill more often, with estimates of 50% of years, as opposed to 10% as it does now. This would have a direct impact on CCWA's ability to carryover water, as well as CCWA's ability to take Article 21 water when it is available. Mr. Stokes is advocating for an alternative solution that does not place non-participants in a lesser position related to carryover. .

DWR is requesting commitment to the project prior to a scope of work or cost estimate, however; Mr. Stokes stated that even with the ongoing project negotiations, no more will be known about the project itself before the end of the year. He is therefore recommending CCWA make a decision on its participation in October, and commit to paying its share of the additional planning costs of the project, about \$3.8 million or alternatively, determine that CCWA will not participate so that any CCWA participants who are interested in individual agency participation can begin side agreement negotiations with a participating SWP contractor.

Chairman Friedman opened the meeting to public comment, and Mr. Nick DiCroce, of WeWatch addressed the Board, recommending that CCWA opt-out of the project based on his opinion that there were other lessor cost alternatives to improve water supply. Also he stated he felt the reliability estimates being used by DWR were questionable. He stated the tunnel would also aggravate endangered species in the Delta due to loss of fresh water flows. Past unreliability of DWR cost and reliability estimates were also stated as reasons to reject participation.

Mr. Matt Van der Linden, Public Works Director of the City of Solvang, expressed concern that DWR would remove capacity from existing facilities to maximize the DCF.

Mr. Joshua Haggmark, Water Resources Manager for the City of Santa Barbara, asked if it was possible that non-participant reliability was actually going to be less than the projected 40% previously modeled, since there would be a more frequent loss of carryover water. Mr. Stokes stated that the options available under the new water management options of the previously negotiated contract amendment are especially important due to this issue.

Chairman Friedman asked if there was any advantage to taking action in October, as opposed to waiting until the agreement in principal is complete. Mr. Stokes stated the advantage would be that CCWA could provide direction to the contract holder, the County of Santa Barbara, on CCWAs determination. The County of Santa Barbara would then be responsible for the final decision and communication to DWR. In response to a question from Mr. Wicks, Mr. Amerikaner explained that the popular vote passage of the approval of bringing

State Water to Santa Barbara County did not impact the ability of the County to take action on future contract negotiations without a popular vote.

Mr. Stokes noted that the City of Santa Barbara and Carpinteria Valley Water District have already determined not to participate in the project.

Following discussion, the Board agreed with Mr. Stokes' recommendation to have an agenda item to take action in October. Director Borah additionally asked for consideration of a special Board meeting in November due to the importance of the matter.

B. Suspended Table A Reacquisition and Request for Authorization to Hire CEQA Consultant

CCWA has made efforts to reacquire 12,214 AF of Table A water that was suspended, or set aside, by DWR on behalf of the Santa Barbara County Flood Control and Water Conservation District (the County) in the 1980's.

Five agencies within CCWA have executed contracts with CCWA to participate in the reacquisition of the suspended Table A and all costs to date to reacquire the water have been allocated to these five agencies.

City of Santa Maria	9,814 AF
Carpinteria Valley WD	1,000 AF
City of Guadalupe	600 AF
Santa Ynez ID#1	500 AF
City of Solvang	300 AF

CCWA has received a proposal from Environmental Science Associates (ESA) to prepare an EIR for the reacquisition of the suspended Table A. The estimated cost of the EIR report by ESA is \$293,962, which would be paid by those CCWA project participants who have elected to participate in the reacquisition of the suspended Table A.

Staff is estimating that an additional deposit of \$350,000 is needed to complete the next phase of the reacquisition, with \$293,962 for the CEQA consultant and the balance of \$56,038 for legal and other expenses. According to the "CCWA Suspended State Water Program Participation Agreement" the participants in the reacquisition are the entities responsible for making decisions for the reacquisition efforts.

Director Wicks requested the EIR include recommendations on storage alternatives, and Mr. Amerikaner noted that water storage was not considered in the scope of the CEQA review under discussion, and should be a separate matter for future discussion.

Mr. Stokes stated that the Montecito Water District had submitted its Suspended Table A Participation Agreement to participate in 1,000 AF of suspended Table A water. Director Rubalcaba, City of Guadalupe, stated that the City of Guadalupe had elected to withdraw its 600 AF request of the suspended Table A water and would no longer be participating in the reacquisition efforts.

Upon a motion by Director Waterfield, seconded by Director Burchardi and carried with Directors Friedman, Andrisek, Waterfield, Wicks and Burchardi in favor, none opposed and Directors Rubalcaba and Borah abstaining, the Board authorized staff to execute a contract with Environmental Science Associates (ESA) to prepare an Environmental Impact Report for the CCWA reacquisition of 12,214 AF of suspended Table A water, and to collect an additional \$350,000 in administrative costs from participating CCWA project participants for the CEQA consultant and additional legal fees.

C. State Water Contract Assignment Update

Mr. Stokes stated that discussions regarding the contract assignment with Santa Barbara County will be initiated at the staff level in the near future, with a goal to have the matter go before the Board of Supervisors before the end of the year. Mr. Tom Fayram, Santa Barbara County Water Resources Deputy Director, cautioned that the last Santa Barbara County Board of Supervisors meeting is scheduled for December 10.

D. CCWA Request to DWR for Cost Allocation Specialist at the San Joaquin Field Division

At its meeting on July 25, 2019, the CCWA Board of Directors authorized sending a letter to DWR requesting that DWR hire a "Cost Allocation Specialist" for the DWR San Joaquin Field Division (the DWR Field Division primarily responsible for the Coast Branch Facilities). The purpose of the request is to ensure the cost allocations at the San Joaquin Field Division are accurate and appropriate before they are included in the annual Statement of Charges to CCWA. A letter written by Mr. Stokes to DWR making the request was included in the meeting materials. Mr. Stokes stated that he will be meeting with DWR next week to discuss their proposal for resolving the matter, and he will update the CCWA next month.

In response to a question from Mr. McDonald, General Manager for Carpinteria Valley Water District, Mr. Stokes stated that discussion of CCWA assuming control of operations for DWR facilities located in Reach 33A was not currently under consideration.

E. Update on Lake Cachuma Bypass Piping Installation

Mr. John Brady, CCWA Deputy Director, provided an update on the realignment of the CCWA bypass piping at Bradbury Dam. The design of the bypass pipe has been approved by the United States Bureau of Reclamation with a 5 year contract of operation, which coincides with the remaining term of CCWA's Warren Act contract with the Bureau. The necessary items to complete the design have been ordered, and the existing pipe has been removed from the spillway, and the pipes have been stockpiled in preparation for the new installation. It is anticipated that the construction will take approximately 1-1/2 weeks, with a goal to complete the installation before the winter shutdown.

Mr. Nick Turner, General Manager of the Montecito Water District, informed the Board that during the period of non-operation to Lake Cachuma, Montecito Water District has been utilizing its State Water to repay water debt and satisfy the terms of the Exchange Agreement.

Mr. Brady stated that the bypass will change the delivery capacity to 18 cfs, from the 42 cfs allowed through the penstock.

F. Procurement of Santa Ynez Pumping Plant Electrical Switchboard Replacement Project

Mr. Brady provided an explanation of the need for the switchgear used to protect the electrical systems within the Santa Ynez Pumping Plant, and stated that CCWA retained the services to HDR Engineering to conduct an electrical evaluation of the electrical switchgear at the SYPP.

CCWA staff prepared a Request for Bids (RFB) using the design prepared by HDR Engineering for the SYPP Switchboard Replacement Project, and Mr. Brady reviewed the process to advertise the bids.

Sealed bids were received from two responding bidders, Smith Electric and Taft Electric Company totaled \$377,314 and \$308,368 respectively. The lower of the two bids, from Taft Electric, was submitted on an incorrect bid form, and Mr. Brady stated the bid should be rejected for that reason. However, the budget for the Santa Ynez Pumping Plant Switchboard Replacement Project (C-19SYPPEU) is \$236,250, and CCWA staff believes that it is in the best interest of CCWA to reject all bids due to all bids being substantially higher than the established budget. CCWA staff will also move forward with discussions with the project design engineering firm, HDR Engineering, to consider potential design changes that may help reduce the construction costs without compromising required functionality. In response to a question from Director Borah, Mr. Brady stated his expectation is that the cost associated with the design review will not impact the budget for the project, and if necessary transfers from other projects may be made later in the fiscal year if future bids indicate more funds are necessary.

Upon a motion by Director Borah, seconded by Director Rubalcaba and carried with all in favor and none opposed, the Board authorized the Executive Director to reject all bids for the Santa Ynez Pumping Plant Switchboard Replacement Project and return to HDR with a request to consider design changes to reduce the cost of the project.

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

Mr. Brady explained the Polonio Pass Water Treatment Plant has eight filters that utilize sand and granular activated carbon (GAC) as the filter media, and detailed the process requesting bids. Two bids were opened on Monday September 9, 2019: Carbon Activated Corporation in the amount of \$286,891.33 and Calgon Carbon Corporation in the amount of \$383,773.00.

Based on Staff's review, Carbon Activated Corporation was determined to be the lowest responsive bid and was also determined to be a responsible contractor. This contractor is the same contractor that was awarded the GAC Filter Media Replacement Project last year and they performed very well.

The budget for the GAC Filter Media Replacement Project (C-19GACFMR) is \$236,250 and the lowest responsive bid was \$286,891.33. To address the budget

shortfall of \$50,641.33 staff has identified a project that was cancelled in FY 18/19 with a budget of \$52,500 that can serve as a source of funds. Accordingly, staff is recommending to the Board that the funds from this cancelled project from FY 18/19 be carried over into FY 19/20 and transferred to the GAC Filter Media Replacement Project (C-19GACFMR).

Upon a motion by Director Waterfield, seconded by Director Wicks and carried with all in favor and none opposed, the Board authorized the Executive Director to carryover funds from the Filter Launderers Protective Coating Project (E-18FILTCT) in the amount of \$52,500 into FY 19/20 and transfer those funds to the GAC Filter Media Replacement Project (C-19GACFMR), and to award the Polonio Pass Water Treatment Plant GAC Filter Media Replacement contract to Carbon Activated Corporation as the lowest responsive and responsible Bidder.

H. Carryover of Project Funds from FY 2018/19 to FY 2019/20

Certain capital expenditures included in the FY 2018/19 budget were not expended due to timing and scheduling, and CCWA staff is requesting that these project funds be retained and carried over to the FY 18/19 budget so that the projects can be completed. Mr. Brady provided details and amounts of each project in the meeting materials, amounting to \$603,625.27 for Capitalized Projects and \$299,869.13 for Expensed Projects, for a total carryover of \$903,494.40.

Director Rubalcaba requested additional information in future reports related to carryover of project funds.

Following discussion, upon a motion by Director Borah, seconded by Director Andrisek and carried with all in favor and none opposed, the Board approved the carryover of project funds from FY 2018/19 to FY 2019/20 totaling \$903,494.40.

I. Request for Approval for the Use of Appropriated Contingency for Water Treatment Plant Blower Building Roof Repair

Mr. Brady explained that during a recent assessment of the metal roofs of the Water Treatment Plant buildings were found to be in need of maintenance work, including re-tightening roofing screws, re-application of sealant and other needed improvements, especially the WTP's Blower Building. This building houses the WTP's electrical switchgear equipment and the roof above the switchgear is compromised and will likely leak during a storm event.

It is imperative that the roof of the WTP Blower Building be repaired and serviced before the onset of winter. Water leaking through the roof and onto the WTP's electrical switchgear equipment may cause equipment damage and also creates a safety issue for staff. Accordingly, four competitive bids were solicited for the roof repair and service. The lowest responsive bid was GBT Sheet Metal Company for a cost of \$18,422.00.

Since this project was not included in the FY 19/20 budget, there is a need to identify funding for this project. The CCWA Budget includes an appropriated contingency fund, which is established at 2% of the total budget, excluding variable electrical and chemical budget amounts.

In response to a question from the Board regarding the discrepancy in the bid amounts, Mr. Brady explained the paucity of contractors in the area capable and willing to perform the work, and the different approaches by contractors to implement the requested work. He stated based on the estimates' descriptions, the discrepancies are justified.

Upon a motion by Director Wicks, seconded by Director Waterfield and carried with all in favor and none opposed, the Board authorized the Executive Director to utilize funds from the appropriated contingency budget for the repair of the WTP blower building roof and the maintenance service of the roofs of other WTP buildings.

J. Personnel Committee

1. CCWA Succession Planning – Accounting Staff

The retirement of CCWA's Controller at the end of this calendar year presents an opportunity to evaluate current staffing and assignment of duties in order to continue proper succession planning for CCWA. Current Accounting staff consists of a full-time Controller, a full-time Deputy Controller, and a part-time Accounting Technician. This proposal would replace the Deputy Controller position with the re-instated position of Senior Accountant.

Cross-training and redundancy is critical in order to meet CCWA's business needs without interruption. This proposal will allow for cross-training of the Senior Accountant to provide back-up to the Controller, as well as some Human Resources duties to provide back-up to our Office Manager and water accounting/reporting to assist the Deputy Director.

This proposal re-instates the position of Senior Accountant at Pay Grade 25 and leaves the position of Deputy Controller unfilled, resulting in an approximate annual savings of \$70,000. Because the current Controller is retiring at the middle of the Fiscal Year, this change is proposed to take place in January and would result in an approximate savings in the current Fiscal Year of \$35,000.

Upon a motion by Director Andrisek, seconded by Director Borah and carried with all in favor and none opposed, the Board approved re-instatement of the Senior Accountant position at Pay Grade 25.

K. Legislative Report

The legislative report was included in the meeting materials for the information of the Board, and Mr. Stokes provided an update on Senate Bill 1, which CCWA took an oppose position on. The bill did pass, but Governor Newsom has indicated he will veto the bill.

V. Reports from Board Members for Information Only

Director Burchardi informed the Board that water rights releases from Cachuma Lake would be commencing in the next week.

There were no reports from Board members.

VI. Items for Next Regular Meeting Agenda

VII. Date of Next Regular Meeting: October 24, 2019

Mr. Friedman requested a tentative date for the requested November Board meeting, and a date of November 14, 2019 was selected.

VIII. Adjournment

The meeting was adjourned at 11:06 AM.

Respectfully submitted,

Elizabeth Watkins
Secretary to the Board

CENTRAL COAST WATER AUTHORITY

Meeting: CCWA Board of Directors

Date: September 26, 2019

NAME	ORGANIZATION	TELEPHONE
ED ANDRISIK	City of Brenton	805-688-1496
Gina Rubalcaba	City of Guadalupe	805-264-5403
Etta Waterfield	City of San	805-711-1379
Harlan Burchardi	SYRWCD EOI	688 6015
Farfalla Borah	Soleta Water District	805-879-4621
Erni Friedman	City of Santa Brhr	
Tom FAYMAN	COUNTY SIB	805-568-3240
FRAN CRASE	COUNTY WATER AGENCY	805-528-3542
PETER GARCIA	SYRWCD, ID No.1	(805) 688-6015
Kevin Walsh	SYRWCD	
NICK DICROCE	WE WATCH	805-688-7813
SHAD SPRINGER	CITY OF SANTA MARIA	(805) 925-0951
MATT VANDERLINDEN	CITY OF SOLVANG	(805) 688-5575
Joshua Haggmark	City of Santa Barbara	(805) 564-5393
Cathy Taylor	City of Santa Barbara	(805) 564-5571
Shannon Sweeney	City of Guadalupe	(805) 356-3910
Dakota Corey	City of Santa Barbara	(805) 564-5369
LAURA MATHEWS	CCWA	(805) 688-2292
Lisa Hong	CCWA	" "
Bob McDonald	CUWA	805 640-5747
Nick Turner	MWD	805-969-2271

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



CENTRAL COAST WATER AUTHORITY

Agenda Item III.B.
Board of Directors
October 24, 2019

Normal and Recurring Costs

Bills for Ratification - September 2019

VENDOR	INVOICE AMOUNT	DESCRIPTION
GENERAL & ADMINISTRATIVE EXPENSES		
Bank of America Business Card	26.95	State Water Contractors - Travel and meetings
Bank of America Business Card	80.00	Pesticide Seminar
Bank of America Business Card	248.67	Staff meetings
Bank of America Business Card	281.00	Job Advertisement
Bank of America Business Card	410.55	Tri-State Training Expenses
Cardmember Service	2,011.07	State Water Contractors - Travel and meetings
Federal Express	539.18	Express shipping
Greybar	1,650.00	Instrument Controller Training
Healy, Richard	286.00	Reimbursable expense - Membership expense
Ladd, Brandon	105.00	Reimbursable expenses - Certification Renewal
Lee Central Coast Newspapers	159.00	Classified Ads - Notices
Mid-Coast Fire Protections	197.09	Postage machine - postage
Total Funds	200.00	Postage - postage machine
United Parcel Service	196.07	Shipping expenses
	\$ 6,390.58	Total General & Administrative
MONITORING EXPENSES		
Bank of America Business Card	125.52	Lab supplies
Culligan Industries Water Systems	85.00	Carbon Tank Rentals, Tri-Bed Tank Rentals
Eurofins Eaton Analytical	1,385.00	Lab testing
Hach Company	2,237.48	Lab supplies
IDEXX Distribution Corp.	1,936.32	Lab supplies
VWR International	213.97	Lab supplies
	\$ 5,983.29	Total Monitoring Expenses
OFFICE EXPENSES		
Bank of America Business Card	202.21	Office and kitchen supplies
Office Depot	544.06	Office, janitorial & kitchen supplies
Santa Ynez Valley Hardware	11.16	Office Supplies
Staples Inc.	205.01	Office, janitorial & kitchen supplies
Valley Oaks Printing	40.41	Business cards/Envelopes
	\$ 1,002.85	Total Office Expenses
OTHER EXPENSES		
American Marborg	280.12	Tank 2/EDV Rental
Bank of America Business Card	58.14	Computer miscellaneous expenses
Brownstein Hyatt Farber	90.00	Legal Services: Reacquisition of Relinquished Entitlement
Brownstein Hyatt Farber	360.00	Legal Services: Irvine Ranch Water Dist. Water Storage Program
Comcast	193.16	Internet Service
CompuVision	1,149.36	Intermapper Subscription Renewal
CompuVision	9,180.00	Managed Service Agreement (2 months)
De Lage Landen Financial Services	248.01	Copier Lease - BAO
Impulse Internet Services	2,107.16	T-1 System and Internet Service (Buellton and Shandon)
Mail Finance	442.65	Postage Machine Lease
Marborg Industries	280.09	Tank 5/Tank 7 Rental
Microwest Software Systems, Inc.	4,595.00	CMMS Maintenance and Support
Praxair Company	55.80	Gas tank
United Rentals North America, Inc.	1,945.35	Equipment Rental
Xerox Financial Services	213.62	Copier Lease - WTP
	\$ 21,198.46	Total Other Expenses



CENTRAL COAST WATER AUTHORITY

Normal and Recurring Costs

Bills for Ratification - September 2019

VENDOR	INVOICE AMOUNT	DESCRIPTION
OTHER MISCELLANEOUS EXPENSES		
Department of Water Resources	4,214,570.00	Variable OMP&R, Delta Water & Transport Charge
	<u>\$ 4,214,570.00</u>	Total Other Miscellaneous Expenses
PERSONNEL EXPENSES		
ACWA/JPIA	21,610.00	ACWA 2020 Dues
CalPERS Health	35,009.74	Health Insurance
CalPERS Retirement	31,945.04	Pension Contributions
CCWA Payroll Wages/Taxes	271,171.74	Gross Payroll Wages/Taxes
Dental/Vision Payments	6,225.33	Dental/Vision Benefits
Industrial Medical Group	365.00	Pre Employment Physical
MetLife SBC Insurance	1,017.10	Life Insurance
Other Misc Employee Benefits	9,147.06	Vehicle, Uniform and Cafeteria Plan Benefits
Standard Insurance Company	1,320.23	Disability Insurance
Swift, Mark	110.00	Reimbursable expense - Commerical License Physical
	<u>\$ 377,921.24</u>	Total Personnel Expenses
PROFESSIONAL SERVICES		
Brownstein Hyatt Farber	45.00	Legal Services-State Water Contract
Brownstein Hyatt Farber	540.00	Legal Services-State Water Contractors Extension/BDCP
Brownstein Hyatt Farber	5,320.99	Legal Services-DWR/SBCFCWCD Contract
Brownstein Hyatt Farber	5,460.44	Legal Services-General Meetings
Cardno, Inc.	3,863.10	Environmental Consulting
Credential Check Corporation	70.94	Background checks
Farwest Corrosion Control	3,326.50	Inspection of Exit Vault & Review of Annual Survey Data
Samba Holdings, Inc.	138.60	DMV driver reports
Sentry Alarm Systems	450.00	Security System - WTP
Stanley Convergent Security	1,157.37	Security Service BAO/SYPS
Underground Service Alert	92.50	New USA tickets
	<u>\$ 20,465.44</u>	Total Professional Services
CIP PROJECTS - MATERIALS & OVERHEAD		
CompuVision	8,848.14	New Phone Server
Farwest Corrosion Control	5,888.86	CP Rectifier Upgrade
HDR Engineering Inc	1,008.50	Bradbury Pipe Install Project
Home Depot	117.61	CP Rectifier Upgrade
Mid State Fence	34,200.00	Security Fencing Project
Nelson, Garrett	158.96	Reimbursable Expenses - CP Rectifier Upgrade
Ringcentral Inc.	124.36	New Phone Server
SLO County Newspapers	208.12	Granular Activated Carbon Filter Media Replacement - RFB
Smart Office Interiors	6,130.74	Ergonomic Furniture Replacement
	<u>\$ 56,685.29</u>	Total CIP Project - Materials and Overhead
REPAIRS & MAINTENANCE		
American Industrial Supply	177.03	Parts, repair and maintenance
Analytical Technology Inc.	1,735.28	Equipment repairs and maintenance
Bank of America Business Card	167.40	Vehicles repairs and maintenance
Bank of America Business Card	968.00	Equipment repairs and maintenance
Big Brand Tire & Service	202.40	Vehicle maintenance
City of Buellton	96.89	Landscape maintenance - water
Consolidated Electrical Distributors	3,250.31	Parts, repair and maintenance
Coverall North America, Inc	979.00	Janitorial service - BAO/SYPS



CENTRAL COAST WATER AUTHORITY

Normal and Recurring Costs

Bills for Ratification - September 2019

VENDOR	INVOICE AMOUNT	DESCRIPTION
Eagle Energy	435.54	Equipment repairs and maintenance
GFG Instrumentation Inc.	204.58	Equipment repairs and maintenance
Grainger Inc.	554.08	Parts, repair and maintenance
MCR Technologies, Inc.	2,524.80	Equipment repairs and maintenance
Office Depot	18.60	Janitorial supplies
Paso Robles Chevrolet	82.56	Vehicle maintenance
Precision Digital Corp	629.58	Equipment repairs and maintenance
Progressive Greenery	660.00	Landscape maintenance - WTP
Rio Vista Chevrolet	560.48	Vehicle maintenance
Staples	140.86	Janitorial Supplies
Ultrax Business Products	227.41	Copier maintenance
United Rentals North America, Inc.	350.74	Equipment repairs and maintenance
United Staffing Associates	1,149.12	Janitorial Service - WTP
Western Exterminator Co	211.00	Pest control spraying - BAO and SYPS
Zoom Imaging Solutions, Inc	71.83	Copier Maintenance
	\$ 15,397.49	Total Repairs & Maintenance
SUPPLIES & EQUIPMENT		
American Industrial Supply	30.98	Materials for repairs
Bank of America Business Card	14.71	Minor tools
Bank of America Business Card	123.54	Equipment & maintenance supplies
Bank of America Business Card	155.05	Safety supplies
Chemtrade Chemicals US, LLC	30,982.13	Chemicals - WTP
Consolidated Electrical Dist.	121.69	Maintenance supplies and hardware
Grainger Inc.	1,362.31	Minor tools, equipment & maintenance supplies, safety supplies
Home Depot	637.28	Minor tools, equipment & maintenance supplies
JCI Jones Chemical	54,906.70	Chemicals - WTP
Lowe's	193.75	Maintenance supplies and hardware
Sterling Water Technologies, LLC	593.09	Chemicals - WTP
Univar USA, Inc.	1,239.96	Chemicals - WTP
WEX Bank - Wright Express	5,214.44	Fuel - Autos
	\$ 95,575.63	Total Supplies & Equipment
UTILITIES		
Bank of America Business Card	46.83	Telephone conference charge
City of Buellton	185.84	Water - BAO
First Choice Technology	24.65	Phone - Long distance carrier, 800#
Frontier	280.62	Telephone charges
Health Sanitation Services	249.12	Waste Disposal - SYPS
Marborg Industries	569.60	Waste Disposal - BAO
Pacific Gas & Electric	21,657.83	Utilities - BAO/SYPS/WTP
San Miguel Garbage Company	225.02	Waste Disposal - WTP
Santa Ynez River Water Conservation	170.55	Water - SYPS
Surfnet Communications, Inc.	75.00	Wireless Internet - Chorro
The Gas Company	4.08	Natural Gas - BAO
Verizon Wireless	35.86	New cell phone
Verizon Wireless	371.18	Cell phone charges
	\$ 23,896.18	Total Utilities
Subtotal - Bills for Ratification	\$4,839,086.45	



CENTRAL COAST WATER AUTHORITY

Bills for Approval

VENDOR	INVOICE AMOUNT	DESCRIPTION
State of California DWR	\$ 2,599,944.00	Capital Cost and Minimum OMP&R Charges -Oct'19
Subtotal - Bills for Approval	\$ 2,599,944.00	
Total Ratification and Approval Bills	\$ <u>7,439,030.45</u>	

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Agenda Item III.C.
Board of Directors
October 24, 2019
**Statements of
Net Position**

ASSETS

	<u>September 30, 2019</u>	<u>August 31, 2019</u>
Current Assets		
Cash and investments	\$ 12,023,452	\$ 12,527,750
Accounts Receivable (Note 1)	15,500	21,510
Accrued interest receivable	571,355	434,261
Other assets	1,633,526	1,635,653
Total Current Assets	<u>14,243,833</u>	<u>14,619,175</u>
Restricted Assets		
Cash and investments with fiscal agents	9,881,562	-
<u>Investment Accounts</u>		
Operations and Maintenance Reserve Fund (Note 2)	2,127,367	2,126,170
DWR Reserve Fund (Note 3)	792,735	792,376
Rate Coverage Reserve Fund (Note 4)	9,349,372	9,344,114
Debt Service Payments (Note 5)	562,909	10,440,309
Department of Water Resources (Note 6a)	33,276,996	37,127,587
Credits Payable (Note 7)	286,971	286,705
Escrow Deposits (Note 8)	517,942	517,665
Total Restricted Assets	<u>56,795,854</u>	<u>60,634,927</u>
Property, Plant and Equipment		
Construction in progress (Note 9)	935,033	877,460
Fixed assets (net of accumulated depreciation)	91,544,275	91,739,046
Total Property, Plant and Equipment	<u>92,479,308</u>	<u>92,616,506</u>
Other Assets		
Unamortized bond issuance costs (Note 10)	463,326	490,272
Long term receivable (Note 11)	2,480,119	2,480,119
Total Other Assets	<u>2,943,444</u>	<u>2,970,391</u>
Total Assets	<u>\$ 166,462,439</u>	<u>\$ 170,840,999</u>

Central Coast Water Authority

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Statements of Net Position

LIABILITIES AND FUND EQUITY

	<u>September 30, 2019</u>	<u>August 31, 2019</u>
<u>Current Liabilities</u>		
Accounts Payable	\$ 131,924	\$ 281,051
DWR and Warren Act Charge Deposits (Note 6a)	33,276,998	37,127,589
CCWA Variable Charge Deposits (Note 6b)	147,862	518,047
Accrued interest payable	721,751	601,460
Other liabilities	596,718	609,835
Rate Coverage Reserve Fund	792,735	792,376
DWR Reserve Fund	9,282,145	9,282,145
Unearned Revenue	66,952	66,952
Credits Payable to Project Participants	1,618,030	1,601,250
Total Current Liabilities	<u>46,635,116</u>	<u>50,880,705</u>
<u>Non-Current Liabilities</u>		
Bonds payable (Note 12)	28,870,000	28,870,000
Bond Original Issue Premium, net	1,242,077	1,314,315
OPEB Liability	970,227	970,227
Escrow Deposits	517,942	517,665
Net Pension Liability	3,494,467	3,494,467
Total Non-Current Liabilities	<u>35,094,712</u>	<u>35,166,675</u>
<u>Commitments and Uncertainties</u>		
<u>Net Assets</u>		
Contributed capital, net (Note 13)	22,562,433	22,562,433
Retained earnings	62,170,178	62,231,186
Total Net Assets	<u>84,732,611</u>	<u>84,793,619</u>
Total Liabilities and Net Assets	<u>\$ 166,462,439</u>	<u>\$ 170,840,999</u>



Statements of Revenues, Expenses and Changes in Net Position

	<u>September 30, 2019</u>	<u>August 31, 2019</u>
<u>Operating Revenues</u>		
Operating reimbursements		
from project participants	\$ 21,387,098	\$ 20,757,236
Other revenues	11,293	6,266
Total Operating Revenues	21,398,391	20,763,501
<u>Operating Expenses</u>		
Personnel expenses	1,346,420	977,999
Office expenses	3,124	2,121
General and administrative	58,947	42,623
Professional services	27,915	6,626
Supplies and equipment	277,437	181,774
Monitoring expenses	17,027	11,176
Repairs and maintenance	49,269	33,739
Utilities	67,905	44,009
Depreciation and amortization	409,343	273,096
Other expenses	215,255	181,574
Total Operating Expenses	2,472,642	1,754,736
Operating Income	18,925,749	19,008,765
<u>Non-Operating Revenues</u>		
Investment income	559,306	379,486
Total Non-Operating Revenues	559,306	379,486
<u>Non-Operating Expenses</u>		
Interest	360,875	240,583
Current year credits payable	(71,110)	(108,632)
Total Non-Operating Expenses	289,765	131,952
Net Income	19,195,290	19,256,299
<u>Retained Earnings</u>		
Retained earnings at beginning of period	42,974,887	42,974,887
Retained earnings at end of period	\$ 62,170,178	\$ 62,231,186

Central Coast Water Authority
Notes to Financial Statements
September 30, 2019

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	\$ 28,442
City of Santa Maria	837,739
Golden State Water Company	25,856
Vandenberg AFB	390,966
City of Buellton	29,890
Santa Ynez ID #1 (Solvang)	77,568
Santa Ynez ID #1	25,856
Goleta Water District	232,711
Morehart Land Co.	10,342
La Cumbre Mutual Water Company	51,706
Raytheon Systems Company	2,586
City of Santa Barbara	155,137
Montecito Water District	155,140
Carpinteria Valley Water District	103,427
TOTAL:	<u>\$ 2,127,367</u>

Central Coast Water Authority
Notes to Financial Statements
September 30, 2019

Note 3: DWR Reserve Fund

The DWR Reserve Fund was established to provide a funding source for payments to the State of California Department of Water Resources (DWR) when there is a difference between estimates used to prepare the DWR portion of the annual CCWA budget and the actual amounts billed to the Authority by DWR. Contributions to the DWR Reserve Fund are voluntary. Funding of each participating Project Participant's share of the DWR Reserve Fund will come from a combination of (1) CCWA Operating Expense budget surpluses, if any (2) Interest earnings on funds held in all other accounts on behalf of the participating Project Participant and (3) excess amounts, if any, from any of the DWR Statement of Charges cost components until the funding Target Amount is reached. The Target Amount will be equal to the participating Project Participant's proportional share of a \$10 million allocation of DWR Transportation Minimum OMP&R charges. The following schedule shows the current fund balance of the participating Project Participant's.

Project Participant	Amount
City of Guadalupe	8,399
City of Santa Maria	460,382
Golden State Water Company	14,808
City of Buellton	\$ 27,111
Santa Ynez ID #1 (Solvang)	62,655
Santa Ynez ID #1	128,421
Morehart Land Co.	10,754
La Cumbre Mutual Water Company	26,250
Raytheon Systems Co.	2,714
City of Santa Barbara	51,240
TOTAL:	\$ 792,735

Note 4: 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	\$ 192,990
City of Santa Maria	5,053,323
City of Buellton	277,722
Santa Ynez ID #1 (Solvang)	618,238
Santa Ynez ID #1	465,739
La Cumbre Mutual Water Company	404,498
Montecito Water District	1,473,492
Carpinteria Valley Water District	848,007
Shandon	15,364
TOTAL:	\$ 9,349,372

Central Coast Water Authority
Notes to Financial Statements
September 30, 2019

Note 5: 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	\$ 657
California Men's Colony	5,743
County of SLO	6,118
Cuesta College	2,872
Morro Bay	37,056
Oceano	4,801
Pismo Beach	7,934
Shandon	650
Guadalupe	8,186
Buellton	14,561
Santa Ynez (Solvang)	43,408
Santa Ynez	16,302
Goleta	136,818
Morehart Land	6,385
La Cumbre	30,155
Raytheon	1,365
Santa Barbara	84,107
Montecito	99,141
Carpinteria	56,651
TOTAL:	\$ 562,909

Central Coast Water Authority
Notes to Financial Statements
September 30, 2019

Note 6a: 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	\$ 430,160
City of Santa Maria	12,089,577
Golden State Water Company	373,998
Vandenberg AFB	5,464,947
City of Buellton	431,039
Santa Ynez ID #1 (Solvang)	1,134,155
Santa Ynez ID #1	531,329
Goleta Water District	4,079,084
Morehart Land Co.	140,971
La Cumbre Mutual Water Company	834,897
Raytheon Systems Co.	38,624
City of Santa Barbara	3,151,672
Montecito Water District	2,917,662
Carpinteria Valley Water District	1,658,883
TOTAL:	<u>\$ 33,276,996</u>

Note 6b: Cash Payments for CCWA Variable Charges

Cash deposits for payments to CCWA for Variable Assessments.

Project Participant	Amount
City of Guadalupe	\$ -
City of Santa Maria	-
Golden State Water Company	-
Vandenberg AFB	16,783
City of Buellton	-
Santa Ynez ID #1 (Solvang)	-
Santa Ynez ID #1	9,546
Goleta Water District	116,151
Morehart Land Co.	284
La Cumbre Mutual Water Company	-
Raytheon Systems Co.	5,097
City of Santa Barbara	-
Montecito Water District	-
Carpinteria Valley Water District	-
Shandon	-
Lopez Turnout	-
Chorro Turnout	-
TOTAL:	<u>\$ 147,862</u>

Central Coast Water Authority
Notes to Financial Statements
September 30, 2019

Note 7: Credits Payable

Credits payable to, or (due from) CCWA project participants for investment earnings and O&M assessment credits.

Project Participant	Amount
City of Guadalupe	\$ (1)
City of Santa Maria	1,103
Golden State Water Company	51
Vandenberg AFB	281,253
City of Buellton	84
Santa Ynez ID #1 (Solvang)	191
Santa Ynez ID #1	2,543
Goleta Water District	104
Morehart Land Co.	10
La Cumbre Mutual Water Company	54
Raytheon Systems Co.	3
City of Santa Barbara	56
Montecito Water District	1,166
Carpinteria Valley Water District	45
Shandon	(4)
Lopez Turnout	121
Chorro Turnout	191
TOTAL:	<u>\$ 286,971</u>

Note 8: Escrow Deposits

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

Project Participant	Amount
Morehart Land Company	\$ 408,908
Raytheon Systems Company	109,033
TOTAL:	<u>\$ 517,942</u>

Note 9: Construction in Progress

Amounts in construction in progress represent expenditures incurred during FY 2018/19 and amounts retained in construction in progress at June 30, 2018. The following schedule shows the CIP expenditures for CCWA projects.

Financial Reach	Amount
Labor	\$ 100,001
Materials	689,056
Overhead	145,975
Project CIP Total:	<u>\$ 935,033</u>

Central Coast Water Authority
Notes to Financial Statements
September 30, 2019

Note 10: 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 11: 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	\$ 5,671
California Men's Colony	126,663
County of SLO	135,079
Cuesta College	63,337
Morro Bay	968,922
Oceano	38,633
Pismo Beach	63,785
Shandon	4,613
Guadalupe	164,733
Buellton	26,813
Santa Ynez (Solvang)	71,523
Santa Ynez	31,694
Goleta	407,199
Morehart Land	1,875
La Cumbre	9,373
Raytheon	2,475
Santa Barbara	88,896
Montecito	141,420
Carpinteria	127,414
TOTAL:	\$ 2,480,119

Note 12: Bonds Payable

Bonds payable represents outstanding Series 2016-A revenue bonds outstanding. The next Series 2016-A principal payment is due on October 1, 2019 in the amount of \$9,160,000.

Central Coast Water Authority
Notes to Financial Statements
September 30, 2019

Note 13: 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

	September 30, 2019		
	<u>Budget</u>	<u>Actual</u>	<u>Percent Expended ⁽¹⁾</u>
<u>Operating Revenues</u>			
Fixed operating assessments ⁽²⁾	\$ 10,029,748	10,029,748	100.00%
Variable operating assessments	3,259,787	2,199,686	67.48%
Other revenues	-	-	N/A
Non-annual recurring revenues	-	-	N/A
Total Operating Revenues	<u>13,289,535</u>	<u>12,229,434</u>	<u>92.02%</u>
<u>Operating Expenses ⁽²⁾</u>			
Personnel expenses	5,201,852	1,346,420	25.88%
Office expenses	20,500	3,124	15.24%
General and administrative	309,710	58,947	19.03%
Professional services	432,843	27,915	6.45%
Supplies and equipment	2,297,803	277,437	12.07%
Monitoring expenses	105,604	17,027	16.12%
Repairs and maintenance	285,620	49,269	17.25%
Utilities	1,331,312	67,905	5.10%
Depreciation and amortization	-	-	N/A
Other expenses	1,547,670	215,255	13.91%
Total Operating Expenses	<u>11,532,913</u>	<u>2,063,299</u>	<u>17.89%</u>
Operating Income	<u>1,756,622</u>	<u>10,166,135</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>\$ 1,756,622</u>	<u>10,166,135</u>	

(1) Percent of year expended: 25%

(2) Includes revenues and expenses for Turnouts and adjusted for carryover revenues from FY 2018/19 to FY 2019/20



Budget and Actual Administration

	September 30, 2019		
	Budget	Actual	Percent Expended ⁽¹⁾
Operating Revenues			
Fixed operating assessments ⁽²⁾	\$ 1,868,217	\$ 1,868,217	100.00%
Variable operating assessments	-	-	N/A
Other revenues	-	-	N/A
Non-annual recurring revenues	-	-	N/A
Total Operating Revenues	1,868,217	1,868,217	100.00%
Operating Expenses ⁽²⁾			
Personnel expenses	991,469	290,564	29.31%
Office expenses	10,500	1,967	18.73%
General and administrative	202,460	35,780	17.67%
Professional services	254,171	17,165	6.75%
Supplies and equipment	-	17	N/A
Monitoring expenses	-	-	N/A
Repairs and maintenance	29,935	4,936	16.49%
Utilities	15,203	4,294	28.24%
Depreciation and amortization	-	-	N/A
Other expenses	252,898	36,447	14.41%
Total Operating Expenses	1,756,637	391,170	22.27%
Operating Income	111,580	1,477,047	
Non-Operating Revenues			
Investment Income	-	-	
Total Non-Operating Revenues	-	-	
Non-Operating Expenses			
Current Year credits payable	-	-	
Total Non-Operating Expenses	-	-	
Net Income (Loss)	\$ 111,580	1,477,047	

(1) Percent of year expended: 25%

(2) Includes revenues and expenses for Turnouts and adjusted

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for carryover revenues from FY 2018/19 to FY 2019/20



Budget and Actual Water Treatment Plant

	September 30, 2019		
	Budget	Actual	Percent Expended ⁽¹⁾
<u>Operating Revenues</u>			
Fixed operating assessments ⁽²⁾	\$ 4,498,633	4,498,633	100.00%
Variable operating assessments	2,198,977	1,511,251	68.73%
Other revenues	-	-	N/A
Non-annual recurring revenues	-	-	N/A
Total Operating Revenues	6,697,610	6,009,884	89.73%
<u>Operating Expenses ⁽²⁾</u>			
Personnel expenses	2,477,227	614,796	24.82%
Office expenses	6,000	708	11.79%
General and administrative	73,000	16,896	23.15%
Professional services	75,239	5,717	7.60%
Supplies and equipment	2,194,892	258,248	11.77%
Monitoring expenses	105,604	17,027	16.12%
Repairs and maintenance	166,485	29,817	17.91%
Utilities	188,801	46,412	24.58%
Depreciation and amortization	-	-	N/A
Other expenses	525,576	49,261	9.37%
Total Operating Expenses	5,812,823	1,038,883	17.87%
Operating Income	884,787	4,971,002	
<u>Non-Operating Revenues</u>			
Interest income	-	-	
Total Non-Operating Revenues	-	-	
<u>Non-Operating Expenses</u>			
Interest	-	-	
Total Non-Operating Expenses	-	-	
Net Income (Loss)	\$ 884,787	4,971,002	

(1) Percent of year expended: 25%

(2) Includes revenues and expenses for Turnouts and adjusted

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for carryover revenues from FY 2018/19 to FY 2019/20

Central Coast Water Authority
Polonio Pass Water Treatment Plant
Fixed and Variable Cost per Acre-Foot
September 30, 2019

WTP Fixed O&M Costs	July 2019	Aug. 2019	Sept. 2019	Total for Year
Fixed O&M Expenses	\$ 334,149	\$ 213,877	\$ 219,798	\$ 767,824
Annual Table A Amount ⁽¹⁾	43,908	43,908	43,908	43,908
Fixed WTP Cost per AF	<u>\$ 7.61</u>	<u>\$ 4.87</u>	<u>\$ 5.01</u>	<u>\$ 17.49</u>
WTP Variable O&M Costs				
Variable O&M Expenses	\$ 77,325	\$ 98,037	\$ 95,697	\$ 271,058
Actual Water Treated	2,486	2,463	2,250	7,199
Variable WTP Cost per AF	<u>\$ 31.10</u>	<u>\$ 39.80</u>	<u>\$ 42.53</u>	<u>\$ 37.65</u>
(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

	September 30, 2019		
	Budget	Actual	Percent Expended ⁽¹⁾
<u>Operating Revenues</u>			
Fixed operating assessments ⁽²⁾	\$ 366,691	366,691	100.00%
Variable operating assessments	-	-	N/A
Other revenues	-	-	N/A
Total Operating Revenues	366,691	366,691	100.00%
<u>Operating Expenses ⁽²⁾</u>			
Personnel expenses	222,268	61,062	27.47%
Office expenses	513	58	11.24%
General and administrative	4,392	804	18.30%
Professional services	13,265	585	4.41%
Supplies and equipment	13,198	2,468	18.70%
Monitoring expenses	-	-	N/A
Repairs and maintenance	11,439	1,736	15.18%
Utilities	8,528	736	8.63%
Depreciation and amortization	-	-	N/A
Other expenses	25,815	35,012	135.63%
Total Operating Expenses	299,417	102,461	34.22%
Operating Income	67,273	264,230	
<u>Non-Operating Revenues</u>			
Interest income	-	-	
Total Non-Operating Revenues	-	-	
<u>Non-Operating Expenses</u>			
Interest	-	-	
Total Non-Operating Expenses	-	-	
Net Income (Loss)	\$ 67,273	264,230	

(1) Percent of year expended: 25%

(2) Includes revenues and expenses for Turnouts and adjusted

for carryover revenues from FY 2018/19 to FY 2019/20



Budget and Actual Santa Ynez I

	September 30, 2019		
	Budget	Actual	Percent Expended ⁽¹⁾
<u>Operating Revenues</u>			
Fixed operating assessments ⁽²⁾	\$ 635,277	635,277	100.00%
Variable operating assessments	-	-	N/A
Other revenues	-	-	N/A
Total Operating Revenues	635,277	635,277	100.00%
<u>Operating Expenses</u> ⁽²⁾			
Personnel expenses	312,860	78,315	25.03%
Office expenses	722	81	11.24%
General and administrative	6,183	1,132	18.31%
Professional services	18,671	824	4.41%
Supplies and equipment	18,577	3,468	18.67%
Monitoring expenses	-	-	N/A
Repairs and maintenance	16,102	2,128	13.22%
Utilities	12,004	1,819	15.16%
Depreciation and amortization	-	-	N/A
Other expenses	76,026	4,533	5.96%
Total Operating Expenses	461,145	92,301	20.02%
Operating Income	174,132	542,976	
<u>Non-Operating Revenues</u>			
Interest income	-	-	
Total Non-Operating Revenues	-	-	
<u>Non-Operating Expenses</u>			
Interest	-	-	
Total Non-Operating Expenses	-	-	
Net Income (Loss)	\$ 174,132	542,976	

(1) Percent of year expended: 25%

(2) Includes revenues and expenses for Turnouts and adjusted

for carryover revenues from FY 2018/19 to FY 2019/20



Budget and Actual Santa Ynez II

	September 30, 2019		
	Budget	Actual	Percent Expended ⁽¹⁾
Operating Revenues			
Fixed operating assessments ⁽²⁾	\$ 1,186,914	1,186,914	100.00%
Variable operating assessments	1,060,810	688,435	64.90%
Other revenues	-		N/A
Total Operating Revenues	2,247,724	1,875,349	83.43%
Operating Expenses ⁽²⁾			
Personnel expenses	449,302	115,033	25.60%
Office expenses	1,037	117	11.24%
General and administrative	8,879	1,625	18.30%
Professional services	26,814	1,654	6.17%
Supplies and equipment	26,679	4,970	18.63%
Monitoring expenses	-	-	N/A
Repairs and maintenance	23,124	3,814	16.49%
Utilities	1,078,049	7,049	0.65%
Depreciation and amortization	-	-	N/A
Other expenses	279,840	36,261	12.96%
Total Operating Expenses	1,893,723	170,523	9.00%
Operating Income	354,001	1,704,826	
Non-Operating Revenues			
Interest income	-	-	
Total Non-Operating Revenues	-	-	
Non-Operating Expenses			
Interest	-	-	
Total Non-Operating Expenses	-	-	
Net Income (Loss)	\$ 354,001	1,704,826	

(1) Percent of year expended: 25%

(2) Includes revenues and expenses for Turnouts and adjusted

for carryover revenues from FY 2018/19 to FY 2019/20



Budget and Actual Reach 33B

September 30, 2019			
	Budget	Actual	Percent Expended ⁽¹⁾
<u>Operating Revenues</u>			
Fixed operating assessments ⁽²⁾	\$ 747,465	747,465	100.00%
Variable operating assessments	-	-	N/A
Other revenues	-	-	N/A
Total Operating Revenues	747,465	747,465	100.00%
<u>Operating Expenses</u> ⁽²⁾			
Personnel expenses	346,171	81,485	23.54%
Office expenses	799	90	11.24%
General and administrative	6,841	1,252	18.30%
Professional services	20,659	911	4.41%
Supplies and equipment	20,555	3,820	18.58%
Monitoring expenses	-	-	N/A
Repairs and maintenance	17,816	1,098	6.16%
Utilities	13,282	2,418	18.21%
Depreciation and amortization	-	-	N/A
Other expenses	197,842	48,075	24.30%
Total Operating Expenses	623,966	139,149	22.30%
Operating Income	123,500	608,316	
<u>Non-Operating Revenues</u>			
Interest income	-	-	
Total Non-Operating Revenues	-	-	
<u>Non-Operating Expenses</u>			
Interest	-	-	
Total Non-Operating Expenses	-	-	
Net Income (Loss)	\$ 123,500	608,316	

(1) Percent of year expended: 25%

(2) Includes revenues and expenses for Turnouts and adjusted
 #####
 for carryover revenues from FY 2018/19 to FY 2019/20



Budget and Actual Reach 34

	September 30, 2019		
	Budget	Actual	Percent Expended ⁽¹⁾
<u>Operating Revenues</u>			
Fixed operating assessments ⁽²⁾	\$ 249,039	249,039	100.00%
Variable operating assessments	-	-	N/A
Other revenues	-	-	N/A
Total Operating Revenues	249,039	249,039	100.00%
<u>Operating Expenses ⁽²⁾</u>			
Personnel expenses	167,480	42,021	25.09%
Office expenses	387	43	11.24%
General and administrative	3,310	606	18.30%
Professional services	9,995	441	4.41%
Supplies and equipment	9,945	1,848	18.58%
Monitoring expenses	-	-	N/A
Repairs and maintenance	8,620	2,215	25.70%
Utilities	6,426	1,796	27.95%
Depreciation and amortization	-	-	N/A
Other expenses	19,452	2,479	12.74%
Total Operating Expenses	225,613	51,449	22.80%
Operating Income	23,426	197,590	
<u>Non-Operating Revenues</u>			
Interest income	-	-	
Total Non-Operating Revenues	-	-	
<u>Non-Operating Expenses</u>			
Interest	-	-	
Total Non-Operating Expenses	-	-	
Net Income (Loss)	\$ 23,426	197,590	

(1) Percent of year expended: 25%

(2) Includes revenues and expenses for Turnouts and adjusted

for carryover revenues from FY 2018/19 to FY 2019/20



Budget and Actual Reach 35

	September 30, 2019		
	Budget	Actual	Percent Expended ⁽¹⁾
Operating Revenues			
Fixed operating assessments ⁽²⁾	\$ 162,220	162,220	100.00%
Variable operating assessments	-	-	N/A
Non-annual recurring revenues	-	-	N/A
Other revenues	-	-	N/A
Total Operating Revenues	<u>162,220</u>	<u>162,220</u>	<u>100.00%</u>
Operating Expenses ⁽²⁾			
Personnel expenses	110,285	26,131	23.69%
Office expenses	255	29	11.24%
General and administrative	2,179	399	18.30%
Professional services	6,582	290	4.41%
Supplies and equipment	6,548	1,217	18.58%
Monitoring expenses	-	-	N/A
Repairs and maintenance	5,676	350	6.16%
Utilities	4,231	485	11.47%
Depreciation and amortization	-	-	N/A
Other expenses	12,809	1,493	11.65%
Total Operating Expenses	<u>148,565</u>	<u>30,393</u>	<u>20.46%</u>
Operating Income	<u>13,654</u>	<u>131,827</u>	
Non-Operating Revenues			
Interest income	-	-	
Total Non-Operating Revenues	<u>-</u>	<u>-</u>	
Non-Operating Expenses			
Interest	-	-	
Total Non-Operating Expenses	<u>-</u>	<u>-</u>	
Net Income (Loss)	<u>\$ 13,654</u>	<u>131,827</u>	

(1) Percent of year expended: 25%

(2) Includes revenues and expenses for Turnouts and adjusted

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for carryover revenues from FY 2018/19 to FY 2019/20



Budget and Actual Reach 37

	September 30, 2019		
	Budget	Actual	Percent Expended ⁽¹⁾
<u>Operating Revenues</u>			
Fixed operating assessments ⁽²⁾	\$ 70,133	70,133	100.00%
Variable operating assessments	-	-	N/A
Non-annual recurring revenues	-	-	N/A
Other revenues	-	-	N/A
Total Operating Revenues	70,133	70,133	100.00%
<u>Operating Expenses</u> ⁽²⁾			
Personnel expenses	47,283	11,180	23.65%
Office expenses	109	12	11.34%
General and administrative	934	172	18.45%
Professional services	2,822	125	4.45%
Supplies and equipment	2,808	526	18.74%
Monitoring expenses	-	-	N/A
Repairs and maintenance	2,434	151	6.21%
Utilities	1,814	145	8.00%
Depreciation and amortization	-	-	N/A
Other expenses	5,492	645	11.75%
Total Operating Expenses	63,695	12,958	20.34%
Operating Income	6,438	57,175	
<u>Non-Operating Revenues</u>			
Interest income	-	-	
Total Non-Operating Revenues	-	-	
<u>Non-Operating Expenses</u>			
Interest	-	-	
Total Non-Operating Expenses	-	-	
Net Income (Loss)	\$ 6,438	57,175	

(1) Percent of year expended: 25%

(2) Includes revenues and expenses for Turnouts and adjusted

for carryover revenues from FY 2018/19 to FY 2019/20



Budget and Actual Reach 38

	September 30, 2019		
	Budget	Actual	Percent Expended ⁽¹⁾
<u>Operating Revenues</u>			
Fixed operating assessments ⁽²⁾	\$ 114,934	114,934	100.00%
Variable operating assessments	-	-	N/A
Non-annual recurring revenues	-	-	N/A
Other revenues	-	-	N/A
Total Operating Revenues	114,934	114,934	100.00%
<u>Operating Expenses</u> ⁽²⁾			
Personnel expenses	77,507	20,555	26.52%
Office expenses	179	20	11.23%
General and administrative	1,532	280	18.30%
Professional services	4,626	204	4.41%
Supplies and equipment	4,602	855	18.58%
Monitoring expenses	-	-	N/A
Repairs and maintenance	3,989	1,100	27.57%
Utilities	2,974	236	7.93%
Depreciation and amortization	-	-	N/A
Other expenses	9,002	1,049	11.65%
Total Operating Expenses	104,411	24,299	23.27%
Operating Income	10,524	90,636	
<u>Non-Operating Revenues</u>			
Interest income	-	-	
Total Non-Operating Revenues	-	-	
<u>Non-Operating Expenses</u>			
Interest	-	-	
Total Non-Operating Expenses	-	-	
Net Income (Loss)	\$ 10,524	90,636	

(1) Percent of year expended: 25%

(2) Includes revenues and expenses for Turnouts and adjusted

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for carryover revenues from FY 2018/19 to FY 2019/20




CENTRAL COAST WATER AUTHORITY

MEMORANDUM

October 16, 2019

TO: CCWA Board of Directors

FROM: John Brady 
Deputy Director, Operations and Engineering

SUBJECT: Operations Report, July, August and September 2019

The Polonio Pass Water Treatment Plant's production and chemical costs, as well as the Santa Ynez Pumping Plant production for July, August and September 2019 are presented below:

Month	Plant Production (AF)	Chemical Costs (\$/AF)	SYPP Pumping (AF)
July 2019	2,602.72	\$30.19	0
August 2019	2,586.48	\$31.58	0
September 2019	2,349.47	\$31.88	0

WATER TREATMENT PLANT (WTP)

- WTP staff assisted DWR's Municipal Water Quality Investigation (MWQI) Program with developing the scope of work for the Delta Watershed Sanitary Survey and participating with the selection of the Sanitary Survey Consultant. WTP staff is on the MWQI Delta Sanitary Survey Committee, which will supervise and direct work on the Sanitary Survey.
- Taste and odor water quality monitoring was initiated. In late September, MIB was detected as high as 8 ng/l, which is below the CCWA action level of 10 ng/l. However, the City of Morro Bay and Santa Maria received customer complaints and reported them to CCWA. Powdered Activated Carbon treatment was initiated to address the issue.
- WTP staff participated in a stakeholder meeting dealing with draft regulations addressing water loss from wholesale water purveyors. The meeting was convened by DWR.
- WTP solicited competitive bids for the replacement of granular active carbon filter media for Filters #4 and #6 and following Board approval, issued a Notice of Award to Carbon Activated as the lowest responsive bid at \$286,891.
- A cricket infestation occurred within the WTP buildings and grounds. To address the issue, a pest control contractor was retained to control the cricket infestation, with numerous controls to minimize the use of pesticides.
- The Maintenance staff completed the following items: (1) repairing chemical dosing pumps (2) repaired and serviced eye-wash stations, emergency lighting and wind socks on WTP grounds, (3) trouble shooting and repairing the waste wash water pump level sensor, associated wiring and display, (4) continued LED replacements in area lighting, (5) ventilator and fan service and repair, (6) servicing the laboratory lime stone pit, (7) completed quarterly hoist and lifting equipment safety certification and maintenance, (8) repaired discharge valve actuator of the backwash pump, (9) calibrated and tuned the auxiliary and master backwash valves, (10) assembled the specifications for the Lagoon A valve replacement project, (11) blower and air compressor maintenance, (12) replaced the backup battery pack of the WTP main gate actuator, (13) completed maintenance work on the chlorine equipment, (14) installed the new autoclave for the laboratory, (15) worked on the wiring interlock for the WTP blower, (16) serviced pavement crack sealer, (17) repaired mower and fabricated

pump skid for use in fire watch during mowing operation, (18) vertical pump maintenance, Equalization Basin maintenance and (20) inspection of plant ground, fuel tank and vaults

DISTRIBUTION

- The design for a new bypass pipeline alignment over the top of Bradbury Dam was approved by the US Bureau of Reclamation. Distribution staff removed all piping and other materials from the spillway and stockpiled them for use in constructing the pipeline over the top of dam. Construction will proceed once the long lead items have been delivered.
- Distribution staff supervised the field work for the Santa Ynez Pumping Plant, Tank 2 and Tank 5 Slurry Seal Project. All slurry seal work was completed in early July.
- Security fencing was installed at Santa Ynez, Solvang, Vandenberg Air Force Base and Lopez Turnouts. Distribution staff performed construction observations and coordinated with the contractor. The home owners association near Lopez Turnout was briefed on the project and periodically updated as they requested.
- Distribution staff reviewed as-built construction drawings for the Lopez Turnout to consider the replacement of the Turnout Sleeve Valve. HDR Engineering was consulted to provide insight into why a Sleeve Valve was selected for the turnout and to provide input on other valves that may provide a wider range of flow rates. This measure is to accommodate San Luis Obispo County's interest in maximizing flow in the turnout in the future.
- An Encroachment Permit was issued to the Sanja De Cota Winery for a utility crossing of the CCWA easement.
- Design work was initiated for the repair of the corroding riser pipes of the Air Release/Vacuum Release (ARVR) Valves. The design work included physical inspections of the identified risers by a certified corrosion engineer. Approximately 23 ARAV risers will need some level of repair.
- The 2018 Close Interval Survey monitoring data of the pipeline impressed current cathodic protection system was reviewed and CCWA's corrosion engineer has reviewed the data and prepared a report with recommendations.
- A cursory review of the pipeline operations was completed by supervisory staff following the 6.4 and 7.1 earthquakes in Ridgecrest California. No significant movement was sensed along the pipeline.

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.
- Sean Rogers was hired as CCWA's new Laboratory Technician at the WTP. Mr. Rogers earned a bachelor's degree in microbiology from Cal Poly State University and worked for 3 ½ years for a local commercial drinking water laboratory.
- Laboratory staff initiated the taste and odor water quality sampling and the WTP and coordinate the analysis with the Kern County Water Agency Laboratory.
- A new autoclave was installed in the laboratory, as part of a scheduled project.
- Laboratory staff conducted research to identify available equipment for the ELISA Algal Toxin Analyzer. In addition, staff worked on training materials that will be presented to water system operators during the winter shutdown.
- Laboratory staff prepared a polyfluoroalkyl substances (PFAS) Sampling Plan to coordinate with Vandenberg Air Force Base (VAFB) plan to sample for PFAS at their Turnout. VAFB proceeded with their sampling and the analysis indicated non-detectable levels of PFAS in water at their turnout. Due to communication issues, CCWA did not sample source water that would correlate with the water sampled by VAFB.

INSTRUMENTATION/NETWORK

- Todd York was hired as the Instrumentation, Controls, Electrical and Maintenance Superintendent. Mr. York has over 35 years of experience in the electrical and automation field and owned his own electrical contracting company since 2002.
- Richard Healy was hired as the Instrumentation, Calibration and Repair Technician. Mr. Healy has bachelor's degree in Industrial Technology from the California State University Humboldt and has over 11 years of instrumentation and electrical experience. He also is a DIR certified electrician as well as a Grade 2 CWEA Certified Instrumentation Specialist.
- Adam Scheer, CCWA Instrumentation, Calibration and Repair Technician, completed his required training and successfully passed the CCWA on-call test within 8 months of being hired. We greatly appreciate Mr. Scheer's accomplishments within such a short timeframe. Consequently, Mr. Scheer has been placed into the on-call rotation.
- Instrumentation Staff continued work on the cloud based phone system through completing the re-cabling work for the WTP and the Administrative Offices, procurement of the digital phones and supporting switches. A contract was executed with Ring Central to provide the cloud based phone system and employees were provided training on the use of the new phone system. Final configuration and phone installation will be completed in October.
- The Santa Ynez Pumping Plant Switchboard Replacement Project was let out for competitive bidding. Instrumentation staff coordinated the pre-bid site walk, advertisement of the Request For Bids, conducting the bid opening and analysis of the bids received. Following Board approval, all bids were rejected due inadequate budget. The design was revised to reduced cost without compromising quality end product and a Request for Bids was reissued with a special effort increase the number on the plan holder list.
- Instrumentation staff managed the replacement of six air conditioning units at the Buellton Administrative Office.
- Instrumentation staff solicited competitive bids for the re-wiring of the Tank 2 facility. All power and control wiring will be replaced to address short circuiting issues at Tank 2.

GENERAL

- Staff prepared and submitted the post construction monitoring reports for the SYII Pipeline Repair Project that received Proposition 84 Grant funding.
- Staff continued with several water accounting tasks that included coordinating with exchange partners to return CCWA Participant water debt or make a deposit in a groundwater bank, updating the Water Delivery Status Report and associated sorting tables and reconciling CCWA delivery records with DWR delivery records.
- CCWA staff began negotiating with the US Bureau of Reclamation for a new Warren Act Contract to use excess capacity of the Bradbury Dam Project. All effected CCWA Participants were briefed on the progress in a teleconference in early September on the salient issues of the negotiations.
- Staff presented the concerns of CCWA with respect to a DWR proposal to repair subsidence damage to the aqueduct upstream of CCWA through a six month outage. CCWA comments were provided to the State Water Project Contractors for consolidation and presentation to DWR.
- CCWA staff convened its annual all hands face-to-face meeting in a team building exercise forum in early September.

JLB
Attachments

**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

July

2019

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	7.88	7.60	1.17	1.0	155	2	17	35	0	39	24	172	
2	7.97	7.32	1.04	1.0			19	39	0	37	23		
3	7.96	6.67	1.21	1.0			21	39	0	39	22		2.8
4	7.98	6.27	0.94	1.0			25	42	0	40	24		
5	8.04	6.50	0.99	1.5			38	48	0	52	34		
6	8.25	5.55	0.98	1.0			40	50	0	52	34		
7	8.15	6.58	1.04	1.0			39	48	0	56	32		
8	8.08	7.79	1.05	1.0	179	1	35	47	0	50	28	217	
9	8.04	7.52	1.10	1.0			29	45	0	55	33		
10	8.00	7.95	1.18	1.0			26	42	0	54	30		
11	7.92	8.42	1.11	1.0			25	41	0	54	44		
12	7.92	9.57	1.20	1.5			31	44	0	57	32		
13	7.93	8.67	1.23	1.0			30	43	0	56	32		
14	7.95	8.10	1.11	1.0			29	43	0	54	31		
15	8.06	7.73	1.06	1.0	152	1	24	41	0	50	30	202	
16	8.12	7.60	0.87	2.0			25	42	0	48	27		
17	7.96	7.67	0.94	2.0			24	42	0	49	30		
18	7.90	7.93	0.98	1.0			23	42	0	51	27		
19	7.90	7.85	0.99	1.0			27	43	0	54	29		
20	7.96	8.65	0.96	1.0			23	44	0	46	29		
21	8.00	8.15	0.95	1.0			24	44	0	49	28		
22	8.14	7.38	0.97	2.0	196	1	24	46	0	49	26	208	
23	8.15	6.28	0.94	1.0			27	46	0	51	32		
24	8.20	6.22	0.97	1.0			32	52	0	58	34		
25	8.37	6.92	1.03	1.0			30	52	2	60	34		
26	8.56	5.43	0.80	1.0			28	52	3	55	32		
27	8.63	4.58	0.80	1.0			23	49	3	53	33		
28	8.47	5.53	0.76	1.0			25	54	0	55	34		
29	8.32	5.70	0.76	1.5	276	2	29	54	1	55	33	197	
30	8.35	4.61	0.81	1.0			24	47	2	52	30		
31	8.28	5.98	0.74	1.0			26	51	1	53	30		
Avg	8.11	7.06	0.99	1.1	191	1	27	45	0	51	30	199	2.8

**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

July 2019

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	8.38	0.05	4.12	0.0	ABSENT	19	33	38	22	3.11	0.00	2.94	0.59	0.00	5.0	199	
2	8.40	0.05	4.18	0.0	ABSENT	22	36	36	24	3.08	0.00	2.98	0.60	0.00	5.0		
3	8.37	0.05	4.26	0.0	ABSENT	25	39	39	24	3.07	0.00	2.93	0.59	0.00	5.0		1.7
4	8.23	0.05	4.29	0.0	ABSENT	27	40	40	24	3.07	0.00	2.92	0.58	0.00	5.0		
5	8.32	0.05	4.15	0.0	ABSENT	37	42	51	33	3.03	0.00	2.90	0.57	0.00	5.1		
6	8.34	0.05	4.25	0.0	ABSENT	43	47	53	35	3.05	0.00	2.98	0.58	0.00	5.1		
7	8.30	0.05	4.30	0.0	ABSENT	43	46	55	30	3.08	0.00	2.93	0.55	0.00	5.3		
8	8.23	0.05	4.20	0.0	ABSENT	39	49	53	30	3.08	0.00	2.97	0.56	0.00	5.3	282	
9	8.35	0.05	4.37	0.0	ABSENT	39	44	57	34	3.05	0.00	2.94	0.58	0.00	5.1		
10	8.37	0.06	4.32	0.0	ABSENT	30	42	52	32	3.03	0.00	2.91	0.58	0.00	5.0		
11	8.33	0.06	4.33	0.0	ABSENT	27	41	54	32	3.05	0.00	2.90	0.58	0.00	5.0		
12	8.37	0.06	4.44	0.0	ABSENT	31	42	54	31	3.03	0.00	2.86	0.57	0.00	5.0		
13	8.37	0.06	4.53	0.0	ABSENT	34	45	58	32	3.02	0.00	2.91	0.56	0.00	5.2		
14	8.43	0.06	4.45	0.0	ABSENT	32	42	57	30	3.08	0.00	2.89	0.58	0.00	5.0		
15	8.40	0.06	4.45	0.0	ABSENT	29	41	49	30	3.02	0.00	2.96	0.57	0.00	5.2	233	
16	8.37	0.05	4.41	0.0	ABSENT	30	41	50	26	3.08	0.00	2.94	0.59	0.00	5.0		
17	8.40	0.05	4.29	0.0	ABSENT	29	40	48	27	3.12	0.00	2.96	0.59	0.00	5.0		
18	8.42	0.05	4.37	0.0	ABSENT	27	43	50	28	3.06	0.00	3.00	0.58	0.00	5.2		
19	8.39	0.05	4.45	0.0	ABSENT	28	41	52	28	3.04	0.00	2.97	0.56	0.00	5.3		
20	8.42	0.05	4.33	0.0	ABSENT	26	42	47	30	3.15	0.00	2.98	0.56	0.00	5.3		
21	8.38	0.05	4.37	0.0	ABSENT	26	43	50	29	3.02	0.00	2.97	0.56	0.00	5.3		
22	8.40	0.05	4.41	0.0	ABSENT	27	44	50	25	3.03	0.00	2.93	0.55	0.00	5.3	221	
23	8.39	0.05	4.45	0.0	ABSENT	26	47	58	32	2.95	0.00	2.83	0.56	0.00	5.1		
24	8.33	0.05	4.60	0.0	ABSENT	32	49	59	34	2.98	0.00	2.83	0.56	0.00	5.1		
25	8.32	0.05	4.69	0.0	ABSENT	36	51	61	32	2.98	0.00	2.85	0.55	0.00	5.2		
26	8.42	0.05	4.58	0.0	ABSENT	32	49	59	35	3.03	0.00	2.88	0.56	0.00	5.1		
27	8.33	0.06	4.68	0.0	ABSENT	26	47	59	33	3.00	0.00	2.94	0.54	0.00	5.4		
28	8.31	0.05	4.61	0.0	ABSENT	28	48	54	33	2.98	0.00	2.95	0.55	0.00	5.4		
29	8.33	0.05	4.61	0.0	ABSENT	32	50	52	30	3.02	0.00	2.93	0.55	0.00	5.3	236	
30	8.34	0.05	4.69	0.0	ABSENT	27	46	51	30	3.08	0.00	2.95	0.58	0.00	5.1		
31	8.33	0.06	4.57	0.0	ABSENT	28	45	53	29	3.03	0.00	2.93	0.57	0.00	5.1		
Avg	8.36	0.05	4.41	0.00		30	44	52	30	3.05	0.00	2.93	0.57	0.00	5.1	234	1.70

**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

August

2019

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	8.25	5.43	0.67	1.0			32	50	0	61	32		
2	8.28	5.32	0.79	1.0			31	51	1	58	41		
3	8.25	5.75	0.85	1.5			32	51	0	57	32		
4	8.25	4.97	0.76	1.0			32	51	0	56	33		
5	8.31	4.88	0.84	1.0	186	1	34	51	1	58	36	252	
6	8.34	4.15	0.70	1.0			40	54	1	52	38		
7	8.48	4.01	0.75	1.5			40	54	3	57	37		2.7
8	8.45	3.45	0.70	1.0			36	59	2	59	38		
9	8.47	3.42	0.71	1.0			37	54	2	55	38		
10	8.45	2.82	0.59	1.0			34	56	1	56	36		
11	8.54	2.48	0.63	1.0			34	59	2	56	37		
12	8.52	2.23	0.59	1.0	58	<1	38	59	3	64	36	332	
13	8.70	1.98	0.55	1.5			50	58	5	76	38		
14	8.83	1.63	0.60	1.0			62	63	5	84	44		
15	8.73	1.43	0.56	1.0			69	66	5	92	46		
16	8.71	1.04	0.47	1.0			78	71	7	95	47		
17	8.70	0.95	0.44	1.0			83	70	5	96	51		
18	8.78	0.91	0.42	1.0			80	71	7	100	50		
19	8.82	0.90	0.42	1.0	52	<1	73	66	8	95	46	407	
20	8.83	0.89	0.41	1.5			69	67	7	93	46		
21	8.50	1.48	0.52	2.0			55	62	2	78	37		
22	8.18	1.58	0.49	2.0			56	61	0	75	41		
23	8.12	1.38	0.50	1.0			58	60	0	79	38		
24	8.13	1.52	0.42	1.5			45	57	0	77	39		
25	8.17	1.57	0.38	2.0			42	56	0	65	36		
26	8.23	1.87	0.42	2.0	140	2	39	57	0	73	35	259	
27	8.23	2.25	0.50	1.5			37	58	0	62	37		
28	8.15	2.02	0.59	1.5			34	59	0	62	35		
29	8.23	2.22	0.52	2.0			36	56	1	65	35		
30	8.24	2.43	0.54	1.0			34	55	1	63	31		
31	8.30	2.12	0.52	1.5			33	53	1	58	34		
Avg	8.42	2.55	0.58	1.3	109	2	47	59	2	70	39	313	2.7

**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

August 2019

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	8.40	0.06	4.41	0.0	ABSENT	33	49	58	32	3.08	0.00	2.93	0.58	0.00	5.1		
2	8.42	0.06	4.45	0.0	ABSENT	36	49	58	44	3.08	0.00	2.93	0.60	0.00	4.9		
3	8.40	0.06	4.33	0.0	ABSENT	33	48	58	31	3.03	0.00	2.87	0.58	0.00	4.9		
4	8.37	0.06	4.53	0.0	ABSENT	35	48	57	29	3.02	0.00	2.84	0.58	0.00	4.9		
5	8.43	0.06	4.45	0.0	ABSENT	36	49	59	33	3.03	0.00	2.92	0.58	0.00	5.0	264	
6	8.40	0.06	4.45	0.0	ABSENT	42	51	57	39	2.93	0.00	2.89	0.56	0.00	5.2		
7	8.39	0.06	4.76	0.0	ABSENT	42	52	55	37	2.97	0.00	2.93	0.56	0.00	5.2		1.7
8	8.33	0.05	4.74	0.0	ABSENT	40	55	60	35	3.10	0.00	3.07	0.56	0.00	5.5		
9	8.37	0.06	4.52	0.0	ABSENT	40	55	57	35	3.00	0.00	2.90	0.56	0.00	5.2		
10	8.38	0.05	4.21	0.0	ABSENT	38	53	57	35	2.91	0.00	2.83	0.55	0.00	5.1		
11	8.42	0.06	4.39	0.0	ABSENT	36	54	57	36	2.90	0.00	2.80	0.55	0.00	5.1		
12	8.38	0.05	4.53	0.0	ABSENT	41	56	60	36	2.86	0.00	2.75	0.55	0.00	5.0	301	
13	8.39	0.06	4.32	0.0	ABSENT	49	54	75	38	2.88	0.00	2.78	0.55	0.00	5.1		
14	8.30	0.07	4.53	0.0	ABSENT	58	56	80	44	2.97	0.00	2.80	0.56	0.00	5.0		
15	8.38	0.06	4.77	0.0	ABSENT	71	62	88	46	2.98	0.00	2.86	0.55	0.00	5.2		
16	8.40	0.05	4.74	0.0	ABSENT	77	64	95	47	3.02	0.00	2.94	0.57	0.00	5.2		
17	8.43	0.06	4.41	0.0	ABSENT	83	67	99	49	3.08	0.00	3.00	0.60	0.00	5.0		
18	8.38	0.05	4.21	0.0	ABSENT	83	67	99	50	3.06	0.00	3.04	0.58	0.00	5.2		
19	8.40	0.05	4.00	0.0	ABSENT	81	65	94	50	3.13	0.00	3.03	0.60	0.00	5.1	490	
20	8.35	0.05	4.10	0.0	ABSENT	77	54	91	45	3.07	0.00	2.98	0.57	0.00	5.2		
21	8.18	0.05	4.37	0.0	ABSENT	61	59	78	37	3.02	0.00	3.02	0.59	0.00	5.1		
22	8.29	0.06	4.53	0.0	ABSENT	58	59	77	39	3.06	0.00	2.98	0.56	0.00	5.3		
23	8.35	0.05	4.29	0.0	ABSENT	62	58	76	39	3.12	0.00	2.93	0.58	0.00	5.1		
24	8.35	0.05	4.21	0.0	ABSENT	52	57	75	40	3.10	0.00	2.92	0.58	0.00	5.0		
25	8.28	0.05	4.21	0.0	ABSENT	47	53	67	36	3.00	0.00	2.88	0.55	0.00	5.2		
26	8.35	0.05	4.21	0.0	ABSENT	44	51	66	33	3.06	0.00	2.93	0.57	0.00	5.1	306	
27	8.42	0.06	4.63	0.0	ABSENT	40	53	65	34	2.97	0.00	2.93	0.57	0.00	5.1		
28	8.32	0.08	4.69	0.0	ABSENT	37	56	67	35	3.04	0.00	2.98	0.58	0.00	5.1		
29	8.37	0.07	4.59	0.0	ABSENT	41	55	64	35	3.03	0.00	2.96	0.58	0.00	5.1		
30	8.43	0.07	4.19	0.0	ABSENT	38	55	62	34	3.03	0.00	2.98	0.56	0.00	5.3		
31	8.35	0.07	3.96	0.0	ABSENT	37	51	58	33	3.04	0.00	3.00	0.57	0.00	5.3		
Avg	8.37	0.06	4.41	0.00		50	55	70	38	3.02	0.00	2.92	0.57	0.00	5.1	340	1.70

**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

September

2019

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	8.38	2.02	0.51	1.0			31	54	2	57	33		
2	8.53	1.90	0.42	1.5	77	3	32	56	1	61	31		
3	8.60	2.17	0.52	2.0			32	53	4	57	31	225	
4	8.52	2.10	0.54	1.0			29	53	2	56	32		2.7
5	8.43	1.82	0.47	1.0			28	53	1	51	32		
6	8.36	2.03	0.44	1.0			29	53	1	56	32		
7	8.35	2.05	0.47	1.0			29	54	2	57	31		
8	8.37	1.92	0.44	1.0			28	52	1	57	32		
9	8.48	1.62	0.41	1.0	166	6	28	54	4	55	30	226	
10	8.52	1.77	0.37	1.0			27	55	2	68	32		
11	8.70	2.15	0.35	2.0			26	54	4	60	32		
12	8.45	1.97	0.38	2.0			27	59	1	62	35		
13	8.58	1.62	0.41	1.5			30	55	2	62	31		
14	8.68	2.10	0.37	1.0			30	55	3	64	33		
15	8.68	1.85	0.36	1.0			27	55	5	65	33		
16	8.69	1.65	0.33	3.0	127	5	26	55	6	56	31	209	
17	8.91	1.43	0.34	1.5			25	53	6	61	34		
18	8.85	1.42	0.35	1.0			28	54	5	62	33		
19	8.93	1.01	0.33	1.0			29	54	6	65	33		
20	8.89	0.98	0.34	1.0			27	55	6	63	32		
21	8.73	0.90	0.33	1.5			25	55	5	59	33		
22	8.88	1.07	0.37	1.5			25	56	7	61	31		
23	8.94	0.98	0.46	1.0	138	1	24	55	7	62	34	220	
24	8.98	0.96	0.48	1.5			28	55	7	61	32		
25	8.94	1.04	0.41	2.0			27	58	6	60	31		
26	8.90	0.80	0.45	2.0			27	57	6	61	29		
27	8.75	0.88	0.55	2.0			29	59	5	62	32		
28	8.72	0.93	0.56	2.0			33	56	7	65	31		
29	8.83	0.90	0.51	1.0			24	54	7	59	32		
30	8.82	0.76	0.62	2.0	84	1	23	53	5	57	29	198	
Avg	8.68	1.49	0.43	1.4	118	3	28	55	4	60	32	216	2.7

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

System Name: Central Coast Water Authority

System Number: 4210030

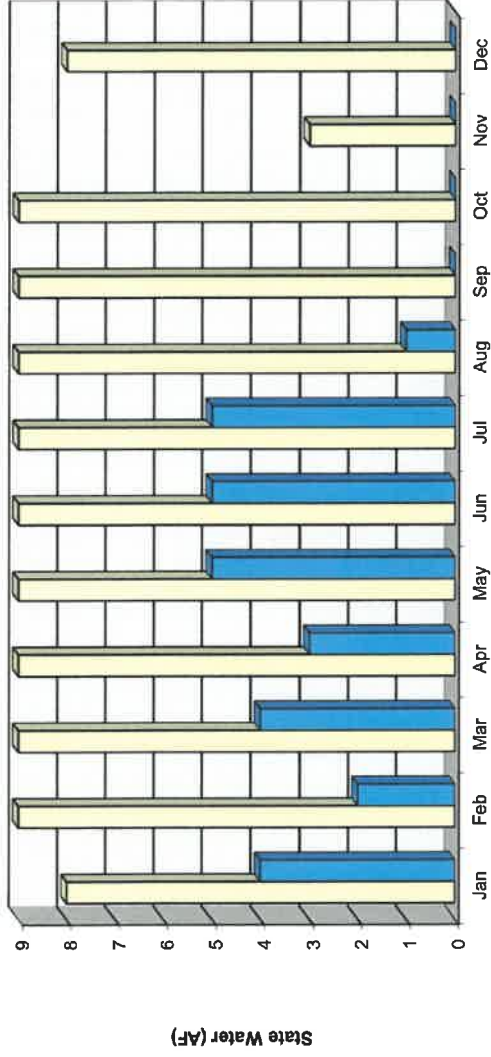
Treatment Plant Name: Polonio Pass Water Treatment Plant

September 2019

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	8.37	0.08	4.03	0.0	ABSENT	34	52	60	33	3.08	0.00	3.04	0.56	0.00	5.4		
2	8.37	0.08	4.17	0.0	ABSENT	34	53	59	31	3.02	0.00	3.07	0.57	0.00	5.4		
3	8.39	0.08	4.17	0.0	ABSENT	31	49	56	28	3.08	0.00	3.01	0.59	0.00	5.1	263	
4	8.42	0.08	4.17	0.0	ABSENT	31	50	55	30	3.07	0.00	2.99	0.60	0.00	5.0		1.5
5	8.40	0.07	4.08	0.0	ABSENT	30	50	55	32	3.02	0.00	3.00	0.59	0.00	5.1		
6	8.40	0.07	3.96	0.0	ABSENT	31	50	57	31	3.09	0.00	2.97	0.60	0.00	5.0		
7	8.43	0.07	4.21	0.0	ABSENT	33	51	58	32	3.07	0.00	2.97	0.59	0.00	5.0		
8	8.42	0.07	4.27	0.0	ABSENT	32	50	58	31	3.09	0.00	3.02	0.58	0.00	5.2		
9	8.40	0.07	4.17	0.0	ABSENT	30	48	58	31	3.13	0.00	3.04	0.58	0.00	5.2	262	
10	8.43	0.06	4.58	0.0	ABSENT	30	52	65	32	3.08	0.00	3.08	0.59	0.00	5.2		
11	8.35	0.05	4.76	0.0	ABSENT	29	50	63	30	3.04	0.00	3.04	0.56	0.00	5.4		
12	8.32	0.05	4.66	0.5	ABSENT	30	53	60	35	3.05	0.00	2.95	0.57	0.00	5.2		
13	8.36	0.05	4.85	0.0	ABSENT	33	52	61	32	2.93	0.00	2.86	0.56	0.01	5.1		
14	8.34	0.05	4.71	0.0	ABSENT	34	54	61	33	2.92	0.00	2.88	0.55	0.00	5.2		
15	8.37	0.05	4.38	0.0	ABSENT	31	51	62	32	3.03	0.00	2.84	0.57	0.00	5.0		
16	8.38	0.05	4.66	0.0	ABSENT	30	52	58	31	3.03	0.00	2.98	0.58	0.00	5.1	243	
17	8.38	0.05	4.51	0.0	ABSENT	26	48	59	32	2.95	0.00	2.85	0.57	0.00	5.0		
18	8.42	0.05	4.66	0.0	ABSENT	30	50	62	33	2.95	0.00	2.84	0.56	0.00	5.1		
19	8.43	0.05	4.79	0.0	ABSENT	32	51	64	32	2.96	0.00	2.81	0.55	0.00	5.1		
20	8.42	0.05	4.29	0.0	ABSENT	31	51	62	32	2.93	0.00	2.84	0.55	0.00	5.2		
21	8.40	0.05	4.04	0.0	ABSENT	28	52	64	32	2.95	0.00	2.82	0.56	0.00	5.0		
22	8.38	0.05	4.49	0.0	ABSENT	27	51	60	32	2.98	0.00	2.89	0.57	0.00	5.1		
23	8.37	0.06	4.58	0.0	ABSENT	27	51	63	30	2.93	0.00	2.89	0.55	0.00	5.3	248	
24	8.40	0.07	4.45	0.0	ABSENT	30	50	62	31	3.00	0.00	2.86	0.57	0.00	5.0		
25	8.26	0.05	4.61	0.0	ABSENT	30	51	61	28	2.96	0.00	2.92	0.58	0.00	5.0		
26	8.35	0.05	4.37	0.0	ABSENT	31	51	60	30	3.03	0.00	2.93	0.59	0.00	5.0		
27	8.33	0.06	4.13	0.0	ABSENT	32	54	61	30	3.03	0.00	2.92	0.59	0.00	4.9		
28	8.38	0.07	4.05	0.0	ABSENT	31	53	64	30	3.03	0.00	2.92	0.58	0.00	5.0		
29	8.38	0.07	3.96	0.0	ABSENT	27	51	60	30	3.05	0.00	2.95	0.59	0.00	5.0		
30	8.38	0.07	4.05	0.0	ABSENT	26	50	60	32	3.08	0.00	2.95	0.59	0.00	5.0	232	
Avg	8.38	0.06	4.36	0.02		30	51	60	31	3.02	0.00	2.94	0.57	0.00	5.1	250	1.50

Shandon T.O. - SWP Deliveries in Year 2019

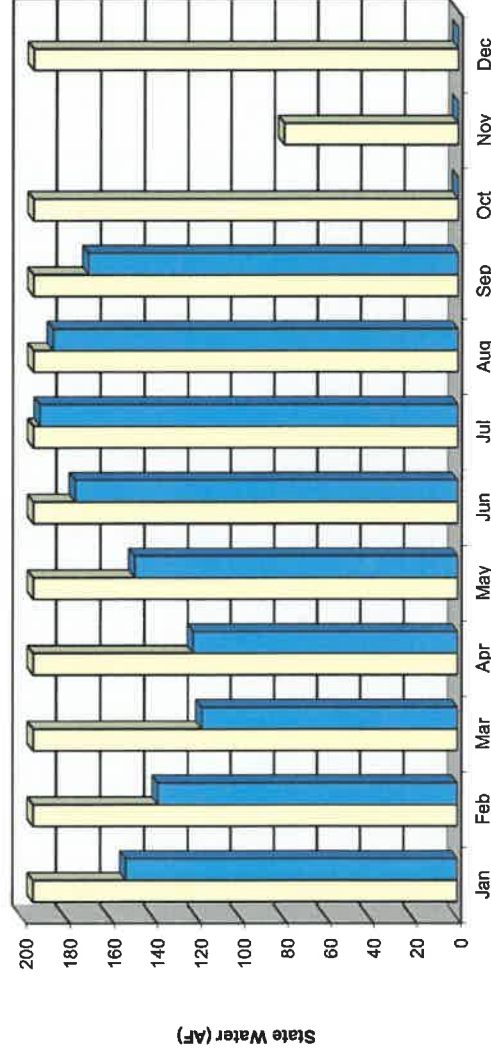
Month	Requested Delivery	Actual Delivery	Allocation Available
Jan	8	4	
Feb	9	2	
Mar	9	4	
Apr	9	3	
May	9	5	
Jun	9	5	
Jul	9	5	
Aug	9	1	
Sep	9	0	
Oct	9	0	
Nov	3	0	
Dec	8	0	
Total	100	29	



Requested Delivery
Actual Delivery

Chorro Valley T.O. - SWP Deliveries in Year 2019

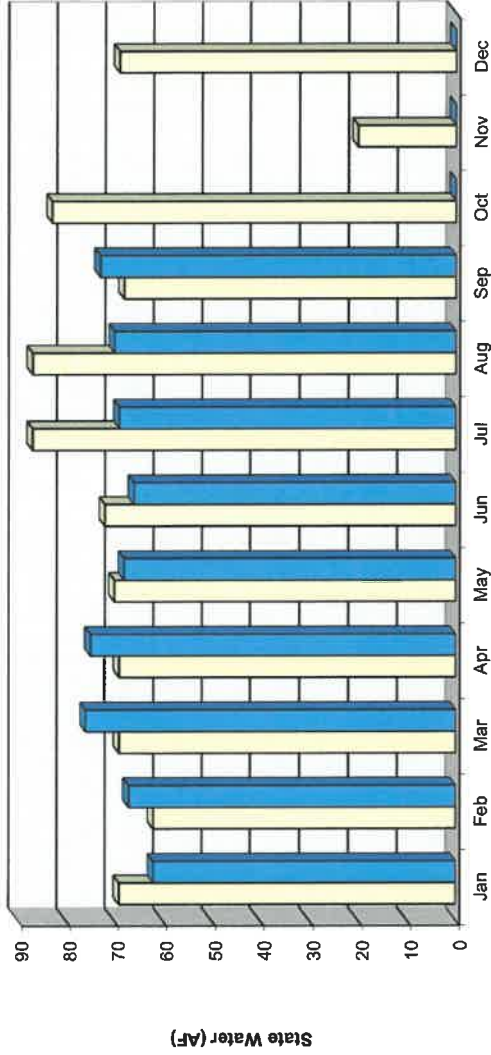
Month	Requested Delivery	Actual Delivery	Allocation Available
Jan	195	153	
Feb	195	138	
Mar	195	118	
Apr	195	122	
May	195	149	
Jun	195	176	
Jul	195	192	
Aug	195	186	
Sep	195	170	
Oct	195	0	
Nov	80	0	
Dec	195	0	
Total	2225	1404	



Requested Delivery
Actual Delivery

Lopez T.O. - SWP Deliveries in Year 2019

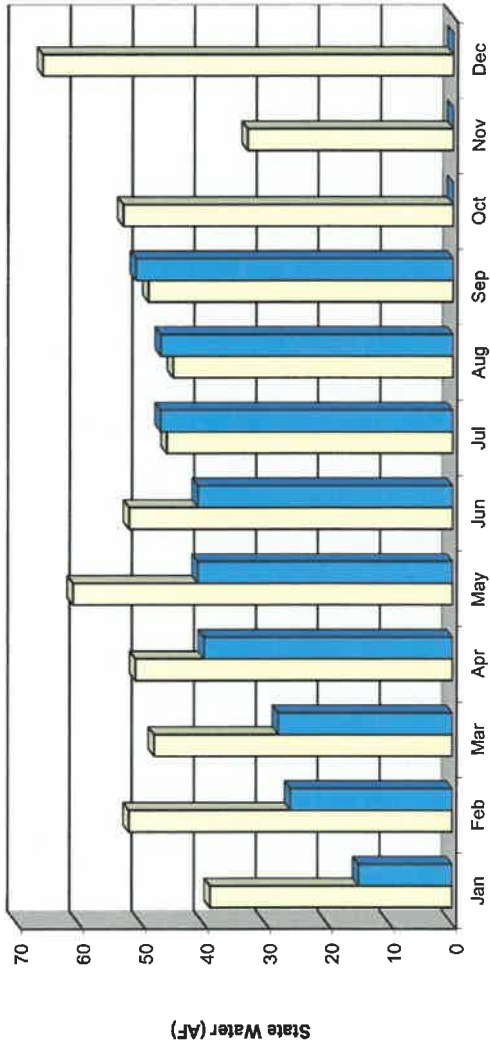
Month	Requested Delivery	Actual Delivery	Allocation Available
Jan	69	62	
Feb	62	67	
Mar	69	76	
Apr	69	75	
May	70	68	
Jun	72	66	
Jul	87	69	
Aug	87	70	
Sep	68	73	
Oct	83		
Nov	20		
Dec	69		
Total	825	626	



Requested Delivery
Actual Delivery

Guadalupe - SWP Deliveries in Year 2019

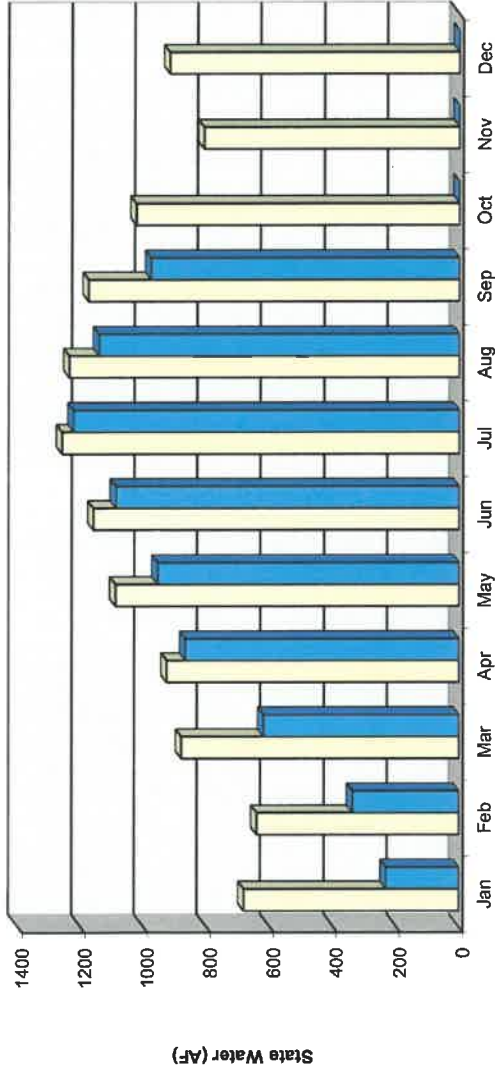
Month	Requested Delivery	Actual Delivery	Allocation Available
Jan	39	15	
Feb	52	26	
Mar	48	28	
Apr	51	40	
May	61	41	
Jun	52	41	
Jul	46	47	
Aug	45	47	
Sep	49	51	
Oct	53		
Nov	33		
Dec	66		
Total	595	336	



Requested Delivery
Actual Delivery

Santa Maria - SWP Deliveries in Year 2019

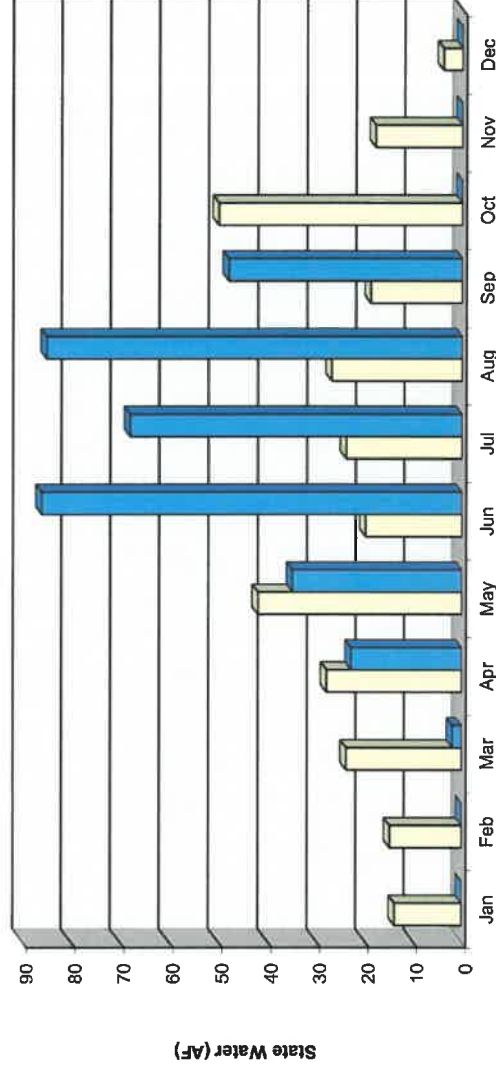
Month	Requested Delivery	Actual Delivery	Allocation Available
Jan	682	234	
Feb	642	339	
Mar	881	621	
Apr	928	868	
May	1091	957	
Jun	1161	1090	
Jul	1262	1225	
Aug	1239	1144	
Sep	1177	979	
Oct	1026		
Nov	811		
Dec	920		
Total	11820	7457	



Requested Delivery
Actual Delivery

Golden State - SWP Deliveries in Year 2019

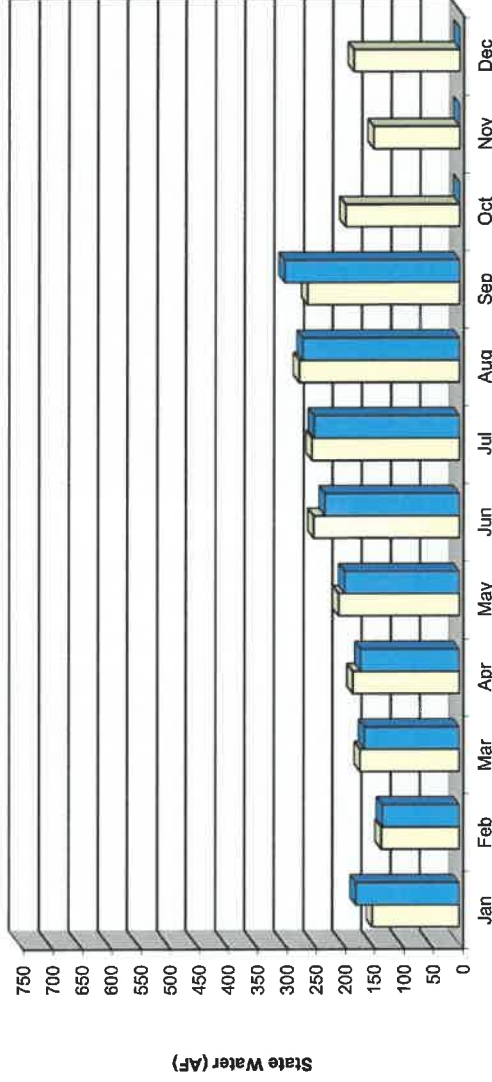
Month	Requested Delivery	Actual Delivery	Allocation Available
Jan	14	0	
Feb	15	0	
Mar	24	2	
Apr	28	23	
May	42	35	
Jun	20	86	
Jul	24	68	
Aug	27	85	
Sep	19	48	
Oct	50		
Nov	18		
Dec	4		
Total	285	347	



Requested Delivery
Actual Delivery

VAFB - SWP Deliveries in Year 2019

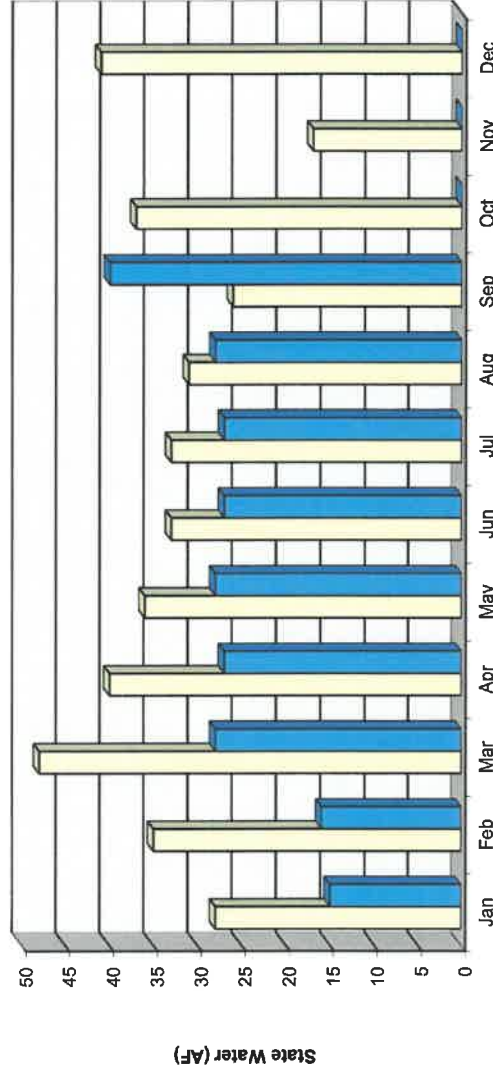
Month	Requested Delivery	Actual Delivery	Allocation Available
Jan	148	177	
Feb	133	131	
Mar	170	162	
Apr	183	169	
May	207	197	
Jun	250	230	
Jul	253	249	
Aug	275	269	
Sep	261	299	
Oct	196		
Nov	147		
Dec	182		
Total	2405	1883	



Requested Delivery
Actual Delivery

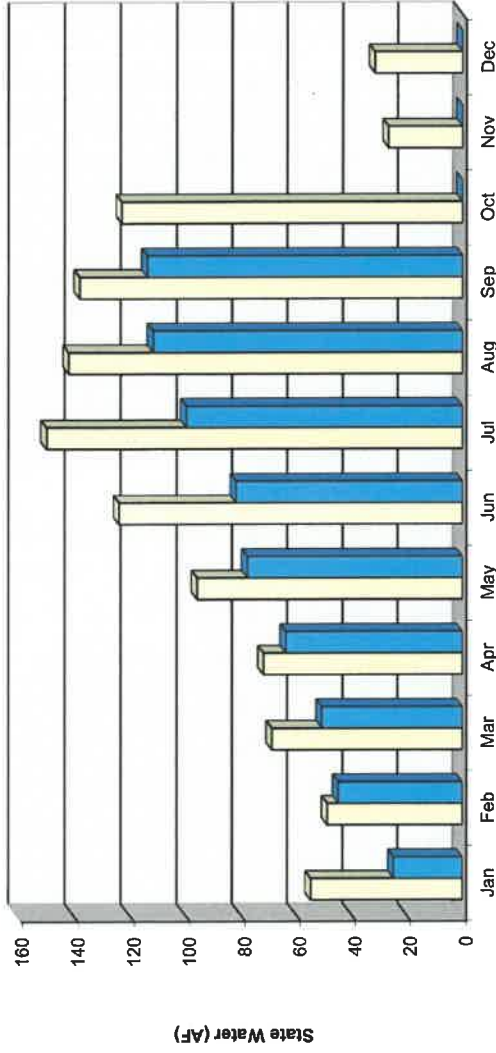
Buellton - SWP Deliveries in Year 2019

Month	Requested Delivery	Actual Delivery	Allocation Available
Jan	28	15	
Feb	35	16	
Mar	48	28	
Apr	40	27	
May	36	28	
Jun	33	27	
Jul	33	27	
Aug	31	28	
Sep	26	40	
Oct	37		
Nov	17		
Dec	41		
Total	405	236	



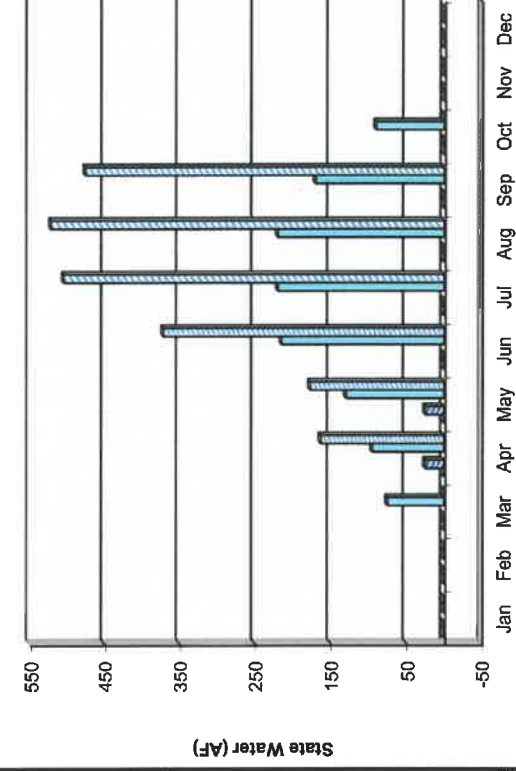
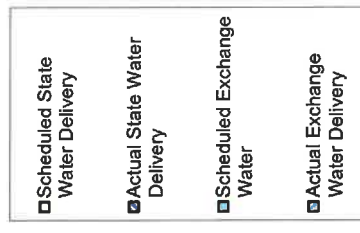
Requested Delivery
Actual Delivery

Santa Ynez - Solvang Only - SWP Deliveries in Year 2019



Month	Requested Delivery	Actual Delivery	Allocation Available
Jan	55	25	
Feb	49	45	
Mar	69	51	
Apr	72	64	
May	96	78	
Jun	124	82	
Jul	150	100	
Aug	142	112	
Sep	138	114	
Oct	123	114	
Nov	27	27	
Dec	32	32	
Total	1077	671	

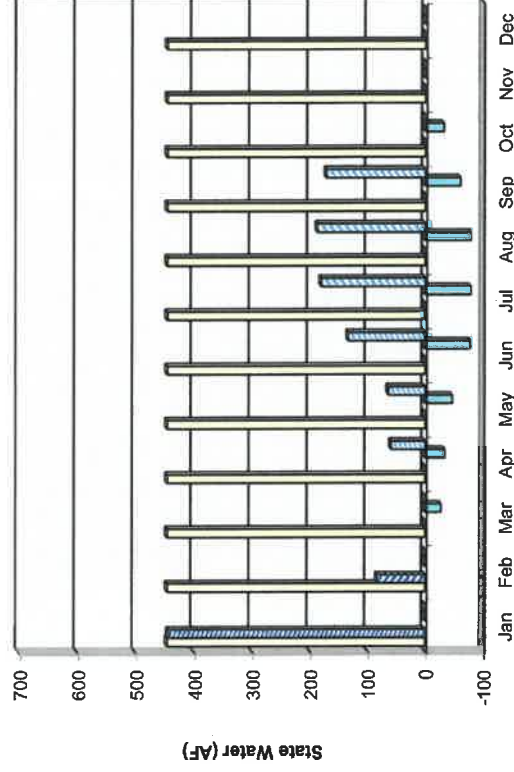
Santa Ynez (Without Solvang) - SWP Deliveries in Year 2019



Month	Scheduled State Water Delivery	Actual State Water Delivery	Total Sched'd Water	State Water Delivery State & Exch.	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	95	163	188	
Apr	0	95	95	130	177	202	
May	0	130	130	215	372	372	
Jun	0	215	215	220	504	504	
Jul	0	220	220	220	521	521	
Aug	0	220	220	170	476	476	
Sep	0	90	90	0	0	0	
Oct	0	0	0	0	0	0	
Nov	0	0	0	0	0	0	
Dec	0	0	0	0	0	0	
Total	0	50	1215	1215	2213	2263	

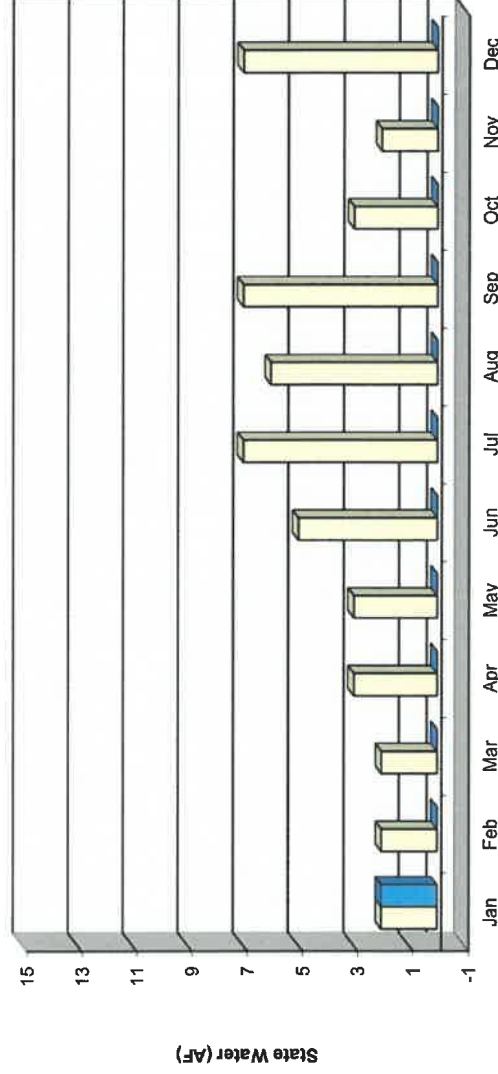
Goleta - SWP Deliveries in Year 2019

Month	Scheduled State Water Delivery	Scheduled Exchange Water	Total Sched. State & Exch. Water Delivery	Actual State Water Delivery	Actual Exchange Water Delivery	Total Actual State & Exch. Water Delivery	Allocation Available
Jan	446	0	446	444	0	444	
Feb	446	0	446	84	0	84	
Mar	446	-27	419	0	0	0	
Apr	446	-34	412	0	59	59	
May	446	-77	369	0	64	64	
Jun	446	-47	399	0	134	134	
Jul	446	-79	367	0	181	181	
Aug	446	-79	367	0	188	188	
Sep	446	-61	385	0	172	172	
Oct	446	-32	414	0	172	172	
Nov	446	0	446				
Dec	446	0	446				
Total	5352	-436	4916	528	798	1326	



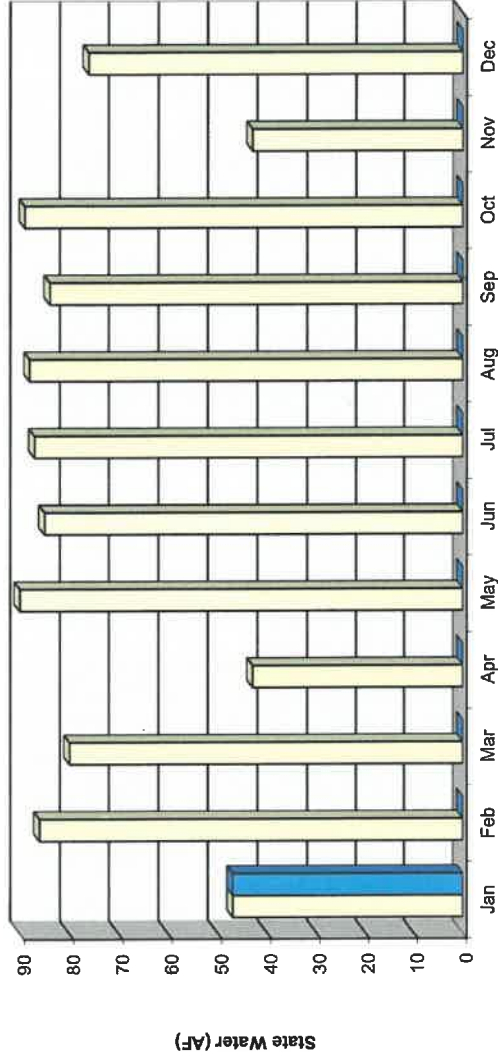
Morehart Land - SWP Deliveries in Year 2019

Month	Requested Delivery	Actual Delivery	Allocation Available
Jan	2	2	
Feb	2	0	
Mar	2	0	
Apr	3	0	
May	3	0	
Jun	5	0	
Jul	7	0	
Aug	6	0	
Sep	7	0	
Oct	3	0	
Nov	2	0	
Dec	7	0	
Total	49	2	



La Cumbre - SWP Deliveries in Year 2019

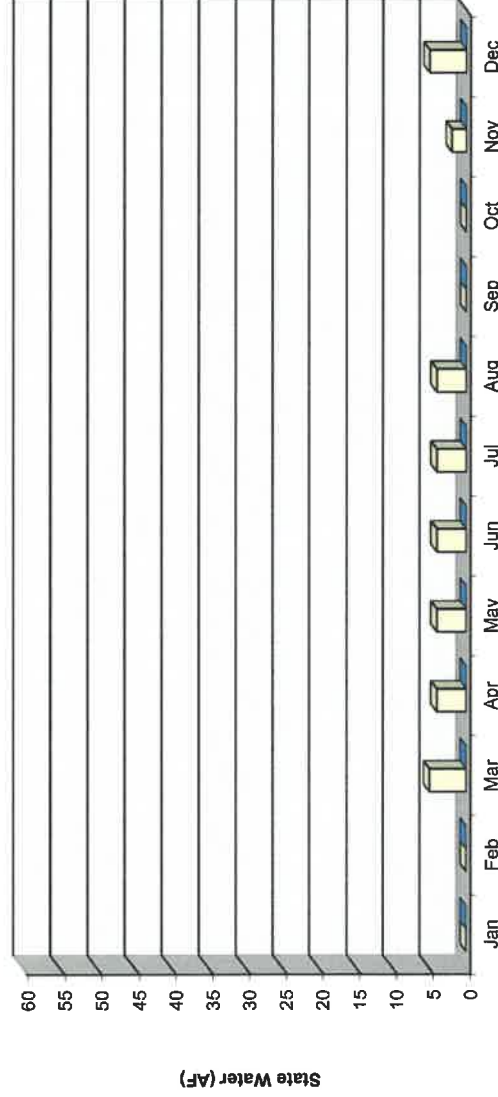
Month	Requested Delivery	Actual Delivery	Allocation Available
Jan	47	47	
Feb	86	0	
Mar	80	0	
Apr	43	0	
May	90	0	
Jun	85	0	
Jul	87	0	
Aug	88	0	
Sep	84	0	
Oct	89	0	
Nov	43	0	
Dec	76	0	
Total	898	47	



Requested Delivery
Actual Delivery

Raytheon (SBRC) - SWP Deliveries in Year 2019

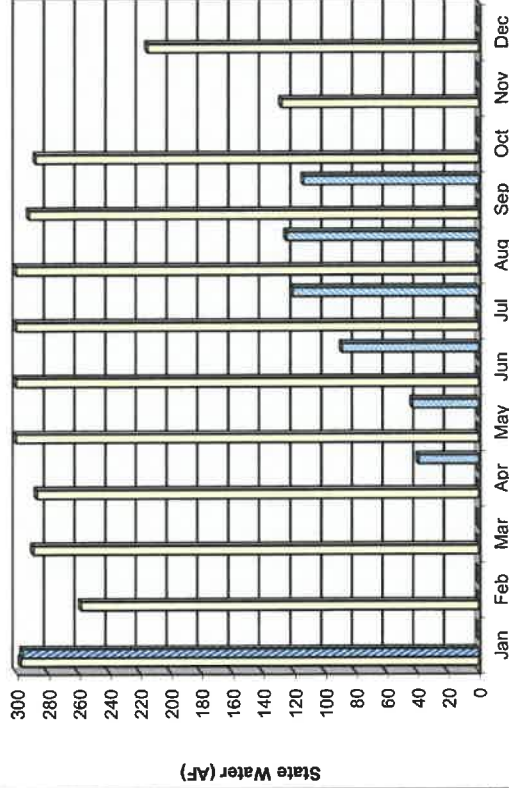
Month	Requested Delivery	Actual Delivery	Allocation Available
Jan	0	0	
Feb	0	0	
Mar	5	0	
Apr	4	0	
May	4	0	
Jun	4	0	
Jul	4	0	
Aug	4	0	
Sep	0	0	
Oct	0	0	
Nov	2	0	
Dec	5	0	
Total	32	0	



Requested Delivery
Actual Delivery

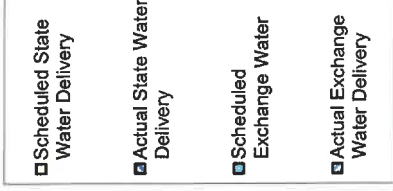
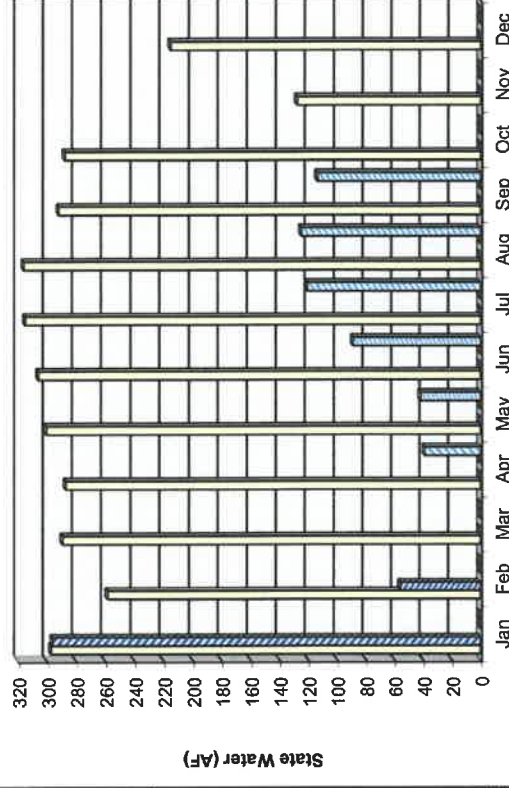
Santa Barbara - SWP Deliveries in Year 2019

Month	Scheduled State Water Delivery	Scheduled Exchange Water	Total Sched. Water State & Exch.	Actual State Water Delivery	Actual Exchange Water Delivery	Total Actual State & Exch. Water Delivery	Allocation Available
Jan	297	0	297	296	0	296	
Feb	258	0	258	0	0	0	
Mar	289	-18	271	0	0	0	
Apr	287	-23	264	0	39	39	
May	300	-31	269	0	43	43	
Jun	306	-52	254	0	89	89	
Jul	315	-53	262	0	121	121	
Aug	316	-53	263	0	125	125	
Sep	292	-41	251	0	114	114	
Oct	288	-22	266	0			
Nov	128	0	128				
Dec	215	0	215				
Total	3290	-292	2998	296	531	827	



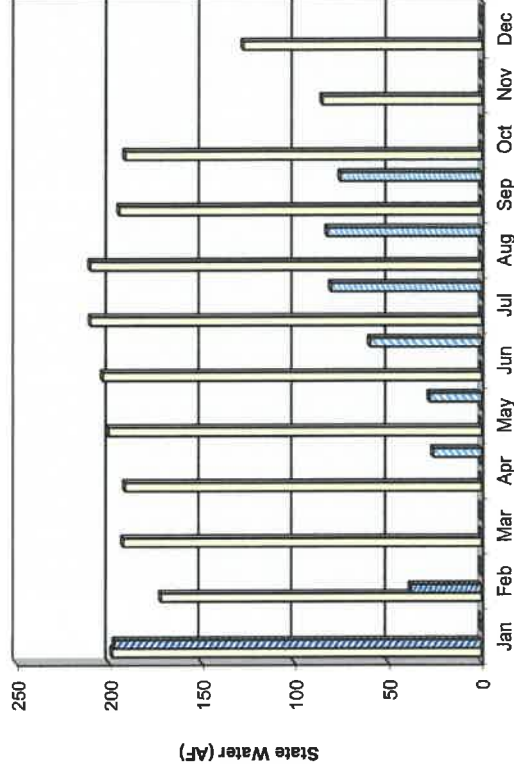
Montecito - SWP Deliveries in Year 2019

Month	Scheduled State Water Delivery	Scheduled Exchange Water	Total Sched. Water State & Exch.	Actual State Water Delivery	Actual Exchange Water Delivery	Total Actual State & Exch. Water Delivery	Allocation Available
Jan	297	0	297	296	0	296	
Feb	258	0	258	56	0	56	
Mar	289	-18	271	0	0	0	
Apr	287	-23	264	0	39	39	
May	300	-31	269	0	42	42	
Jun	306	-52	254	0	89	89	
Jul	315	-53	262	0	121	121	
Aug	316	-53	263	0	125	125	
Sep	292	-41	251	0	114	114	
Oct	288	-22	266				
Nov	128	0	128				
Dec	215	0	215				
Total	3290	-292	2998	352	530	882	



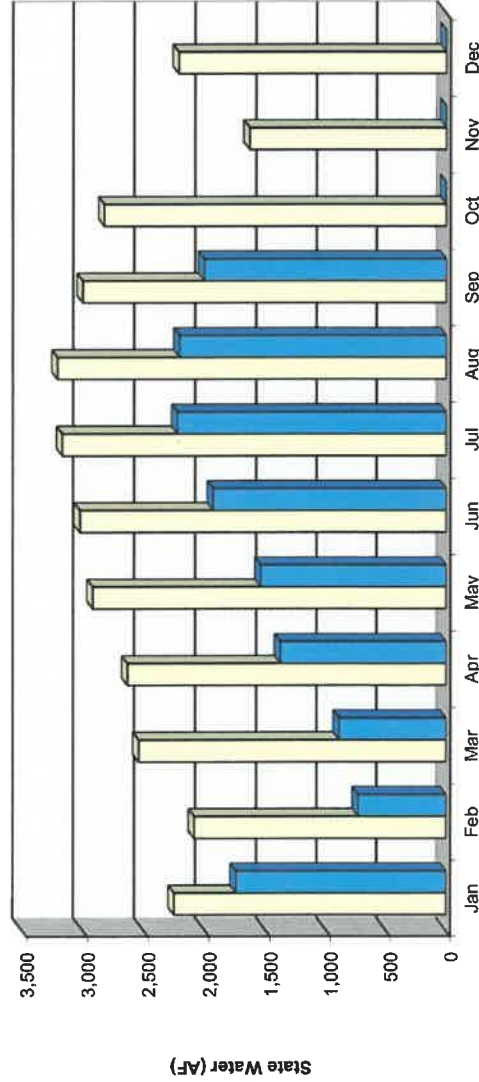
Carpinteria - SWP Deliveries in Year 2019

Month	Scheduled State Water Delivery	Scheduled Exchange Water	Total Sched'd Water State & Exch.	Actual State Water Delivery	Actual Exchange Water Delivery	Total Actual State & Exch. Water Delivery	Allocation Available
Jan	198	0	198	197	0	197	
Feb	172	0	172.14	38	0	38	
Mar	192	-12	180.41	0	0	0	
Apr	191	-15	176.2	0	26	26	
May	200	-21	179.63	0	28	28	
Jun	204	-34	169.15	0	60	60	
Jul	210	-35	174.96	0	81	81	
Aug	210	-35	175.1	0	83	83	
Sep	195	-27	167.4	0	76	76	
Oct	192	-14	177.17	0	0	0	
Nov	86	0	85.626				
Dec	128	0	127.82				
Total	2178	-194	1984	235	354	589	



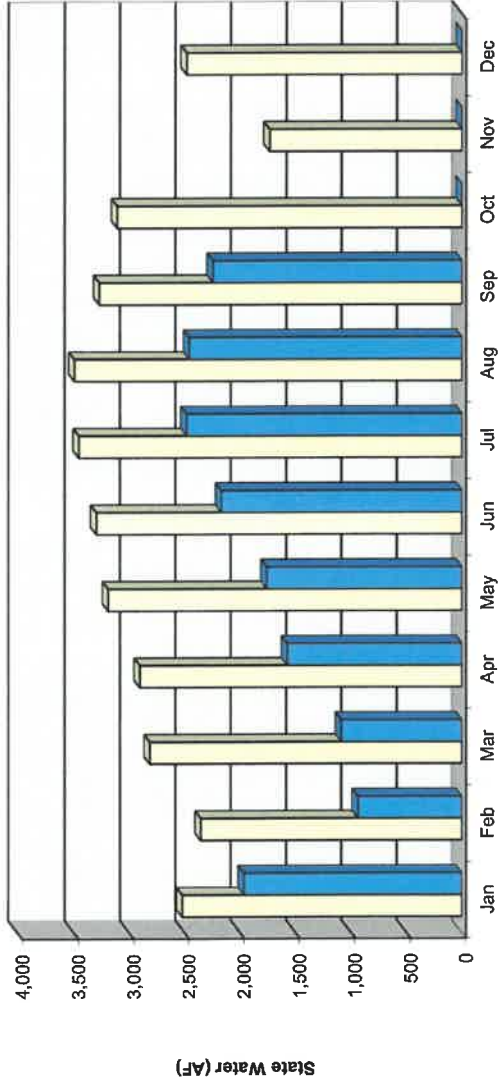
Total SB County - SWP Deliveries in Year 2019

Month	Requested Delivery	Actual Delivery
Jan	2,253	1,748
Feb	2,089	737
Mar	2,543	896
Apr	2,633	1,382
May	2,922	1,543
Jun	3,026	1,933
Jul	3,169	2,225
Aug	3,209	2,207
Sep	3,004	2,007
Oct	2,826	
Nov	1,635	
Dec	2,215	
Total	31,525	14,678



Total SB and SLO County - SWP Deliveries in Year 2019

Requested Delivery
Actual Delivery




Month	Requested Delivery	Actual Delivery
Jan	2,525	1,967
Feb	2,355	942
Mar	2,816	1,090
Apr	2,906	1,579
May	3,196	1,760
Jun	3,302	2,175
Jul	3,460	2,486
Aug	3,500	2,463
Sep	3,276	2,250
Oct	3,113	2,250
Nov	1,738	2,487
Dec	2,487	16,712
Total	34,675	16,712



CENTRAL COAST WATER AUTHORITY

MEMORANDUM

October 1, 2019

TO: CCWA Project Participants
FROM: John Brady, Deputy Director 
SUBJECT: 2019 DWR Scheduled Coastal Branch Shutdown

The Department of Water Resources (DWR) has finalized its schedule for the annual maintenance shutdown for the Coastal Branch of the State Water Project. This shutdown will require approximately two and one half weeks and will allow both DWR and CCWA to complete required maintenance work. To accommodate this work, CCWA staff will shutdown participant Turnouts as follows:

- All Turnouts will be shut down between 7:00 AM and 12:00 noon on Friday, November 1, 2019.

Once the shutdown maintenance work is complete, CCWA will activate Turnouts and resume water deliveries as follows:

- Water deliveries for the Golden State Water Company, City of Santa Maria, City of Guadalupe, Lopez, Chorro Valley and Shandon Turnouts will initiated between 8:00 AM and 12:00 noon on Monday, November 18, 2019.
- Water deliveries for Vandenberg Air Force Base, City of Buellton, City of Solvang and Santa Ynez RWCD ID#1 Turnouts will be initiated between 12:00 noon and 4:30 PM on Monday, November 18, 2019.

Please be advised that to prepare the pipeline for the duration of the shutdown, the chlorine residual will be raised in to the 3.5 mg/l range in water delivered during the week prior to the shutdown. This will ensure that water within the pipeline will remain potable throughout the outage. CCWA will also purge a portion of the pipeline through resuming lake delivery operations prior to activating Turnouts on the pipeline.

During the outage, CCWA will have the Treatment Plant Clearwell, Tank 2 and Tank 5 available as a limited source of emergency supply. Weekly bacteriologic water quality samples will be collected and analyzed throughout the shutdown period. If your system requires an emergency source of supply during the shutdown, please contact us to coordinate.

Please note that due to work downstream of Tank 7, there will be no source emergency supply downstream of Tank 7. This effects Buellton, Solvang and Santa Ynez ID#1.

If there are any changes to the above schedule, we will inform you as soon as practical. Thank you for your cooperation. If you have any questions, please call me at my office (805) 688-2292 ext 228 or on my cell phone (805) 680-2116 at anytime.




CENTRAL COAST WATER AUTHORITY

MEMORANDUM

October 14, 2019

TO: CCWA Board of Directors

FROM: Ray A. Stokes
Executive Director 

SUBJECT: Delta Conveyance Project Participation Decision by CCWA

SUMMARY

CCWA staff has provided presentations to the CCWA Board of Directors over the past several months on the current negotiations between the State Water Project (SWP) Contractors and the Department of Water Resources (DWR) to amend the long-term SWP contracts for a potential "Delta Conveyance Facility" (DCF).¹ The DCF is currently being considered by DWR to convey SWP water under the Sacramento-San Joaquin Delta (the Delta), through a single-tunnel with intakes on the Sacramento river above the delta and conveying the water to the existing SWP Banks pumping plant below the Delta.

In prior presentations, CCWA staff identified the problems associated with moving SWP water supplies solely through the Delta, which included increased regulatory restrictions to protect endangered fish, sea level rise and general climate change effects on the Delta and seismic risk which could result in a significant suspension in water delivery capabilities if the Delta were compromised in the event of a significant earthquake.

On August 1, 2019, I sent out the attached report titled "*Participation Decision in the State of California Department of Water Resources Delta Conveyance Project*" to the CCWA Board of Directors and all CCWA Project Participants providing background on issues associated with moving SWP water through the Delta, as well as proposed solutions to those problems from the prior Cal Waterfix project, and now, the single tunnel option. I requested that each CCWA member agency and project participant be prepared to provide a decision at either the September or October, 2019 CCWA Board meeting. As further described below, because the Board of CCWA will not meet in November or December, and because any decision to participate in the DCF will also require approval by the Santa Barbara County Flood Control and Water Conservation District, as the contracting party, unlike other Contractors, it is necessary that the Board consider this issue now, before the final participation documents (described in this memo) are provided to the Contractors. If the Boards elect to participate in DCF, it may be necessary to call a special meeting of the Board in November or December.

This report will summarize the current status of the current contract negotiations and request that the CCWA Board of Directors decide on whether to participate in, or to decline participation in, the DCF.

¹ Amendment of the SWP contracts to include the DCF is separate and independent of proposed amendments relating to extension of the term of the SWP contracts and amendments regarding certain water management tools.

DISCUSSION

A. Background

In May 2019, pursuant to Governor Gavin Newsom signing of Executive Order N-10-19, DWR rescinded all permit applications and planning efforts for the prior Cal Waterfix (Twin Tunnels) project and began working on a new single-tunnel, smaller project to convey water under the Delta (Now called the Delta Conveyance Project).

In June 2019, DWR and the SWP Contractors began contract amendment negotiations to amend the long-term water supply contracts for cost allocation and certain operational aspects of the DCF. Those contract amendment negotiations are still in process and may extend into the latter part of calendar year 2019.

It is anticipated that at the conclusion of the contract amendment negotiations, an "Agreement in Principle" (AIP) will be prepared, essentially outlining the various points of agreement between the Contractors and DWR to be included in the contract amendment. The current draft AIP in the public negotiations between DWR and Contractors includes provisions that there will be an ability for Contractors to opt in or out of the DCF. If the AIP is finalized with this provision, CCWA will be able to choose to opt in or out. It is expected that Contractors who elect to participate in DCF will be asked, as a condition of participation, to enter into a Funding Agreement that will require each participating Contractor to fund their allocated share of the planning costs. The AIP and Funding Agreement are collectively referred to as the participation documents in this report.

B. OPTIONS

1. Opt In: Elect to Participate in DCF

At the end of the negotiations of the AIP – likely before January 1, 2020 – it is anticipated that DWR will request that each SWP Contractor wanting to participate in the DCF (1) approve the AIP, and (2) agree to fund their allocated share of an additional \$350 million in additional planning costs to keep the project moving forward over the next few years (CCWA's share would be approximately \$3.8 million). Although a specific deadline has not yet been set, our expectation is that approval within a relatively short amount of time after negotiations are completed (i.e., 2 months) will be required in order to secure a Contractor's participation in the DCF and that absent approval of the AIP, the Contractor will be assumed to be out of the DCF.

DWR is unlikely to have a complete project description by the likely deadline to approve the AIP and Funding Agreement for the planning costs. However, DWR evaluated a 6,000 cfs single tunnel project in the first phase of the California Waterfix economic analysis, and so SWP Contractors can generally look to the results of that analysis to get an idea of the potential costs and benefits of a single tunnel project, (please refer to the attached report for an explanation of estimated costs and benefits).

As indicated above, the current draft AIP includes a table with a space for each contractor to fill in their level of participation in the DCF. It is anticipated that Contractors will be able to either opt-in to the DCF for their full Table A contract amount (or a higher amount, if so desired) or opt-out completely. It is not anticipated

that a SWP Contractor will be able to opt in to the project for less than their full Table A contract amount.

As a result, staff needs direction from the Board as soon as possible on how to fill in this table for CCWA.

2. Opt Out: Do Not Participate in DCF

If the Board elects not to participate in DCF, no action is required at this time and the Santa Barbara County Flood Control and Water Conservation District need not consider the matter.

Nevertheless, it should be noted that CCWA should continue to monitor, and may wish to execute, any amendment of the SWP Contract to implement the DCP as necessary to protect CCWA's interests as a non-participating Contractor or as a Contractor executing a subsidiary contract with another Contractor. However, execution of any contract amendment resulting from this AIP would not occur until after environmental review, which is likely a few years away.

QUESTIONS AND ANSWERS

What is the Process for CCWA to Opt In to DCF?

In order for CCWA to participate in DCF, the CCWA Board of Directors would have to vote to approve the AIP and agree to fund its share of the additional \$350 million in planning costs, estimated to be about \$3.8 million. This decision would then have to go to the Santa Barbara County Board of Supervisors (Santa Barbara County Flood Control and Water Conservation District holds the contract with DWR) to approve and execute both the AIP and the Funding Agreement in advance of the deadline DWR will set for approving both.

What is the Process for CCWA to Opt Out of DCF?

If CCWA elects not to participate in DCF, no action is required.

What are the Options if CCWA Opts Out of DCF?

If CCWA votes to opt out of DCF, CCWA staff will send a letter to Santa Barbara County and to DWR notifying each of CCWA's decision to opt out of DCF. Again, a decision on approval of the proposed contract amendment would be made at a later time after the full environmental analysis is completed and DWR provides proposed contract amendment language to the 29 SWP Contractors.

What if One or More CCWA Project Participants Wish to Participate in DCF but CCWA Votes to Opt Out?

As is currently contemplated in the draft AIP, a SWP Contractor (not a CCWA member) can only participate in DCF for at least their full Table A contract amount, or not at all. However, completely separate from DCF, the proposed water management tools contract amendment expected to be approved in the near future would likely help facilitate water transfers between contractors.

If CCWA Opts Out of the DCF, Can We get in at a later time?

No. If CCWA opts out of the DCF and does not approve the AIP and execute the funding agreement (through Santa Barbara County), there is no option to get back into the DCF at a later time.

REQUESTED BOARD ACTIONS

1. Does the CCWA Board of Directors elect to opt in to the DCF, or to opt out of the DCF?
 - a. If the CCWA Board of Directors elects to opt in to the DCF, staff will include CCWA's participation in the participation table in the AIP. A subsequent meeting of the Board may be required to consider the final AIP and Funding Agreement and to request the County Board of Supervisors' approval and execution of these documents on behalf of CCWA.
 - b. If the CCWA Board of Directors elects to opt out of the DCP, staff will indicate that CCWA does not intend to participate and a zero will be included for CCWA's participation in the AIP.

RAS

Attachments




CENTRAL COAST WATER AUTHORITY

MEMORANDUM

August 1, 2019

TO: CCWA Board of Directors
CCWA Member Agencies
CCWA Project Participants

FROM: Ray A. Stokes 
Executive Director

SUBJECT: Participation Decision in the State of California Department of Water Resources
Delta Conveyance Project

SUMMARY

At the Direction of Governor Newsom, the Department of Water Resources (DWR) rescinded all approvals and withdrew all requested applications for permits and approvals for the project previously referred to as "Cal Waterfix" or, more commonly, the "twin-tunnels" project. Governor Newsom directed DWR to engage in planning efforts for a strategically designed single tunnel to deliver water through the Delta. As a result, on May 2, 2019, DWR informed the State Water Project Contractors (SWC) that it had rescinded its approvals and began withdrawing proposed permits for the Cal Waterfix project and planning for a smaller, single-tunnel project.

DWR is currently working on defining a proposed single tunnel project, which is being referred to as the "Delta Conveyance" project" (DC). As part of this, on July 24, 2019, DWR and the State Water Project (SWP) Contractors began negotiations to amend the long-term water supply contracts to define the cost allocation and water supply benefits from a DC facility. It is anticipated that at the conclusion of the contract amendment negotiations, anticipated to be completed by the end of August 2019, a set of "Agreements in Principle" (AIP) will be made available summarizing the various proposed amendments to the State Water Contract for consideration by each of the SWP Contractors. DWR is requesting that each SWP Contractor take an action to approve a proposed AIP and indicate whether each will be participating in the planning costs for DC. It is expected that DWR will set a date-certain for these votes to occur.

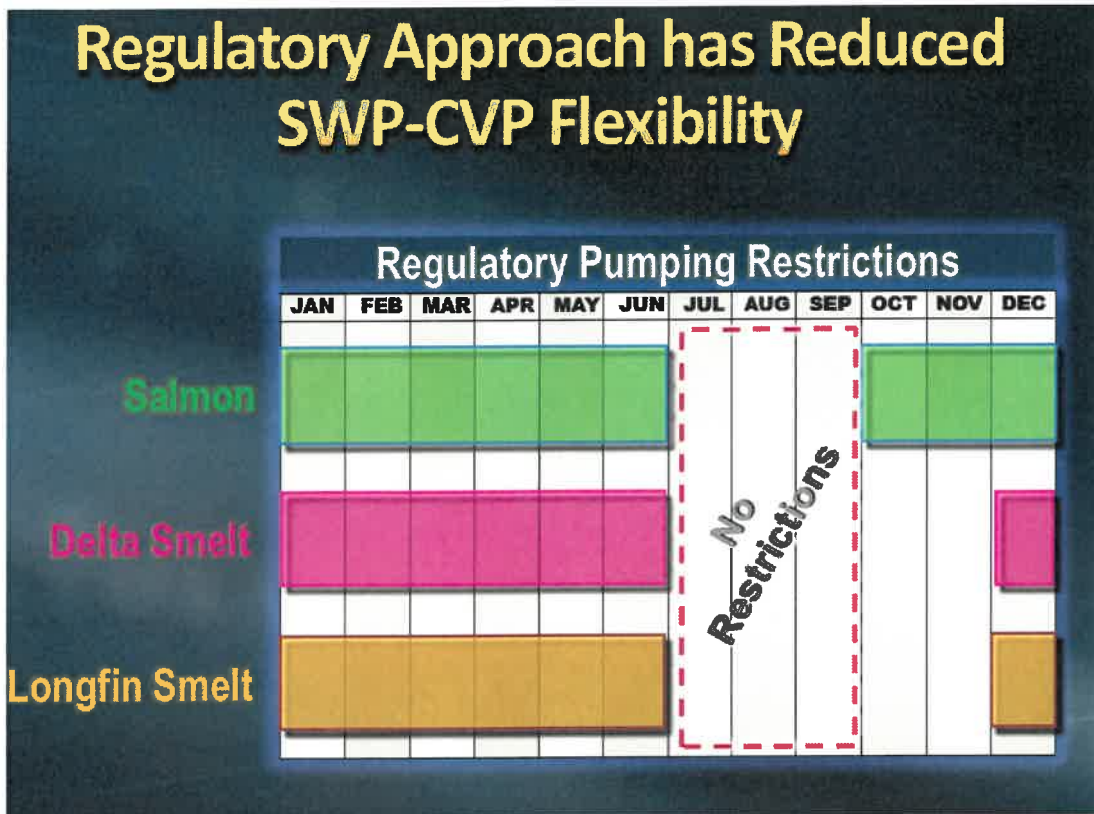
This report will summarize the following:

1. What problems is Delta Conveyance trying to address?
2. How did Cal Waterfix (formally withdrawn) propose to address those issues?
3. Benefits of Delta Conveyance
4. DWR/SWP Contract Amendment Negotiations
5. Single Tunnel Delta Conveyance Cost Estimates
6. Key Considerations
7. Likely DWR Requests of Individual SWP Contractors
8. CCWA Project Participant and Board Decisions

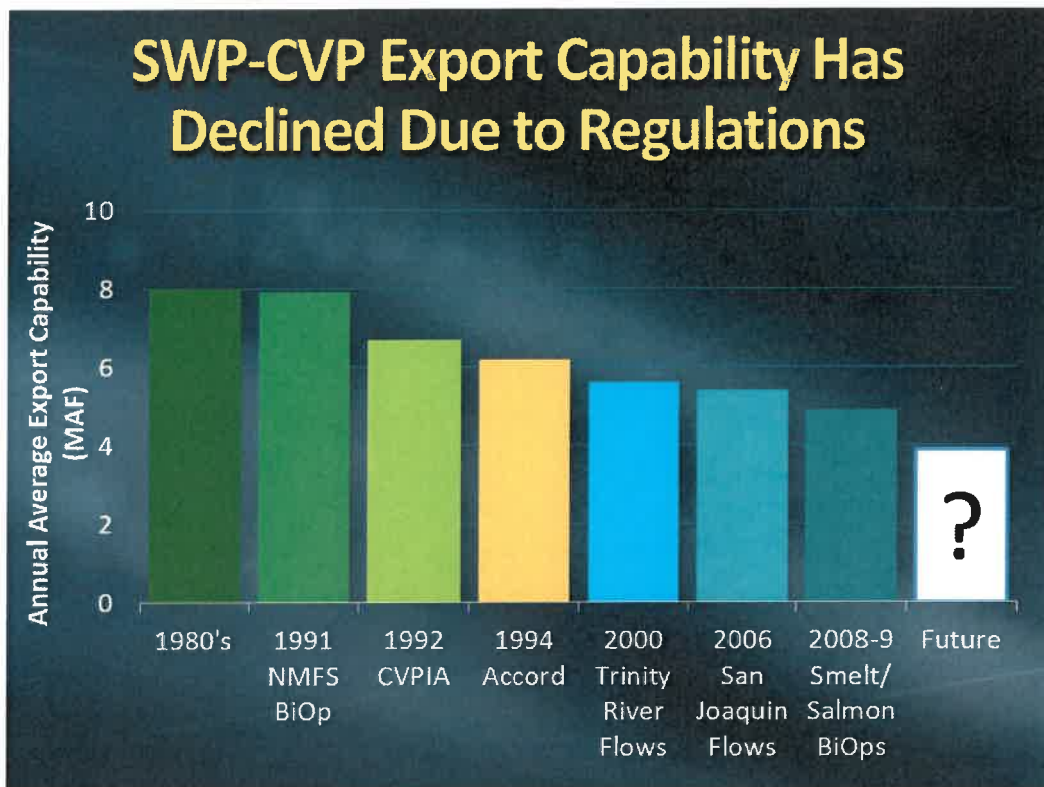
What Problems is Delta Conveyance Trying to Address?

There has been a continual decline in the amount of water than can be exported from the Sacramento-San Joaquin Delta over the years.

The various fish regulatory agencies have continued to impose pumping restrictions on both the state and federal water projects. In fact, the following graph shows that the only months in which there is not some sort of pumping restrictions for endangered fish species are in the months of July to September.



Due to the increased pumping restrictions, there has been a continual decline in the amount of exports through the Sacramento-San Joaquin Delta (the Delta) as shown below.

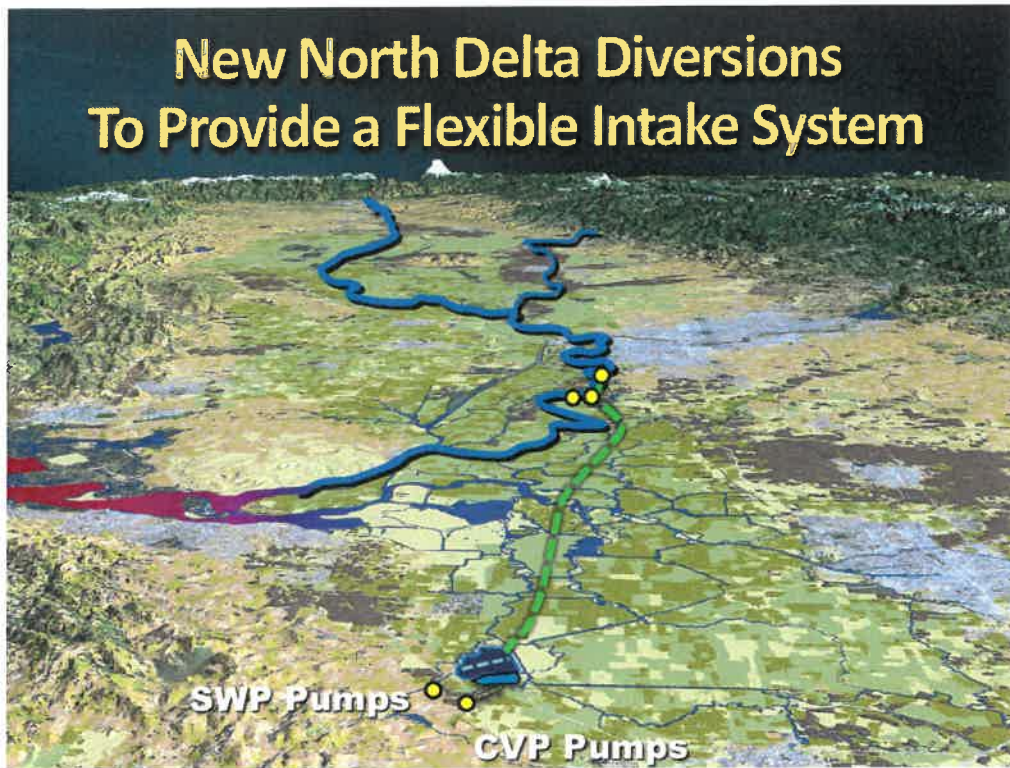


In addition to the increasingly restrictive regulatory environment, the current conveyance relies on a levee system that is vulnerable to earthquakes and other failures, does not easily respond to inner seasonal swings in hydrology projected under climate change, and is not situated to be resilient to sea level rise. DWR estimates that without some form of alternative conveyance to move water around or under the Delta (i.e., tunnel), that the long-term export capabilities of the SWP will be around 48%, down from the current 62%.

How Did Cal WaterFix Propose to address those problems?

Cal Waterfix proposed to construct two 40 foot diameter tunnels underneath the Delta, about 30 miles long, 150 feet underground with a total capacity of 9,000 cubic feet per second (cfs) of capacity. The project would have installed three new intakes on the Sacramento River, which would then flow into the underground tunnels to the existing State and Federal pumps located in the south Delta as shown below.

The use of a dual conveyance system would address some regulatory issues by installing state of the art fish screening techniques; would address levee failure risks by providing an ability to convey water to the export facilities even under conditions where movement through leveed channels could not occur; and would address climate change by providing a second point of diversion for more flexibility, located at a higher elevation than the existing pumps to ensure access to fresh water.



With the Governor's revised direction for Delta Conveyance, it is anticipated that there would be a single tunnel with less capacity, but still moving water under the Delta to the existing SWP pumps in the south Delta.

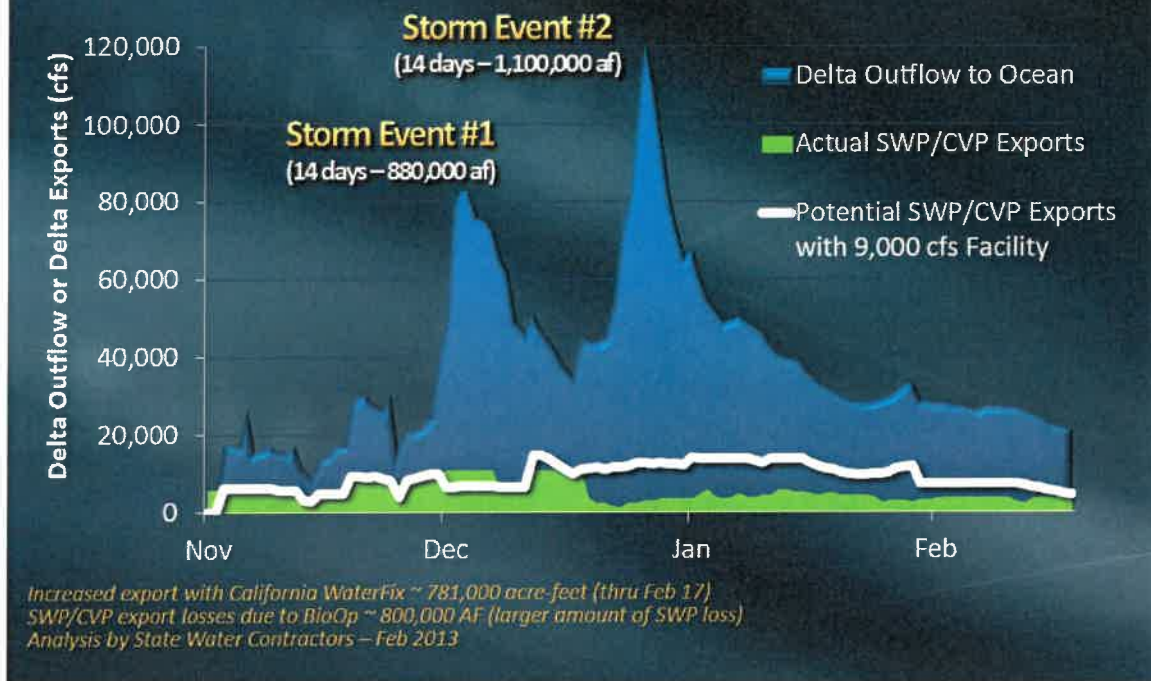
Benefits of Alternative Conveyance

Again, we do not yet know the scope of the project that DWR will propose, but the prior analysis done under Cal Waterfix provides some idea of the "type" of benefits moving SWP under the Delta could achieve.

Additional Exports During High Flow Events

One of the benefits of dual conveyance and moving a portion of the SWP water under the Delta as opposed to "through the Delta", is the ability to take "big gulps" of water when there is high flow due to storm activity. The following graph shows an analysis of two storm events in the winter of 2012-13, the amount of flow to the ocean, the actual amount of state and federal project exports and the amount that could have been exported, if Cal Waterfix had been in place, while still meeting the various regulatory protections currently in place. Again, we don't know the benefits a revised DC will provide, but this gives a general idea of the concept.

Analysis of Excess Storm Flow Winter 2012-2013



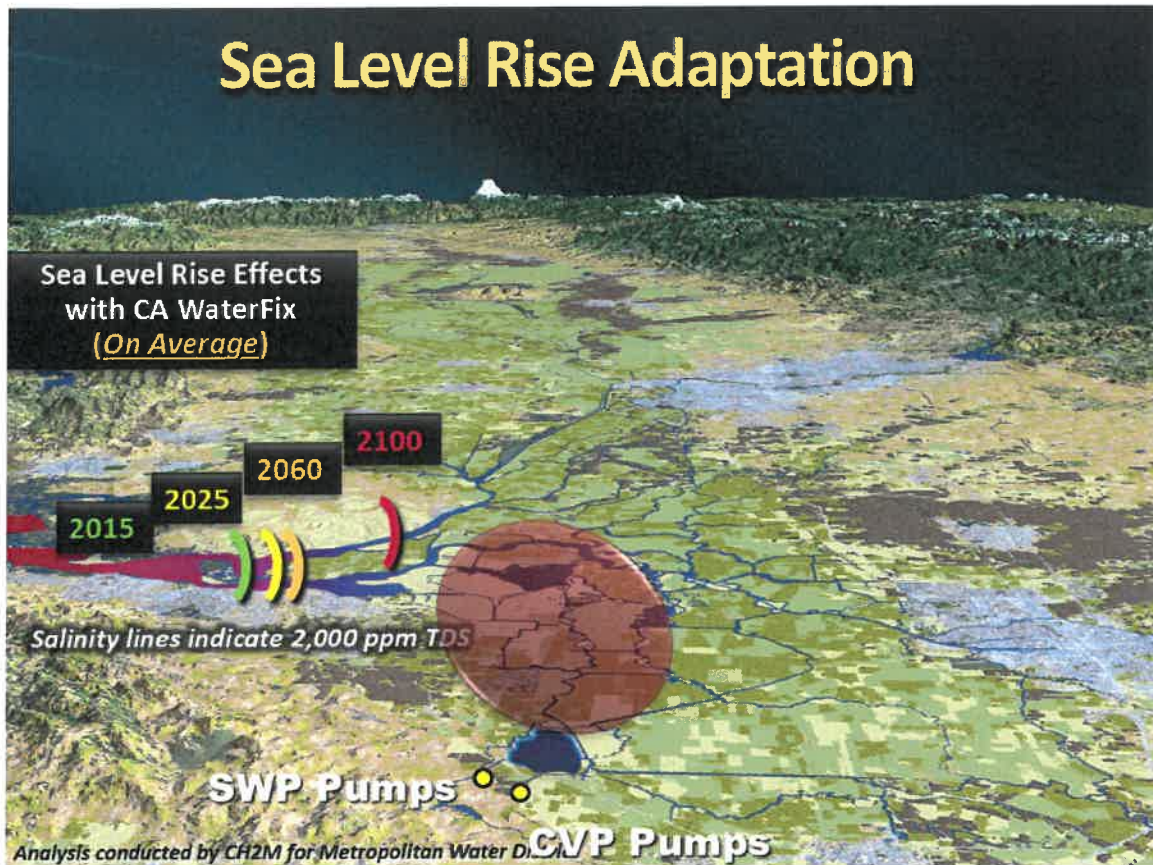
Climate Change Risk

Climate change will have a significant impact on the export capability of the SWP. That's due to:

- Sea level rise
- Reduced snowpack
- Changing precipitation patterns
- Changing runoff timing and intensity

The following graphic shows estimates of additional salinity within the Delta due to sea level rise and highlighting the close proximity to the interior of the Delta and the pathway to the pumps.

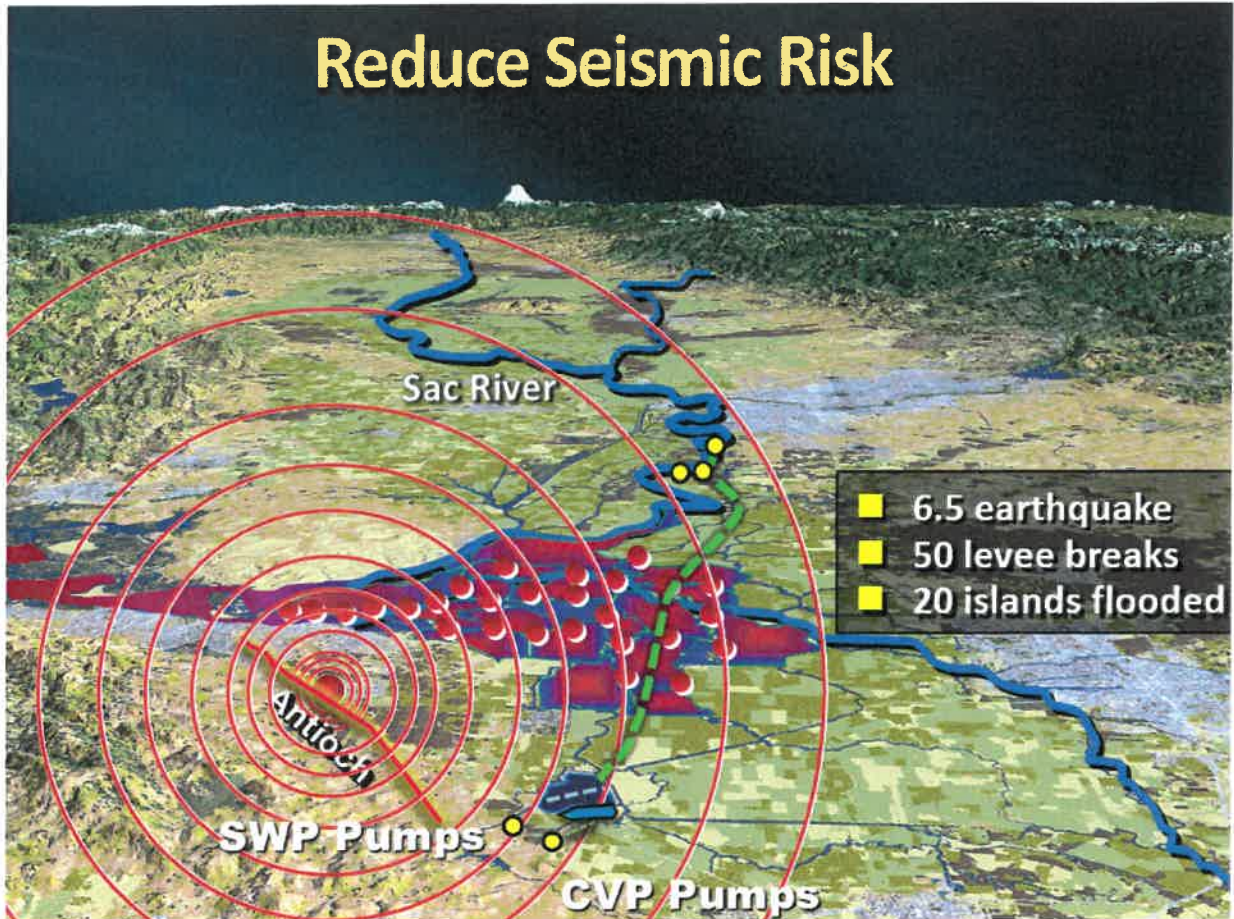
Sea Level Rise Adaptation



Seismic Risk

Studies on the impact of seismic risk in the Delta show that there is a 63% probability of a 6.5 magnitude earthquake or greater by the year 2032. The impact of such an earthquake on the ability to deliver SWP through the Delta, is that there is a great potential for significant levee failures within the delta, resulting in the flooding of delta islands and large quantities of seawater rushing in to flood the breached levees and islands. By installing a tunnel underneath the Delta, the seismic risk to water supply is substantially reduced.

Reduce Seismic Risk



DWR/SWP Contract Amendment Negotiations

On July 24, 2019, DWR and the SWP Contractors entered into negotiations to amend the SWP Contract for a single-tunnel DC. While DWR has not yet provided information on the revised DC, it is anticipated that the basic framework for the cost allocation and accounting for benefits can be addressed in an AIP. The negotiations will inform a Notice of Preparation for DC project environmental review.

The following represents the SWP Contractor's initial offer to DWR on July 24, 2019 for the cost-allocation portion of the proposed amendments. Obviously, since this is a negotiation process, this is just a starting point and it may change. However, the following general principles represent the current basis for consideration to be used in deciding to participate in the planning of DC or not (a more detailed version of the SWP Contractor initial offer is attached to this report).

1. "Opt-In" approach: SWP Contractors can either opt-in to the project for their full contracted Table A amount, or opt-out completely.
2. DC is a SWP facility integrated with the existing SWP
3. DC water established as a new type of SWP water
4. DC water and rights to use available capacity allocated to participating SWP Contractors.
5. "Non-Participants" may use available capacity (if any) and pay all associated costs of DC
6. Five north of Delta public water agencies excluded from the DC

7. AIP from contract negotiations to include:
 - a. Description of Opt-In framework
 - b. Schedule of SWP Contractor proposed participation
 - c. Cost accounting principles
 - d. Water accounting/forecasting/administration
 - e. General Operations Principles:
 - i. Delivery priority
 - ii. Use of available capacity in DC
 - iii. Use of San Luis Reservoir
 - iv. Carriage water savings
 - f. Dispute resolution – a description of a dispute resolution process

Single Tunnel Delta Conveyance Cost Estimate

Since we do not yet know the project DWR will propose, we can only use cost estimates that were performed under Cal Waterfix. In the environmental analysis done for Cal Waterfix, a single tunnel, 6,000 cfs facility was analyzed. The following cost estimates are based on estimates provided in that analysis.

Key Principles

- Opt In/Out (full Table A or opt out completely)
- May be able to enter into an agreement for a portion of the project from those SWP Contractors opting in (i.e., another SWP Contractor may be willing to transfer a portion of their participating rights in the project if CCWA opts out of the DC)
- Costs follow the water

Key Financing Assumptions

- 40-year bond term at 6%
- Construction Costs (\$11 billion cost estimate, with 3% inflation per year over a ten-year construction period resulting in a total construction cost of \$14 billion)
- Estimated average cost per year when operational of about \$1 billion
- CCWA share of the project: 1.09% (Table A contract percentage of 45,486 AF)

Preliminary Cost Estimate

The following table shows that CCWA's share of a \$14 billion project would be about \$153 million. Based on an estimated \$1 billion cost per year (includes operations and maintenance costs and repayment of capital costs), CCWA's share would be about \$10.9 million per year, or \$240 per acre-foot (\$10.9 million divided by 45,486 AF).

PRELIMINARY COST ESTIMATES ONLY

Construction Cost Estimate	\$14 Billion
(CCWA share of construction Cost \$14 B times 1.09%)	\$ 152,600,000
Bonding Term	40 years
Interest Rate:	6%
Estimated Average Costs per year with O&M	\$1 Billion

CCWA Estimated Annual Costs	\$ 10,900,000
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CCWA Estimated Annual Costs per AF: (1)	\$ 240
--	---------------

(1) \$10.9M divided by 45,486 AF Table A amount.

Incremental Water

Again, not knowing what additional water supply benefits will be provided (and based on the previous Cal Waterfix analysis), if one assumes the long-term reliability of the SWP will continue to decline to around 48% of current contract amounts, and that DC will provide on average, 67%, CCWA could realize an increase in water (incremental water) of 8,459 acre-feet per year above what is projected to occur in the future given the regulatory, climate change, and seismic risks described above. If you divided the \$10.9 million by the additional water supply of 8,459 AF, the additional cost for the incremental water is \$1,289/AF.

Cost of Additional Reliability from Participating in the Project

Annual additional Reliability from participating in the conveyance project (acre-feet)	8,459
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Est. Annual Cost to CCWA:	\$ 10,900,000
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Annual Cost Per Acre-Foot of Additional Reliability	\$ 1,289
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Additional Planning Costs

The Delta Conveyance Design and Construction Authority (DCA) is the agency that would design and construct the DC facilities. The DCA will not begin construction until a DC project is defined and has secured necessary permits, but can begin planning and design work that can advance design to better inform the environmental analysis, including defining appropriate mitigation. The DCA has stated it needs an additional \$350 million in planning costs to continue the design of the project. The additional funds will be paid by those SWP Contractors that opt-in to the project and a separate funding agreement will be executed with DWR so that the funds can be collected on the annual Statement of Charges.

If CCWA were to opt-in to the DC, based on the Cal Waterfix analysis, CCWA's share of the \$350 million would be approximately \$3.8 million.

Summary of Estimated Costs

The following table shows an estimate of the cost to CCWA by project participant using the criteria listed above.

- Column 1: Shows CCWA's estimated share of \$14 billion in construction costs
- Column 2: Shows each CCWA project participant's share of the additional \$350 million in planning costs, should CCWA opt-in to the project.
- Column 3: Shows the estimate by project participant of the annual cost of participating in DC. Based on \$1 billion per year on average to repay the capital costs and annual operations and maintenance costs.
- Column 4: Estimated annual costs (column 3) divided by Table A amount, including drought buffer

Estimated Cost of Delta Conveyance Project

Project Participant	Table A		(1)	(2)	(3)	(4)
	Including Drought Buffer	Percentage	Estimated Total Capital Cost	Additional Planning Costs (\$350M)	Est. Annual Costs of DCP w/O&M	Est. Annual Costs of DCP (\$/AF)
Guadalupe	605	1.33%	\$ 2,029,701	50,743	\$ 144,979	\$ 240
Santa Maria	17,820	39.18%	59,783,934	1,494,598	4,270,281	240
Golden State Water Co.	550	1.21%	1,845,183	46,130	131,799	240
VAFB	6,050	13.30%	20,297,014	507,425	1,449,787	240
Buellton	636	1.40%	2,133,703	53,343	152,407	240
Santa Ynez (Solvang)	1,500	3.30%	5,032,318	125,808	359,451	240
Santa Ynez	700	1.54%	2,348,415	58,710	167,744	240
Goleta	7,450	16.38%	24,993,844	624,846	1,785,275	240
Morehart	220	0.48%	738,073	18,452	52,720	240
La Cumbre	1,100	2.42%	3,690,366	92,259	263,598	240
Raytheon	55	0.12%	184,518	4,613	13,180	240
Santa Barbara	3,300	7.25%	11,071,099	276,777	790,793	240
Montecito	3,300	7.25%	11,071,099	276,777	790,793	240
Carpinteria	2,200	4.84%	7,380,733	184,518	527,195	240
Subtotal	45,486	100.00%	\$ 152,600,000	\$ 3,815,000	\$ 10,900,000	\$ 240

KEY CONSIDERATIONS

Participation Risk

As stated earlier, CCWA could opt out of DC right now and then determine if any individual CCWA project participants wish to participate in DC and try to enter into a separate transfer agreement with another participating SWP Contractor. However, there are risks to this approach:

- It is anticipated that if an individual SWP Contractor does not approve the AIP shortly after the AIP is developed and agree to provide planning funds, the project that DWR defines and is analyzed will not include participation by such Contractor and they will be assumed to be out of the project

- DWR may size the project for only those SWP Contractors opting in
- Other SWP contractors may not have excess to transfer to CCWA
- Might be a premium to get in later
- If we don't participate now, the primary mechanism to participate later would be through transfer agreements with a participating contractor.
- Participating now (approving an AIP and approving planning funds) only "reserves" our participation until we can review and analyze the actual project DWR will analyze and propose (i.e., the FINAL decision will occur when DWR presents the proposed contract amendments to the SWP Contractors AFTER the full environmental analysis).

Seismic Risk

If CCWA does not participate in DC and the Delta is not available to convey SWP water, we may not be able to receive SWP water for an extended period of time.

Reliability Risk

Is 48% long-term reliability for those not participating in the DC realistic? If it is, can individual CCWA project participants live with a continued decline in the long-term reliability of the SWP?

DWR Requests of Individual SWP Contractors

We anticipate DWR requesting each SWP Contractor to do the following:

1. At the conclusion of the contract amendment negotiations, take an action on the Agreements in Principle (AIP) indicating whether they approve the AIP and if they are electing to participate in DC.
2. If the SWP Contractor is electing to participate in DC, sign a funding agreement for their allocated share of the additional \$350 million in planning costs.

CCWA Project Participant and Board Decisions

1. CCWA will share with all CCWA project participants the AIP and any other pertinent information developed over the course of the negotiation as it is developed.
2. CCWA is asking each CCWA project participant to consider their position on participating in DC. This includes those project participants that are not represented on the CCWA Board of Directors, as shown below:
 - La Cumbre Mutual Water Company
 - Vandenberg Air Force Base
 - Golden State Water Company
 - Morehart Land Company
 - Raytheon Systems, Inc.

For the project participants listed above, please communicate your participation interest to Ray Stokes before September 26, 2019 at ras@ccwa.com

For CCWA member agencies represented on the Board of Directors, your participation decisions will be made at the Board meeting.

3. The CCWA Board of Directors will vote to consider CCWA participation in DC at its meeting on September 26, 2019 (note: This date might get pushed to the October 24, 2019 meeting if the SWP contract amendment negotiations extend beyond August 2019).
4. Following the vote by the CCWA Board of Directors, CCWA will communicate its decision to the Santa Barbara County Flood Control and Water Conservation District (SB County), as the contracting agency with DWR.

If you have any questions regarding this information, please contact Ray Stokes at (805) 697-5214 or ras@ccwa.com

RAS

Attachment

AGREEMENT IN PRINCIPLE DRAFT WORKING DOCUMENT
Draft – October 2019
DISCUSSION VERSION WITH LIMITED TRACK-CHANGES

This working document for an agreement in principle is developed from the State Water Contractor Public Water Agencies' offers presented from July 24, 2019 to present, the Department of Water Resources' offers presented from July 31, 2019 to present, and information discussed and presented by the technical work groups. The content and format of this document are preliminary in nature and subject to modification.

Language in this document is formatted in order to aid the reader in distinguishing new text of DWR's third offer from text derived from prior offers.

- *Bluelined text* identifies PWAs' fourth offer.
- *Redlined text* identifies DWR's fourth offer.

**Agreement in Principle for the State Water Project Water Supply Contract Amendment
on a
Delta Conveyance Project**

This Agreement in Principle (AIP) is by and between the undersigned State Water Project Public Water Agencies (PWAs) and the State of California through the Department of Water Resources (DWR) for the purpose of amending the State Water Project Water Supply Contracts.

I. AIP Objectives

- A. Develop an agreement between the State Water Project Contractor Public Water Agencies and Department of Water Resources to equitably allocate costs and benefits of a potential Delta Conveyance Facility that preserves operational flexibility such that the Department of Water Resources can manage the State Water Project to meet regulatory requirements, contractual responsibilities, and State Water Project purposes.
- B. The DCF will provide benefits to the SWP as a whole, including potentially enhanced water supply reliability. The DCF shall be operated to equitably balance the overall improvements with the significant investments being made by the Participating PWAs, while recognizing the significant investments that all PWAs have made and will continue to make. [MOVED VERBATIM FROM SECTION V.A]

II. Definitions

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-
- A. **Delta** shall mean the Sacramento-San Joaquin Delta as defined in Section 12220 of the California Water Code on the date of approval of the Bond Act by the voters of the State of California.
- B. **State Water Project (SWP)** shall mean the State Water Resources Development System as described in California Water Code section 12931.
- C. **State Water Project Contract Public Water Agencies (PWAs)** shall include the 29 entities holding State Water Project Water Supply Contracts with the Department of Water Resources.
- D. **North of Delta Public Water Agencies** shall mean the public water agencies of County of Butte, Plumas County Flood Control and Water Conservation District, City of Yuba City, Solano County Water Agency, and Napa County Flood Control and Water Conservation District.
- E. **Delta Conveyance Facility (DCF)** shall mean those facilities of the State Water Project consisting of a water diversion intake structure, or structures, located on the Sacramento River and connected by facilities to Banks Pumping Plant in the southern Delta with a single tunnel that will, in whole or in part, serve the purposes of this AIP.
- F. **Delta Conveyance Facility Water (DCF Water)** shall mean Project Water ~~diverted at and~~ attributable to the Delta Conveyance Facility.
- G. **Contracted Proportionate Share (CPS)** shall mean ~~the~~ each PWA's agreed upon level of participation to allocate costs and benefits as specified in section IV ~~proportion of participation for a PWA for DCF Water as specified in section III, including and rights to use available capacity in any Delta Conveyance Facility as specified in section III.V.D of this AIP.~~
- H. **Clifton Court Forebay Diversion** shall mean the existing diversion at Clifton Court Forebay facility through its intake located on Old River in the southern Delta and the associated Skinner Fish Facility.
- I. **Banks Pumping Plant** shall mean the existing Banks Pumping Plant facility located near the town of Tracy, CA that pumps water into the existing State Water Project California Aqueduct.
- J. **Participating PWA** shall mean an SWP contractor with a ~~Contracted Proportionate Share~~ CPS greater than 0zero.
- K. **Non-Participating PWA** shall mean an SWP contractor with a ~~Contracted Proportionate Share~~ CPS of 0zero.
- L. **Non-project water** shall have the meaning as defined in the State Water Project Water Supply Contracts.
- M. **DCF Available Capacity** means capacity in the DCF that is in excess of State Water Project purposes and available to move non-project water, given physical and regulatory constraints, as determined by DWR.
- III. Cost Allocation, Charges, and Participation Framework [PWA Second Offer Section II.]
- A. Proposed Framework
- The PWAs propose an "Opt-In" approach where each "Participating PWA" opts to participate in a DCF at a level in proportion to its ~~Contracted Proportionate Share~~ CPS. A

Commented [MT(1): TBD – DWR has not yet accepted this change.

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PWAs Contracted Proportionate Share CPS shall be the proportion of at least its Agricultural or M&I Table A amount of its contract.

The five North of Delta Public Water Agencies will not participate in any DCF and will be excluded from payment of capital, operations, maintenance, power, and, replacement costs for any DCF.

- B. ~~Delta Conveyance Project Capacity: [TBD]The potential Delta Conveyance Project, if pursued and approved, would consist of new Delta water conveyance facilities of the State Water Project to be owned and operated by DWR that would convey water from the Sacramento River north of the Delta through a single main tunnel directly to the existing SWP Banks pumping plant, and potentially, Central Valley Project (CVP) Jones pumping plant located in the south Delta. The capacity of the SWP share of a potential Delta Conveyance Project assumed for this AIP is _____ cubic feet per second.~~
- C. General principles for charges associated with any DCF are that capital costs and fixed Operations, Maintenance, Power and Replacement (OMP&R) costs of any DCF will be billed to and collected from each of the PWAs through the annual Statements of Charges consistent with each PWA's CPS in any DCF. Variable costs of conveying water through any DCF will be equitably allocated as described in detail in this section.
[MOVED VERBATIM FROM SECTION V.B.; SUBSECTIONS HERE MOVED FROM V.B.2]

1. DCF Fixed Charge Components

- a. All fixed capital and minimum OMP&R costs associated with any DCF will be 100% reimbursable and recoverable by DWR from PWAs through a separately stated line item in the annual Statement of Charges referencing a separate DCF invoice. All such costs will be charged in proportion to each PWA's Contracted Proportionate Share in any DCF. These costs shall be allocated to and billed under two new charges as follows:
 - i. DCF Capital Charge Component
 - ii. DCF Minimum OMP&R Component
- b. Use of any DCF by or on behalf of a Participating PWA to convey that PWA's non-project water, including under V.D.2, shall not result in additional DCF Fixed Charges.
- c. DCF Capital Charge Component is comprised of four categories
 - i. Charges to recover the annual Financing Costs of Water Systems Facility Revenue Bonds, the proceeds of which are used to pay DCF Capital Costs.
 - ii. Charges pursuant to Article 61(b)(5) of the SWP Water Supply Contracts to recover DCF Capital Costs paid with amounts in the State Water Resources Development System Reinvestment Account.

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-
- iii. Charges to recover on a current basis DCF Capital Costs paid annually for assets that will have a short economic useful life or will not have a substantial cost.
 - iv. Charges to allocate appropriately, if necessary, DCF Capital Costs prepaid or otherwise advanced. To the extent legally and otherwise feasible, DWR will use Revenue Bond proceeds to reimburse DCF Capital Costs advanced by DWR, PWAs, or others prior to the commencement of construction and will include the financing costs of such revenue bonds in DCF Capital Charges.
 - d. DCF Minimum OMP&R Charge Component: Charges under this component will recover the estimated and/or actual annual fixed OMP&R costs of any DCF.
2. DCF Variable OMP&R Charges: Charges under this component will recover the estimated and/or actual annual variable OMP&R costs of any DCF.
- a. [TBD]
3. Power Costs Incurred During Construction: Per the DWR capitalization policy, any power costs (for example, power supply, grid connections, transmission) incurred to construct any DCF shall be capitalized during Construction Work in Progress, as used in DWR's financial statements, and costs are 100% reimbursable recovered through the DCF Capital Charge Component.
4. Charge Redetermination: All DCF charges shall be subject to redetermination.
- D. For all non-Participating PWAs use of the DCF, DWR will apply a fair compensation charge which will include, but not limited to, capital, operations, maintenance, replacement, and variable charges. These charges will be credited back to the Participating PWAs in proportion to their CPS. [REPHRASED PARAGRAPH FROM THE END OF SECTION V – see third offer page 9]

Commented [MT(2)]: PWAs indicated they would be addressing this section in a counter-offer.

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IV. Public Water Agencies Proportionate Share
 A. Contracted Proportionate Share

Public Water Agency (PWA)	Contracted Proportionate Share (%)
Alameda County Flood Control and Water Conservation District Zone 7	
Alameda County Water District	
Antelope Valley-East Kern Water Agency	
City of Yuba City	0
Coachella Valley Water District	
County of Butte	0
County of Kings- Government Center	
Crestline-Lake Arrowhead Water Agency	
Desert Water Agency	
Dudley Ridge Water District	
Empire West Side Irrigation District	
Kern County Water Agency	
Littlerock Creek Irrigation District	
Metropolitan Water District of Southern California	
Mojave Water Agency	
Napa County Flood Control and Water Conservation District	0
Oak Flat Water District	
Palmdale Water District	
Plumas County Flood Control and Water Conservation District	0
San Bernardino Valley Municipal Water District	
San Gabriel Valley Municipal Water District	
San Geronio Pass Water Agency	
San Luis Obispo County Flood Control and Water Conservation District	
Santa Barbara County Flood Control and Water Conservation District	
Santa Clara Valley Water District	
Santa Clarita Valley Water Agency	
Solano County Water Agency	0
Tulare Lake Basin Water Storage District	
Ventura County Watershed Protection District	
Total:	100

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B. Alternative Framework

For purposes of CEQA analysis, the PWAs may propose that an alternative cost allocation be included in the AIP and evaluated in the EIR.

V. Accounting and Administration of Operations Related to the Delta Conveyance Facility

A. Integration into the State Water Project Generally

1. DWR will continue to operate the SWP, including any DCF, at its sole discretion, considering all applicable regulatory and contractual requirements and restrictions, and coordinate with PWAs in a timely manner ~~that is transparent and timely.~~
2. ~~The DCF will provide benefits to the SWP as a whole, including potentially enhanced water supply reliability. The DCF shall be operated to equitably balance the overall improvements with the significant investments being made by the Participating PWAs, while recognizing the significant investments that all PWAs have made and will continue to make. [MOVED UP IN DOCUMENT TO SECTION I]~~
3. After any use by DWR for conveyance of Table A water or DCF Water, and to the extent DWR determines capacity is available, use of DCF is available to each PWA as specified in section V.D of this AIP. ~~in proportion to its Contracted Proportionate Share in any DCF.~~
4. DWR forecasting and planning processes will incorporate any DCF.
 - a. DWR will continue to produce Table A allocation forecasts.
 - b. DWR will provide DCF Water forecasts on a timeframe similar to the Table A allocation forecasts, or more frequently where SWP operations and hydrological conditions warrant.
5. DWR operational scheduling and accounting processes will incorporate any DCF and will distinguish between Table A water (that which can be delivered absent the DCF) and DCF Water (additional water diverted at and attributable to any DCF).
6. ~~Article 21 Administration: TBD]~~
7. Operational Conflicts and Priorities
 - a. Article 12(f) of the State Water Project Water Supply Contracts will be assessed and, if necessary, modified to specifically establish an equitable priority for conveyance of water ~~through Clifton Court Forebay, Banks Pumping Plant, the existing SWP facilities, any DCF.~~
 - b. Clifton Court Forebay Diversion Intake Priority: In the event that DWR uses its discretion to move Table A water through the DCF, participants will be given a first priority of available capacity to move up to that same amount of non-project water at Clifton Court Forebay Intake. Except as provided here, there shall be no other changes to the use and operation of Clifton Court Forebay Intake.

Commented [MT(3)]: PWAs indicated that they would be addressing this section in a counter-offer.

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- c. Banks Pumping Plant Priority: TBD.
- d. San Luis Reservoir: TBD
- e. Other existing SWP facilities priority: TBD

B. Water Accounting and Charges

~~General principles for accounting and charges associated with any DCF are that capital costs and fixed Operations, Maintenance, Power and Replacement (OMP&R) costs of any DCF will be billed to and collected from each of the PWAs through the annual Statements of Charges consistent with each PWA's Contracted Proportionate Share in any DCF. Variable costs of conveying water through any DCF will be equitably allocated as described in detail in this section. [MOVED UP TO SECTION III.C]~~

~~1. Water Accounting~~

~~2. DWR will implement a timely accounting process to determine water supply benefits associated with any DCF.~~

- ~~a. An accounting process shall consist of validating the operational scheduling processes with actual deliveries in order that DCF Water is benefitting PWAs consistent with their respective Contracted Proportionate ShareCPS.~~

~~3. Carriage water savings that DWR determines are realized during its operation of any DCF for purposes of conveying Table A water will be credited to Participating PWAs consistent with their respective Contracted Proportionate ShareCPS in any DCF.~~

~~4. DCF Water and the rights to use available capacity in any DCF as specified in section V.D of this AIP will be allocated to PWAs consistent with their respective Contracted Proportionate ShareCPS in any DCF.~~

~~5. DCF Fixed Charge Components [MOVED UP TO SECTION III.C]~~

~~a. All fixed capital and minimum OMP&R costs associated with any DCF will be 100% reimbursable and recoverable by DWR from PWAs through a separately stated line item in the annual Statement of Charges referencing a separate DCF invoice. All such costs will be charged in proportion to each PWA's Contracted Proportionate Share in any DCF. These costs shall be allocated to and billed under two new charges as follows:~~

- ~~i. DCF Capital Charge Component~~
- ~~ii. DCF Minimum OMP&R Component~~

~~b. Use of any DCF by or on behalf of a Participating PWA to convey that PWA's non-project water, including under V.D.2, within that PWA's Contracted Proportionate Share shall not result in additional DCF Fixed Charges.~~

~~c. DCF Capital Charge Component is comprised of four categories~~

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-
- ~~i. Charges to recover the annual Financing Costs of Water Systems Facility Revenue Bonds, the proceeds of which are used to pay DCF Capital Costs.~~
 - ~~ii. Charges pursuant to Article 61(b)(5) of the SWP Water Supply Contracts to recover DCF Capital Costs paid with amounts in the State Water Resources Development System Reinvestment Account.~~
 - ~~iii. Charges to recover on a current basis DCF Capital Costs paid annually for assets that will have a short economic useful life or will not have a substantial cost.~~
 - ~~iv. Charges to allocate appropriately, if necessary, DCF Capital Costs prepaid or otherwise advanced. To the extent legally and otherwise feasible, DWR will use Revenue Bond proceeds to reimburse DCF Capital Costs advanced by DWR, PWAs, or others prior to the commencement of construction and will include the financing costs of such revenue bonds in DCF Capital Charges.~~
- ~~d. DCF Minimum OMP&R Charge Component: Charges under this component will recover the estimated and/or actual annual fixed OMP&R costs of any DCF.~~
- ~~6. DCF Variable OMP&R Charges: Charges under this component will recover the estimated and/or actual annual variable OMP&R costs of any DCF. [MOVED UP TO SECTION III.C]~~
- ~~a. [TBD]~~
- ~~7. Power Costs Incurred During Construction: Per the DWR capitalization policy, any power costs (for example, power supply, grid connections, transmission) incurred to construct any DCF shall be capitalized during Construction Work in Progress, as used in DWR's financial statements, and costs are 100% reimbursable recovered through the DCF Capital Charge Component. [MOVED UP TO SECTION III.C]~~
- ~~8. Charge Redetermination: All DCF charges shall be subject to redetermination. [MOVED UP TO SECTION III.C]~~
- C. ~~Transfers or exchanges of DCF Water~~
- ~~1. Transfers and exchanges are not intended to be modified under this AIP, and involving the DCF or of DCF Water shall be subject to the provisions of the then existing State Water Project Water Supply Contracts addressing transfers and exchanges. Where the State Water Project Water Supply Contracts state that transfers and exchanges "shall not impact the financial integrity of the SWP" this includes but is not limited to negatively impacting the credit rating of any revenue bonds. Participating PWAs can transfer or exchange their DCF Water to both other Participating PWAs and Non-Participating PWAs. Non-permanent transfers would be negotiated between Contractor parties and~~

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Participating PWAs will remain ultimately responsible to DWR for payment of capital and O&M costs.

D. Use Outside of Contracted Proportionate Shares DCF Available Capacity

1. Absent a party holding a Contracted Proportionate Share of the DCF or a transfer or exchange agreement with a PWA holding a Contracted Proportionate Share of the DCF any use of the DCF approved by DWR will be conditioned upon appropriate payment of DCF Fixed Charge Components and the DCF Variable OPM&R Charge Component. Payments made will be credited against the charges assessed to all PWAs holding a Contracted Proportionate Share in the DCF.
2. For all potential non-participant capacity use, DWR will determine and notify ~~work with~~ Participating PWAs to determine: 1) if there is excess DCF Available Capacity; and, 2) to ensure that fair compensation is paid for that use of capacity.
3. When there is unused DCF Available Capacity in the DCF, a Participating PWA shall have the ~~unrestricted right~~ first priority to use ~~utilize~~ its Contracted Proportionate Share ~~CPS own designated share of capacity on a first priority basis.~~
4. To the extent there is ~~at any time~~ remaining unused Available Capacity available, it shall be allocated among the Participating PWAs on a second priority basis. If the requests to use such unused capacity exceed the amount available, that unused capacity shall be allocated among those requesting Participating PWAs within their CPS ~~in proportion to their respective level of participation.~~
5. If unused capacity is available after all ~~Participant~~ Participating PWA requests, it shall be offered to ~~SWP non-participants~~ Non-Participating PWAs on a third priority basis subject to execution of a contract with DWR.
6. ~~Any remaining unused capacity shall be available to any person on a fourth priority basis subject to execution of a contract with DWR under Water Code 1910.~~

1. ~~Fair compensation will include but is not limited to fixed and variable capital recovery, operations, and maintenance, and replacement charges associated with the use of the Delta Conveyance capacity. All fair compensation fees collected for use of capacity would be credited back to the participants in proportion to their Contracted Proportionate Share. [MOVED UP AND REPHRASED IN SECTION III.D]~~

VI. Dispute Resolution Process Prior to Execution of a Delta Conveyance Contract Amendment

- ~~VII. Additional Contents of an Agreement in Principle [PWA Second Offer Section IV.]
Discussions and negotiations with DWR may result in an AIP that will establish key terms for a proposed contract amendment or other necessary agreement.~~

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• ~~Project description~~

VIII. Relation to an Environmental Review Process

- A. DWR and the PWAs agree that this AIP is intended to be used during the environmental review process for the California Environmental Quality Act (CEQA), to define the proposed project description for the purposes of CEQA, and to permit the next steps of the SWP water supply contract amendment process, including scoping and the preparation of the EIR. The AIP principles are not final contract language and do not represent a contractual commitment by either DWR or the PWAs to approve any proposed project or to sign contract amendments. By concurring with the AIP, DWR and the PWAs express their intent to move forward with the CEQA process with DWR as lead agency and the PWAs as responsible agencies, and ultimately develop a proposed project consisting of contractual amendments consistent with the AIP principles and prepare the EIR for consideration by DWR and the PWAs.
- B. At the end of the CEQA process and in compliance with CEQA, DWR and the PWAs will each individually evaluate the EIR and Contract Amendment, exercise their independent judgment, and determine whether or not to certify the EIR, approve the proposed project and sign the contract amendment or to approve an alternative project. Consequently, even though DWR and the PWAs have agreed to the AIP for the purposes described in the preceding paragraphs, DWR and each PWA retain their full discretion under CEQA to consider and adopt mitigation measures and alternatives, including the alternative of not going forward with the proposed project.

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CENTRAL COAST WATER AUTHORITY

MEMORANDUM

October 14, 2019

TO: CCWA Board of Directors

FROM: Ray A. Stokes
Executive Director 

SUBJECT: FY 2018/19 Year End Budget Status Report

Attached is the FY 2018/19 Year End Budget Report for CCWA Fixed O&M costs. This report compares the FY 2018/19 Fixed O&M budget and actual experience. CCWA Variable costs are trued-up quarterly through the Quarterly Variable Assessment Invoicing process, and therefore are not included in this report.

SUMMARY

Fixed O&M Credit (Exhibit #1)

CCWA Fixed O&M expenses, including interest income and other credits were \$1,102,837 less than budgeted. Please see the table on page three for the summary of differences between the budget and actual expenses.

Investment and Other Income

Investment and other income on the Authority's general fund total is \$324,258 and is comprised of the following:

- Interest income earned on the Authority's general fund in the amount of \$193,091. Allocation of general fund interest is based on the actual payments by project participants for each financial reach.
- Miscellaneous income sources total \$131,167, which includes an insurance refund of \$54,883 and reimbursements of \$56,963 covering the cost of repairs to CCWA property.

Debt Service Assessments

Debt service assessments for the year totaled \$10.3 million.

Water Deliveries (Exhibit #2)

Delivery requests for FY 2018/19 were 34,359 acre-feet, including 1,110 acre feet exchanged between the Santa Ynez River Water Conservation District, ID #1 and the South Coast project participants. Actual water deliveries for the fiscal year were 24,891 acre-feet, including 1,362

acre feet exchanged between Santa Ynez ID #1 and the South Coast project participants, resulting in a difference of 9,468 acre-feet.

Fixed Operating Expenses and Capital Improvement Projects

Total operating expenses and capital projects for the year were about \$7.3 million, or \$1.1 million less than budgeted. The following are the highlights explaining the budget surplus.

Personnel Expenses Personnel expenses are about \$226,000 less than budgeted. About \$154,000 is due to several positions becoming vacant during the fiscal year, remaining unfilled for a period of time with new staff being hired at a lower pay rate than staff leaving which resulted in lower wages and reductions in related benefit costs during the fiscal year. Approximately \$31,000 is due to reduced PERS Retirement costs associated with those positions being open, and a savings of about \$42,000 is due to reduced health insurance costs coupled with employees paying a higher share of their health and pension benefits.

Supplies and Equipment Supplies and equipment expenses are about \$33,000 less than budgeted because of a reduction in the cost of fuel and less need for seed/erosion control supplies.

Monitoring Expenses Monitoring expenses are about \$27,000 less than budgeted because a reduction in lab supplies and lab testing expenses.

Professional Services Professional services expenses are about \$90,000 lower than budgeted mostly because of a \$94,000 reduction in professional and engineering services, partially offset by a \$6,000 increase in legal and accounting services.

General and Administrative General and administrative expenses are about \$63,000 less than budgeted for reductions in membership dues, training, meeting and travel expenses.

Other Expenses Other expenses are about \$185,000 lower than budgeted due primarily to the decreases seen in insurance, non-capitalized equipment, computer expenses, equipment rentals and appropriated contingency amounts over what was budgeted.

Turnout Expenses Turnout expenses exceed the budgeted amount by about \$10,000 because of necessary and unplanned repair of the North Portal Access Road at the Chorro Turnout.

Central Coast Water Authority
FY 2018/19 Yearend Budget Summary
 Yearend Budget Status Report

	FY 18/19 Budget	FY 18/19 Actual Fixed Expenditures	Difference	Percentage Difference
<u>CCWA Fixed Operating Expenses</u>				
Personnel Expenses	\$ 5,032,011	\$ 4,805,870	\$ 226,141	4.49%
Office Expenses	20,500	18,517	1,983	9.67%
Supplies & Equipment	168,660	135,560	33,100	19.63%
Monitoring Expenses	113,624	86,218	27,406	24.12%
Repairs and Maintenance	279,880	269,850	10,030	3.58%
Professional Services	425,520	335,847	89,673	21.07%
General and Administrative	275,985	213,275	62,710	22.72%
Utilities	180,271	184,471	(4,200)	-2.33%
Other Expenses	559,448	373,551	185,897	33.23%
Turnouts	50,809	60,468	(9,659)	-19.01%
Subtotal Operating Expenses:	7,106,709	6,483,627	623,081	8.77%
Capital and Non-Capital Fixed Asset Purchases ⁽¹⁾	1,280,793	1,125,295	155,498	12.14%
Interest and Other Income	-	(324,258)	324,258	N/A
Subtotal CCWA O&M Charges	1,280,793	801,037	479,756	37.46%
Total Assessments:	\$ 8,387,502	\$ 7,284,665	\$ 1,102,837	13.15%

(1) Includes carry over project revenues from FY 2017/18 and carover revenues transferred to FY 2018/19.

RAS

Attachments

Exhibit #1

Central Coast Water Authority
FY 2018/19 Yearend Fixed Costs True-Up Calculation and Credits
 Yearend Budget Status Report

CCWA FY 2018/19 FIXED BUDGET

Project Participant	CCWA Fixed O&M Charges (1)	Carryover Revenues	Total CCWA O&M Charges	Exchange Agreement Modifications Fixed and Capital	WTP Fixed and Capital Retreatment	Adjusted Total
Guadalupe	\$ 82,288	13,221	\$95,509	-	27,105	\$122,615
Santa Maria	2,385,640	389,758	2,775,398	-	798,377	3,573,775
Golden State Water	82,445	12,030	94,475	-	24,641	119,116
VAFB	917,389	143,765	1,061,154	-	271,054	1,332,208
Buellton	120,668	26,569	147,238	-	28,485	175,723
Santa Ynez ID#1 (Solvang only)	301,561	52,672	354,232	-	73,924	428,156
Santa Ynez ID#1 (excluding Solvang)	104,531	24,361	128,892	169,122	79,345	377,360
Goleta	1,172,709	174,005	1,346,714	(60,884)	(422,669)	863,160
Morehart Land Co.	52,120	7,734	59,854	-	(20,616)	39,238
La Cumbre	260,602	38,668	299,270	-	(103,080)	196,190
Raytheon	13,030	1,933	14,963	-	(5,154)	9,809
Santa Barbara	781,806	116,003	897,809	(40,589)	(281,780)	575,440
Montecito	781,806	116,003	897,809	(40,589)	(281,780)	575,440
Carpinteria	521,204	77,336	598,539	(27,060)	(187,853)	383,627
Subtotal:	7,577,798	1,194,059	8,771,857	-	-	8,771,857
Shandon	11,674	2,022	13,696	-	-	13,696
Chorro Valley	231,360	47,275	278,635	-	-	278,635
Lopez	245,864	58,743	304,607	-	-	304,607
Subtotal:	488,899	108,040	596,939	-	-	596,939
TOTAL:	\$ 8,066,697	\$ 1,302,099	\$ 9,368,796	\$ -	\$ -	\$ 9,368,796

(1) Includes capital expenditures. Variable charges are trued up with the Variable Assessment Billings each quarter.

Exhibit #1

Central Coast Water Authority
FY 2018/19 Yearend Fixed Costs True-Up Calculation and Credits
 Yearend Budget Status Report

FY 2018/19 ACTUAL FIXED CHARGES

Project Participant	CCWA Fixed O&M Expenses (1)	Carryover Revenues to FY 2019/20	Total Actual O&M Expenses	Exchange Agreement Modifications Fixed & Capital	WTP Fixed and Capital Retreatment	Adjusted Total
Guadalupe	\$81,508	\$ 7,458	\$ 88,966	-	\$ 26,422	\$ 115,388
Santa Maria	2,334,264	220,318	2,554,582	-	778,259	3,332,841
Golden State Water	73,856	6,800	80,656	-	24,020	104,677
VAFB	884,711	97,102	981,813	-	264,224	1,246,036
Buellton	118,908	21,393	140,300	-	27,767	168,068
Santa Ynez ID#1 (Solvang only)	279,905	38,742	318,648	-	72,061	390,709
Santa Ynez ID#1 (excluding Solvang)	94,366	19,925	114,291	206,404	89,452	410,147
Goleta	1,062,195	166,141	1,228,336	(74,408)	(414,947)	738,981
Morehart Land Co.	47,209	7,384	54,593	-	(20,701)	33,892
La Cumbre	236,043	36,920	272,964	-	(103,504)	169,460
Raytheon	11,802	1,846	13,648	-	(5,175)	8,473
Santa Barbara	708,130	110,761	818,891	(49,555)	(276,666)	492,670
Montecito	708,130	110,761	818,891	(49,403)	(276,769)	492,718
Carpinteria	472,087	73,841	545,927	(33,037)	(184,444)	328,447
Subtotal:	7,113,113	919,392	8,032,505	-	-	8,032,505
Shandon	14,842	1,057	15,899	-	-	15,899
Chorro Valley	243,595	24,704	268,299	-	-	268,299
Lopez	237,372	36,142	273,514	-	-	273,514
Subtotal:	495,809	61,902	557,711	-	-	557,711
TOTAL:	\$ 7,608,923	\$ 981,294	\$ 8,590,217	\$ -	\$ -	\$ 8,590,217

(1) Includes capital expenditures. Not including variable charges which are trued up with the Variable Assessment Billings each quarter.

Exhibit #1

Central Coast Water Authority
FY 2018/19 Yearend Fixed Costs True-Up Calculation and Credits
 Yearend Budget Status Report

FY 2018/19 FIXED O&M CREDIT

Project Participant	CCWA Fixed O&M Expenses ⁽¹⁾	Exchange Fixed and Capital	WTP Fixed and Capital Retirement	Miscellaneous Income	Interest Income Credits	TOTAL CREDIT (CHARGE)
Guadalupe	\$6,543		\$ 683	\$ 1,154	\$ 2,654	\$ 11,035
Santa Maria	220,816		20,118	40,650	72,514	354,099
Golden State Water	13,819		621	1,255	2,338	18,032
VAFB	79,341		6,830	14,456	24,335	124,962
Buellton	6,937		718	1,625	3,380	12,660
Santa Ynez ID#1 (Solvang only)	35,585		1,863	4,218	7,898	49,564
Santa Ynez ID#1 (excluding Solvang)	14,601	(37,281)	(10,107)	1,406	7,917	(23,464)
Goleta	118,378	13,524	(7,723)	14,634	19,746	158,559
Morehart Land Co.	5,261	-	85	650	637	6,634
La Cumbre	26,306	-	424	3,252	4,338	34,320
Raytheon	1,315	-	21	163	196	1,695
Santa Barbara	78,918	8,966	(5,114)	9,756	13,270	105,797
Montecito	78,918	8,814	(5,010)	10,197	13,212	106,132
Carpinteria	52,612	5,977	(3,409)	6,504	8,649	70,334
Subtotal:	739,352	-	-	109,921	181,085	1,030,358
Shandon	(2,202)			128	304	(1,770)
Chorro Valley	10,337			17,954	6,281	34,571
Lopez	31,093			3,164	5,421	39,678
Subtotal:	39,228	-	-	21,246	12,006	72,479
TOTAL:	\$ 778,579	-	\$ -	\$ 131,167	\$ 193,091	\$ 1,102,837

(1) Includes capital expenditures. Variable charges are trued up with the Variable Assessment Billings each quarter.

EXHIBIT #2

Central Coast Water Authority Water Deliveries - Budget and Actual (Acre-feet) Fiscal Year 2018/19

Project Participant	Budget and Actual FY 18/19								
	BUDGET			ACTUAL			DIFFERENCE		
	Table A	Exchange	Net Deliveries	Table A	Exchange	Net Deliveries	Table A	Exchange	Net Deliveries
Shandon	100	-	100	61	-	61	39	-	39
Lopez	1,135	-	1,135	798	-	798	337	-	337
Chorro Valley	2,225	-	2,225	1,743	-	1,743	482	-	482
Guadalupe	527	-	527	353	-	353	174	-	174
Santa Maria	12,041	-	12,041	8,712	-	8,712	3,329	-	3,329
SCWC	335	-	335	377	-	377	(42)	-	(42)
VAFB	2,594	-	2,594	2,296	-	2,296	298	-	298
Buellton	552	-	552	211	-	211	341	-	341
Solvang	965	-	965	690	-	690	275	-	275
Santa Ynez	140	1,110	1,250	1,462	1,362	2,824	(1,322)	(252)	(1,574)
Goleta	4,602	(400)	4,202	2,782	(491)	2,291	1,820	91	1,911
Morehart	49	-	49	31	-	31	18	-	18
LaCumbre	866	-	866	480	-	480	386	-	386
Raytheon	32	-	32	11	-	11	21	-	21
Santa Barbara	3,125	(266)	2,859	1,855	(327)	1,528	1,270	61	1,331
Montecito	3,094	(266)	2,828	1,913	(326)	1,587	1,181	60	1,241
Carpinteria	1,977	(178)	1,799	1,116	(218)	898	861	40	901
TOTAL:	34,359	-	34,359	24,891	-	24,891	9,468	-	9,468



CENTRAL COAST WATER AUTHORITY

MEMORANDUM

October 15, 2019

TO: CCWA Board of Directors

FROM: John Brady
Deputy Director, Operations and Engineering

SUBJECT: Hyper-converged Technology (Nutanix Infrastructure) Project

Background

The CCWA network operation is critical to administrative functions and on-going water treatment and distribution operations. The network provides the communication, data processing and data storage infrastructure for all major facilities within the CCWA system. If the network operation fails, administrative workflow functions are critically impaired and water treatment and distribution operations will continue without the benefit of the Supervisory Control and Data Acquisition System.

Due to the critical nature of the CCWA network and the cost of hardware and software, well thought out planning is required to ensure that the system is adequately maintained and developed through time to meet future needs. This planning includes an organized migration to new, improved and proven equipment as existing equipment ages and become obsolete.

Discussion

CCWA's existing network equipment has a vulnerability of a single point of failure between the Virtual Server Host Machines and the single Storage Area Network device. Through using new yet proven technology, this single point of failure will be eliminated. The new Hyper-converged Equipment has three separate processors, power supplies and data storage system. This essentially combines all of the elements of the existing virtual server infrastructure into one device that also includes multiple redundancies. The cost of the Hyper-converged Technology is less than the cost of replacement of the existing equipment with in kind equipment.

Financial Considerations

The Board is considering adoption of Resolution 19-01, which will revise the rules and regulations for the Central Coast Water Authority governing the policies and procedures for the purchase of services, supplies and equipment. If the Board adopts Resolution 19-01, the use of purchasing groups will be allowed. This would serve as an alternative to the competitive bidding requirement.

Purchasing groups are a common procurement strategy that aggregates the purchasing power of a group of organizations for the benefit of its membership. This strategy will typically yield lower pricing, as compared to a single small organization soliciting competitive bids on their own.

The State of California Department of General Services has a program that is available to local governing agencies, such as the CCWA. This program is known as the California Multiple Award Schedules (CMAS) Program and it offers a wide variety of commodities, non-IT services and information technology products and services at prices which have been assessed to be fair, reasonable and competitive.

CompuVision is CCWA's current managed network service provider and they assist CCWA staff with the operating, monitoring and development of the CCWA network. They are also a CMAS vendor that offers Hyper-converged Technology Equipment. CompuVision has submitted a bid to CCWA to provide Hyper-converged Technology, known as Nutanix Infrastructure, at the established CMAS pricing of \$89,153.94 (CMAS Contract 3-18-70-3347C).

Pursuant to Resolution 19-01, procurements of budgeted items above \$75,000 requires specific Board approval.

Recommendation

That the Board:

- Authorize the Executive Director to procure the Nutanix Infrastructure Equipment at the established 2019 California Multiple Award Schedules pricing for this equipment, pursuant to CCWA Resolution 19-01.