



**REGULAR MEETING 8:00 A.M. OPERATIONS CENTER - 1200 SOUTH GENE AUTRY TRAIL – PALM SPRINGS – CALIFORNIA**

Desert Water Agency operates independently of any other local government. Its autonomous elected board members are directly accountable to the people they serve. The Agency is one of the desert's two State Water Contractors and provides water and resource management, including recycling, for a 325-square-mile area of Western Riverside County, encompassing parts of Cathedral City, Desert Hot Springs, outlying Riverside County and Palm Springs.

1. PLEDGE OF ALLEGIANCE
2. NEW EMPLOYEE INTRODUCTIONS KRAUSE
3. APPROVAL OF MINUTES - A. April 15, 2019 (Special) STUART  
B. April 16, 2019 (Regular) STUART
4. GENERAL MANAGER'S REPORT KRAUSE
5. COMMITTEE REPORTS – A. Finance – April 25, 2019 BLOOMER  
B. Executive – May 13, 2019 STUART  
C. Conservation & Public Affairs – May 13, 2019 STUART  
D. Finance – May 15, 2019 BLOOMER
6. PUBLIC COMMENT: Members of the public may comment on any item not listed on the agenda, but within the jurisdiction of the Agency. In addition, members of the public may speak on any item listed on the agenda as that item comes up for consideration. Speakers are requested to keep their comments to no more than three (3) minutes. As provided in the Brown Act, the Board is prohibited from acting on items not listed on the agenda.
7. SECRETARY-TREASURERS REPORT (APRIL 2019) KRIEGER
8. ACTION ITEMS  
A. Request Adoption of 2018 CV Integrated Regional Water Management Plan METZGER  
B. 2019/2020 Groundwater Replenishment Assessments Draft Engineer's Reports KRAUSE  
C. Request to Include Sites Related Charges in State Water Project Statement of Charges KRAUSE  
D. Request Board Approval to Execute MOU with U.S. Department of Interior, Bureau of Land Mgmt. to Prepare Environmental Impact Statement for Whitewater Replenishment Facility Project KRAUSE  
E. Recommend Contract Award for Construction of the 2018/2019 Replacement Pipelines JOHNSON
9. ITEMS FOR DISCUSSION  
A. State Water Contractors' Meeting – April 18, 2019 RIDDELL  
B. April Water Use Reduction Figures METZGER  
C. Directors' Reports on ACWA Conference Attendance CIOFFI, EWING, STUART
10. OUTREACH & CONSERVATION METZGER  
A. Media Information  
B. Activities
11. DIRECTORS COMMENTS AND REQUESTS
12. CLOSED SESSION  
A. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION  
Pursuant to Government Code Section 54956.9 (d) (1)  
Name of Case: Agua Caliente Band of Cahuilla Indians vs. Coachella Valley Water District, et al  
B. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION  
Pursuant to Government Code Section 54956.9 (d) (1)  
Name of Case: Mission Springs Water District vs. Desert Water Agency  
C. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION  
Pursuant to Government Code Section 54956.9 (d) (1)  
Name of Case: Albrecht et al vs. County of Riverside

- D. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION  
Pursuant to Government Code Section 54956.9 (d) (1)  
Name of Case: Abbey et al vs. County of Riverside
- E. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION  
Pursuant to Government Code Section 54956.9 (d) (1)  
Name of Case: Thurman W. Arnold, III vs. Julie K. Rupp, John Medjian, Mary Beth Rupp, David Merritt Levy, DWA
- F. CONFERENCE WITH LEGAL COUNSEL – EXPOSURE TO LITIGATION  
Pursuant to Government Code Section 54956.9 (d) (2)  
Alan Neil Freiman, et al vs. Safari Park, Inc.  
Riverside County Superior Court Case No. PSC1806308
- G. CONFERENCE WITH LEGAL COUNSEL – EXPOSURE TO LITIGATION  
Pursuant to Government Code Section 54956.9 (d) (2)  
Claim to Compel Elections by Division Pursuant to the California Voting Rights Act

**13. RECONVENE INTO OPEN SESSION – REPORT FROM CLOSED SESSION**

**14. ADJOURN**

Desert Water Agency  
REGULAR BOARD MEETING  
May 21, 2019

The following employees are scheduled to attend and be introduced to the Board of Directors at the May 21, 2019 Board Meeting:

Victor Mendoza October 23, 2018 Water Service Worker I
Thomas Murphy October 31, 2018 Water Service Worker I
Paul Monroy Laboratory Director October 31, 2018
Rodrigo Hernandez October 31, 2018 Water Service Worker I
Marquell Jones October 31, 2018 Water Service Worker I
Orlando Gonzalez November 6, 2018 Water Service Worker I

**MINUTES  
OF THE SPECIAL MEETING  
OF THE  
DESERT WATER AGENCY  
BOARD OF DIRECTORS**

**3-A**

**April 15, 2019**

DWA Board:	Joseph K. Stuart, President	)	<b>Attendance</b>
	Kristin Bloomer, Vice President	)	
	Craig A. Ewing, Secretary-Treasurer	)	
	Patricia G. Oygar, Director	)	
	James Cioffi, Director	)	

DWA Staff:	Mark S. Krause, General Manager	)
	Steve Johnson, Asst. General Manager	)
	Martin S. Krieger, Finance Director	)
	Sylvia Baca, Asst. Secretary of the Board	)
	Ashley Metzger, Outreach & Conserv. Mgr.	)

Consultant:	Michael T. Riddell, Best Best & Krieger	)
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Public:	Deiter Crawford, Palm Springs resident	)
	Jeff Bowman, Desert Hot Springs resident	)
	Karl Baker Jr., Desert Hot Springs resident	)
	Russ Martin, Mission Springs WD	)
	Sergio Espericueta, Cathedral City resident	)
	Arden Wallum, Mission Springs WD	)
	Gary Gardner, Desert Hot Springs resident	)
	Grace Garner, Palm Springs resident	)

18400. President Stuart opened the Special meeting at 10:30 a.m. in the Carl May Community Center and asked everyone to join Vice President Bloomer in the Pledge of Allegiance. **Pledge of Allegiance**

18401. President Stuart opened the meeting for public comment. He noted that speakers have two opportunities to speak today, during public comment and during the public hearing. **Public Comment**

Jeff Bowman requested the Agency allow Mission Springs Water District to be the Groundwater Sustainability Agency over their service area. He stated there are mounting legal fees associated with the lawsuit.

Karl Baker thanked the Agency for holding today's meeting in Desert Hot Springs and stated he looks forward to working on a common goal for the draft maps.

**Public Comment**  
(Cont.)

There being no one from the public wishing to address the Board, President Stuart closed the public comment period.

18402. President Stuart invited Doug Johnson, National Demographics Corporation to provide his presentation.

**Presentation**

Mr. Johnson provided a presentation explaining the districting process and Draft Maps A, B and C. He explained the rules and goals which consist of Federal Laws and Traditional Redistricting Principles. He noted that interactive maps are available on the Agency's website. He further explained that today and tomorrow's Public Hearing is for public input on the draft maps. He stated that the courts currently rely on the 2010 Census Population.

18403. President Stuart opened the public hearing at 10:57 a.m.

**Public Hearing**

Russ Martin, Mission Springs Water District Vice President, questioned the use of the 2010 Census for the draft maps. He asked about whether the areas of Painted Hills, Mission Lakes and North Palm Springs were included in these maps.

Russ Martin

Mr. Johnson responded that some areas may not be labeled on the map but all areas are counted and included. He noted that the online interactive map shows this information.

Karl Baker, Desert Hot Springs resident, questioned the election cycle for each division.

Karl Baker

Mr. Johnson explained if there is a director alone in the division or two directors up for election in the same year, the election would be held in that year. This would empower the voters to decide whether or not they wish to have them re-elected. He reiterated the fact that the maps are draft and are subject to change.

Sergio Espericueta, Cathedral City resident, thanked the Agency for incorporating demographics in the draft maps and stated he supports Map B.

Sergio Espericueta

Arden Wallum, Mission Springs Water District General Manager, expressed opposition to the Agency conducting two Public Hearings one day apart. He then stated that they would object to Map A and B; Map C may be acceptable.

Arden Wallum

Deiter Crawford, Palm Springs resident, expressed his support of Map C. He suggested putting the majority/minority districts up for election first even though it would not be in a presidential year.

**Public Hearing:**  
(Cont.)  
Deiter Crawford

Karl Baker, expressed his support of Map C. He then stated that DWA should be split and separate retail water service from groundwater service.

Karl Baker

Grace Garner, Palm Springs resident and Attorney for Mission Springs Water District, asked about the next steps in this process.

Grace Garner

President Stuart stated that the next Public Hearing (Public Hearing #4) will be held tomorrow, April 16 at 8:00 a.m. at DWA's office. The next required hearing is #5, when the maps will be selected; there is no definite date yet.

Director Cioffi stated that although five Public Hearings are required, the Agency can conduct additional hearings to gather more public input.

Mr. Johnson noted the requirement that maps need to be posted on the Agency's website and available to the public at least seven days prior to adoption.

Gary Gardner, Desert Hot Springs resident expressed support of district elections and his preference of Map C, then Map B. He stated his concurrence with Mr. Bowman regarding MSWD being the groundwater agency over their service area.

Gary Gardner

Jeff Bowman stated his preference of Map C and agrees with Mr. Baker on separating the Agency's Board of Directors between retail and wholesale.

Jeff Bowman

Secretary-Treasurer Ewing stressed the importance of communities of interest for the draft maps.

President Stuart reminded everyone that the next Public Hearing will be held tomorrow at 8:00 a.m. in the Agency's Board Room. He then closed the Public Hearing at 11:32 a.m.

**Public Hearing Closed**

18404. In the absence of any further business, President Stuart adjourned the Special meeting at 11:33 a.m.

**Adjournment**

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Joseph K. Stuart, President

ATTEST:

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Kristin Bloomer, Vice President

**MINUTES  
OF THE REGULAR MEETING  
OF THE  
DESERT WATER AGENCY  
BOARD OF DIRECTORS**

**3-B**

**April 16, 2019**

DWA Board:	Joseph K. Stuart, President	)	<b>Attendance</b>
	Kristin Bloomer, Vice President	)	
	Craig A. Ewing, Secretary-Treasurer	)	
	Patricia G. Oygar, Director	)	
	James Cioffi, Director	)	

DWA Staff:	Mark S. Krause, General Manager	)
	Steve Johnson, Asst. General Manager	)
	Martin S. Krieger, Finance Director	)
	Sylvia Baca, Asst. Secretary of the Board	)
	Ashley Metzger, Outreach & Conserv. Mgr.	)
	Esther Saenz, Accounting Supervisor	)

Consultant:	Michael T. Riddell, Best Best & Krieger	)
	Dave Scriven, Krieger & Stewart	)

Public:	David Freedman, Palm Springs resident	)
	Karl Baker, Desert Hot Springs resident	)

18405. President Stuart opened the meeting at 8:00 a.m. and asked everyone to join Director Oygar in the Pledge of Allegiance. **Pledge of Allegiance**

18406. President Stuart called for approval of the March 19, 2019 Regular Board meeting minutes. **Approval of 03/19/19  
Regular Board  
Minutes**

Director Cioffi moved for approval. After a second by, Secretary-Treasurer Ewing the minutes were approved by the following vote:

AYES:	Cioffi, Ewing, Oygar, Bloomer, Stuart
NOES:	None
ABSENT:	None
ABSTAIN:	None

18407. President Stuart called upon General Manager Krause to provide an update on Agency operations. **General Manager's  
Report**

Mr. Krause provided an update on Agency operations and noted his meetings and activities for the past several weeks.

18408. President Stuart noted the minutes for the April 8, 2019 Executive Committee were provided in the Board's packet. **Committee Reports:**  
Executive 04/08/19

18409. President Stuart opened the meeting for public comment. **Public Comment**

There being no one from the public wishing to address the Board, President Stuart closed the public comment period.

18410. President Stuart called upon Secretary-Treasurer Ewing to present an overview of financial activities for the month of March 2019. **Secretary-Treasurer's Report (March)**

Secretary-Treasurer Ewing reported that the Operating Fund received \$2,008,114 in Water Sales Revenue, \$39,215 in Reclamation Sales Revenue and \$52,600 in Construction Deposits. Included in the Miscellaneous receipts is \$82,300 for the JPIA Premium Refund. Year-to-date Water Sales are 8% under budget; Year-to-date Total Revenues are 5% under budget; and Year-to-date Total Expenses are 14% under budget. **Operating Fund**

Reporting on the General Fund, Mr. Ewing stated that \$230,942 was received in Property Tax Revenue. \$859,124 was paid out in State Water Project charges (YTD \$14,342,375). **General Fund**

Reporting on the Wastewater Fund, Mr. Ewing stated that \$5,380 was received in Sewer Capacity charges from the City of Cathedral city. \$2,508 was received in Sewer Contract payments. There are a total of 38 contracts with total delinquents of 4 (11%). \$108,506 was paid out in Accounts Payable. **Wastewater Fund**

18411. President Stuart asked Agency Counsel Riddell to present the request for adoption of Resolution No. 1203 Adopting Revised California Environmental Quality Act (CEQA) Guidelines. **Action Items:**  
Request Adoption of Resolution No. 1203 Adopting CEQA Guidelines

Mr. Riddell explained as a local governmental entity, the Agency is required by law to adopt guidelines implementing CEQA. As the law changes, the Agency's guidelines must be revised to maintain consistency. He noted changes of interest to the Agency.

Secretary-Treasurer Ewing made a motion to adopt Resolution No. 1203 Amending and Adopting Local Guidelines for Implementing the California Environmental Quality Act. After a second by Director Cioffi, the motion carried by the following vote:

AYES: Ewing, Cioffi, Oygur, Bloomer, Stuart  
NOES: None  
ABSENT: None  
ABSTAIN: None



**RESOLUTION NO.1203**  
**A RESOLUTION OF THE BOARD OF DIRECTORS**  
**OF DESERT WATER AGENCY AMENDING AND**  
**ADOPTING LOCAL GUIDELINES FOR IMPLEMENTING**  
**THE CALIFORNIA ENVIRONMENTAL QUALITY ACT**  
**(PUBLIC RESOURCES CODE § 21000 ET SEQ.)**

**Action Items:**  
 (Cont.)

**Resolution No. 1203**  
**Adopted**

18412. President Stuart called upon Assistant General Manager Johnson to present staff's request of adoption of Resolution No. 1204 Adopting a Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program Pursuant to the California Environmental Quality Act for the Snow Creek Village Surface Water Filtration Plant Project and Approving the Project.

Request Adoption of  
 Resolution No. 1204  
 Adopting Mitigated  
 Negative Declaration  
 (Snow Creek Village  
 Surface Water Filtration  
 Plant)

Mr. Johnson stated the Snow Creek and Falls Creek surface water are going to be required to be filtered. Krieger & Stewart are designing the facilities and helping with the CEQA process.

Mr. Johnson reported on March 12, 2019, the Notice of Intent (NOI) for the project was published in The Public Record and filed with the Riverside County Clerk. Also, the State Clearinghouse and the State Water Resources Control Board were sent copies of the Initial Study and Draft Mitigated Negative Declaration and NOI. The comment period began on March 12, 2019 and closed on April 11, 2019; with no comments received.

Staff requests the Board adopt Resolution No. 1204, entitled: Adopting a Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program Pursuant to the California Environmental Quality Act for the Snow Creek Village Surface Water Filtration Plant Project and Approving the Project.

Director Cioffi made a motion to adopt Resolution No. 1204 Adopting a Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program Pursuant to the California Environmental Quality Act for the Snow Creek Village Surface Water Filtration Plant Project and Approving the Project. After a second by Secretary-Treasurer Ewing noting there are no significant impacts, the motion carried unanimously by the following vote:

AYES: Cioffi, Ewing, Bloomer, Oygar, Stuart  
 NOES: None  
 ABSENT: None  
 ABSTAIN: None

**RESOLUTION NO. 1204****Resolution No. 1204  
Adopted**

**A RESOLUTION OF THE BOARD OF DIRECTORS OF DESERT  
WATER AGENCY ADOPTING A MITIGATED NEGATIVE  
DECLARATION AND MITIGATION MONITORING AND  
REPORTING PROGRAM PURSUANT TO THE CALIFORNIA  
ENVIRONMENTAL QUALITY ACT FOR THE SNOW CREEK  
VILLAGE SURFACE WATER FILTRATION PLANT PROJECT  
AND APPROVING THE PROJECT**

18413. President Stuart called upon General Manager Krause to present staff's request to adopt the Legislative Committee Bill Position Recommendation.

Legislative Committee  
Bill Position  
Recommendation

Mr. Krause noted on March 25, 2019, the Agency's Legislative Committee and staff met to review with Mr. Reeb (Via Conference Call) current legislation and determine the Agency's position on said legislation.

Mr. Krause noted the following items were discussed: AB60, AB68, AB69, AB134, AB217, AB292, AB402, AB405, AB510, AB533, AB670, AB671, AB881, AB1194, AB1204, AB1304, AB1414, AB1415, AB1486, SB13, SB45, SB134, SB166, SB200, SB204, and SB669. Staff requests adoption of the Legislative Committee's recommended position as the Agency's position with regard to each bill presented.

Director Cioffi moved to approve recommendations listed in the 2019/2020 Legislative Report. After a second by Vice President Bloomer, the motion carried unanimously by the following vote:

**2019/2020 Legislative  
Report Approved**

AYES: Cioffi, Bloomer, Ewing, Oygur, Stuart  
NOES: None  
ABSENT: None  
ABSTAIN: None

Director Cioffi noted and thanked Mr. Reeb for his work on this item.

18414. President Stuart noted the Public Hearing to Review and Public Input on Draft Maps for a Transition to Election by Division.

**Discussion Items:**  
**Public Hearing**  
Review & Public Input  
on Draft Maps for  
Transition to Division  
Elections

General Manager Krause then provided a PowerPoint presentation from National Demographics Corporation (NDC) which explained the process, rules and goals and draft Maps A thru C. He encouraged the public to participate in the process and provide their feedback.

In response to Secretary-Treasurer Ewing, Mr. Krause stated that although today is the 4<sup>th</sup> Public Hearing, a map will not be adopted today.

Outreach & Conservation Manager Metzger discussed the map showing the entire statutory boundaries for the Agency. She noted the goal of keeping the communities together.

**Discussion Items:**  
(Cont.)  
**Public Hearing**

Mr. Krause reviewed Draft Map A, which is more policy driven, Map B which is policy and community boundary driven, and Map C which is more community boundary driven. He reminded everyone of the importance of public input.

President Stuart left the Board room.

Responding to Secretary-Treasurer Ewing, Mr. Krause stated that the Dream Homes and Cathedral City Cove areas are within one division in the Draft maps.

Vice President Bloomer opened the Public Hearing at 9:06 a.m.

**Public Hearing  
Opened**

Karl Baker, Desert Hot Springs resident, spoke regarding the draft maps and expressed his support of Map C, which is more community driven. He also suggested that there be two Board of Directors, one for the retail water service and one for the groundwater service.

Karl Baker

President Stuart returned to the Board room.

David Freedman, Palm Springs resident spoke urging the support of Map C indicating it has the highest percentage of minority citizens and by voting age population.

David Freedman

There being no one else from the public wishing to speak, President Stuart closed the public hearing at 9:13 a.m.

**Public Hearing Closed**

Director Cioffi reminded everyone that there are still more discussions to be held on this subject.

18415. President Stuart called upon Agency Counsel Riddell to provide a report on the March 21, 2019 Board of Directors of the State Water Contractors meeting.

03/21/19 SWC Mtg.

Mr. Riddell provided a report on the following items: 1) Closed Session, 2) Draft FY 2019/20 Objectives, 3) SWC Dues Allocation, 4) Action Items, 5) SWP Operations Report, 6) Water Operations Report, 7) Water Quality Report; and 8) General Manager's Report.

18416. President Stuart called upon Outreach & Conservation Manager Metzger to provide a report on the March Water Use Reduction Figures.

March Water Use  
Reduction Figures

Mrs. Metzger reported that the Agency and its customers achieved a 28.5% reduction in potable water production during March 2019 compared to the same month in 2013. She noted the cumulative savings over the last twelve months is 17%.

**Discussion Items:**  
(Cont.)  
March Water Use  
Reduction Figures

18417. President Stuart called upon General Manager Krause to discuss the 2019/2020 Groundwater Replenishment Assessments Draft Engineer's reports.

2019/2020  
Groundwater  
Replenishment  
Assessments Draft  
Engineer's Reports

Mr. Krause introduced David Scriven, representing Krieger & Stewart, who has prepared the report. He noted today's report is being presented for discussion purposes. A final report will be presented at the May 21, 2019 meeting and a determination made that funds should be raised by a replenishment assessment for Board acceptance. Staff will request authorization to set a public hearing for June 4, 2019. A notice of public hearing will be published in The Public Record on May 7, 2019 and will be sent to all producers (over 10 acre-feet production) who will be affected by the recommended assessment.

Mr. Krause stated DWA's proposed replenishment assessment rate for 2019/2020 is \$155.00 per acre-foot for West Whitewater River, Mission Creek and Garnet Hill Subbasins.

Continuing his report, Mr. Krause added due to recent dramatic increases in the charges for imported water, replenishment costs have risen significantly. Delta related charges have risen more than 16% since 2015. This level of spending is expected to continue and increase steadily into the future. Conservation has reduced replenishing assessment revenue by approximately 15% annually. DWA is expecting conservation to continue at a level of at least 13% using 2013 water production as a baseline.

Continuing his report, Mr. Krause noted the 5-year rate study completed in 2016 and the subsequent Prop 218 approved rates have taken into account Delta charge increases and increased conservation. The Rate Study incorporated the proposed replenishment rates taken from the 2016/2017 Engineers Report on Groundwater Replenishment and Assessment.

Concluding his report, Mr. Krause noted the proposed assessment rate of \$155/AF is intended to stabilize water rates. The Agency will continue to rely on using its State Water Project reserve account to make up the difference and gradually increase the replenishment assessment until such time that the revenues cover each year's charges for imported water with no further shortfall accrual.

Director Cioffi thanked Mr. Scriven for his work on the report.

18418. President Stuart called upon General Manager Krause to discuss the Metropolitan Water District Exchange Agreement Update.

**Discussion Items:**  
(Cont.)

Metropolitan Water  
District Exchange  
Agreement Update

Mr. Krause reported Staff and counsel from Desert Water Agency (DWA) and Coachella Valley Water District (CVWD) and Metropolitan Water District (MWD) have met 8 times to discuss updating the Exchange Agreement since early 2018. The parties have come to an agreement on the proposed amendments to the agreement as follows: 1) Consolidate the exchange agreement amendments into one agreement, 2) Extend the term of the agreement to match the termination date of the State Water Project contract extension amendment, 3) Eliminate the 100,000 AF Table A Transfer callback provision, and allow for improved access to supplemental water supplies, 4) Provide MWD the flexibility to defer deliveries in dry years; and 5) Desert and Coachella participate with Metropolitan sharing water management costs, risks, and benefits.

Mr. Krause added future additional long-term and short-term water supply acquisitions will be subject to approval of a “Coordination Committee” formed for the management of this agreement and comprised of staff members from the participating agencies. If any party disagrees with other party future water supply acquisitions and determines that the effect on its water supply would be too detrimental, they may withdraw from the agreement, which will then default to the current agreement.

Concluding his report, Mr. Krause noted that a final draft of the agreement is expected to be completed soon. When ready, it will be submitted to the Board for approval.

18419. President Stuart and Director Cioffi reported their attendance at the National Water Resources Association’s (NWRA) annual conference recently held in Washington DC.

Director’s Report on  
NWRA Attendance

18420. President Stuart noted that Board packets included Outreach & Conservation reports for March 2019.

**Outreach &  
Conservation – March  
2019**

Outreach & Conservation Manager Metzger noted the DWA Tour will be held on April 23.

18421. Secretary-Treasurer Ewing inquired about a report on the Colorado River/Rocky Mountain snow pack status.

**Directors  
Comments/Requests**

Secretary-Treasurer Ewing noted a live web cam on the Oroville Dam spillway.

18422. At 10:31 a.m., President Stuart convened into Closed Session for the purpose of Conference with Legal Counsel, (A) Existing Litigation, pursuant to Government Code Section 54956.9 (d) (1), Agua Caliente Band of Cahuilla Indians vs. Coachella Valley Water District, et al; (B) Existing Litigation, pursuant to Government Code Section 54956.9 (d) (1), Mission Springs Water District vs. Desert Water Agency; (C) Existing Litigation, pursuant to Government Code Section 54959.9 (d) (1), Albrecht et al vs. County of Riverside; (D) Existing Litigation, pursuant to Government Code Section 54959.9 (d) (1), Abbey et al vs. County of Riverside; (E) Existing Litigation, pursuant to Government Code Section 54956.9 (d) (2), Thurman W. Arnold III vs. Rupp, Medjian, Rupp, Levy, DWA; (F) Exposure to Litigation, pursuant to Government Code Section 54956.9 (d) (2), Freeman et al vs. Safari Park, Inc; and (G) Exposure to Litigation, pursuant to Government Code Section 54956.9 (d) (2), Claim to Compel Elections by Division Pursuant to the California Voting Rights Act.

18423. At 12:05 p.m., President Stuart reconvened the meeting into open session and announced there was no reportable action taken.

18424. In the absence of any further business, President Stuart adjourned the meeting at 12:05 p.m.

\_\_\_\_\_  
Joseph K. Stuart, President

ATTEST:

\_\_\_\_\_  
Kristin Bloomer, Vice President

**Closed Session:**

A. Existing Litigation – ACBCI vs. CVWD, et al.  
B. Existing Litigation – MSWD vs. DWA  
C. Existing Litigation – Albrecht et al vs. Riverside County  
D. Existing Litigation – Abbey et al vs. Riverside County  
E. Existing Litigation – Thurman W. Arnold III vs. Rupp, Medjian, Rupp, Levy, DWA  
F. Exposure to Litigation – Alan Neil Freiman, et al vs. Safari Park, Inc.  
G. Exposure to Litigation – Claim to Compel Elections by Division Pursuant to the CVRA

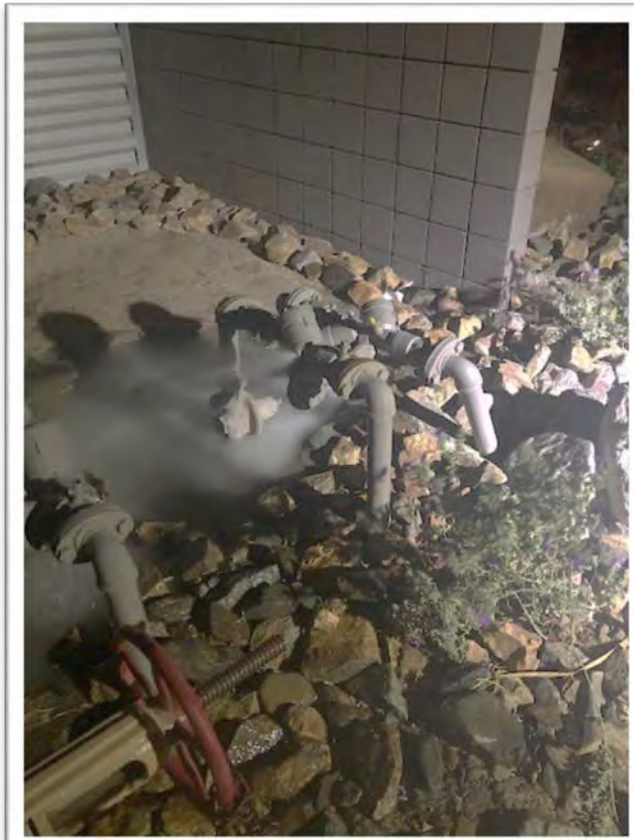
**Reconvene – No Reportable Action**

**Adjournment**

**GENERAL MANAGER'S REPORT  
MAY 21, 2019**

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On April 30 at approximately 10:00 p.m., Construction stand-by responded to a possible stolen or vandalized backflow at 343 Cortez Rd. Staff made minor repairs and straightened the backflows. The water loss was metered.



On May 1 at approximately 11:30 a.m., Construction staff discovered a backflow that appeared to be tampered with at 130 W. Racquet Club Rd. Staff straightened out the backflow. This service does not seem to be in use right now. Staff turned in an inquiry card to contact the owner; we do not know whether the owner filed a police report.



May 2, 2019

#### State Withdraws WaterFix Approvals, Initiates Planning and Permitting for a Smaller Single Tunnel

The Department of Water Resources (DWR) today is taking formal steps to withdraw proposed permits for the WaterFix project and begin a renewed environmental review and planning process for a smaller, single tunnel project that will protect a critical source of water supplies for California.

Today's actions implement Governor Gavin Newsom's direction earlier this year to modernize the state's water delivery infrastructure by pursuing a smaller, single tunnel project through the Sacramento-San Joaquin Delta. The project is needed to protect water supplies from sea-level rise and saltwater intrusion into the Delta, as well as earthquake risk. It will be designed to protect water supply reliability while limiting impacts on local Delta communities and fish.

For additional information, visit the Delta Conveyance page on DWR's website.



### Colorado River Basin – 2019 Reclamation Water Supply Projection

Since we exchange our State Water Project water supply with Metropolitan for their Colorado River Water Supply, the Board has requested an update on the Colorado River Water Supply similar to that given for the State Water Project. A copy of the Bureau of Reclamation's Colorado River Basin April 2019, 24-month study is enclosed for your information (see attached).

The Study indicates that snow accumulation is 133% of the seasonal SWE (Snow Water Equivalent) in the upper Colorado river basin (Wyoming, Utah, Colorado, Arizona, and New Mexico). Reservoir Levels are as follows:

<b>Reservoir</b>	<b>Percent Full</b>	<b>Storage (maf)</b>	<b>Elevation (feet)</b>
Lake Powell	37	9.00	3,569
Lake Mead	41	10.81	1,089
Total System Storage	45	26.84	-
Total System Storage (at this time last year)	52	30.80	-

All operational projections are based on January 1<sup>st</sup> lake levels. On January 1, 2019, the level in Lake Mead was 1,079.5 ft. This level is classified as "Normal or ICS Surplus Condition" and projections are that in excess of 7.5 maf will be delivered to Lake Mead from Lake Powell. California will receive 4.4 maf. Whenever Lake Mead is below elevation 1,025 ft (Jan. 1<sup>st</sup>), the Secretary shall consider whether hydraulic conditions together with anticipated deliveries to the Lower Division States and Mexico is likely to cause the elevation at Lake Mead to fall below 1,000 ft. Such a condition, in consultation with the Basin States, may result in the undertaking of further measures, consistent with Federal law. California would not experience a reduction unless the levels were measured below 1,025 ft.

# **Colorado River Basin**

## **April 2019 24-Month Study Webinar**

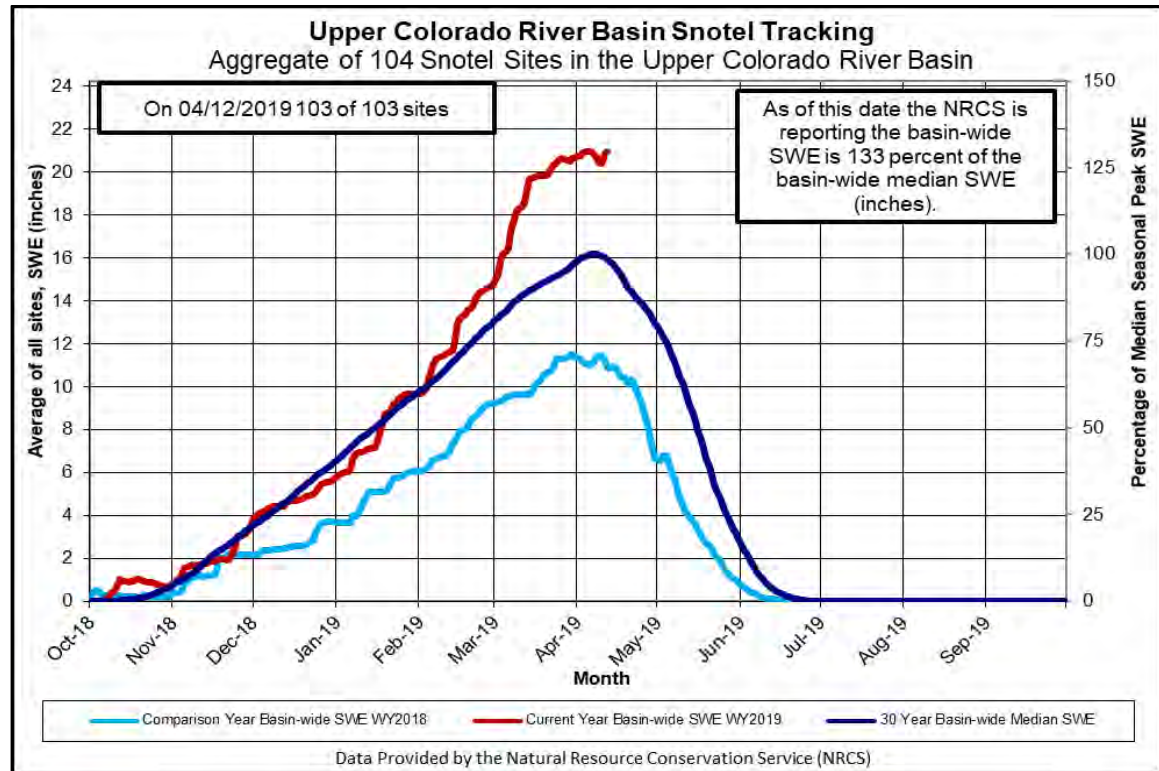
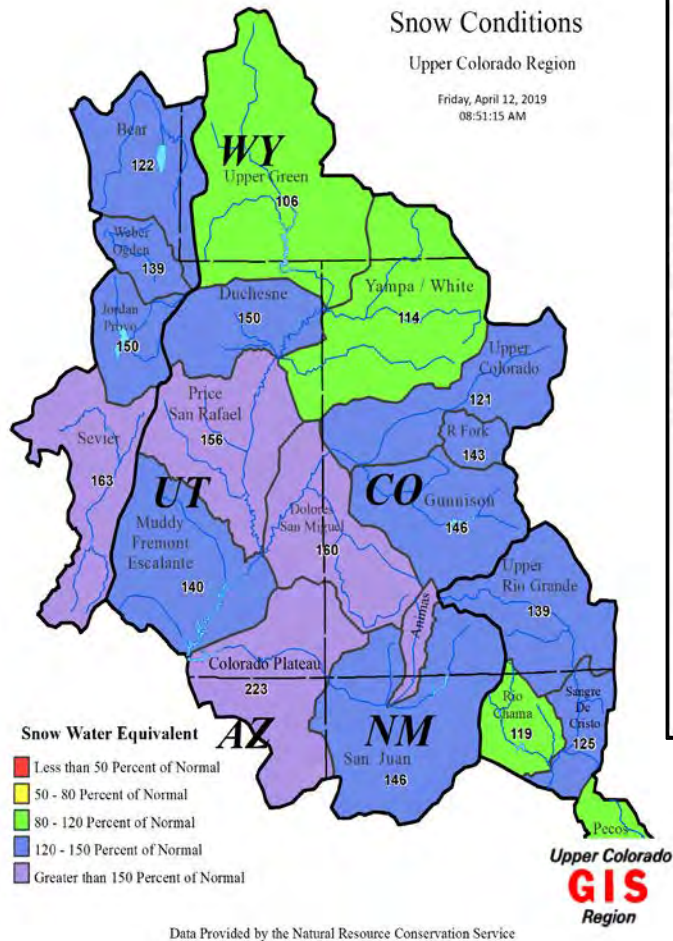
**April 15, 2019**

# Presentation Outline

- **Upper Basin hydrology and projected operations**
  - April adjustment to balancing releases in WY 2019
- **Lower Basin hydrology and projected operations**
- **Questions/Discussion**



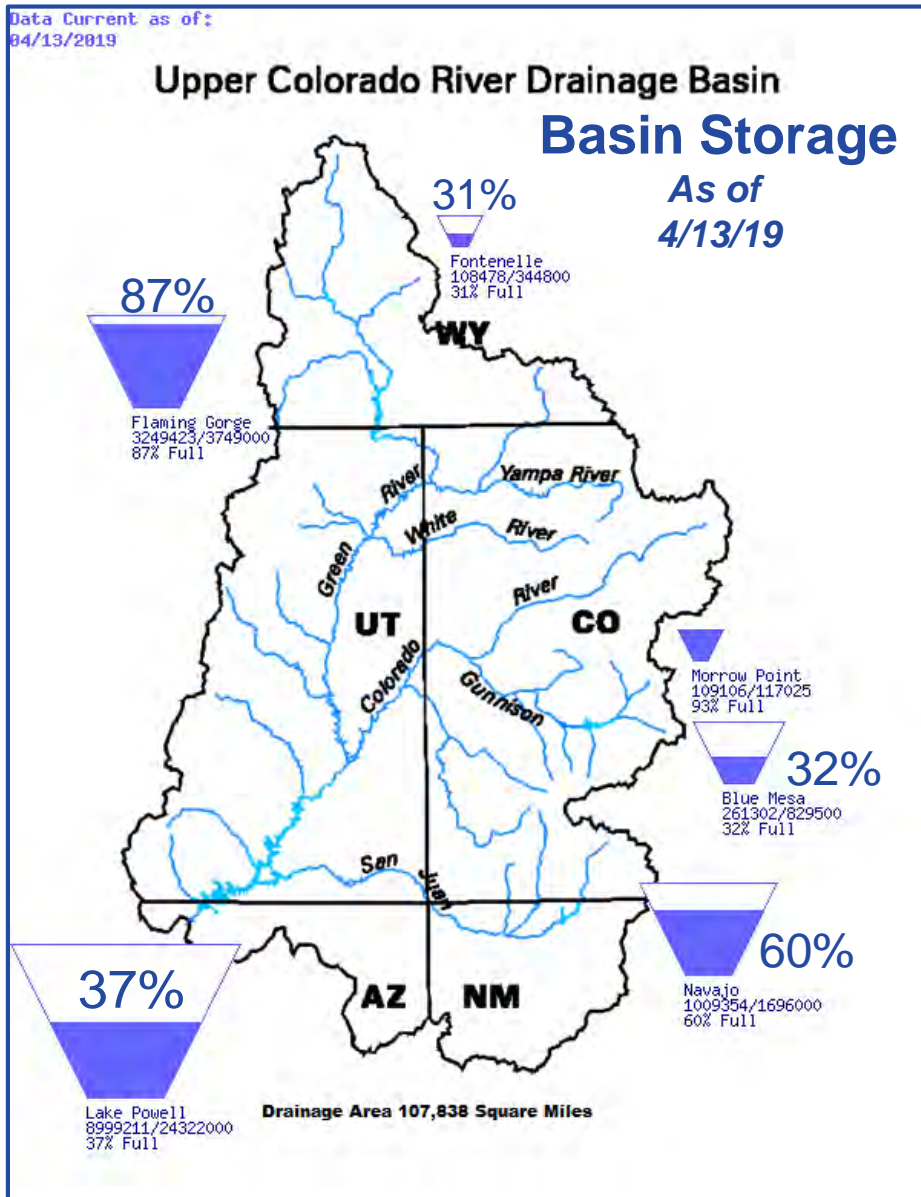
# Snow Conditions



We are past the peak of the snow accumulation period and are 133% of the seasonal SWE



# Upper Basin Storage



## 2019 April - July Forecasted Inflow Issued April 2, 2019

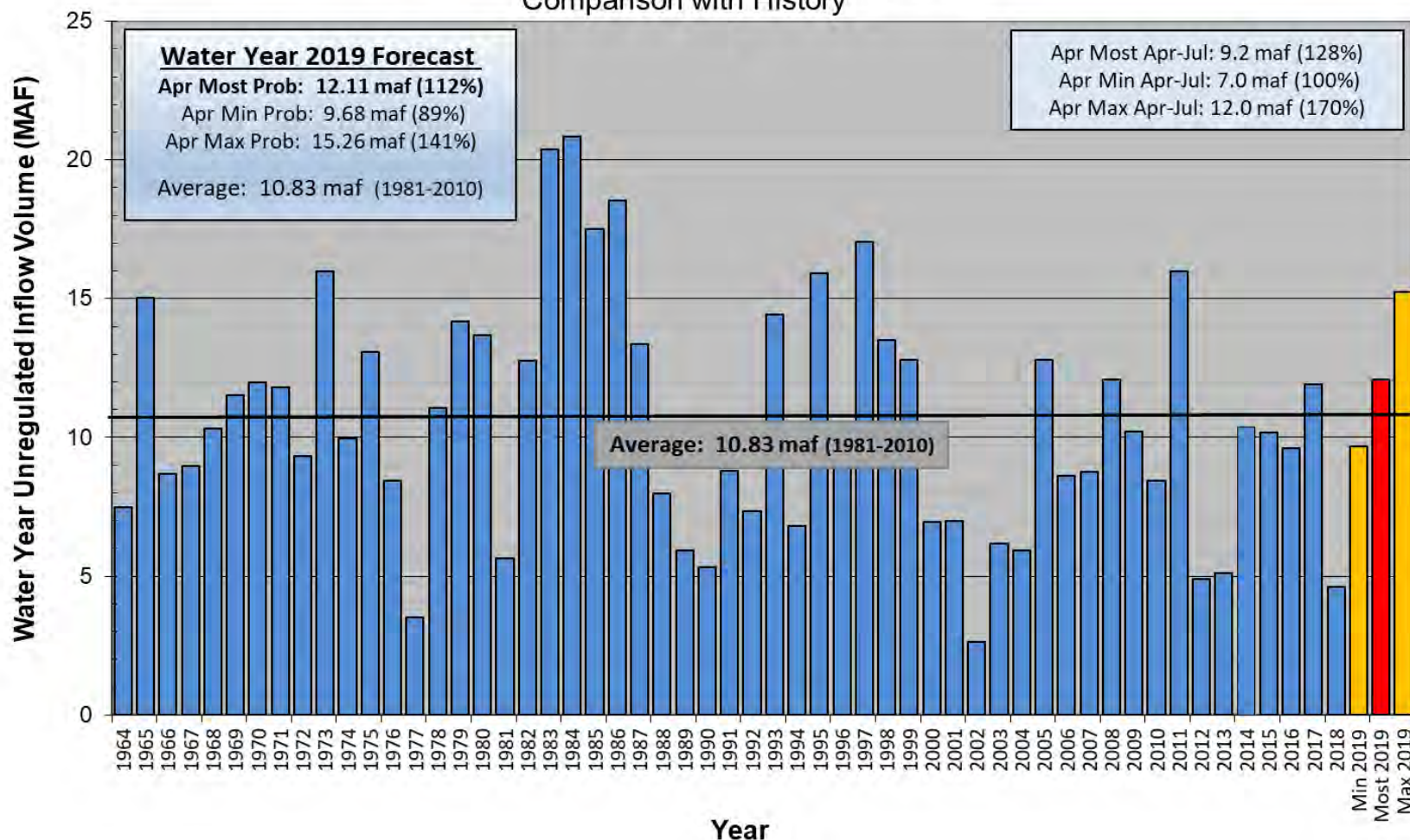
Reservoir	Forecast (kaf)	Percent of Average <sup>1</sup>
Fontenelle	630	87
Flaming Gorge	830	85
Blue Mesa	925	137
Navajo	920	125
Powell	9,200	128

<sup>1</sup> Percent of average based on period 1981-2010.

# Lake Powell Unregulated Inflow

## Water Year 2019 Forecast (issued April 2)

### Comparison with History



# **April 24-Month Study Projections**

**Upper Colorado Operations**

# Lake Powell & Lake Mead Operational Table

Operational Tiers for Water/Calendar Year 2019<sup>1</sup>

Lake Powell		
Elevation (feet)	Operation According to the Interim Guidelines	Live Storage (maf) <sup>1</sup>
3,700	Equalization Tier Equalize, avoid spills or release 8.23 maf	24.3
3,636 - 3,666 (2008-2026)	Upper Elevation Balancing Tier <sup>2</sup> Release 8.23 maf	15.5 - 19.3 (2008-2026)
3,586.55 ft		
Jan 1, 2019 projection		
3,575	if Lake Mead < 1,075 feet, balance contents with a min/max release of 7.0 and 9.0 maf	9.5
3,525	Mid-Elevation Release Tier Release 7.48 maf; if Lake Mead < 1,025 feet, release 8.23 maf	5.9
3,490	Lower Elevation Balancing Tier Balance contents with a min/max release of 7.0 and 9.5 maf	4.0
3,370		0

Lake Mead		
Elevation (feet)	Operation According to the Interim Guidelines	Live Storage (maf) <sup>1</sup>
1,220	Flood Control Surplus or Quantified Surplus Condition Deliver > 7.5 maf	25.9
1,200 (approx.) <sup>2</sup>	Domestic Surplus or ICS Surplus Condition Deliver > 7.5 maf	22.9 (approx.) <sup>2</sup>
1,145	Normal or ICS Surplus Condition Deliver ≥ 7.5 maf	15.9
1,105		11.9
1,079.50 ft		
Jan 1, 2019 projection		
1,075	Shortage Condition Deliver 7.167 <sup>4</sup> maf	9.4
1,050	Shortage Condition Deliver 7.083 <sup>5</sup> maf	7.5
1,025	Shortage Condition Deliver 7.0 <sup>6</sup> maf Further measures may be undertaken <sup>7</sup>	5.8
1,000		4.3
895		0

Diagram not to scale

<sup>1</sup> Acronym for million acre-feet

<sup>2</sup> This elevation is shown as approximate as it is determined each year by considering several factors including Lake Powell and Lake Mead storage, projected Upper Basin and Lower Basin demands, and an assumed inflow.

<sup>3</sup> Subject to April adjustments which may result in a release according to the Equalization Tier

<sup>4</sup> Of which 2.48 maf is apportioned to Arizona, 4.4 maf to California, and 0.287 maf to Nevada

<sup>5</sup> Of which 2.40 maf is apportioned to Arizona, 4.4 maf to California, and 0.283 maf to Nevada

<sup>6</sup> Of which 2.32 maf is apportioned to Arizona, 4.4 maf to California, and 0.280 maf to Nevada

<sup>7</sup> Whenever Lake Mead is below elevation 1,025 feet, the Secretary shall consider whether hydrologic conditions together with anticipated deliveries to the Lower Division States and Mexico is likely to cause the elevation at Lake Mead to fall below 1,000 feet. Such consideration, in consultation with the Basin States, may result in the undertaking of further measures, consistent with applicable Federal law.

<sup>1</sup> Lake Powell and Lake Mead operational tier determinations were based on August 2018 24-Month Study projections as documented in the draft 2019 AOP.

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# Timing of Operational Decisions

- August 24-Month Study projections of January 1 elevations sets the operating tiers for Lake Powell and Lake Mead
- When Lake Powell is in Upper Elevation Balancing Tier, April 24-Month Study projections of September 30 elevations may result in an adjustment to Powell's operations

## B. Upper Elevation Balancing Tier

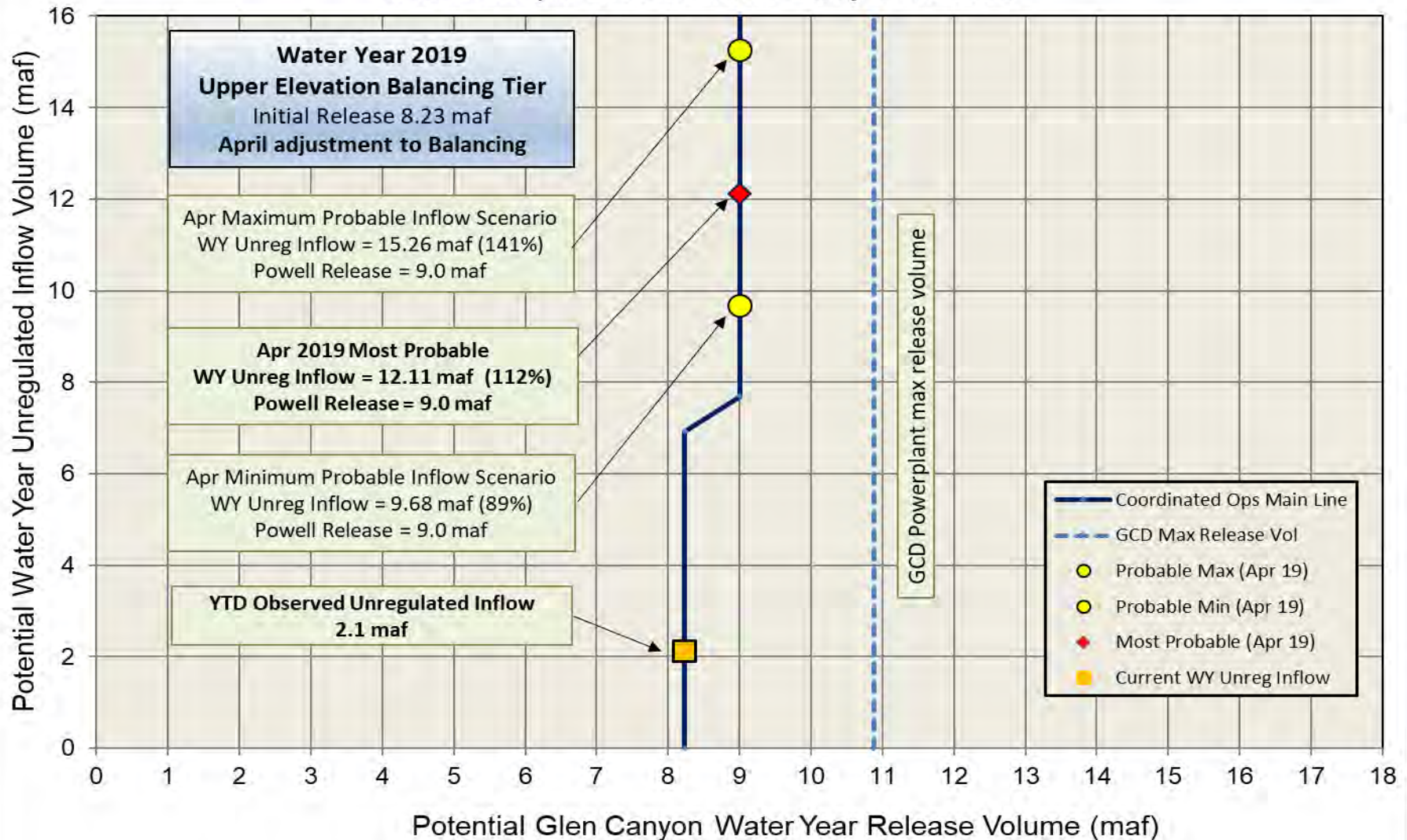
1. In Water Years when the projected January 1 Lake Powell elevation is below the elevation stated in the Lake Powell Equalization Elevation Table and at or above 3,575 feet, the Secretary shall release 8.23 maf from Lake Powell if the projected January 1 Lake Mead elevation is at or above 1,075 feet.
2. If the projected January 1 Lake Powell elevation is below the elevation stated in the Lake Powell Equalization Elevation Table and at or above 3,575 feet and the projected January 1 Lake Mead elevation is below 1,075 feet, the Secretary shall balance the contents of Lake Mead and Lake Powell, but shall release not more than 9.0 maf and not less than 7.0 maf from Lake Powell in the Water Year.
3. When operating in the Upper Elevation Balancing Tier, if the April 24-Month Study projects the September 30 Lake Powell elevation to be greater than the elevation in the Lake Powell Equalization Elevation Table, the Equalization Tier will govern the operation of Lake Powell for the remainder of the Water Year (through September).
4. When operating under Section 6.B.1, if the April 24-Month Study projects the September 30 Lake Mead elevation to be below 1,075 feet and the September 30 Lake Powell elevation to be at or above 3,575 feet, the Secretary shall balance the contents of Lake Mead and Lake Powell, but shall release not more than 9.0 maf and not less than 8.23 maf from Lake Powell in the Water Year.
5. When Lake Powell is projected to be operating under Section 6.B.2. and more than 8.23 maf is projected to be released from Lake Powell during the upcoming Water Year, the Secretary shall recalculate the August 24-Month Study projection of the January 1 Lake Mead elevation to include releases above 8.23 maf that are scheduled to be released from Lake Powell during the months of October, November, and December of the upcoming Water Year, for the purposes of determining Normal or Shortage conditions pursuant to Sections 2.A. or 2.D. of these Guidelines.

**August  
Determination**

**April  
Determination**

# Potential Lake Powell Release Scenarios

Water Year 2019 Release Volume as a Function of Unregulated Inflow Volume  
based on April 2019 24-Month Study Conditions

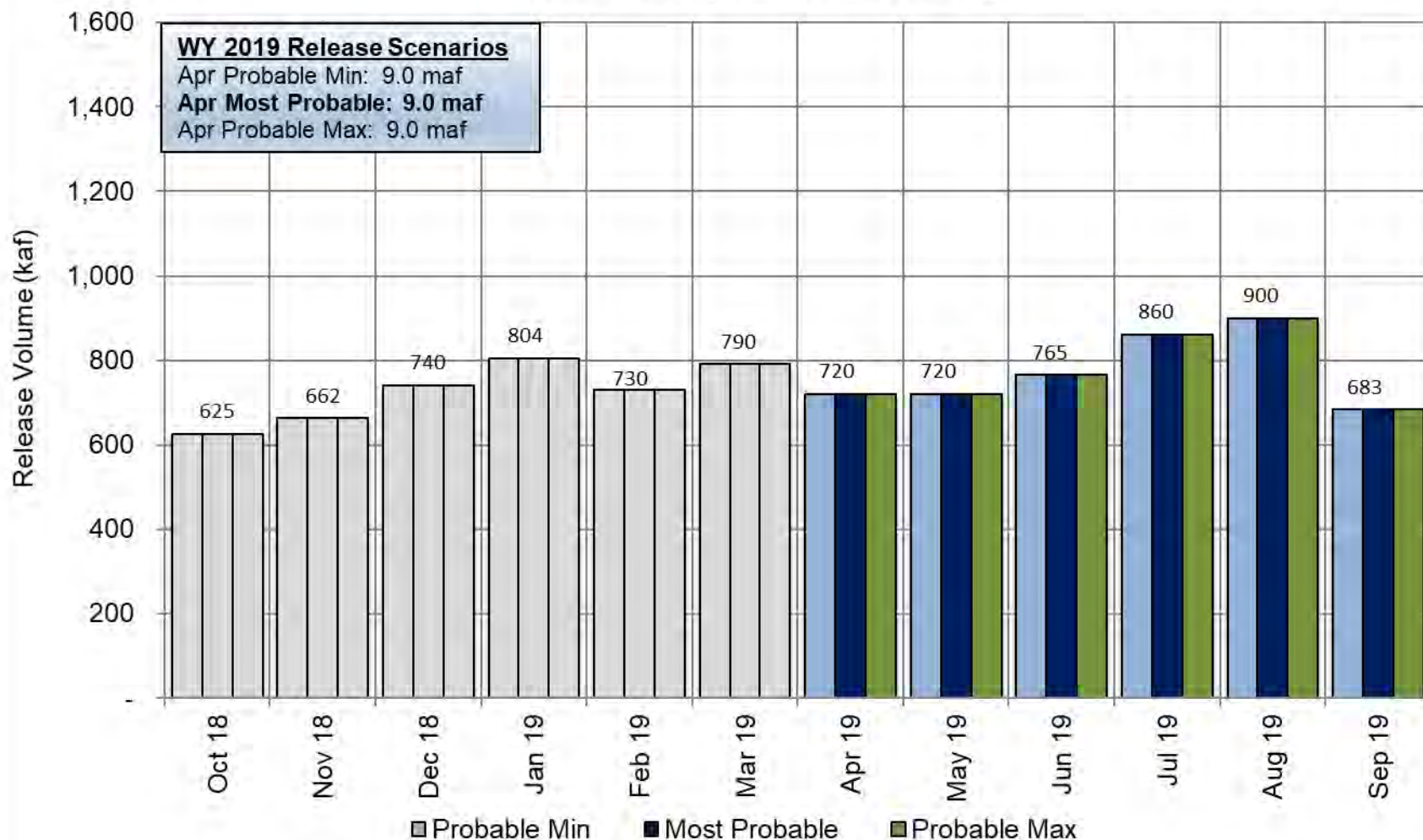




# Projected Lake Powell Monthly Release Volume Distribution

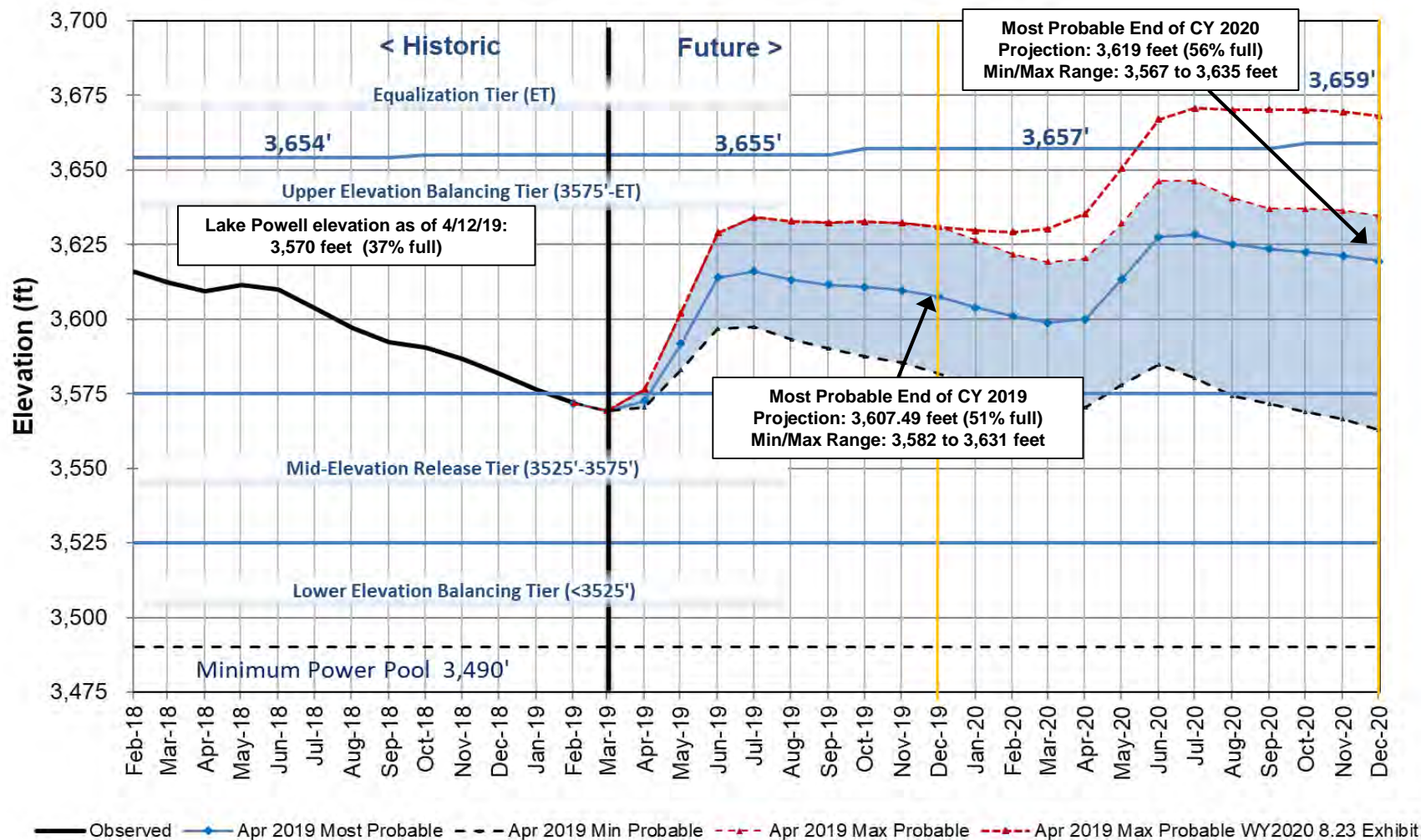
Release Scenarios for Water Year 2019

Based on April 2019 modeling



# Lake Powell End of Month Elevations

## Historic and Projected based on April 2019 Modeling



### Water Year 2019 Projections

Apr Most: 9.0 maf release  
Apr Min: 9.0 maf release  
Apr Max: 9.0 maf release

### Water Year 2020 Projections

Apr Most: 9.0 maf release  
Apr Min: 8.72 maf release  
Apr Max: 12.84 maf release

# **April 24-Month Study Projections**

**Lower Basin Operations**

# Colorado River Basin Storage

(as of April 14, 2019)

Reservoir	Percent Full	Storage (maf)	Elevation (feet)
Lake Powell	37	9.00	3,569
Lake Mead	41	10.81	1,089
Total System Storage	45	26.84	-
<b><i>Total System Storage</i></b> <i>(at this time last year)</i>	52	30.80	-



# Lake Powell & Lake Mead Operational Table

Operational Tiers for Water/Calendar Year 2019<sup>1</sup>

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3,370		0

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Elevation (feet)	Operation According to the Interim Guidelines	Live Storage (maf) <sup>1</sup>
1,220	Flood Control Surplus or Quantified Surplus Condition Deliver > 7.5 maf	25.9
1,200 (approx.) <sup>2</sup>	Domestic Surplus or ICS Surplus Condition Deliver > 7.5 maf	22.9 (approx.) <sup>2</sup>
1,145	Normal or ICS Surplus Condition Deliver ≥ 7.5 maf	15.9
1,105		11.9
1,079.50 ft		
Jan 1, 2019 projection		
1,075	Shortage Condition Deliver 7.167 <sup>4</sup> maf	9.4
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1,025	Shortage Condition Deliver 7.0 <sup>6</sup> maf Further measures may be undertaken <sup>7</sup>	5.8
1,000		4.3
895		0

Diagram not to scale

<sup>1</sup> Acronym for million acre-feet

<sup>2</sup> This elevation is shown as approximate as it is determined each year by considering several factors including Lake Powell and Lake Mead storage, projected Upper Basin and Lower Basin demands, and an assumed inflow.

<sup>3</sup> Subject to April adjustments which may result in a release according to the Equalization Tier

<sup>4</sup> Of which 2.48 maf is apportioned to Arizona, 4.4 maf to California, and 0.287 maf to Nevada

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<sup>7</sup> Whenever Lake Mead is below elevation 1,025 feet, the Secretary shall consider whether hydrologic conditions together with anticipated deliveries to the Lower Division States and Mexico is likely to cause the elevation at Lake Mead to fall below 1,000 feet. Such consideration, in consultation with the Basin States, may result in the undertaking of further measures, consistent with applicable Federal law.

<sup>1</sup> Lake Powell and Lake Mead operational tier determinations were based on August 2018 24-Month Study projections as documented in the draft 2019 AOP.

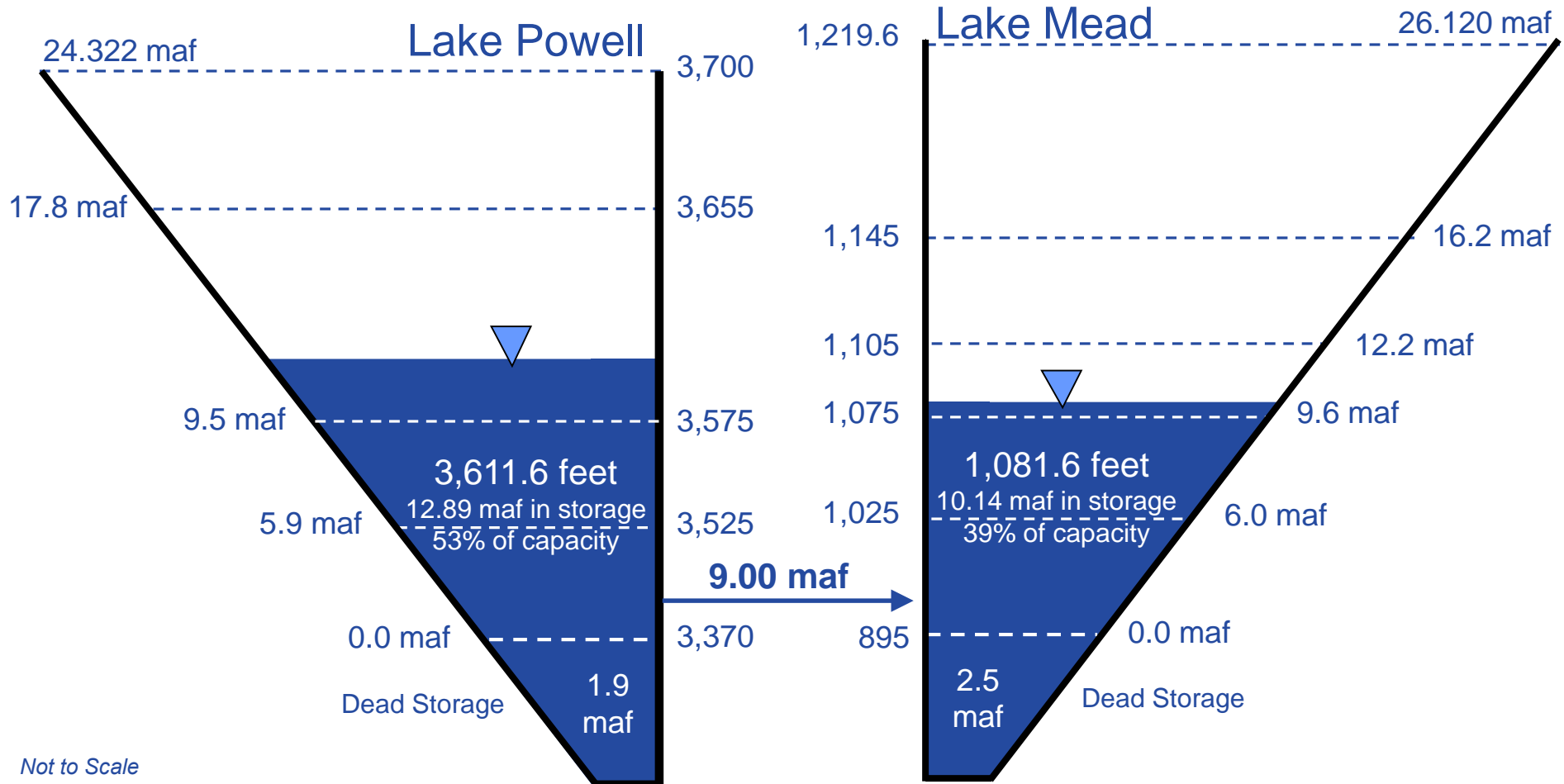
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# End of Water Year 2019 Projections

April 2019 24-Month Study Most Probable Inflow Scenario<sup>1</sup>

*Projected Lake Powell Unregulated Inflow = 12.11 maf (112% of average)*



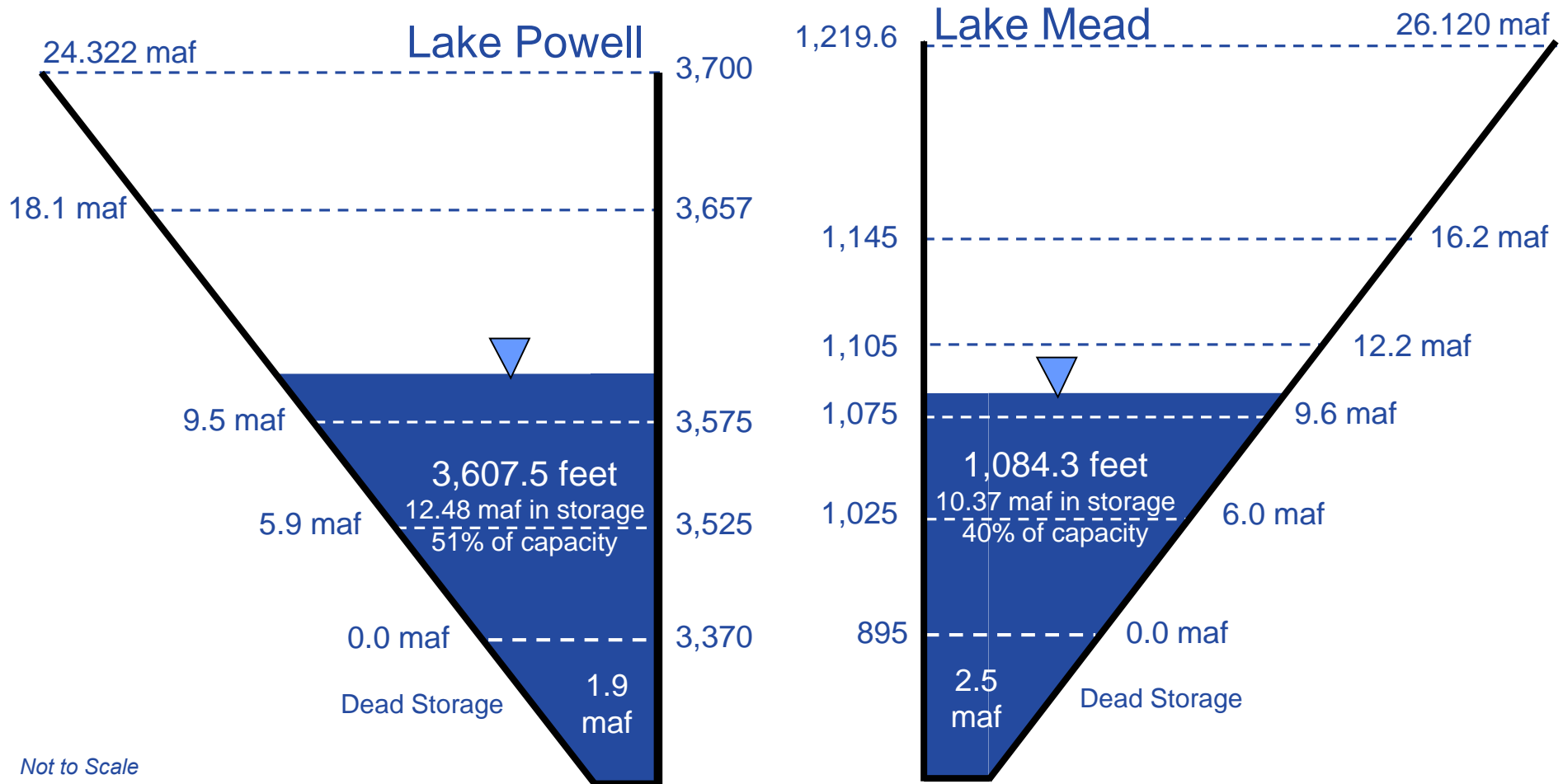
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<sup>1</sup> WY 2019 unregulated inflow into Lake Powell is based on the CBRFC forecast dated 4/2/19.

# End of Calendar Year 2019 Projections

April 2019 24-Month Study Most Probable Inflow Scenario<sup>1</sup>

*Based on a Lake Powell release of 9.00 maf in WY 2019 & WY 2020*

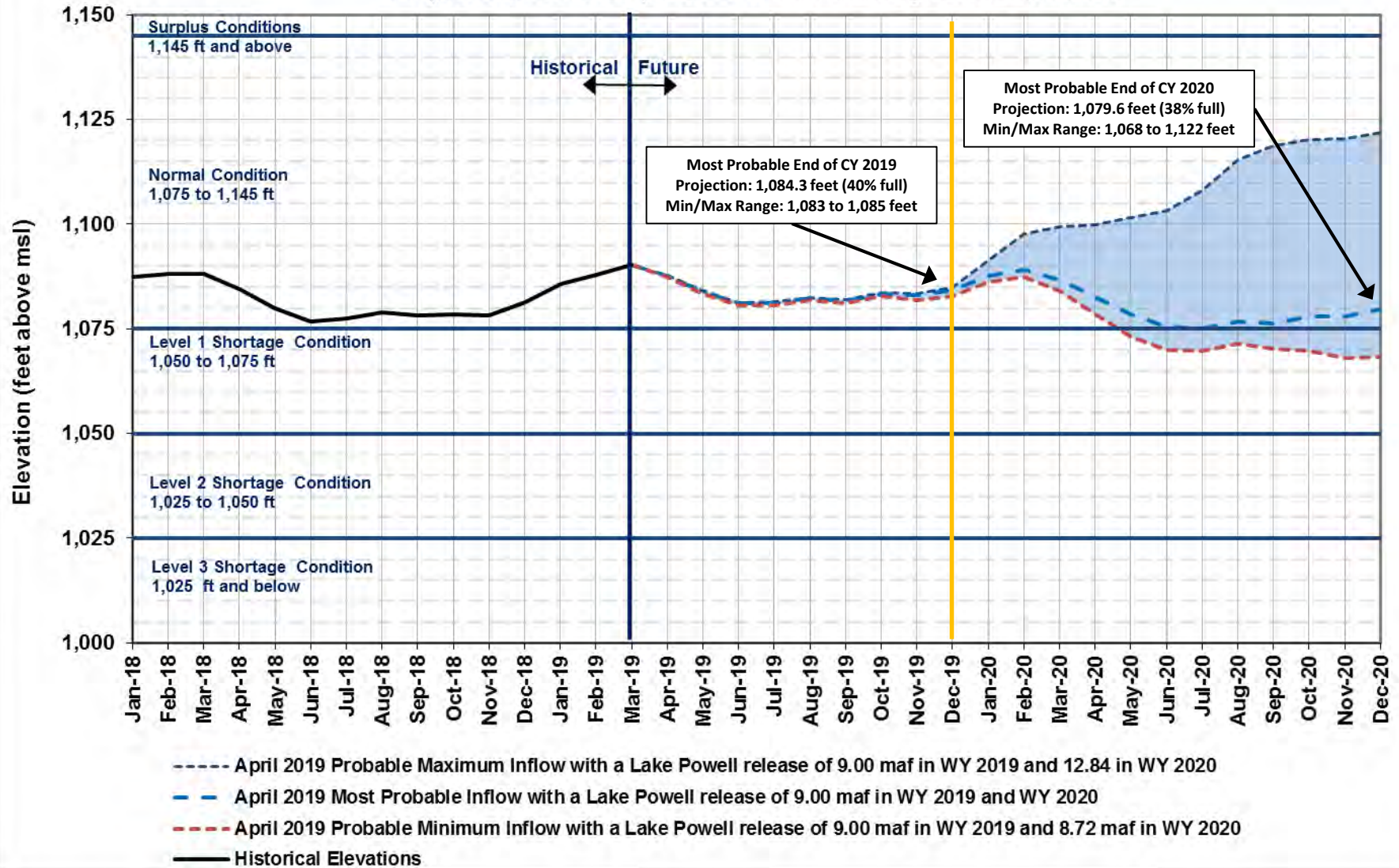


*Not to Scale*

<sup>1</sup> WY 2019 unregulated inflow into Lake Powell is based on the CBRFC forecast dated 4/2/19.

# Lake Mead End of Month Elevations

Projections from the April 2019 24-Month Study Inflow Scenarios



# Lower Basin Side Inflows – WY/CY 2019<sup>1,2</sup>

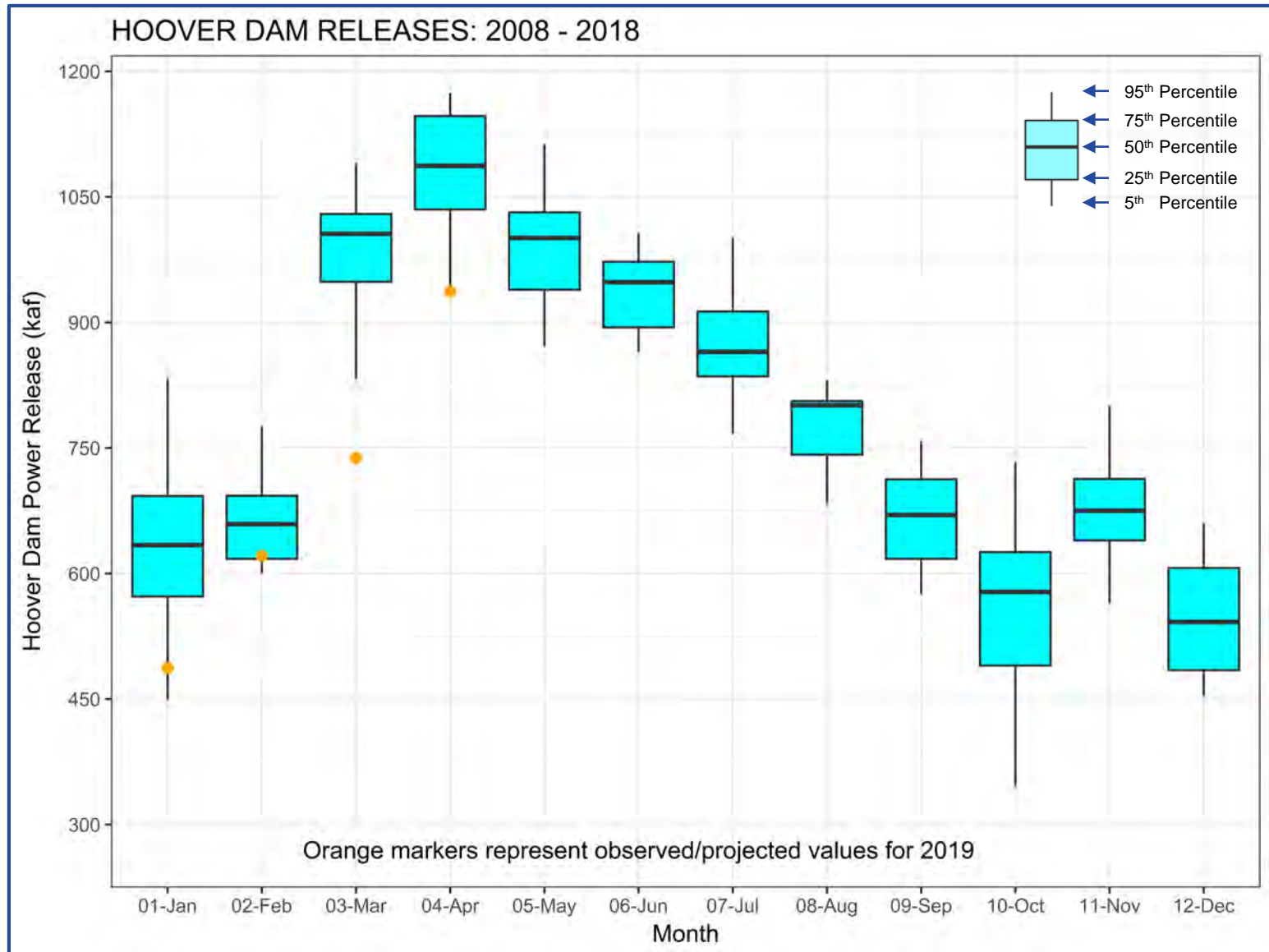
## Intervening Flow from Glen Canyon to Hoover Dam

Month in WY/CY 2019		5-Year Average Intervening Flow (KAF)	Observed Intervening Flow (KAF)	Observed Intervening Flow (% of Average)	Difference From 5-Year Average (KAF)
HISTORICAL	October 2018	82	100	123%	19
	November 2018	54	67	125%	13
	December 2018	51	52	101%	<1
	January 2019	83	106	128%	23
	February 2019	91	127	139%	36
	March 2019	57	202	355%	145
PROJECTED	April 2019	49			
	May 2019	30			
	June 2019	17			
	July 2019	80			
	August 2019	100			
	September 2019	91			
	October 2019	82			
	November 2019	54			
	December 2019	51			
	<b>WY 2019 Totals</b>	784	1,021	130%	236
	<b>CY 2019 Totals</b>	784	988	126%	204

<sup>1</sup> Values were computed with the LC's gain-loss model for the most recent 24-month study.

<sup>2</sup> Percents of average are based on the 5-year mean from 2014-2018.

# Demands Below Hoover





# Percent of Traces with Event or System Condition

## Results from January 2019 MTOM/CRSS<sup>1,2,3,4</sup> (values in percent)

	Event or System Condition	2019	2020	2021	2022	2023
Upper Basin – Lake Powell	<b>Equalization Tier</b>	<b>0</b>	<b>1</b>	<b>10</b>	<b>13</b>	<b>17</b>
	<i>Equalization – annual release &gt; 8.23 maf</i>	0	1	10	13	17
	<i>Equalization – annual release = 8.23 maf</i>	0	0	0	0	0
	<b>Upper Elevation Balancing Tier</b>	<b>100</b>	<b>31</b>	<b>42</b>	<b>48</b>	<b>46</b>
	<i>Upper Elevation Balancing – annual release &gt; 8.23 maf</i>	43	19	39	44	40
	<i>Upper Elevation Balancing – annual release = 8.23 maf</i>	57	11	3	4	6
	<i>Upper Elevation Balancing – annual release &lt; 8.23 maf</i>	0	1	0	1	0
	<b>Mid-Elevation Release Tier</b>	<b>0</b>	<b>66</b>	42	44	22
	<i>Mid-Elevation Release – annual release = 8.23 maf</i>	0	0	0	0	4
	<i>Mid-Elevation Release – annual release = 7.48 maf</i>	0	66	42	21	18
	<b>Lower Elevation Balancing Tier</b>	<b>0</b>	<b>3</b>	<b>6</b>	<b>15</b>	<b>16</b>
Lower Basin – Lake Mead	<b>Shortage Condition – any amount (Mead ≤ 1,075 ft)</b>	<b>0</b>	<b>69</b>	<b>82</b>	<b>81</b>	<b>79</b>
	<i>Shortage – 1<sup>st</sup> level (Mead ≤ 1,075 and ≥ 1,050)</i>	0	69	50	33	26
	<i>Shortage – 2<sup>nd</sup> level (Mead &lt; 1,050 and ≥ 1,025)</i>	0	0	31	39	31
	<i>Shortage – 3<sup>rd</sup> level (Mead &lt; 1,025)</i>	0	0	0	9	21
	<b>Surplus Condition – any amount (Mead ≥ 1,145 ft)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>4</b>
	<i>Surplus – Flood Control</i>	0	0	0	0	0
	<b>Normal or ICS Surplus Condition</b>	<b>100</b>	<b>31</b>	<b>18</b>	<b>17</b>	<b>17</b>

These projections are currently being updated to reflect current hydrology

<sup>1</sup> Reservoir initial conditions based on December 31, 2019 conditions using the Mid-term Probabilistic Operations Model. MTOM uses the January 4, 2019 unregulated inflow forecast from the CBRFC.

<sup>2</sup> Each of the 35 initial conditions were coupled with 111 hydrologic inflow sequences based on resampling of the observed natural flow record from 1906-2016 for a total of 3,885 traces analyzed.

<sup>3</sup> Percentages shown may not sum to 100% due to rounding to the nearest percent.

<sup>4</sup> Percentages shown may not be representative of the full range of future possibilities that could occur with different modeling assumptions.

# Next Steps

- The April 2019 24-Month Study will be distributed this afternoon
- The April 2019 MTOM/CRSS run is currently being developed
  - Results including an updated 5-year table will be provided via email
- The 2020 Annual Operating Plan consultation dates have been set
  - 1st Consultation – Tuesday, June 4, 2019
    - From 10:00 am to 1:00 pm PDT
    - Via Webinar Only
  - 2nd Consultation – Thursday, July 25, 2019
    - From 10:00 am to 1:00 pm PDT
    - In-Person at McCarran Airport with webinar option
  - 3rd Consultation – Thursday, September 5, 2019
    - From 10:00 am to 1:00 pm PDT
    - In-Person at McCarran Airport with webinar option

A painting of a reservoir between red rock mountains. The water is a deep blue, reflecting the sky and the surrounding landscape. The mountains are a reddish-brown color, with some green vegetation at the base. The sky is a light blue with some white clouds. The overall style is that of a classic landscape painting.

## Questions and Discussion

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## BlazeCast Mass Notification Summary

To help protect Agency employees in the event of an emergency, such as an active shooter, the Agency has invested in a mass notification system called BlazeCast. DWA will be using this system to broadcast an emergency warning to its employees.

The system is comprised of computer software and network switching devices, which are configured to simultaneously broadcast a specific, location-oriented warning over several communication mediums used throughout the Agency, to include desktop and laptop computer screens, Agency cell phones, text messages, company landline telephones, and radio signal. The system also activates strobe lighting within the Operation Center building, and can activate many other Ethernet devices that can be integrated into any Agency response strategy.

BlazeCast will allow DWA employees to activate the system from any desktop telephone and deliver a warning message that will inform all Agency employees that there is an active shooter onsite, and will simultaneously contact the local police department.

Installation of amber emergency strobe lights is underway and will be completed in the Operations Center by Friday, May 17. Network configuration for BlazeCast is also in the process and will be ready by Monday, May 20.

The Information and Systems Department (I.S.) and Operations Department personnel are performing all installation and configuration of these components. Mitel, in coordination with Frontier, will be installing and configuring all BlazeCast system software after May 20 and continuing through June 24, lasting approximately 5 weeks.

I.S. system administrators will then undergo a week of online training sessions on system operation, administration, programming, and troubleshooting of the BlazeCast system, totaling 4 hours each. Once the system is up and running, an Agency-wide training session on the integration of BlazeCast will be held, followed by an evacuation drill. This process should all be completed by the middle of July.

### Human Resources Activities:

April 1, 2019	Weekly Staff Meeting
April 2, 2019	Inland Empire Human Resources Consortium
April 3, 2019	United Way Executive Board Meeting
April 3, 2019	New Employee Orientation
April 17, 2019	United Way Board Meeting
April 17, 2019	Accounting Supervisor Interviews
April 18, 2019	Accounting Supervisor Interviews
April 22, 2019	Engineering/Operations Meeting
April 23, 2019	ACWA JPIA HR Group Meeting
April 25, 2019	Safety Meeting and United Way Campaign Kick-Off
April 29, 2019	Weekly Staff Meeting
April 29 – April 30	Hosted an On-Site Water Treatment Test Prep Class
May 1, 2019	United Way Executive Board Meeting
May 7, 2019	Supervisor Training – <i>12 O'clock High</i>
May 13, 2019	Weekly Staff Meeting
May 15, 2019	United Way Board Meeting
May 20, 2019	Weekly Staff Meeting
May 21, 2019	Board Meeting

### SWP Delivery Update

Deliveries to Whitewater continue, with an increase to 550 cfs on May 8. On April 17, the Whitewater Hydro was placed in service at a flow of approximately 170 cfs. For the month of April, the hydro plant generated approximately 314,995 kWh, resulting in a SCE settlement amount of \$27,778.

At Mission Creek Spreading Basin, deliveries began on April 1 at 50 cfs and were scheduled to last until approximately April 22, 2019, for a total water delivery of approximately 2,230 AC-FT for April.

The flow into the Mission Creek Basins is based on a MWD meter located at the outlet structure on the aqueduct. Although the flow was set at approximately 50 cfs, the levels in the ponds indicated that the actual flow was much less. On April 19, we contacted MWD and advised them that there may be an issue with the meter. The following week, MWD notified us that the meter was not measuring the flow accurately due to air in the pipeline and that they were working on correcting the problem. On April 29, flow to the Mission Creek basins was stopped. As of May 14, MWD is still working on correcting the problem and is also trying to determine the actual amount of water that was delivered to the basins for the month. Based on the water levels in the ponds, and reviewing previous pond levels at different flow rates, we estimate that the flow rate to the ponds was closer to 10 to 15 cfs, not 50 cfs, which calculates a total volume of water delivered at approximately 600 AC-FT for the month. These numbers are very rough estimates. We will continue to work with MWD to determine more accurate figures.

## Removal of Well 20 from Production

Well 20 is located near Saturnino Road and South Avenida Caballeros, adjacent to the Baristo Wash Storm Channel. The Well was drilled and developed in early 1972 to total depth of 980 feet, which consisted of various casing sizes along the depth (16" at the top, 12" at lower depths, and 10" at the bottom). Well 20 immediately showed poor performance and was redeveloped one month later. Over the years, the Well showed poor performance and was redeveloped several times to improve the drawdown and flow.

In 2015, Well 20 showed poor performance in the form of low pressure and low flow. The pump was removed for inspection, at which time it was found that the bolts holding the pump bowl sections together corroded away, allowing the pump bowl sections to separate, which reduced the pump output. The pump was repaired. The Well was inspected, during the inspection a hole in the well casing was found 390 feet below the surface. The hole in the casing was patched and the pump was reinstalled.

In 2018, Well 20 showed poor performance in the form of low pressure and low flow. The pump was removed for inspection, at which time it was determined that the pump bowls had worn down and were out of tolerance. The wear caused an excessive gap between the pump bowls, which allowed water to recirculate in the bowl and not be pumped upwards. The repair on the pump was placed on hold until a cause of the excessive wear could be determined.

Well 20 was inspected under the assumption that fine material (such as silt) was being drawn into the pump due to excessive velocity through the casing perforations. The inspection found that the patch had dropped down the well and the perforations were excessively clogged. In an attempt to clear the perforations and reduce the excessive drawdown/velocity, the Well was redeveloped using standard mechanical and chemical methods. After many attempts, the excessive drawdown could not be improved. The redevelopment was suspended.

After the redevelopment attempts were unsuccessful, it was decided that the Well could be made useable if a lower flow pump was installed; reducing the flow would lower the drawdown to an acceptable level. Plans were made to purchase a new lower flow pump and patch the existing hole in the casing wall at 390 feet. The Well was re-inspected prior to installing the patch at 390 feet, at which time it was found that multiple holes in the casing had formed at different elevations, which indicated that the casing was severely corroded and more holes were likely to form. The work on the well was suspended.

In discussions with the well rehabilitation contractor and Agency management, it was determined that Well 20 was deteriorating at such a rate that any additional measures to rehabilitate the Well would not be successful. Work was halted, and the Well was severed from the system. The Agency is in the process of inactivating the Well with the Division of Drinking Water.

SYSTEM LEAK DATA					
(PERIOD BEGINNING APRIL 10, 2019 THRU MAY 14, 2019)					
STREET NAME	NUMBER OF LEAKS	PIPE DIAMETER (INCHES)	YEAR INSTALLED	PIPE MATERIAL	PIPE CONSTRUCTION
LIVMOR AVE	8	6	1955	STEEL	BARE/UNLINED
CHINO DR	7	4	1936	STEEL	BARE/UNLINED
SANBORN WY	6	6	1958	STEEL	BARE/UNLINED
CERRITOS RD	6	6	1955	STEEL	BARE/UNLINED
VIA VAQUERO	6	4	1958	STEEL	BARE/UNLINED
ARABY DR	5	6	1947	STEEL	BARE/UNLINED
SUNSET WY	4	6	1956	STEEL	BARE/UNLINED
ANDREAS RD	4	6	1958	STEEL	BARE/UNLINED
MERITO PL	3	6	1947	STEEL	BARE/UNLINED
PLAIMOR AVE	3	6	1955	STEEL	BARE/UNLINED
CHIA RD	2	4	1946	STEEL	BARE/UNLINED
EASMOR CIR	2	4	1948	STEEL	BARE/UNLINED
AVENIDA CABALLEROS	2	20	1949	STEEL	BARE/UNLINED
DESERT PARK AVE	2	6	1955	STEEL	BARE/UNLINED
CAMINO SAN MIGUEL	2	4	1946	STEEL	BARE/UNLINED
AIRLANE DR	1	6	1955	STEEL	BARE/UNLINED
MISSION RD	1	5	1939	STEEL	BARE/UNLINED
CAHUILLA RD	1	4	1939	STEEL	BARE/UNLINED
CANYON PL	1	4	1939	STEEL	BARE/UNLINED
VISTA CHINO	1	20	1949	STEEL	BARE/UNLINED
AVENIDA CABALLEROS	1	14	1953	STEEL	BARE/UNLINED
CAMINO REAL	1	12	1953	STEEL	BARE/UNLINED
BROADMOOR DR	1	10	1958	STEEL	BARE/UNLINED
S PALM CANYON DR	1	10	1938	STEEL	BARE/UNLINED
INDIAN CANYON DR	1	8	1938	STEEL	BARE/UNLINED
VIA MONTE VISTA	1	8	1953	STEEL	BARE/UNLINED
CALLE PALO FIERRO	1	8	1949	STEEL	BARE/UNLINED
FRANCIS DR	1	8	1957	STEEL	BARE/UNLINED
ALEJO RD	1	8	1958	STEEL	BARE/UNLINED
TAHQUITZ CANYON DR	1	8	1946	STEEL	BARE/UNLINED
LOUELLA RD	1	6	1955	STEEL	BARE/UNLINED
EL PLACER RD	1	6	1946	STEEL	BARE/UNLINED
PATENCIO RD	1	6	1951	STEEL	BARE/UNLINED
LUGO RD	1	6	1954	STEEL	BARE/UNLINED
RAMON RD	1	6	1950	STEEL	BARE/UNLINED
CAMINO PAROCOLA	1	6	1951	STEEL	BARE/UNLINED
RACQUET CLUB RD	1	6	1958	STEEL	BARE/UNLINED
SATURMINO DR	1	4	1946	STEEL	BARE/UNLINED
TERRY LN	1	4	1956	STEEL	BARE/UNLINED
CHUPEROSA RD	1	4	1957	STEEL	BARE/UNLINED
BELAMY RD	1	4	1957	STEEL	BARE/UNLINED
BARISTO RD	1	4	1936	STEEL	BARE/UNLINED
CALLE DE CARLOS	1	4	1946	STEEL	BARE/UNLINED
VIA ENTRADA	1	4	1937	STEEL	BARE/UNLINED
SANTA ROSA DR	1	4	1936	STEEL	BARE/UNLINED
VIA SOLEDAD	1	4	1955	STEEL	BARE/UNLINED
MONTE VISTA DR	1	4	1936	STEEL	BARE/UNLINED
RAMON RD	1	4	1937	STEEL	BARE/UNLINED
WARM SANDS PL	1	4	1946	STEEL	BARE/UNLINED
CERRITOS DR	1	4	1946	STEEL	BARE/UNLINED
LURING DR	1	4	1957	STEEL	BARE/UNLINED
INDIAN TR	1	3	1935	STEEL	BARE/UNLINED
TOTAL LEAKS IN SYSTEM:		99			

Streets highlighted in blue are being proposed as part of the  
**2018/2019 Replacement Pipeline Project**

<b>SYSTEM INFORMATION:</b>	
*OLDEST PIPE IN THE SYSTEM (YEAR OF INSTALLATION):	1925
AVERAGE YEAR OF INSTALLATION OF UNLINED STEEL PIPE (SYSTEMWIDE):	1952
AVERAGE AGE OF UNLINED STEEL PIPE (SYSTEMWIDE):	66 YEARS
AVERAGE AGE OF PIPELINE AT THE TIME OF REPLACEMENT:	68 YEARS
TOTAL LENGTH OF PIPE IN SYSTEM OLDER THAN 68 YEARS (LINEAR FEET):	142,113
TOTAL LENGTH OF UNLINED PIPE SYSTEMWIDE (LINEAR FEET):	303,391
**AVERAGE LENGTH OF PIPE REPLACED ANNUALLY (LINEAR FEET):	14,500
PROJECTED TIME FRAME FOR 100% REPLACEMENT OF UNLINED STEEL PIPE:	21 YEARS
PROJECTED TIME FRAME FOR 100% REPLACEMENT OF PIPE OLDER THAN 68 YEARS:	10 YEARS
YEAR AGENCY TRANSITIONED TO CEMENT LINED STEEL PIPE:	1960
* THIS PIPELINE IS BEING REPLACED AS PART OF THE 2018/2019 REPLACEMENT PIPELINES PROJECT.	
** PLEASE NOTE THIS FIGURE REPRESENTS THE AVERAGE LINEAR FOOTAGE OF PIPELINE REPLACED ANNUALLY GIVEN AN AVERAGE ANNUAL BUDGET OF \$3 MILLION.	





## SYSTEM LEAKS

(Period beginning April 10, 2019 thru May 14, 2019)

DESERT WATER AGENCY  
PALM SPRINGS, CALIFORNIA

### LEGEND

- LEAK(S) RECORDED
- LEAK(S) RECORDED; INCLUDED IN PROPOSED LIST OF STREETS FOR 2018/2019 REPLACEMENT PIPELINES

DWG. BY  
SR



DATE  
5/19

SCALE  
NTS

EXHIBIT  
"A"

## General Manager's Meetings and Activities

### Meetings:

04/15/19	Public Hearing – Election by Division	DWA
04/16/19	DWA Bi-Monthly Board Meeting	DWA
04/17/19	SWC's – SWP Affordability Workshop	SAC
04/17/19	CWF Participation Workshop	SAC
04/18/19	BLM R/W Grant Whitewater River	Conf. Call
04/19/19	Sites Reservoir Committee Meeting	SAC
04/20/19	I.S./Staff/Security	DWA
04/21/19	DWA Facilities Tour	DWA
04/21/19	BLM R/W Grant Whitewater River	Conf. Call
04/22/19	Barrett CVWD Water Supply	CVWD
04/24/19	SWC's – SWP Affordability Workshop	Conf. Call
04/24/19	BLM R/W Grant Whitewater River	Conf. Call
04/25/19	DWA Finance Committee Meeting	DWA
04/25/19	BLM R/W Grant Whitewater Meeting	Conf. Call
04/25/19	K&S Snow Creek & WWI Filtration Environmental	Conf. Call
04/29/19	I.S./Staff/Security	DWA
04/30/19	SWP Class 8 Contractors Meeting	SBVMWD
05/02/19	DWA Records Retention	DWA
05/02/19	CWF Participation Workshop	Conf. Call
05/02/19	DWA General Plan Discussion with K&S	Conf. Call
05/03/19	CWF Participation	Conf. Call
05/06/19	I.S./Staff/Security	DWA
05/07/19	ACWA May 7 thru May 9	Monterey
05/08/19	Meeting with MWD Water Supply	Monterey
05/15/19	SWC's Delta Committee	SAC
05/16/19	SWC Monthly Board Meeting	SAC
05/16/19	DC Finance Monthly Meeting	SAC
05/16/19	Sites SWC Small Work Group Meeting	SAC
05/16/19	SGP GSA's Review of GSP Proposals	Conf. Call
05/17/19	Sites Committee Monthly Meeting	Maxwell
05/21/19	DWA Bi Monthly Board Meeting	DWA

### Activities:

- 1) Investigation of at-large VS. district elections
- 2) SWP – CWF Voluntary Settlement Agreement Framework
- 3) SWP Contract Extension Amendment
- 4) Well 20 Rehabilitation
- 5) DWA Remote Meter Reading Fixed Network
- 6) Whitewater Hydro – Automatic Re-start
- 7) State and Federal Contractors Water Authority and Delta Specific Project Committee (Standing)
- 8) Security Camera Software Upgrade for all facilities



Activities:  
(Cont.)

- 9) Whitewater River Surface Water Recharge
- 10) ACBCI Section 14 Facilities & Easements
- 11) Lake Oroville Spillway Damage
- 12) Replacement Pipelines 2019-2020
- 13) CWF – Finance JPA Committee (Standing)
- 14) DWA/CVWD/MWD Operations Coordination/Article 21/Pool A/Pool B/Yuba Water
- 15) DWA/CVWD/MWD Agreements Meetings (Meeting #8)
- 16) SWP 2019 Water Supply
- 17) ACBCI Water Rights Lawsuit
- 18) Whitewater Hydro Operations Coordination with Recharge Basin O&M
- 19) SGMA Tribal Stakeholder Meetings
- 20) Whitewater Spreading Basins – BLM Permits
- 21) Lake Perris Dam Seepage Recovery Project Participation
- 22) Cal Waterfix Cost Allocation
- 23) DWA Surface Water Filtration Feasibility Snow Creek Village/Palm Oasis
- 24) MCSB Delivery Updates
- 25) Well 6 Meaders Cleaners RWQB Meetings
- 26) SGMA – Indio Subbasin Classification
- 27) SGMA – San Geronio Pass Subbasin
- 28) UWMP Population Calculation Update/Valley-Wide UWMP
- 29) RWQCB Update to the SNMP

**Minutes  
Finance Committee Meeting  
April 25, 2019**

---

**Directors Present:** Kristin Bloomer, Craig Ewing

**Staff Present:** Mark Krause, Martin Krieger, Esther Saenz

**Discussion Items**

1. Proposed 2019/2020 Operating Fund Capital Budget  
The Committee reviewed the proposed Capital Budget.
2. Proposed 2019/2020 General Fund Capital Budget  
The Committee reviewed the proposed Capital Budget.
3. Proposed 2019/2020 Wastewater Fund Capital Budget  
The Committee reviewed the monthly sewer fixed charge adjustment and the proposed capital budget.
4. Proposed 2019/2020 Operating Fund Water Revenue Budget  
The Committee reviewed the Operating Fund Revenue budget including estimated water and reclamation sales revenue and rate adjustments.
5. Other  
The Committee also discussed the estimated Groundwater Replenishment Assessment rate adjustment and associated revenues.

Adjourn

**Minutes**  
**Executive Committee Meeting**  
May 13, 2019

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**Directors Present:** Joe Stuart, Kristin Bloomer

**Staff Present:** Martin Krieger, Steve Johnson, Sylvia Baca

**1. Discussion Items**

A. Review Agenda for May 21, 2019 Regular Board Meeting

The proposed agenda for the May 21, 2019 Regular Board meeting was reviewed.

B. Expense Reports

The April expense reports were reviewed.

**2. Other**

A. ACWA Region 9 Upcoming Election

Staff informed the committee of the upcoming Region 9 Election for the term 2020-2021. Nomination forms are due Friday, June 28. Interested Board Members should notify Sylvia Baca, Assistant Secretary of the Board.

**3. Adjourn**

## **Minutes Conservation & Public Affairs Committee Meeting May 13, 2019**

---

**Directors Present:** Joe Stuart, Jim Cioffi

**Staff Present:** Steve Johnson, Ashley Metzger

### **1. Discussion Items**

#### **A. Fiscal Year 2019/2020 Conservation Programs**

The committee discussed the current rebate programs and elected to discontinue the residential toilet rebate program given that there is a very small percentage of non-efficient toilets available. The commercial toilet rebate program would continue for those replacing 10 or more toilets.

Staff requested input on the turf program. The committee elected to increase the residential rebate from \$1 per square foot to \$2 per square foot. Commercial rebates will still be available at \$2 per square foot and municipal rebates at \$3 per square foot. The committee directed staff to offer rebates to private areas for all customers that include back yards, side yards, behind walls, in HOA interiors, etc.

The committee discussed developing some template designs for customers to use when removing turf and also offering a \$500 rebate toward landscape design services.

President Stuart and Director Cioffi reviewed two new pilot programs for the 2019/2020 year. 1). A high efficiency washing machine pilot will encourage residents to purchase the more expensive, more efficient models. 2). The committee also directed staff to explore implementation of a low-income repair pilot funded by the Agency's late fee. Low-income customers, vetted by United Way of the Desert, would be eligible for limited irrigation or plumbing repairs if they have recently experienced a spike in water use.

The committee directed staff to continue work with the City of Palm Springs on a conservation demonstration garden at Palm Springs International Airport in the area surrounding the fountain.

B. Outreach & Conservation Department Proposed Budget

The committee reviewed the department's budget for water conservation, including turf removal, and outreach, including sponsorships.

The committee recommended adding a line item in the outreach budget for a public opinion survey in the event that the Agency elected to conduct one in the coming fiscal year.

C. July 2019 Rate Increase Outreach

The committee reviewed the draft bill insert slated to be mailed out in June to notify customers of the proposed rate increase and the Help2Others program. The committee directed staff to post a notification on the website.

D. Election by Division Outreach

Staff updated the committee on the development of a new map incorporating public comment. That map will be made available to the Board of Directors and the public at the June 4, 2019 Board Meeting.

E. Education

Staff updated the committee on the new education program in coordination with Tinker Education.

F. Branding

The committee discussed the agency brand with a logo that only has the words "Desert Water" versus the organization being called "Desert Water Agency" or "DWA." The committee made no recommendations but committed to consider the branding further and discuss at a later date.

**2. Other**

None

**3. Adjourn**



**Minutes  
Finance Committee Meeting  
May 15, 2019**

---

**Directors Present:** Kristin Bloomer, Craig Ewing

**Staff Present:** Martin Krieger, Esther Saenz, Steve Johnson

**Discussion Items**

1. Proposed 2019/2020 Operating Fund Budget  
The Committee reviewed the capital budget, estimated water and reclamation sales revenue, rate adjustments, maintenance expenses and reserves.
2. Proposed 2019/2020 General Fund Budget  
The Committee reviewed the groundwater replenishment rate adjustment and estimated revenue, property tax assessment and expense estimates; State Water Project capital charges and expenses. Delta Conveyance and Sites Reservoir costs and reserves. The proposed capital budget and reserves were also reviewed.
3. Proposed 2019/2020 Wastewater Fund Budget  
The Committee reviewed the monthly sewer fixed charge adjustment and the proposed capital budget.
4. Other  
The Committee discussed the potential of establishing a Section 115 Trust for OPEB Benefits.

Adjourn

DESERT WATER AGENCY  
STATEMENT OF CASH RECEIPTS AND EXPENDITURES

OPERATING ACCOUNT

APRIL 2019

INVESTED  
RESERVE FUNDS  
\$22,527,854.09

BALANCE	APRIL 1, 2019	(\$636,180.60)	
WATER SALES		\$1,988,527.45	
RECLAMATION SALES		70,736.15	
WASTEWATER RECEIPTS		85,813.10	
POWER SALES		0.00	
METERS, SERVICES, ETC.		87,772.00	
REIMBURSEMENT – GENERAL FUND		108,989.10	
REIMBURSEMENT – WASTEWATER FUND		22,253.93	
ACCOUNTS RECEIVABLE – OTHER		28,582.37	
CUSTOMER DEPOSITS – SURETY		9,433.69	
CUSTOMER DEPOSITS – CONST.		63,838.13	
LEASE REVENUE		3,454.77	
INTEREST RECEIVED ON INV. FDS.		121,114.05	
FRONT FOOTAGE FEES		0.00	
BOND SERVICE & RESERVE FUND INT		0.00	
MISCELLANEOUS		<u>86,864.38</u>	
TOTAL RECEIPTS		\$2,677,379.12	
PAYMENTS			
PAYROLL CHECKS		\$515,224.44	
PAYROLL TAXES		232,556.84	
ELECTRONIC TRANSFERS		183,488.48	
CHECKS UNDER \$10,000.00		267,842.54	
CHECKS OVER \$10,000.00 – SCH. #1		1,670,413.33	
CANCELLED CHECKS AND FEES		<u>(9,707.74)</u>	
TOTAL PAYMENTS		<u>\$2,859,817.89</u>	
NET INCOME		(\$182,438.77)	
BOND SERVICE ACCOUNT			
MONTHLY WATER SALES		\$0.00	
EXCESS RETURNED BY B/A		<u>\$0.00</u>	
BOND SERVICE FUND			\$0.00
INVESTED RESERVE FUNDS			
FUNDS MATURED		\$2,028,000.00	
FUNDS INVESTED – SCH. #3		<u>1,645,764.05</u>	
NET TRANSFER			<u>\$382,235.95 (\$382,235.95)</u>
BALANCE	APRIL 30, 2019	(\$436,383.42)	\$22,145,618.14

# OPERATING ACCOUNT

SCHEDULE #1-CHECKS OVER \$10,000

CHECK #	NAME	DESCRIPTION	AMOUNT
122314	ACWA-JOINT POWERS INS AUTHORITY	WORKERS COMPENSATION PREMIUM - JANUARY - MARCH 2019	\$50,399.65
122345	J COLON COATINGS INC	2018/2019 CONTRACT PAYMENT - RESERVOIR MAINTENANCE	\$145,440.25
122348	LIBERTY CRANE & RIGGING CONSULTANTS	MOBILE CRANE CERTIFICATION COURSE	\$12,300.00
122372	ROTO ROOTER	EMERGENCY PUMPING ON LIFT STATION (CATHEDRAL CITY)	\$21,741.00
122378	UNITED WATER WORKS INC	WATER SERVICE SUPPLIES	\$15,502.63
122383	PALM CANYON VILLAS HOA	TURF BUY BACK REBATE	\$19,490.00
122384	MESQUITE CANYON ESTATES	TURF BUY BACK REBATE	\$29,936.00
122405	TAHQUITZ 41, LLC	WORK ORDER REFUND (W/O # 14-810)	\$38,000.00
122409	Z&L PAVING, INC	PAVING	\$19,480.50
122426	DESERT WATER AGENCY - WASTEWATER	WASTEWATER REVENUE BILLING FOR MARCH 2019	\$91,612.21
122427	DESERT WATER AGENCY - WASTEWATER	SEWER CAPACITY CHARGE - ALCHEMY WORKS LLC	\$15,720.00
122433	DESERT WATER AGENCY - GENERAL FUND	GROUND WATER BILLING - 3RD QTR 2018/2019 WELLS	\$687,129.02
122449	BACKFLOW APPARATUS & VALVE CO.	WATER SERVICE SUPPLIES	\$34,744.24
122452	BEST BEST & KRIEGER LLP	LEGAL FEES	\$111,754.98
122462	CORE & MAIN LP	WATER SERVICE SUPPLIES	\$11,598.87
122469	DOWN TO EARTH LANDSCAPING	LANDSCAPE MAINTENANCE	\$31,386.05
122477	FIESTA FORD LINCOLN CORP	VEHICLE PURCHASE - UNIT #62 (W/O #18-164-M)	\$68,038.56
122492	INLAND WATER WORKS SUPPLY CO	WATER SERVICE SUPPLIES	\$26,251.33
122497	KRIEGER & STEWART INC	ENGINEERING	\$83,724.40
122503	MCKEEVER WATERWELL & PUMP INC	WELL #20 MAINTENANCE	\$16,324.00
122515	OUTFLOW TECHNOLOGIES	WEB HOSTING & PROGRAMMINING (W/O # 18-179-M)	\$27,245.00
122530	THE SOCO GROUP, INC	FUEL PURCHASES	\$14,645.73
122535	SULZER ELECTRO-MECHANICAL SERVICES	WELL #25 MOTOR MAINTENANCE	\$13,347.63
122536	THATCHER COMPANY OF CALIFORNIA	WATER SERVICE SUPPLIES	\$18,274.28
122547	Z&L PAVING, INC	PAVING	\$52,641.00
122548	JEWISH COMMUNITY CENTER	TURF BUY BACK REBATE	\$13,686.00
		** TOTAL	\$1,670,413.33

**DESERT WATER AGENCY  
OPERATING FUND - LISTING OF INVESTMENTS  
APRIL 30, 2019**

PURCH DATE	NAME	DESCRIPTION	MATURITY DATE	COST	PAR VALUE	MARKET VALUE	YIELD TO MATURITY	CALLABLE STATUS
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**Local Agency Investment Fund**

06-30-83	State of California	LAIF	Open	\$ 16,645,618.14	\$ 16,645,618.14	\$ 16,645,618.14	2.450%	-
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**Certificates of Deposit**

Total Certificates of Deposit	\$	-	\$	-	\$	-
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**Commercial Paper**

Total Commerical Paper	\$	-	\$	-	\$	-
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**Government Agency**

09-20-16	Union Bank	FNMA (Callable 6-20-19)	09-20-19	\$ 1,000,000.00	\$ 1,000,000.00	\$ 995,540.00	1.300%	Quarterly
10-28-16	Union Bank	FHLMC STEP (Callable 7-28-19)	10-28-21	\$ 1,000,000.00	\$ 1,000,000.00	\$ 998,830.00	2.000%	Quarterly
09-29-17	Union Bank	FHLMC (Callable 6-29-19)	09-29-20	\$ 500,000.00	\$ 500,000.00	\$ 495,255.00	1.700%	Quarterly
01-29-18	Union Bank	FHLB (Callable 7-29-19)	01-29-21	\$ 500,000.00	\$ 500,000.00	\$ 497,955.00	2.200%	Quarterly
02-08-18	Union Bank	FFCB	05-08-19	\$ 1,000,000.00	\$ 1,000,000.00	\$ 999,910.00	2.000%	Bullet
03-11-19	Union Bank	FHLB (Callable 6-11-19)	03-11-21	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000,070.00	2.650%	Quarterly
04-22-19	Union Bank	FFCB (Callable 7-22-19)	07-22-20	\$ 500,000.00	\$ 500,000.00	\$ 500,070.00	2.500%	Continuous

Total Government Agency	\$	5,500,000.00	\$	5,500,000.00	\$	5,487,630.00
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Weighted Mean YTM 2.345%

TOTAL INVESTED @ 04/30/19	\$	22,145,618.14	\$	22,145,618.14	\$	22,133,248.14
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BALANCE @ 06/30/18	\$	20,642,759.86
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INCREASE (DECREASE)	\$1,502,858.28
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DESERT WATER AGENCY  
STATEMENT OF CASH RECEIPTS AND EXPENDITURES

GENERAL ACCOUNT

APRIL 2019

INVESTED  
RESERVE FUNDS  
\$134,146,448.45

BALANCE                      APRIL 1, 2019                      \$209,448.24

* TAXES - RIVERSIDE COUNTY	1,705,560.91
* INTEREST EARNED - INV. FUNDS	418,526.96
GROUNDWATER REPLEN. ASSESSMENT	909,571.80
REIMBURSEMENT - OPERATING FUND	0.00
REIMBURSEMENT - CVWD MGMT	0.00
STATE WATER PROJECT REFUNDS	646,918.00
REIMB - CVWD - WHITEWATER HYDRO	0.00
POWER SALES - WHITEWATER	0.00
MISCELLANEOUS	1,214.40

TOTAL RECEIPTS                      \$3,681,792.07

PAYMENTS

CHECKS UNDER \$10,000.00	3,968.50
CHECKS OVER \$10,000.00 - SCH. #1	962,857.85
CANCELLED CHECKS AND FEES	1,010,381.12

TOTAL PAYMENTS                      \$1,977,207.47

NET INCOME                      \$1,704,584.60

INVESTED RESERVE FUNDS

FUNDS MATURED	10,584,000.00
FUNDS INVESTED – SCH. #2	12,488,054.81

NET TRANSFER                      (\$1,904,054.81)                      \$1,904,054.81

BALANCE	APRIL 30, 2019	\$9,978.03	\$136,050,503.26
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\* INCLUSIVE TO DATE

	TAXES	INTEREST
RECEIPTS IN FISCAL YEAR	\$18,984,606.53	\$2,203,687.47
RECEIPTS IN CALENDAR YEAR	\$12,323,871.68	\$1,087,258.34



DESERT WATER AGENCY

GENERAL ACCOUNT

SCHEDULE #1-CHECKS OVER \$10,000

CHECK #	NAME	DESCRIPTION	AMOUNT
9229	SITES PROJECT JOINT POWERS AUTHORITY	WATER RESERVOIR CHARGES - PHASE 2	\$285,677.75
9232	DESERT WATER AGENCY-OPERATING	P/R & EXPENSE REIMBURSEMENT FOR MARCH 2019	\$108,989.10
9233	STATE OF CA. DEPT. OF WATER RESOURCES	STATE WATER PROJECT - APRIL 2019	\$568,191.00

\*\* TOTAL

\$962,857.85

DESERT WATER AGENCY  
GENERAL FUND - LISTING OF INVESTMENTS  
APRIL 30, 2019

PURCHASE DATE	NAME	DESCRIPTION	MATURITY DATE		COST		PAR VALUE		MARKET VALUE	YIELD TO MATURITY	CALLABLE STATUS
Local Agency Investment Fund											
06-30-83	State of California	LAIF	Open	\$	43,471,017.26	\$	43,471,017.26	\$	43,471,017.26	2.450%	-
Certificates of Deposit											
06-14-17	RBC Wealth Mgmt	Capital One N/A CD	06-15-20	\$	250,000.00	\$	250,000.00	\$	248,470.00	1.900%	Bullet
06-14-17	RBC Wealth Mgmt	Capital One Bank USA CD	06-15-20	\$	250,000.00	\$	250,000.00	\$	248,470.00	1.900%	Bullet
06-19-17	RBC Wealth Mgmt	First Priority Bank CD	06-19-20	\$	250,000.00	\$	250,000.00	\$	248,035.00	1.750%	Bullet
Total Certificates of Deposit				\$	750,000.00	\$	750,000.00	\$	744,975.00		
Medium Term Notes											
09-19-18	Stifel	Wells Fargo MTN (Callable 9-19-20)	9-19-21	\$	1,000,000.00	\$	1,000,000.00	\$	987,870.00	3.250%	Quarterly
02-19-19	Alamo Capital	Toyota Motor Corp MTN	7-13-22	\$	1,399,076.00	\$	1,400,000.00	\$	1,407,756.00	2.800%	Bullet
03-04-19	Alamo Capital	Apple Inc. MTN	5-11-20	\$	991,160.00	\$	1,000,000.00	\$	992,490.00	2.560%	Bullet
04-04-19	Alamo Capital	Toyota Motor Corp MTN	4-17-20	\$	994,400.00	\$	1,000,000.00	\$	993,150.00	2.500%	Bullet
Total Commercial Paper				\$	4,384,636.00	\$	4,400,000.00	\$	4,381,266.00		
Government Agency											
10-02-15	Stifel	FHLB (Callable Continuous)	10-02-19	\$	1,000,000.00	\$	1,000,000.00	\$	995,880.00	1.450%	Continuous
11-25-15	Stifel	FNMA (Callable 5-25-19)	11-25-19	\$	1,000,000.00	\$	1,000,000.00	\$	994,810.00	1.500%	Qtrly
03-23-16	Ladenburg Thalmann	FNMA (Callable 6-23-19)	03-23-20	\$	1,000,000.00	\$	1,000,000.00	\$	992,320.00	1.500%	Qtrly
03-30-16	Stifel	FNMA STEP (Callable 6-30-19)	03-30-21	\$	1,000,000.00	\$	1,000,000.00	\$	998,120.00	2.250%	Qtrly
03-30-16	Stifel	FHLMC STEP (Callable 6-30-19)	03-30-21	\$	1,000,000.00	\$	1,000,000.00	\$	995,630.00	1.750%	Qtrly
04-26-16	Ladenburg Thalmann	FHLB (Callable Continuous)	10-26-20	\$	999,500.00	\$	1,000,000.00	\$	987,580.00	1.550%	Continuous
05-23-16	Stifel	FNMA (Callable 5-23-19)	08-23-19	\$	1,000,000.00	\$	1,000,000.00	\$	996,220.00	1.250%	Qtrly
05-26-16	Union Bank	FNMA	11-26-19	\$	1,000,000.00	\$	1,000,000.00	\$	993,680.00	1.300%	1 Time
06-13-16	Ladenburg Thalmann	FNMA	06-13-19	\$	1,000,000.00	\$	1,000,000.00	\$	998,670.00	1.400%	Qtrly
06-16-16	Stifel	FFCB (Callable Continuous)	03-16-20	\$	1,000,000.00	\$	1,000,000.00	\$	991,640.00	1.400%	Continuous
06-21-16	Stifel	FHLMC STEP (Callable 6-21-19)	06-21-21	\$	1,000,000.00	\$	1,000,000.00	\$	996,340.00	1.750%	Qtrly
06-28-16	Ladenburg Thalmann	FNMA	06-28-19	\$	1,000,000.00	\$	1,000,000.00	\$	997,920.00	1.200%	Qtrly
06-30-16	Stifel	FHLMC STEP (Callable 6-30-19)	12-30-19	\$	1,000,000.00	\$	1,000,000.00	\$	999,170.00	2.000%	Qtrly
07-11-16	Ladenburg Thalmann	FHLB (Callable Continuous)	10-11-19	\$	1,000,000.00	\$	1,000,000.00	\$	994,190.00	1.125%	Continuous
07-11-16	Ladenburg Thalmann	FHLB (Callable Continuous)	07-11-19	\$	1,000,000.00	\$	1,000,000.00	\$	997,490.00	1.125%	Continuous
07-13-16	Union Bank	FFCB (Callable Continuous)	01-13-20	\$	1,000,000.00	\$	1,000,000.00	\$	992,230.00	1.240%	Continuous
07-26-16	Ladenburg Thalmann	FNMA (Callable 7-26-19)	07-26-19	\$	999,500.00	\$	1,000,000.00	\$	996,760.00	1.125%	Qtrly
07-27-16	Stifel	FNMA STEP (Callable 7-27-19)	07-27-21	\$	1,000,000.00	\$	1,000,000.00	\$	982,350.00	1.400%	Qtrly
08-10-16	Ladenburg Thalmann	FHLMC (Callable 5-10-19)	08-10-20	\$	1,000,000.00	\$	1,000,000.00	\$	987,220.00	1.450%	Qtrly
08-24-16	Ladenburg Thalmann	FHLMC STEP (Callable 5-24-19)	08-24-21	\$	1,000,000.00	\$	1,000,000.00	\$	998,390.00	2.000%	Qtrly
08-30-16	Stifel	FHLMC STEP (Callable 5-28-19)	08-27-21	\$	1,000,000.00	\$	1,000,000.00	\$	999,110.00	2.000%	Qtrly
08-30-16	Ladenburg Thalmann	FNMA (Callable 5-27-19)	11-27-19	\$	1,000,000.00	\$	1,000,000.00	\$	993,360.00	1.250%	Qtrly
09-20-16	Union Bank	FNMA (Callable 6-20-19)	09-20-19	\$	1,000,000.00	\$	1,000,000.00	\$	995,540.00	1.300%	Qtrly
09-29-16	Ladenburg Thalmann	FHLMC STEP (Callable 6-29-19)	09-29-21	\$	950,000.00	\$	950,000.00	\$	945,126.50	1.500%	Qtrly
09-30-16	Ladenburg Thalmann	FNMA (Callable 6-30-19)	09-30-19	\$	1,000,000.00	\$	1,000,000.00	\$	995,040.00	1.250%	Qtrly
10-06-16	Ladenburg Thalmann	FHLMC (Callable 7-6-19)	07-06-20	\$	1,000,000.00	\$	1,000,000.00	\$	988,210.00	1.375%	Qtrly
10-17-16	Stifel	FNMA	04-17-20	\$	1,000,000.00	\$	1,000,000.00	\$	989,450.00	1.250%	1 Time
10-28-16	Stifel	FHLMC STEP (Callable 7-28-19)	10-28-21	\$	1,500,000.00	\$	1,500,000.00	\$	1,493,790.00	1.500%	Qtrly
10-28-16	Union Bank	FHLMC STEP (Callable 7-28-19)	10-28-21	\$	1,000,000.00	\$	1,000,000.00	\$	998,830.00	2.000%	Qtrly
11-03-16	Ladenburg Thalmann	FFCB (Callable Continuous)	05-03-21	\$	999,250.00	\$	1,000,000.00	\$	983,700.00	1.490%	Continuous
11-15-16	Stifel	FHLMC STEP (Callable 5-15-19)	11-15-19	\$	1,000,000.00	\$	1,000,000.00	\$	996,860.00	1.500%	Qtrly
12-14-16	Ladenburg Thalmann	FHLMC (Callable 6-14-19)	12-14-20	\$	1,000,000.00	\$	1,000,000.00	\$	989,530.00	1.750%	Qtrly
12-29-16	Ladenburg Thalmann	FNMA (Callable 6-29-19)	06-29-20	\$	1,000,000.00	\$	1,000,000.00	\$	992,810.00	1.750%	Qtrly
12-30-16	Ladenburg Thalmann	FHLMC (Callable 6-30-19)	12-30-19	\$	998,000.00	\$	1,000,000.00	\$	993,190.00	1.500%	Qtrly
01-27-17	Ladenburg Thalmann	FNMA (Callable 7-27-19)	01-27-20	\$	1,000,000.00	\$	1,000,000.00	\$	994,570.00	1.650%	Qtrly
01-30-17	Union Bank	FHLB (Callable 7-30-19)	04-30-20	\$	1,000,000.00	\$	1,000,000.00	\$	993,660.00	1.750%	Qtrly
04-20-17	Stifel	FHLMC STEP (Callable 7-20-19)	04-20-20	\$	1,000,000.00	\$	1,000,000.00	\$	997,260.00	2.250%	Qtrly

DESERT WATER AGENCY  
GENERAL FUND - LISTING OF INVESTMENTS  
APRIL 30, 2019

PURCHASE DATE	NAME	DESCRIPTION	MATURITY DATE	COST	PAR VALUE	MARKET VALUE	YIELD TO MATURITY	CALLABLE STATUS
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Government Agency

04-27-17	Ladenburg Thalmann	FHLMC (Callable 7-27-19)	01-27-21	\$ 1,000,000.00	\$ 1,000,000.00	\$ 992,390.00	2.000%	Qtrly
06-08-17	Stifel	FHLMC STEP (Callable 6-8-19)	06-08-20	\$ 1,000,000.00	\$ 1,000,000.00	\$ 999,820.00	2.000%	Qtrly
06-22-17	Ladenburg Thalmann	FHLMC STEP (Callable 6-22-19)	06-22-22	\$ 1,000,000.00	\$ 1,000,000.00	\$ 999,550.00	2.000%	Qtrly
06-27-17	Union Bank	FHLB (Callable 6-27-19)	09-27-19	\$ 1,000,000.00	\$ 1,000,000.00	\$ 996,210.00	1.500%	Qtrly
06-29-17	Ladenburg Thalmann	FHLMC (Callable 6-29-19)	09-29-20	\$ 1,000,000.00	\$ 1,000,000.00	\$ 989,930.00	1.750%	Qtrly
07-11-17	Ladenburg Thalmann	FHLMC (Callable 7-11-19)	01-11-21	\$ 1,000,000.00	\$ 1,000,000.00	\$ 989,550.00	1.800%	Qtrly
07-26-17	Stifel	FHLMC STEP (Callable 7-26-19)	07-26-22	\$ 1,000,000.00	\$ 1,000,000.00	\$ 995,870.00	2.000%	Qtrly
07-27-17	Stifel	FHLMC STEP (Callable 7-27-19)	07-27-22	\$ 1,000,000.00	\$ 1,000,000.00	\$ 999,720.00	2.000%	Qtrly
08-07-17	Ladenburg Thalmann	FFCB (Callable Continuous)	11-23-20	\$ 999,850.00	\$ 1,000,000.00	\$ 991,300.00	1.770%	Continuous
08-09-17	Stifel	FHLB STEP (Callable 5-9-19)	02-09-22	\$ 2,000,000.00	\$ 2,000,000.00	\$ 1,995,100.00	1.850%	Qtrly
08-10-17	Ladenburg Thalmann	FHLB STEP (Callable 5-10-19)	08-10-22	\$ 1,000,000.00	\$ 1,000,000.00	\$ 999,870.00	2.000%	Qtrly
09-08-17	Stifel	FHLB STEP (Callable 6-8-19)	09-08-22	\$ 1,000,000.00	\$ 1,000,000.00	\$ 996,870.00	1.875%	Qtrly
09-28-17	Ladenburg Thalmann	FHLMC STEP (Callable 6-28-19)	09-28-20	\$ 1,000,000.00	\$ 1,000,000.00	\$ 995,240.00	1.750%	Qtrly
09-29-17	Union Bank	FHLMC (Callable 6-29-19)	09-29-20	\$ 1,000,000.00	\$ 1,000,000.00	\$ 990,510.00	1.700%	Qtrly
09-29-17	Stifel	FHLMC STEP (Callable 6-29-19)	09-29-22	\$ 1,000,000.00	\$ 1,000,000.00	\$ 995,980.00	1.750%	Qtrly
10-26-17	Ladenburg Thalmann	FNMA (Callable 7-26-19)	07-26-21	\$ 1,000,000.00	\$ 1,000,000.00	\$ 993,700.00	2.000%	Qtrly
11-06-17	Ladenburg Thalmann	FFCB (Callable Continuous)	06-06-19	\$ 1,000,000.00	\$ 1,000,000.00	\$ 999,180.00	1.600%	Continuous
11-20-16	Ladenburg Thalmann	FHLMC (Callable 5-20-19)	11-20-20	\$ 1,000,000.00	\$ 1,000,000.00	\$ 993,920.00	2.000%	Qtrly
12-11-17	Ladenburg Thalmann	FHLB (Callable 6-11-19)	12-11-20	\$ 999,750.00	\$ 1,000,000.00	\$ 992,120.00	2.000%	Qtrly
12-14-17	Stifel	FFCB (Callable Continuous)	12-14-20	\$ 1,000,000.00	\$ 1,000,000.00	\$ 995,590.00	2.060%	Continuous
01-16-18	Ladenburg Thalmann	FHLMC (Callable 7-16-19)	10-16-20	\$ 1,000,000.00	\$ 1,000,000.00	\$ 994,540.00	2.070%	Qtrly
01-26-18	Stifel	FHLMC (Callable 7-26-19)	01-26-21	\$ 1,000,000.00	\$ 1,000,000.00	\$ 998,090.00	2.220%	Qtrly
01-29-18	Union Bank	FHLB (Callable 7-29-19)	01-29-21	\$ 1,000,000.00	\$ 1,000,000.00	\$ 995,910.00	2.200%	Qtrly
01-30-18	Union Bank	FHLB (Callable 7-30-19)	07-30-20	\$ 1,000,000.00	\$ 1,000,000.00	\$ 996,000.00	2.100%	Qtrly
01-30-18	Ladenburg Thalmann	FHLB (Callable 7-26-19)	01-26-21	\$ 999,650.00	\$ 1,000,000.00	\$ 997,950.00	2.250%	Qtrly
02-01-18	Stifel	FFCB (Callable Continuous)	02-01-21	\$ 1,000,000.00	\$ 1,000,000.00	\$ 997,630.00	2.350%	Continuous
02-08-18	Union Bank	FFCB	05-08-19	\$ 1,000,000.00	\$ 1,000,000.00	\$ 999,910.00	2.000%	Qtrly
02-12-18	Stifel	FHLB (Callable 5-12-19)	02-12-21	\$ 1,000,000.00	\$ 1,000,000.00	\$ 999,560.00	2.300%	Qtrly
06-28-18	Stifel	FHLMC (Callable 6-28-19)	06-28-22	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000,630.00	3.100%	Qtrly
10-25-18	Stifel	FHLMC (Callable 10-25-19)	10-25-21	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,001,710.00	3.100%	Qtrly
10-29-18	Ladenburg Thalmann	FHLB (Callable 10-29-19)	10-29-20	\$ 999,600.00	\$ 1,000,000.00	\$ 1,002,290.00	2.940%	Continuous
11-20-18	Stifel	FHLMC (Callable 11-20-19)	11-20-20	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,002,780.00	3.000%	1 Time
11-23-18	Ladenburg Thalmann	FHLB (Callable 5-23-19)	11-23-21	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000,270.00	3.250%	Qtrly
02-13-19	Union Bank	FFCB (Callable 5-13-19)	05-13-22	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000,040.00	2.800%	Continuous
02-26-19	Ladenburg Thalmann	FHLMC (Callable 5-24-19)	08-24-21	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000,110.00	2.700%	Qtrly
02-26-19	Stifel	FHLMC (Callable 2-26-20)	08-26-22	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,001,460.00	2.750%	Qtrly
03-11-19	Union Bank	FHLB (Callable 6-11-19)	03-11-21	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000,070.00	2.650%	Qtrly
03-13-19	Union Bank	FHLB (Callable 6-13-19)	09-13-21	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000,270.00	2.750%	Qtrly
03-18-19	Alamo Capital	FHLB (Callable 6-18-19)	06-18-21	\$ 999,750.00	\$ 1,000,000.00	\$ 1,000,280.00	2.620%	Continuous
03-18-19	Union Bank	FHLB (Callable 9-18-19)	12-18-20	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000,540.00	2.650%	Qtrly
03-25-19	Ladenburg Thalmann	FHLB (Callable 9-25-19)	03-25-22	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000,090.00	2.750%	Qtrly
04-11-19	Stifel	FHLMC (Callable 10-11-19)	10-11-22	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000,250.00	2.700%	Qtrly
04-12-19	Union Bank	FHLMC (Callable 7-12-19)	04-12-22	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000,080.00	2.750%	Qtrly
04-17-19	Alamo Capital	FHLMC (Callable 10-17-19)	10-17-22	\$ 1,000,000.00	\$ 1,000,000.00	\$ 996,490.00	2.600%	Qtrly
04-18-19	Ladenburg Thalmann	FHLMC (Callable 10-18-19)	04-18-22	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000,070.00	2.650%	Qtrly
04-22-19	Union Bank	FFCB (Callable 7-22-19)	07-22-20	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000,140.00	2.500%	Qtrly
04-26-19	Alamo Capital	FHLMC (Callable 7-26-19)	10-26-22	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000,040.00	2.700%	Qtrly
04-29-19	Ladenburg Thalmann	FNMA (Callable 10-29-19)	04-29-22	\$ 1,000,000.00	\$ 1,000,000.00	\$ 999,800.00	2.650%	Qtrly
04-30-19	Stifel	FHLMC STEP (Callable 10-30-19)	04-30-24	\$ 1,000,000.00	\$ 1,000,000.00	\$ 999,740.00	2.650%	Qtrly

Total Government Agency \$ 87,444,850.00 \$ 87,450,000.00 \$ 87,115,806.50

Weighted Mean YTM 2.151%

TOTAL INVESTED @ 04/30/19 \$ 136,050,503.26 \$ 136,071,017.26 \$ 135,713,064.76

BALANCE @ 06/30/18 \$ 127,541,861.53

INCREASE OR (DECREASE) \$ 8,109,441.73

DESERT WATER AGENCY  
STATEMENT OF CASH RECEIPTS AND EXPENDITURES

WASTEWATER ACCOUNT

APRIL 2019

INVESTED  
RESERVE FUNDS  
\$1,524,963.25

BALANCE                      APRIL 1, 2019                      (\$10,467.83)

ACCOUNTS RECEIVABLE - OTHER	\$0.00
CUSTOMER DEPOSITS - CONSTRUCTION	0.00
INTEREST EARNED - INVESTED FUNDS	9,804.80
WASTEWATER REVENUE	91,612.21
SEWER CAPACITY CHARGES	55,072.99
MISCELLANEOUS	0.00

TOTAL RECEIPTS                      \$156,490.00

PAYMENTS

CHECKS UNDER \$10,000.00	\$1,214.40
CHECKS OVER \$10,000.00 - SCH. #1	91,498.74
CANCELLED CHECKS AND FEES	0.00

TOTAL PAYMENTS                      \$92,713.14

NET INCOME                      \$63,776.86

INVESTED RESERVE FUNDS

FUNDS MATURED	\$10,900.00
FUNDS INVESTED - SCH. #2	60,799.38

NET TRANSFER                      (\$49,899.38)                      \$49,899.38

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BALANCE      APRIL 30, 2019                      \$3,409.65                      \$1,574,862.63



DESERT WATER AGENCY

**WASTEWATER ACCOUNT**

SCHEDULE #1 - CHECKS OVER \$10,000

CHECK #	NAME	DESCRIPTION	AMOUNT
3285	DESERT WATER AGENCY	OPERATING FUND REIMBURSEMENT FOR MARCH 2019	\$22,253.93
3286	CITY OF PALM SPRINGS	WASTEWATER REVENUE BILLING FOR MARCH 2019	\$10,038.99
3287	COACHELLA VALLEY WATER DISTRICT	WASTEWATER REVENUE BILLING FOR MARCH 2019	\$59,205.82
** TOTAL			\$91,498.74



**DESERT WATER AGENCY**  
**WASTEWATER FUND - LISTING OF INVESTMENTS**  
**APRIL 30, 2019**

PURCH DATE	NAME	DESCRIPTION	MATURITY DATE	COST	PAR VALUE	MARKET VALUE	YIELD TO MATURITY
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Local Agency Investment Fund
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06-30-83	State of California	LAIF	Open	\$ 1,574,862.63	\$ 1,574,862.63	\$ 1,574,862.63	2.450%
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TOTAL INVESTED @ 04/30/19	\$ 1,574,862.63	\$ 1,574,862.63	\$ 1,574,862.63
BALANCE @ 06/30/18	\$ 1,354,594.08		
INCREASE OR (DECREASE)	\$ 220,268.55		

DESERT WATER AGENCY - OPERATING FUND  
COMPARATIVE EARNINGS STATEMENT

MONTH 18-19 APRIL	FISCAL YEAR TO DATE-----/					VARIANCE---/	
	THIS YEAR	LAST YEAR	BUDGET	THIS YEAR	LAST YEAR	BUDGET	YTD
OPERATING REVENUES							
WATER SALES	2,182,827.98	2,084,836.68	2,631,250.00	25,372,990.36	23,708,299.69	27,703,025.00	2,330,034.64-
RECLAMATION SALES	87,549.51	107,047.59	112,000.00	1,163,366.96	1,203,186.21	1,210,300.00	46,933.04-
POWER SALES	.00	1,415.80	3,600.00	8,358.76	24,537.73	28,000.00	19,641.24-
OTHER OPER REVENUE	189,555.25	132,159.99	165,575.00	1,892,467.40	1,890,744.22	1,655,750.00	236,717.40
TOTAL OPER REVENUES	2,459,932.74	2,325,460.06	2,912,425.00	28,437,183.48	26,826,767.85	30,597,075.00	2,159,891.52-
OPERATING EXPENSES							
SOURCE OF SUPPLY EXP	45,315.15	14,063.43	39,175.00	3,559,637.58	3,116,556.45	3,585,925.00	26,287.42-
PUMPING EXPENSE	5,682.44-	210,330.17	224,400.00	2,212,269.06	2,364,688.50	2,605,900.00	393,630.94-
REGULATORY WATER TREAT	36,215.66	40,776.72	45,225.00	416,242.02	442,095.02	452,250.00	36,007.98-
TRANS & DIST EXPENSE	399,128.53	533,567.06	436,875.00	3,081,616.90	3,268,146.42	4,368,750.00	1,287,133.10-
CUSTOMER ACT EXPENSE	76,881.31	64,976.30	79,400.00	766,331.27	758,628.75	795,800.00	29,468.73-
ADMIN & GEN EXPENSE	545,730.31	427,900.07	649,163.00	8,187,630.02	7,011,619.68	8,774,080.00	586,449.98-
REGULATORY EXPENSE	31,963.22	7,258.63	30,125.00	223,448.69	190,103.32	301,250.00	77,801.31-
SNOW CREEK HYDRO EXP	306.67	2,764.99	3,100.00	11,464.59	20,274.21	31,000.00	19,535.41-
RECLAMATION PLNT EXP	66,726.55	135,108.66	119,858.00	884,223.22	1,029,808.77	1,198,130.00	313,906.78-
SUB-TOTAL	1,196,584.96	1,436,746.03	1,627,321.00	19,342,863.35	18,201,921.12	22,113,085.00	2,770,221.65-
OTHER OPER EXPENSES							
DEPRECIATION	469,065.34	489,819.14	483,692.00	4,910,883.95	4,704,508.71	4,836,920.00	73,963.95
SERVICES RENDERED	23,686.38	10,230.33	15,750.00	140,091.36	178,391.61	157,500.00	17,408.64-
DIR & INDIR CST FOR WO	138,400.16-	131,051.95-	65,750.00-	1,735,619.88-	1,557,031.61-	657,500.00-	1,078,119.88-
TOTAL OPER EXPENSES	1,550,936.52	1,805,743.55	2,061,013.00	22,658,218.78	21,527,789.83	26,450,005.00	3,791,786.22-
NET INCOME FROM OPERATIONS	908,996.22	519,716.51	851,412.00	5,778,964.70	5,298,978.02	4,147,070.00	1,631,894.70
NON-OPERATING INCOME (NET)							
RENTS	3,454.77	1,818.44	3,450.00	66,007.68	64,228.57	66,000.00	7.68
INTEREST REVENUES	48,310.37	29,962.50	27,500.00	401,416.36	207,936.65	275,000.00	126,416.36
OTHER REVENUES	140.00	420.00	.00	32,630.00	496,449.16	.00	32,630.00
GAINS ON RETIREMENT	.00	.00	1,200.00	37,900.00	22,595.00	9,600.00	28,300.00
DISCOUNTS	134.39	16.84	25.00	689.61	186.60	250.00	439.61
PR. YEAR EXPENSES	2,436.00	.00	.00	83,559.34	277,122.13	.00	83,559.34
LOSS ON RETIREMENTS	.00	.00	3,250.00-	51,643.77-	25,894.23-	32,500.00-	19,143.77-
TOTAL NON-OPER INCOME	54,475.53	32,217.78	28,925.00	570,559.22	1,042,623.88	318,350.00	252,209.22
TOTAL NET INCOME	963,471.75	551,934.29	880,337.00	6,349,523.92	6,341,601.90	4,465,420.00	1,884,103.92
							42

**STAFF REPORT  
TO  
DESERT WATER AGENCY  
BOARD OF DIRECTORS**

**MAY 21, 2019**

**RE: REQUEST ADOPTION OF COACHELLA VALLEY INTEGRATED  
REGIONAL WATER MANAGEMENT/STORMWATER RESOURCE  
PLAN UPDATE**

The Coachella Valley Regional Water Management Group (CVRWMG) is made up of Desert Water Agency (DWA), Coachella Valley Water District (CVWD), Coachella Water Authority (CWA), Indio Water Authority (IWA), Mission Springs Water District (MSWD), and Valley Sanitary District (VSD) to coordinate long-term supply planning and obtain regional grant funding.

In December of 2018, CVRWMG submitted the 2018 plan update for the Integrated Regional Water Management Plan (IRWMP) to the Department of Water Resources (DWR). In April, DWR gave final determination that the plan meets requirements. Since that time, member agencies have submitted the plan update to their respective Boards for adoption.

The update was facilitated by consultant Woodard & Curran (formerly RMC) and allows CVRWMG to continue to be eligible to receive Proposition 1 grant funding, which we are currently soliciting (CVRWMG & DWA). CVRWMG already secured a \$211,982 Proposition 1 planning grant for the purposes of completing this update. The plan update cost \$289,684. After grant funding, the remainder of the cost to update the plan came from the CVRWMG member agencies for about \$13,000 per agency.

A total of \$510 million is available in Proposition 1 for IRWM planning throughout California, with \$16.4 million available for the Colorado River Funding Area, which includes CVRWMG, Mojave RWMG, Imperial RWMG and San Geronio RWMG. We will compete with some or all of those RWMGs in securing grant funding for projects within our region. There is \$7.8 million available for Round 1 IRWM within Proposition 1 and CVRWMG is in the process of finalizing a project package for a grant application. DWA has requested grant funds for turf replacement and demonstration gardens.

The plan update also included adding a Stormwater Resource Plan component so that local agencies and cities can apply for stormwater grant funding.

The update also included a stakeholder engagement process with multiple community meetings with attendees from local Tribes, NGOs, cities and beyond.

**Key updates include:**

- Incorporating new plan standards for compliance with 2016 IRWM Guidelines, including more climate change adaptation components
- Adding Stormwater Resources component and compliance with 2015 SWRP Guidelines
- Update plan to reflect addition of Valley Sanitary District to CVRWMG

Pursuant to Section 10543 of the Water Code the plan may be adopted at a public meeting only after publication of a Notice of Intent to adopt the plan, published pursuant to Government Code Section 6066. The Notice of Intent setting the proposed adoption date for today was published in The Public Record on May 7 and May 14.

Staff recommends the Board adopt the 2018 update of the Integrated Regional Water Management/Stormwater Resource Management Plan.

**Below is the link for the  
2018 CV Integrated Regional  
Water Management Plan**

[2018 Coachella Valley Integrated Regional Water Management & Stormwater Resource Plan](#)

**STAFF REPORT  
TO  
DESERT WATER AGENCY  
BOARD OF DIRECTORS**

**MAY 21, 2019**

**RE: PUBLIC MEETING ON GROUNDWATER REPLENISHMENT**

- (1) 2019/2020 MISSION CREEK GROUNDWATER  
REPLENISHMENT ASSESSMENT**
- (2) 2019/2020 WEST WHITEWATER RIVER GROUNDWATER  
REPLENISHMENT ASSESSMENT**
- (3) 2019/2020 GARNET HILL GROUNDWATER  
REPLENISHMENT ASSESSMENT**

At its April 16, 2019 meeting, the Board discussed the draft Engineer's Report on Groundwater Replenishment Assessments for the Mission Creek, West Whitewater River and Garnet Hill Sub-basins. No substantive changes have been made to the draft. Today's meeting is intended to allow interested parties to come to the Board and provide their comments on the proposed assessments contained in the final Engineer's Reports. As indicated in the draft and final Replenishment Reports, the proposed Mission Creek, West Whitewater River and Garnet Hill Groundwater Replenishment Assessments will be set at \$155 per acre-foot.

Public hearing notices were published in The Public Record on May 7, 2019. Notices were also mailed out to all producers (over 10-acre feet production) who will be affected by the recommended assessment.

Staff requests a determination be made that funds should be raised by a replenishment assessment, and the Board set the time and place for public hearing on the matter for June 4, 2019, to consider resolutions of findings of fact and levying replenishment assessments for the fiscal year 2019/2020.



**STAFF REPORT  
TO  
DESERT WATER AGENCY  
BOARD OF DIRECTORS**

**MAY 21, 2019**

**RE: REQUEST TO INCLUDE SITES RELATED CHARGES IN THE  
STATE WATER PROJECT STATEMENT OF CHARGES**

On February 5, 2019, the Desert Water Agency (Agency) Board authorized entering into the Sites Project Authority, 2019 Reservoir Project Agreement. This committed the Agency to an additional expenditure of \$390,000 for a grand total of \$705,250. Staff reported that the Agency and other State Water Contractor Members are investigating the possibilities of putting the costs of this project on their State Water Project Statement of Charges (SOC's).

On April 19, 2019, the Agency sent a request to the Department of Water Resources (Department) indicating our preference to have our 2020 and half of our 2021 Sites Reservoir charges included in our State Water Project estimated SOC's being prepared this May. Since the 2019 SOC's were sent out in July 2018, we will be paying our Sites Reservoir charges for 2019 directly to the Site Project Authority (Authority).

It is anticipated that the Agency will follow up with a letter (attached) to the Department by June 3<sup>rd</sup> formally requesting our Sites Reservoir charges be included in our 2020 SOC's (to be sent out by the Department by July 1, 2019). This letter is intended to authorize the Department to include the Agency's allocation of costs, beginning in calendar year 2020, for the District's participation in the Sites Project – Phase 2.

Before the end of September 2019, it is also anticipated that the Agency will execute an agreement with the Department allowing it to bill us for our Sites Reservoir charges and send payment for our charges to the Authority. The draft agreement is currently being prepared.

There will also be an agreement between the Department and the Authority to allow for the billing and payments described above.

It should be noted that the Agency has not yet entered into an agreement with the Sites Project Authority for the years 2020, 2021 and beyond. However, as explained in the letter accompanying this report, the funds for these years must be collected in advance of an agreement to assure they are collected on the SOC's and to avoid a cash flow issue for the Department. The authority granted under this letter is contingent upon the Agency remaining a participant in the Sites Reservoir Project after 2019 and beyond. The Agency

has the option to exit participation in the project consistent with its agreement, as may be amended with the Authority. If the Agency opts out of its agreement with the Authority, as authorized and consistent with said agreement, some future payments will no longer be due and payable consistent with said agreement.

Two payment options are available to pay the 2020 and 2021 Sites Reservoir estimated charges. One option is to pay cash for the charges. The other option is to finance payment of the charges through the Sites Project Authority, paying only the interest on the debt using a line of credit (see attached estimated payments).

On April 19<sup>th</sup> the Agency also indicated a preference to pay cash for its charges (PAYGO/Pay-As-You-Go). The PAYGO option will require cash payment of \$8,248,500 in 2020 (\$687,375/month). The Line of Credit (Interest Only) option would require a cash payment of \$295,500 in 2020 (\$24,625/month).

Staff requests approval of the attached letter to the Department formally requesting our Sites Reservoir charges be included in our official 2020 State Water Project Statement of Charges in accordance with the PAYGO option.

May 21, 2019

Mr. Pedro Villalobos  
Chief, State Water Project Analysis Office  
Department of Water Resources  
P.O. Box 942836 Sacramento, CA 94236-0001

From: Desert Water Agency

RE: Authorization for the Department of Water Resources to include Sites Phase 2 charges in the Statements of Charges beginning in 2020.

Dear Mr. Villalobos:

This letter hereby authorizes the Department of Water Resources (DWR) to include (Desert Water Agency) (Agency) allocation of costs, beginning in calendar year 2020, for the District's participation in the Sites Project – Phase 2 as outlined in the attached payment schedule prepared by the Sites Project Authority (Authority). Phase 2 of the Sites Project started on April 1, 2019 and is currently scheduled to be completed on June 30, 2022, but this end date could be amended within the Agency's agreement with the Authority. The Agency will pay the District's share of 2019 Sites Project charges directly to the Authority because it was not possible to include them in the Statements of Charges in time.

Costs should be displayed as a separate line item on the Transportation Minimum Cost Component (Attachment 4B) and collected revenues will be used to pay for invoices directly from the Authority for Phase2 - planning costs.

The Authority will bill DWR Quarterly, January, April, July, and September of each year for cost expected that year. DWR will bill the Agency monthly, consistent with the Transportation Minimum Cost Component. This will cause a cash flow issue for DWR. Therefore, the Agency understands that in order to properly collect and pay cost outlined and eventually billed by the Authority for 2020, 2021, and 2022, and possibly longer if the Agency's agreement is amended to provide for more future years, each year's billing will

include the first half of the succeeding year's charges. For example: year 2020 will include the collection of Sites Project charges for the first 6 months of 2021 charges. This is necessary so DWR can collect the required funds necessary to make the payment to the Authority in January of that year. This will be done in each year under the agreement.

This authorization is contingent upon the Agency remaining a participant in the Sites Project after 2019 and beyond. The Agency has the option to exit participation in the Sites Project consistent with its agreement, as may be amended, with the Authority. If the Agency opts out of its agreement with the Authority, as authorized and consistent with said agreement, some future payments will no longer be due and payable consistent with said agreement. In this case, DWR understands that the Agency will no longer be required to make future payments to DWR under this specific line item as provided within the Agency's agreement with the Authority. The Authority will then no longer bill DWR on the Agency's behalf because the Agency would no longer be a Sites Project Participant. If the Agency opts out of participation in the Sites Project, the Agency will notify DWR at the same time the Agency notifies the Authority of its intention to opt out. In this case, the Agency will work with DWR and the Authority to coordinate final payment(s) to the Authority consistent with the Agency's agreement with the Authority.

DWR will enter into an agreement with each Sites Project Participant before such payments can be accepted. DWR will enter into an agreement with the Sites Project Authority before DWR can send these payments to the Authority.

Please do not hesitate to contact me at (760) 323-4971 if you have any questions.

Sincerely,

Mark S. Krause  
General Manager-Chief Engineer

cc:

Jim Watson, General Manager  
Sites Project Authority  
Maxwell, Ca

# PAYGO

R. Cooke 4/16/2019

Calculate Annual Totals Using Montague DeRose Raw Data

Entity	AF Participation	Percentage Participation in Sites	Annual Total 2020	Annual Total 2021	Annual Total 2022	Phase 2 Total
	(AF)	(%)	(\$000's)	(\$000's)	(\$000's)	(\$000's)
<b>SWP Participants</b>						
Metropolitan Water District of SC	50,000	25.9%	23,197.67	34,740.75	28,390.75	86,329
San Bernardino Municipal WD	21,400	11.1%	9,929	14,869.04	12,151.24	36,949
Coachella Valley WD	10,000	5.2%	4,640	6,948.15	5,678.15	17,266
Santa Clara Valley WD	16,000	8.3%	7,423	11,117.04	9,085.04	27,625
Wheeler Ridge - Maricopa WSD	3,050	1.6%	1,415	2,119.19	1,731.84	5,266
Zone 7 WA	10,000	5.2%	4,640	6,948.15	5,678.15	17,266
San Geronio Pass WA	14,000	7.3%	6,495	9,727.41	7,949.41	24,172
Desert WA	6,500	3.4%	3,016	4,516.30	3,690.80	11,223
Santa Clarita Valley WA	5,000	2.6%	2,320	3,474.08	2,839.08	8,633
City of American Canyon	4,000	2.1%	1,856	2,779.26	2,271.26	6,906
Antelope Valley-East Kern WA	500	0.3%	232	347.41	283.91	863
Sub-total	140,450	72.81%	65,162	97,587	79,750	242,499
Check			65,162	97,587	79,750	242,499 OK

## SOC Annual Billing Totals (PAYGO)

Example: SOC Total Billing for Year 2020 = Annual Total for Year 2020 + 0.5 \* Annual Total for Year 2021

Entity	AF Participation	Percentage Participation in Sites	SOC Billing 2020	SOC Billing 2021	Totals
	(AF)	(%)	(\$000s)	(\$000s)	(\$000s)
<b>SWP Participants</b>					
Metropolitan Water District of SC	50,000	25.9%	40,568	45,761	86,329
San Bernardino Municipal WD	21,400	11.1%	17,363	19,586	36,949
Coachella Valley WD	10,000	5.2%	8,114	9,152	17,266
Santa Clara Valley WD	16,000	8.3%	12,982	14,644	27,625
Wheeler Ridge - Maricopa WSD	3,050	1.6%	2,475	2,791	5,266
Zone 7 WA	10,000	5.2%	8,114	9,152	17,266
San Geronio Pass WA	14,000	7.3%	11,359	12,813	24,172
Desert WA	6,500	3.4%	5,274	5,949	11,223
Santa Clarita Valley WA	5,000	2.6%	4,057	4,576	8,633
City of American Canyon	4,000	2.1%	3,245	3,661	6,906
Antelope Valley-East Kern WA	500	0.3%	406	458	863
Sub-total	140,450	72.81%	113,956	128,543	242,499
Check					242,499 OK

## SOC Monthly Billing (PAYGO)

Example: SOC Trans-Min Monthly Billing for Year 2020 = Annual Total for Year 2020 / 12

Entity	AF Participation	Percentage Participation in Sites	SOC Billing Trans-Min Monthly 2020	SOC Billing Trans-Min Monthly 2021	Totals
	(AF)	(%)	(\$000s)	(\$000s)	(\$000s)
<b>SWP Participants</b>					
Metropolitan Water District of SC	50,000	25.9%	3,381	3,813	7,194
San Bernardino Municipal WD	21,400	11.1%	1,447	1,632	3,079
Coachella Valley WD	10,000	5.2%	676	763	1,439
Santa Clara Valley WD	16,000	8.3%	1,082	1,220	2,302
Wheeler Ridge - Maricopa WSD	3,050	1.6%	206	233	439
Zone 7 WA	10,000	5.2%	676	763	1,439
San Geronio Pass WA	14,000	7.3%	947	1,068	2,014
Desert WA	6,500	3.4%	439	496	935
Santa Clarita Valley WA	5,000	2.6%	338	381	719
City of American Canyon	4,000	2.1%	270	305	576
Antelope Valley-East Kern WA	500	0.3%	34	38	72
Sub-total	140,450	72.81%	9,496	10,712	20,208

Check (9,496+10,712) \* 12 = 242,499

OK



## LINE OF CREDIT (INTEREST ONLY)

R. Cooke 4/16/2019

**Calculate Annual Totals Using Montague DeRose Raw Data**

Entity	AF Participation	Percentage Participation in Sites	Annual Total 2020	Annual Total 2021	Annual Total 2022	Phase 2 Total
	(AF)	(%)	(\$000s)	(\$000s)	(\$000s)	(\$000's)
<b>SWP Participants</b>						
Metropolitan Water District of SC	50,000	25.9%	517.34	1,567.57	1,165.85	3,251
San Bernardino Municipal WD	21,400	11.1%	221.42	670.92	498.98	1,391
Coachella Valley WD	10,000	5.2%	103.47	313.51	233.17	650
Santa Clara Valley WD	16,000	8.3%	165.55	501.62	373.07	1,040
Wheeler Ridge - Maricopa WSD	3,050	1.6%	31.56	95.62	71.12	198
Zone 7 WA	10,000	5.2%	103.47	313.51	233.17	650
San Geronio Pass WA	14,000	7.3%	144.86	438.92	326.44	910
Desert WA	6,500	3.4%	67.25	203.78	151.56	423
Santa Clarita Valley WA	5,000	2.6%	51.73	156.76	116.58	325
City of American Canyon	4,000	2.1%	41.39	125.41	93.27	260
Antelope Valley-East Kern WA	500	0.3%	5.17	15.68	11.66	33
Sub-total	140,450	72.81%	1,453	4,403	3,275	9,131
			Check	1,453	4,403	3,275 9,131 OK

### SOC Annual Billing Totals (INTEREST ONLY)

Example: SOC Total Billing for Year 2020 = Annual Total for Year 2020 + 0.5 \* Annual Total for Year 2021

Entity	AF Participation	Percentage Participation in Sites	SOC Billing 2020	SOC Billing 2021	Totals
	(AF)	(%)	(\$000s)	(\$000s)	(\$000s)
<b>SWP Participants</b>					
Metropolitan Water District of SC	50,000	25.9%	1,301	1,950	3,251
San Bernardino Municipal WD	21,400	11.1%	557	834	1,391
Coachella Valley WD	10,000	5.2%	260	390	650
Santa Clara Valley WD	16,000	8.3%	416	624	1,040
Wheeler Ridge - Maricopa WSD	3,050	1.6%	79	119	198
Zone 7 WA	10,000	5.2%	260	390	650
San Geronio Pass WA	14,000	7.3%	364	546	910
Desert WA	6,500	3.4%	169	253	423
Santa Clarita Valley WA	5,000	2.6%	130	195	325
City of American Canyon	4,000	2.1%	104	156	260
Antelope Valley-East Kern WA	500	0.3%	13	19	33
Sub-total	140,450	72.81%	3,655	5,477	9,131
				Check	9,131 OK

### SOC Monthly Billing (INTEREST ONLY)

Example: SOC Trans-Min Monthly Billing for Year 2020 = Annual Total for Year 2020 / 12

Contractor Requesting SWP SOC Billing For Sites	Entity	AF Participation	Percentage Participation in Sites	SOC Billing Trans-Min Monthly 2020	SOC Billing Trans-Min Monthly 2021	Totals
		(AF)	(%)	(\$000s)	(\$000s)	(\$000s)
<b>SWP Participants</b>						
	Metropolitan Water District of SC	50,000	25.9%	108	162	271
	San Bernardino Municipal WD	21,400	11.1%	46	70	116
	Coachella Valley WD	10,000	5.2%	22	32	54
	Santa Clara Valley WD	16,000	8.3%	35	52	87
	Wheeler Ridge - Maricopa WSD	3,050	1.6%	7	10	17
	Zone 7 WA	10,000	5.2%	22	32	54
	San Geronio Pass WA	14,000	7.3%	30	45	76
	Desert WA	6,500	3.4%	14	21	35
	Santa Clarita Valley WA	5,000	2.6%	11	16	27
	City of American Canyon	4,000	2.1%	9	13	22
	Antelope Valley-East Kern WA	500	0.3%	1	2	3
	Sub-total	140,450	72.81%	305	456	761

Check (305+456) \* 12 = 9,131

OK



**STAFF REPORT  
TO  
DESERT WATER AGENCY  
BOARD OF DIRECTORS**

**MAY 21, 2019**

**RE: REQUEST BOARD AUTHORIZATION FOR GENERAL MANAGER  
TO EXECUTE A MOU WITH U.S. DEPARTMENT OF INTERIOR,  
BUREAU OF LAND MANAGEMENT, TO PREPARE ENVIRONMENTAL  
IMPACT STATEMENT FOR WHITEWATER REPLENISHMENT FACILITY  
PROJECT**

General Manager, Mark Krause, is seeking board authorization for the Desert Water Agency (DWA) to enter into a Memorandum of Understanding (MOU) with the Bureau of Land Management (BLM), known henceforth as the Partners. This MOU will lay the foundation for the Partners to work together to reauthorize the existing Whitewater River Groundwater Replenishment Facility (WRGRF) on public federal lands. The intent of the MOU is to establish the responsibilities for each of the Partners and provide a framework for the Partners to work together.

The WRGFG was constructed in 1973 and is located in the Northwest of Palm Springs. The Coachella Valley Water District (CVWD) and DWA share the operation and maintenance of the WRGFG as well as the groundwater replenishment rights. Groundwater recharge is a critical tool for modern water management. The WRGFG allows CVWD and DWA to effectively manage and recharge the groundwater in the Indio Groundwater Subbasin. The recharge water percolated into the WRGFG plays a critical role in allowing CVWD and DWA to comply with the Sustainable Groundwater Management Act (SGMA).

On May 2, 2017, the Board authorized the General Manager to enter into an MOU with the BLM and CVWD. At that time, one joint Environmental Impact Statement (EIS) and Environmental Impact Report (EIR) document was being created which would satisfy both the National Environmental Policy Act (NEPA) and the California Environmental Quality Act (CEQA). However, the BLM recently made the decision to separate the EIS and EIR into two distinct documents due to a potential conflict of interest with CVWD serving as both a Cooperating Agency under NEPA and as the applicant for the project. As a result, CVWD will no longer serve as a Cooperating Agency under NEPA. DWA is not listed as an applicant and, therefore, requested permission by the BLM to continue in its role as a Cooperating Agency under NEPA. The BLM granted said request. However, the BLM requires that DWA enter into a new MOU for preparation of the EIS document only.

Granting the General Manager the authority to enter into this MOU will allow the Partners to move forward for the reauthorization of the WRGRF on public federal lands. The BLM will be the NEPA Lead Agency developing the EIS Document. Under this MOU agreement, DWA would act as a Cooperating Agency under NEPA. As a Cooperating Agency, DWA will have the opportunity to review the administrative draft of said Environmental Document and provide comments and/or concerns prior to the adoption of a final Environmental Document. CVWD and DWA will act as Co-lead Agencies for the CEQA and will develop a separate EIR document.

Agency staff and counsel have reviewed the draft MOU, have made minor corrections, and have submitted the revised MOU to the BLM for approval. Staff has provided the Board the draft copy for review (see attached).

Barring any significant material changes to the MOU document, Staff recommends that the Board authorize the General Manager to enter into an MOU with the BLM for the purpose of the reauthorization of the WRGRF on public federal lands.

**MEMORANDUM OF UNDERSTANDING BETWEEN  
DESERT WATER AGENCY  
  
AND  
  
THE U.S. DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
  
FOR THE PURPOSE OF  
  
PREPARING AN ENVIRONMENTAL IMPACT STATEMENT FOR  
THE WHITEWATER REPLENISHMENT FACILITY PROJECT**

**I. BACKGROUND AND PURPOSE**

The Bureau of Land Management (BLM) received a right-of-way grant application from Coachella Valley Water District (CVWD) on March 20, 2015 for portions of the existing Whitewater Replenishment Facility that are located on public lands, and for additional Colorado River water recharge and land for access, operation, and maintenance of the facility. The project was assigned case file number CACA-56753.

The BLM will consider granting, granting with conditions, or denying a right-of-way under the authority of Subchapter V of the Federal Land Policy and Management Act of 1976 (43 U.S.C. §1761), and BLM implementing regulations found at 43 C.F.R. Part 2800.

The BLM has determined that an Environmental Impact Statement (EIS) is required for this project. In accordance with 40 C.F.R. § 1508.5, a state or local agency may be a cooperating agency in the preparation of an EIS by agreement with a lead agency. The Desert Water Agency (DWA) requested cooperating agency status in a letter dated May 8, 2017. The BLM accepted the DWA's request on [REDACTED].

This Memorandum of Understanding (MOU) establishes a cooperating agency relationship between the BLM's Palm Springs Field Office (BLM) and the DWA (also referred to herein as "Cooperator") for the purpose of preparing the Whitewater River Groundwater Replenishment Facility Environmental Impact Statement (EIS). The BLM acknowledges that the Cooperator may have special expertise applicable to the EIS effort as defined at 40 CFR 1508.26. This MOU describes responsibilities and procedures agreed to by the DWA and the BLM ("the Parties").

The cooperating agency relationship established through this MOU shall be governed by all applicable statutes, regulations, and policies, including the Council on Environmental Quality's National Environmental Policy Act (NEPA) regulations (in particular, 40 CFR 1501.6 and 1508.5), and the Department of Interior Manual (516 DM 2.5).

The purposes of this MOU are:

1. To designate the DWA as a Cooperating Agency for the preparation of the EIS.

2. To provide a framework for cooperation and coordination between the BLM and the DWA that will ensure successful completion of the EIS in a timely, efficient, and thorough manner.
3. To recognize that the BLM is the lead agency with responsibility for the completion of the EIS and the Record of Decision (ROD).
4. To describe the respective responsibilities of each of the Parties in the NEPA review process.

## II. NEPA COMPLIANCE

BLM must comply with the National Environmental Policy Act of 1969, as amended (NEPA; 42 USC Sec. 4321 to 4370e), and with all applicable statutes, regulations, and applicable policy. These include Council on Environmental Quality (CEQ) regulations (40 CFR 1500-1508), U.S. Department of the Interior requirements (DOI NEPA regulations [40 CFR Part 46], *Department Manual 516, Environmental Quality* [USDI 2004]), and BLM guidelines (*Handbook H-1790-1* [BLM 1988a], *Guidelines for Assessing and Documenting Cumulative Impacts* [BLM I 994a], and *Considering Cumulative Effects under the National Environmental Policy Act* [CEQ 1997]).

Under these authorities, the BLM is the lead agency and the DWA is a cooperating agency for the NEPA process. Cooperating agency status may also be offered to other federal agencies, tribes and local government agencies.

The BLM as lead agency is responsible for ensuring that analyses and documents for this project comply with the requirements of NEPA, CEQ regulations, and other applicable federal laws, regulations, and policies. Subject to the terms of this MOU, the DWA agrees to participate as a cooperating agency with the BLM in the development of the EIS. The BLM is solely responsible for the decisions made for the Project. The BLM's decisions associated with the EIS apply only to BLM-administered lands and federal mineral estate.

This EIS will assess the environmental impacts of CVWD's proposed action, the no-action alternative, and a range of reasonable alternatives, and will serve to inform decision-making officials and the public. The EIS will include an analysis of the cumulative impacts of the Whitewater Replenishment Facility Project and the existing and reasonably foreseeable development within the affected environment [40 CFR 1502.15]; see 40 CFR 1508.7 and *Considering Cumulative Effects under the National Environmental Policy Act* [CEQ 1997].

## III. LEGAL AUTHORITIES

A. The BLM enters into this MOU pursuant to:

1. National Environmental Policy Act of 1969 (42 U.S.C. 4321 et seq.).
2. Federal Land Policy and Management Act of 1976 (43 U.S.C. 1701 et seq.).
3. Council on Environmental Quality regulations (40 CFR 1501 et seq.).
4. Bureau of Land Management NEPA regulations (43 CFR Part 46).

B. The DWA enters into this MOU pursuant to:

1. \_\_\_\_\_

#### **IV. RESPONSIBILITIES**

##### **A. Joint Responsibilities and Understandings**

###### **The Parties jointly agree:**

1. Each party to this MOU will designate a single point of contact for all matters relating to the preparation of the EIS.
2. The DWA and the BLM each agree to cooperate by informing each other, as far in advance as possible, of any related actions, issues, or procedural problems that may affect either Party.
3. Both Parties agree to cooperate in the development and review of any operating guidelines or agreements between the DWA or the BLM and other entities involved in the EIS that may affect the environmental analyses and writing of the EIS. At the request of either Party, the BLM and the DWA agree to meet on matters concerning the EIS.
4. The Parties will use best efforts to adhere to, and assist each other in adhering to, the Project schedule.
5. The Parties agree to participate in this EIS process in good faith and make all reasonable efforts to resolve disagreements.
6. The Parties agree to comply with the planning schedule provided as Attachment B, which includes dates for EIS milestones and timeframes for Cooperator's reviews and submissions. This schedule will be updated regularly by the BLM and provided to Cooperator.
7. Each Party agrees to fund its own expenses associated with the Whitewater Replenishment Permit EIS process, except that the BLM may contract with Cooperator for technical studies within its special expertise, as provided for in Section IV-C.
8. The Parties agree to adhere to the requirements of the Federal Advisory Committee Act, as amended (FACA) (2 U.S.C. 1534(b) and 5 U.S.C App.).

##### **B. BLM Responsibilities**

###### **The BLM will:**

1. Organize the NEPA review for this project, including the coordination of Federal Register notices, preparation of the EIS, and filing the EIS with the Environmental Protection Agency.

2. Use the environmental analysis and proposals of the DWA to the maximum extent possible, consistent with its responsibility as the lead agency (40 CFR 1501.5).
3. Meet with the DWA at its request.
4. Inform the DWA of new material information and changes related to the project.
5. Include the DWA's designated representative at:
  - a. Cooperating agency meetings with the BLM;
  - b. Project meetings with the BLM, proponent, other cooperating agencies, and contractors;
  - c. Meetings with the BLM, the project proponent and/or other Federal, state, regional, and local agencies, tribes, and other groups where involvement would be appropriate, necessary, or of benefit to the NEPA review process.
6. Retain final responsibility for the content of all planning and NEPA documents, which include the Draft EIS, the Final EIS, and the ROD. The BLM's responsibilities include determining the purpose and need for the EIS, selecting alternatives for analysis, identifying effects of the proposed alternatives, selecting the preferred alternative, determining appropriate mitigation measures, and implementing appropriate permit conditions, as necessary to fulfill agency obligations under federal law. In meeting these responsibilities, the BLM will follow all applicable statutory and regulatory requirements, and applicable policy.
7. Consider, to the fullest extent consistent with its responsibilities as lead agency, the comments, recommendations, data, and/or analyses provided by the Cooperator in the EIS planning process, and in assisting with the preparation of the EIS, giving particular consideration to those topics on which the Cooperator is acknowledged to possess special expertise.
8. Fully engage the Cooperator whenever a determination is to be made regarding substantive work or material to be included in the preparation of the EIS. In all instances involving questions as to the content or relevance of any material (including all data, analyses and conclusions) prepared by the Contractor, the BLM will make the final determination on the inclusion or deletion of any such material in documents produced for the EIS. If the BLM does not intend to incorporate comments or other information provided by Cooperator, the BLM shall discuss the issue with the Cooperator involved to attempt to resolve the matter.
9. Provide the Cooperator with copies of documents underlying the EIS relevant to the Cooperator's responsibilities, to the fullest extent practicable, after consideration of the effect such releases may have on the BLM's ability to withhold this information from other parties. These may include technical reports, data, analyses, comments received, working drafts related to environmental reviews, and draft and final versions of the EIS.



10. Incorporate information provided by the DWA into the draft and final EIS as appropriate.

### **C. DWA Responsibilities**

#### **The DWA will:**

1. Participate in the NEPA process beginning at the earliest practicable time.
2. Participate in the scoping process, attend regularly scheduled meetings, and engage in other activities necessary to efficiently conduct a project's NEPA analysis.
3. Provide non-confidential information regarding environmental issues for which or where the DWA has special expertise.
4. Within the areas of its special expertise, participate in any of the activities identified in Attachment A. These activities include, but are not limited to:
  - a. Providing guidance on public involvement strategies, identifying data needs;
  - b. Suggesting management actions to resolve planning issues;
  - c. Providing input to the draft analysis of effects;
  - d. Identifying effects of alternatives;
  - e. Suggesting mitigation measures; and
  - f. Providing written comments on working drafts of the EIS and supporting documents.
5. Participate with the BLM in identifying key issues, developing reasonable alternatives, providing timely information, and reviewing preliminary environmental documents.
6. Submit any comments on the environmental analysis to the lead agency within the specified timeframe.
7. Provide to the BLM's project manager all documents and communications for the project record that would inform the NEPA analysis.

### **V. ADMINISTRATIVE AND LEGAL PROVISIONS**

#### **A. Term**

This MOU will commence upon the date last signed and executed by the duly authorized representative and shall remain in effect until terminated in accordance with the provisions listed below in IV, paragraph D (Termination).

#### **B. Amendments**

The BLM or the DWA may request changes to this MOU. Any changes, modifications,

revisions, or amendments to his MOU will be incorporated by written instrument, executed and signed by all parties to this MOU, and will be effective in accordance with the terms of paragraph A above.

### **C. Dispute Resolution**

1. It is the goal of the Parties to resolve any disputes they may have through earnest and good faith discussions between the designated points of contact. The Parties agree to make reasonable efforts to resolve procedural or substantive conflicts. The Parties acknowledge that BLM retains final responsibility for the content of the Whitewater Replenishment Permit EIS and ROD.
2. Either Party may request discussions orally or in writing to resolve a dispute. The Parties agree to hold discussions within 10 calendar days of a request for discussions, and to allow 14 calendar days from the first discussion for ongoing efforts to continue toward a resolution.
3. If discussions between the points of contact do not resolve the dispute, the BLM Field Manager and a designated official of the DWA will meet within 10 calendar days of the last staff discussion with the intent of resolving the dispute through good faith discussions.

### **D. Termination**

1. This MOU will terminate upon the earlier of the following events:
  - a. Both Parties agree in writing that the work associated with producing the EIS, Record of Decision, and the Administrative Record is complete; or
  - b. Thirty calendar days after either of the Parties provides the other Party written notice its intention to terminate the MOU.
  - c. If a dispute exists, the Parties will attempt to resolve the dispute during this 30-day period in accordance with Section C (Disputes) above. In the event negotiations are progressing but are not concluded by the end of the 30-day period, the Party initiating the request to terminate may request termination be postponed for an additional 30-day period to accommodate further dispute resolution discussion. If the Parties are unable to resolve the dispute, either Party may terminate the MOU.

### **E. Entirety of Agreement**

This MOU and its attachments represent the entire and integrated agreement between the Parties and supersedes all prior negotiations, representations, and agreements, whether written or oral, concerning the matters addressed herein.

### **F. Severability**

Should any portion of this MOU be determined to be in dispute or be modified, the

remainder of the MOU will continue as written.

## **G. Sovereign Immunity**

The BLM does not waive its sovereign immunity by entering into this MOU.

## **H. Exchange of Information**

1. “Confidential Information” is any information maintained in confidence, the loss, misuse, unauthorized access to, or disclosure of which could adversely affect the interests of DWA or the United States. Confidential Information includes, but is not limited to, confidential, sensitive, proprietary, and as related to the United States, pre-decisional information. Confidential Information does not include information that (a) is generally known and available in the public domain through no fault of a party, (b) was known by a party prior to the date of disclosure, (c) was received from a third party without any obligation of confidentiality, or (d) was independently developed without reliance on Confidential Information.
2. Cooperator shall use reasonable efforts to mark Confidential Information disclosed to the BLM in written and machine-readable form as “Confidential”, “Proprietary”, or with some other marking indicating the sensitive nature of the Confidential Information.
3. Cooperator acknowledges that information furnished by it to the BLM may be subject to disclosure under applicable law including, without limitation, the Freedom of Information Act (5 U.S.C. § 552), 43 C.F.R § 2.56 (FOIA).
4. The Parties will request information from one another, whether Confidential Information or not, through the points of contact identified in Section VI.
5. Cooperator shall have access to and the opportunity to review all non-confidential materials, procedures, and underlying data within its area of special expertise that is used by any contractor or subcontractor in developing reports, including, but not limited to, field reports, subcontractor reports, and interviews with concerned private and public parties, whether or not such information may be reflected in the draft or final report submitted to the BLM.
6. The BLM shall have access to and the opportunity to review all materials, including confidential information provided to it, procedures, and underlying data used by any contractor or subcontractor in developing any and all reports, including, but not limited to, field reports, subcontractor reports, and interviews with concerned private and public parties, whether or not such information may be reflected in the draft or final report submitted to the BLM.
7. Any and all work performed by any contractor in preparation of the EIS including, but not limited to, draft documents and data analyses, shall be submitted directly to the BLM. BLM will distribute the work products prepared by any contractor or subcontractor to the Cooperator, other cooperators, and the Applicant, as appropriate. If within the Cooperator’s area of special expertise, BLM may, at its discretion, direct a contractor to

submit certain work directly to the Cooperator, with a copy furnished to the BLM at the same time. In no case will the Cooperator direct the contractor or the subcontractor to review, modify, or edit any contractor or subcontractor's work product before it is submitted to the BLM.

8. Any records, documents, supporting materials and draft documents generated as a result of this MOU may become part of the administrative record.

The Cooperator acknowledges that all supporting materials and draft documents used in the Final EIS may become part of the BLM's case file for the Whitewater Replenishment Permit Application. Any documentation that was prepared for the NEPA process and that exists at the time of termination belongs to the BLM, and shall be transmitted to the BLM by the Cooperator with reasonable haste.

- 9.
10. Press inquiries on the permit application process and EIS preparation will be referred to the BLM. Press inquiries on Cooperator's role in the process will be answered by DWA officials.

#### **I. No Third-Party Beneficiary Rights**

The Parties do not intend to create in any other individual or entity the status of third-party beneficiary, and this MOU must not be construed so as to create such status. The rights, responsibilities, and obligations contained in this MOU operate only between the Parties to this MOU and inure solely to the benefit of the Parties of this MOU. The provisions of this MOU are intended only to assist the Parties in determining and performing their obligations under this MOU.

#### **J. Miscellaneous Clauses**

1. In carrying out the terms of this MOU, there shall be no discrimination against any person because of race, creed, color, sex, national origin, or other protected class under Federal or state law.
2. Nothing in this MOU alters, limits, or supersedes the authorities and responsibilities of any Party on any matter within their respective jurisdictions. Nothing in this MOU shall require any of the Parties to perform beyond its respective authority.
3. This MOU in no way restricts the BLM from participating in similar activities with other public or private agencies, organizations, and individuals.
4. No waiver of any provisions of this MOU shall be effective unless made in writing and signed by both parties.
5. No party may assign any of its obligations under this MOU without the prior written consent of the other party. This MOU shall be binding upon and inure to the benefit of

the Parties hereto and their respective successors and permitted assigns.

6. This MOU may be executed in counterparts, each of which shall be deemed an original (including copies sent to a party by facsimile transmission) as against the party signing such counterpart, but which together shall constitute one and the same instrument.
7. Notwithstanding anything in this MOU, any and all provisions which by themselves or their nature are reasonably expected to be performed after the expiration or termination of this MOU shall survive after the expiration or termination of this MOU.
8. Nothing in this MOU shall require any of the Parties to assume any obligation or expend any sum in excess of authorized and available appropriations.
9. Conflict of interest. The Parties agree not to utilize any individual or organization for purposes of plan development, environmental analysis, or Cooperator representation, including officials, employees, or third party contractors, having a financial interest in the outcome of the Whitewater Replenishment Permit EIS. Questions regarding potential conflicts of interest should be referred to the BLM Field Manager or BLM Field Ethics Counselors for resolution.
10. This MOU does not create any substantive or procedural right that is enforceable at law or in equity against the United States or its officers, agents, or employees. This MOU is not a contract and it is not enforceable in a court of law. This MOU does not affect the exercise of any applicable immunity, defense, or legal resource available to either Party under law.

## VI. CONTACTS

The primary points of contact for carrying out the provisions of this MOU are:

**DWA:** [Contact Name]  
[Title]  
1200 S Gene Autry Trail  
Palm Springs, CA 92264  
Office phone: (760) 323-4971  
Email: [Confirm]

**BLM:** Miriam Liberatore  
Project Manager  
Bureau of Land Management  
3040 Biddle Road  
Medford, OR 97504  
Office: 541-618-2412  
Fax: 541-618-2400  
mliberat@blm.gov



## VI. SIGNATURES

IN WITNESS WHEREOF, this MOU is executed as of the date of the last signature written below.

**For the Desert Water Agency**

By:

\_\_\_\_\_  
XXXXXX  
Title

\_\_\_\_\_  
DATE

**For the Department of the Interior, Bureau of Land Management**

By:

\_\_\_\_\_  
Benjamin E. Gruber  
California Desert District Manager (acting)

\_\_\_\_\_  
DATE

**ATTACHMENT A**

## Cooperating Agency Participation in the Whitewater Replenishment Facility Permit EIS

	<b>RMP/EIS Stage</b>	<b>Potential Activities of Cooperating Agencies (CAs) within their acknowledged areas of expertise</b>
1	Conduct scoping and identify issues	Provide input on preparation plan; identify coordination requirements based on CA plans; identify significant issues; identify relevant local and regional organizations and interest groups; provide non-financial sponsorship of public forums with the BLM; collaborate in assessing scoping comments; identify connected, similar, and cumulative actions; identify other relevant agencies.
2	Develop planning criteria	Provide advice on proposed planning criteria.
3	Collect inventory data	Identify data needs; provide data and technical analyses within the CA's expertise.
4	Analyze management situation	Provide input on the Draft Analysis of the Management Situation (AMS) and aid in interpreting the AMS to constituents.
5	Formulate alternatives	Collaborate with field manager in developing alternatives. Suggest land allocations or management actions to resolve issues. <b>[Decision to select alternatives for analysis is reserved to the BLM.]</b>
6	Estimate effects of alternatives	Provide effects analysis within the CA's expertise; identify direct, indirect, and cumulative effects within the CA's expertise; suggest mitigation measures for adverse effects.
7	Select the preferred alternative; issue Draft EIS	Collaborate with field manager in evaluating alternatives and in developing criteria for selecting the preferred alternative; provide input on Preliminary Draft DEIS. The CA may provide written, public comments on draft if desired. <b>[Decision to select a preferred alternative and to issue a draft is reserved to the BLM.]</b>
8	Respond to comments	As appropriate, review comments within the CA's expertise and provide assistance in preparing BLM's responses.
8a	Issue Proposed FEIS	<b>[Action reserved to BLM.]</b>
8b	Initiate Governor's Consistency Review	Once initiated by the BLM, state CAs should contribute to the Governor's Consistency Review.

9	Sign Record of Decision (ROD)	<b>[Action reserved to the BLM.]</b>
9a	Resolve protests; modify Proposed FEIS if needed; sign ROD	<b>[Action reserved to the BLM.]</b> A CA that has provided information relevant to a protest may be asked for clarification.

**ATTACHMENT B**

## Schedule: Whitewater Replenishment Facility Permit EIS

Whitewater Replenishment Facility - ROW Application (4/24/2019)					
ID	Task Name	Duration	Start	Finish	
1	<b>Whitewater Recharge EIS</b>	1 day?	Tue 1/1/13	Tue 1/1/13	
2	MOUs and other administration	89.63 days	Mon 3/18/19	Wed 6/5/19	
3	CVWD	89.63 days	Mon 3/18/19	Wed 6/5/19	
7	Agua Caliente MOU	19.75 days	Tue 4/16/19	Fri 5/3/19	
12	DWA	56.25 days	Fri 4/5/19	Fri 5/24/19	
19	Technical Documents	951 days	Thu 2/15/18	Tue 6/9/20	
20	BRTR: Write, review, accept, and post final versions	359 days	Fri 8/3/18	Tue 6/18/19	
26	Soil Sampling Study and Testing	612.13 days	Thu 2/15/18	Tue 8/13/19	
35	Biological Assessment: Prepare applicant draft, agency review, formally initiate Section 7 consultation	95.13 days	Thu 11/7/19	Fri 1/31/20	
47	FWS Consultation	168.63 days	Sat 1/11/20	Tue 6/9/20	
52	Cultural Resources	47.25 days	Mon 4/15/19	Mon 5/27/19	
57	Notice of Intent (NOI) AND Public Comment Period	76.5 days	Tue 7/23/19	Sun 9/29/19	
67	Scoping and Department Approval	109.75 days	Wed 8/14/19	Tue 11/19/19	
96	Alternatives	32.5 days	Wed 10/9/19	Thu 11/7/19	
97	Develop alternatives	1 eday	Wed 10/9/19	Thu 10/10/19	
98	Cooperating agencies review alternatives	10 edays	Thu 10/10/19	Sun 10/20/19	
99	Iterative discussions w/applicant	10 days	Mon 10/21/19	Tue 10/29/19	
100	Revise and finalize alternatives	3 days	Tue 10/29/19	Fri 11/1/19	
101	Prepare Alternatives PowerPoint/Briefing package	5 edays	Tue 10/29/19	Sun 11/3/19	
102	FO and DM Alternatives Briefing	4 edays	Sun 11/3/19	Thu 11/7/19	
103	Finalize Alternatives	0 edays	Thu 11/7/19	Thu 11/7/19	
104	Draft Environmental Impact Statement	161.25 days	Thu 11/7/19	Mon 3/30/20	
141	Publish NOA for Draft EIS	11 edays	Mon 3/30/20	Fri 4/10/20	
142	DEIS Public Comment Period	45 edays	Fri 4/10/20	Mon 5/25/20	
143	Public Meetings, Comment Responses, Draft Changes for FEIS	110.25 days	Mon 3/30/20	Mon 7/6/20	
163	Final EIS, NOA, & FRN	148.38 days	Tue 6/16/20	Mon 10/26/20	
200	Final EIS published	6 days	Sat 8/15/20	Fri 8/21/20	
216	Publish ROD	1 eday	Sun 9/20/20	Mon 9/21/20	
Page 1					

**STAFF REPORT  
TO  
DESERT WATER AGENCY  
BOARD OF DIRECTORS**

**MAY 21, 2019**

**RE: RECOMMENDATION OF CONTRACT AWARD FOR CONSTRUCTION OF THE 2018/2019 REPLACEMENT PIPELINES (LIVMOR AVE, AIRLANE DR, SYBIL RD, MORSUN CIR, EASMOR CIR, PLAIMOR AVE, N CAHUILLA RD, E HERMOSA PL, CANYON PL, MERITO PL, W HERMOSA PL, MISSION RD, S CAHUILLA RD, CHINO DR, PRESCOTT DR, MOUNTAIN VIEW PL, VIA MIRALESTE, CHIA RD, THE PALMS ST)**

On May 14, 2019, Desert Water Agency received six bids for the project (see attached exhibits). The bid amounts and Engineer's Estimate are as follows:

<b><u>Contractor</u></b>	<b><u>Bid Amount</u></b>
Borden Excavating, Inc.	\$2,986,753.09
Downing Construction, Inc.	\$3,459,469
T.E. Roberts, Inc.	\$3,597,927.20
Weka, Inc.	\$3,612,015
The Van Dyke Corporation	\$3,287,871
H7 Contracting & Engineering, Inc.	\$4,052,594.11
ENGINEER'S ESTIMATE	\$3,400,000

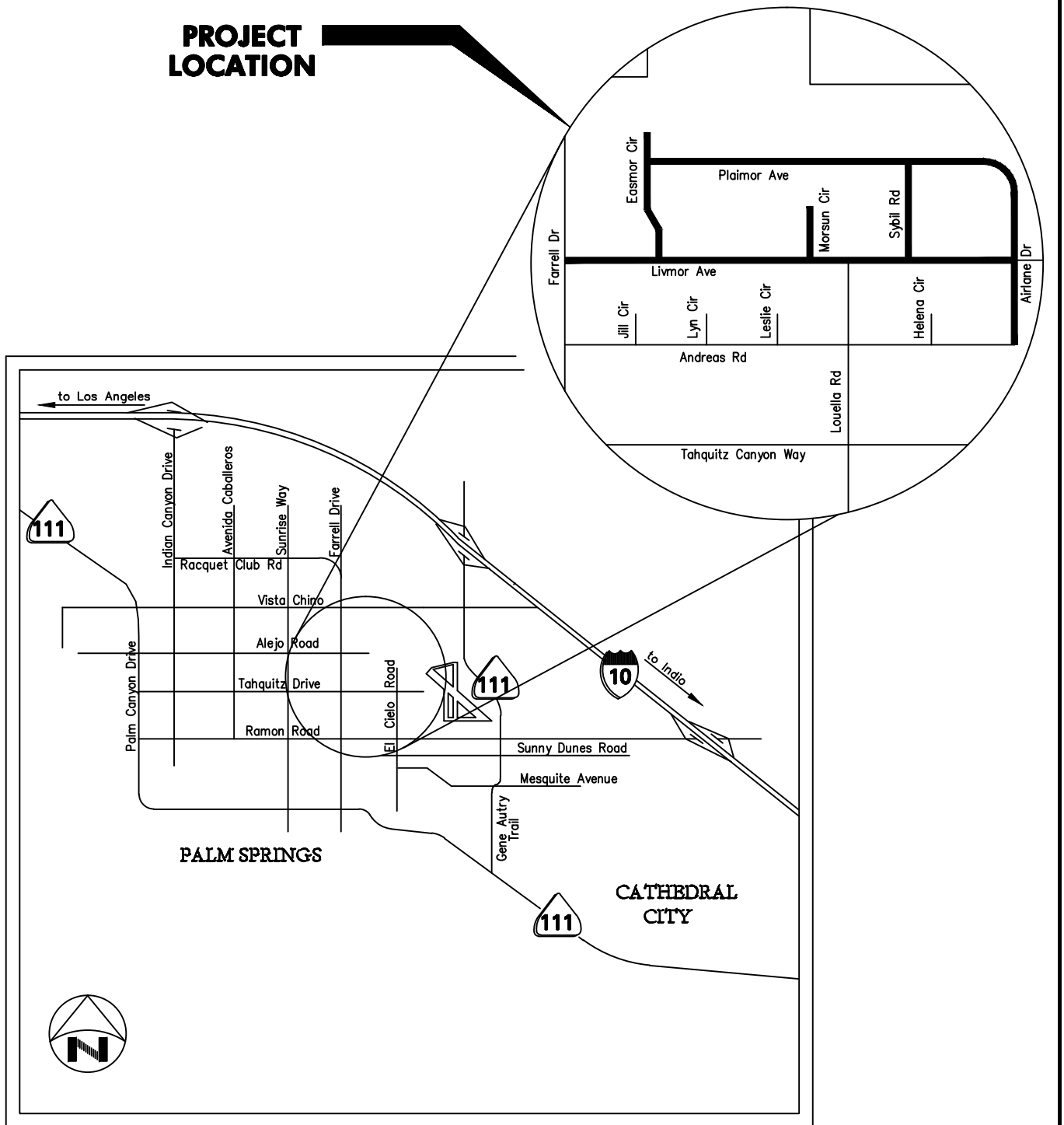
Borden Excavating, Inc. submitted the lowest responsive bid for this project. Borden Excavating, Inc.'s low bid is approximately 9.16% lower than the second low bid from The Van Dyke Corporation. Borden Excavating, Inc. is considered a capable contractor with a current Class A Contractor's License, #741879.

The 2018/2019 Capital Improvement Budget includes Work Order No. 18-160--12, -08 in the total amount of \$3,950,000 for project engineering, overheads, construction and inspection.

As a result of the low bid received from Borden Excavating, Inc., the Agency will have additional funds remaining in this year's work order. Agency staff is exploring the possibility of including additional streets for replacement.

Staff recommends award of contract for subject work to Borden Excavating, Inc in the amount of \$2,986,753.09. Based on bidding documents, the project is estimated to be completed by December 6, 2019.

# PROJECT LOCATION



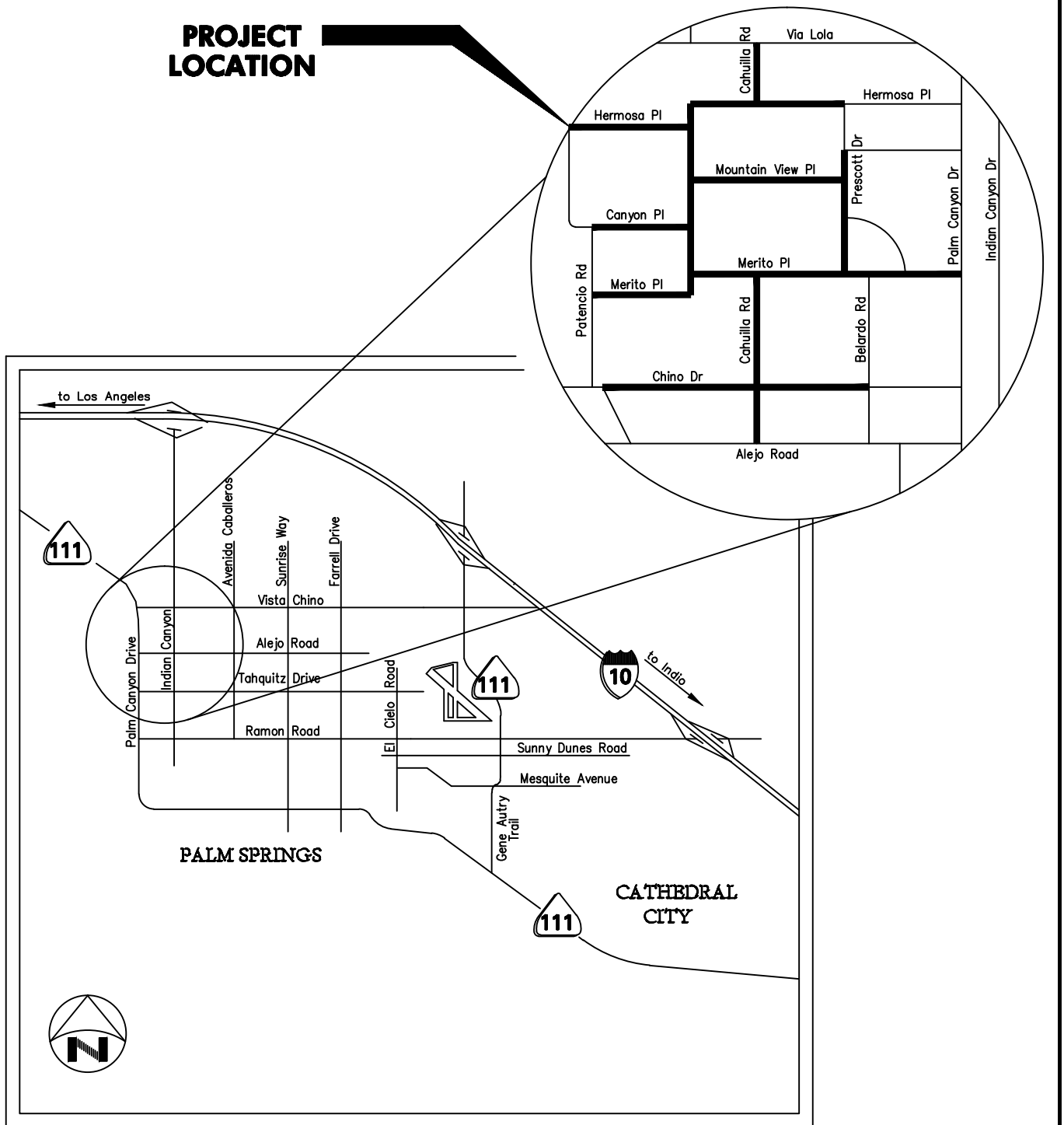
## LOCATION MAP

NOT TO SCALE

<b>FY 2018/2019</b>	<b>DWG. BY</b> CW	<b>DATE</b> 9/18	<b>SCALE</b> N.T.S.	<b>W.O. NO.</b> 18-160
<b>REPLACEMENT PIPELINES</b>	<b>APP'D BY</b> MK	<b>REVISED</b>	<b>PERMIT</b>	<b>FILE NO.</b>
<b>AREA 1</b>	<b>CHK'D BY</b> DT			<b>SHEET</b> 1 OF 3
<b>DESERT WATER AGENCY</b> <b>PALM SPRINGS, CALIFORNIA</b>				



# PROJECT LOCATION

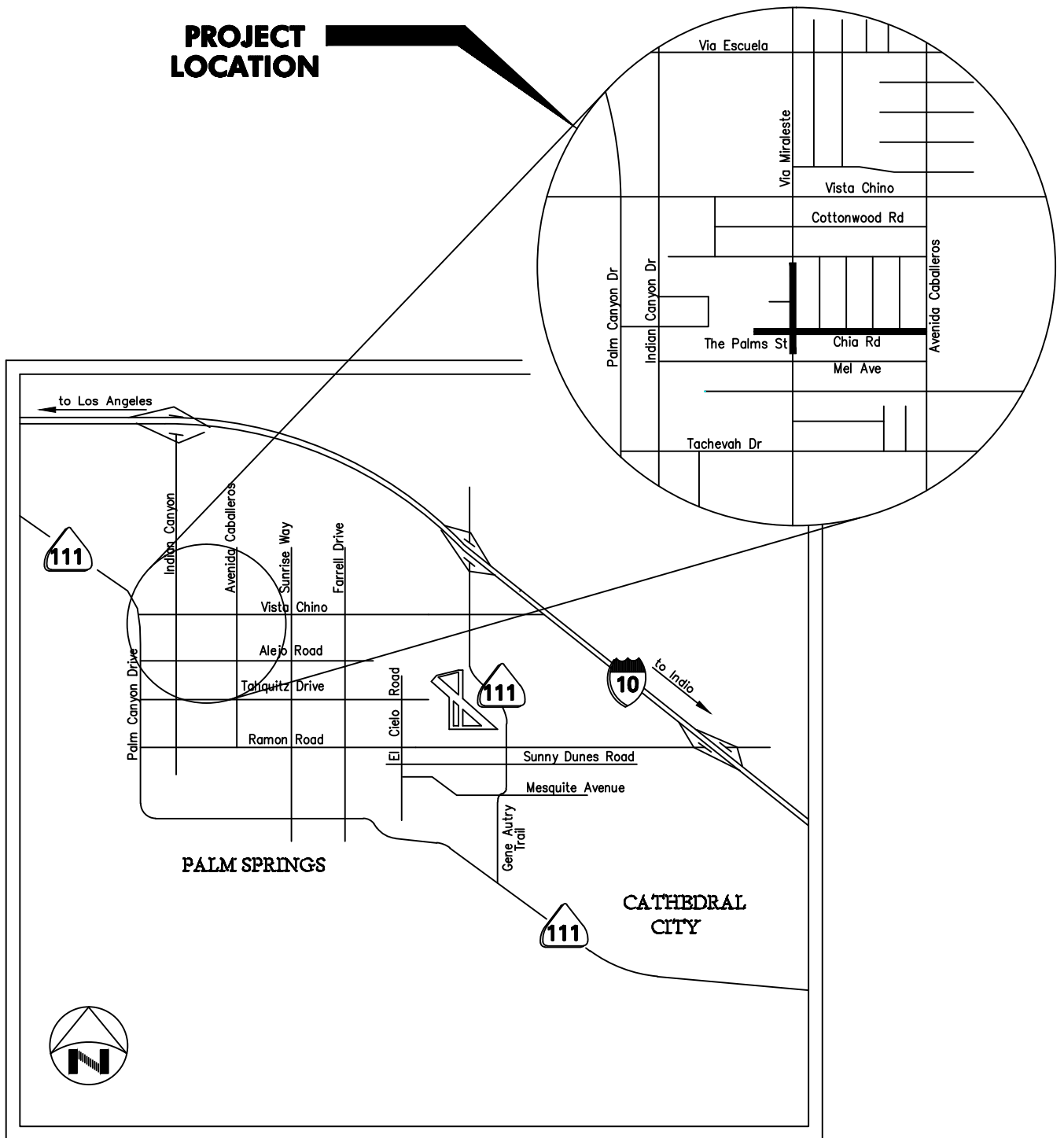


## LOCATION MAP

NOT TO SCALE

FY 2018/2019	DWG. BY CW	DATE 9/18	SCALE N.T.S.	W.O. NO. 18-160
REPLACEMENT PIPELINES	APP'D BY MK	REVISED	PERMIT	FILE NO.
AREA 2	CHK'D BY DT			SHEET 2 OF 3
DESERT WATER AGENCY PALM SPRINGS, CALIFORNIA				

# PROJECT LOCATION



## LOCATION MAP

NOT TO SCALE

FY 2018/2019	DWG. BY CW	DATE 9/18	SCALE N.T.S.	W.O. NO. 18-160
REPLACEMENT PIPELINES	APP'D BY MK	REVISED	PERMIT	FILE NO.
AREA 3	CHK'D BY DT			SHEET 3 OF 3
DESERT WATER AGENCY PALM SPRINGS, CALIFORNIA				

April 18, 2019

**MEMORANDUM**

**TO:** GENERAL MANAGER AND BOARD OF DIRECTORS  
OF DESERT WATER AGENCY

**FROM:** BEST BEST & KRIEGER LLP

**RE:** APRIL 18, 2019 MEETING OF THE BOARD OF DIRECTORS OF THE  
STATE WATER CONTRACTORS

The regular meeting of the Board of Directors of the State Water Contractors (SWC), was conducted at the Tsakopoulos Library Galleria in downtown Sacramento.

1. Closed Session. The meeting began with a lengthy closed session involving a discussion of pending litigation and contested administrative matters. Those matters should not be detailed in a memo that becomes a public document and therefore is omitted from this memo. A separate briefing will be providing under confidential cover.

2. Board Action Items. In open session, the Board took action on several items. First, the Board authorized renewal of an agreement to provide funding the continued operation of a dissolved oxygen aeration unit in the Sacramento River. The unit is already in place and the State Water Contractors have been paying for a portion of the expense for a number of years already, to comply with mitigation requirements imposed by the State Water Resources Control Board for water quality in the Delta. The renewal was approved for a period of three years with two one-year extensions, with the State Water Contractors funding one sixth of the cost at a maximum expense not to exceed \$200,000. The Board also approved funding for a study of a nutrient change policy for the Sacramento River with a contribution by the State Water Contractors in an amount not to exceed \$170,000. The Board also approved a proposed landowner to landowner water exchange program involving Dudley Ridge Water District and Irvine Ranch Water District, utilizing the Kern Water Bank and extending over a period of 5 years with a one-to-one exchange ratio and the return of all water within ten years. In addition, the Board authorized expenditures in amounts not to exceed \$25,000 and \$15,000 to produce videos to inform that public regarding the health of fisheries in the Delta and to explain the need for a smart water policy in the Delta to build a climate resilient water system for the State.

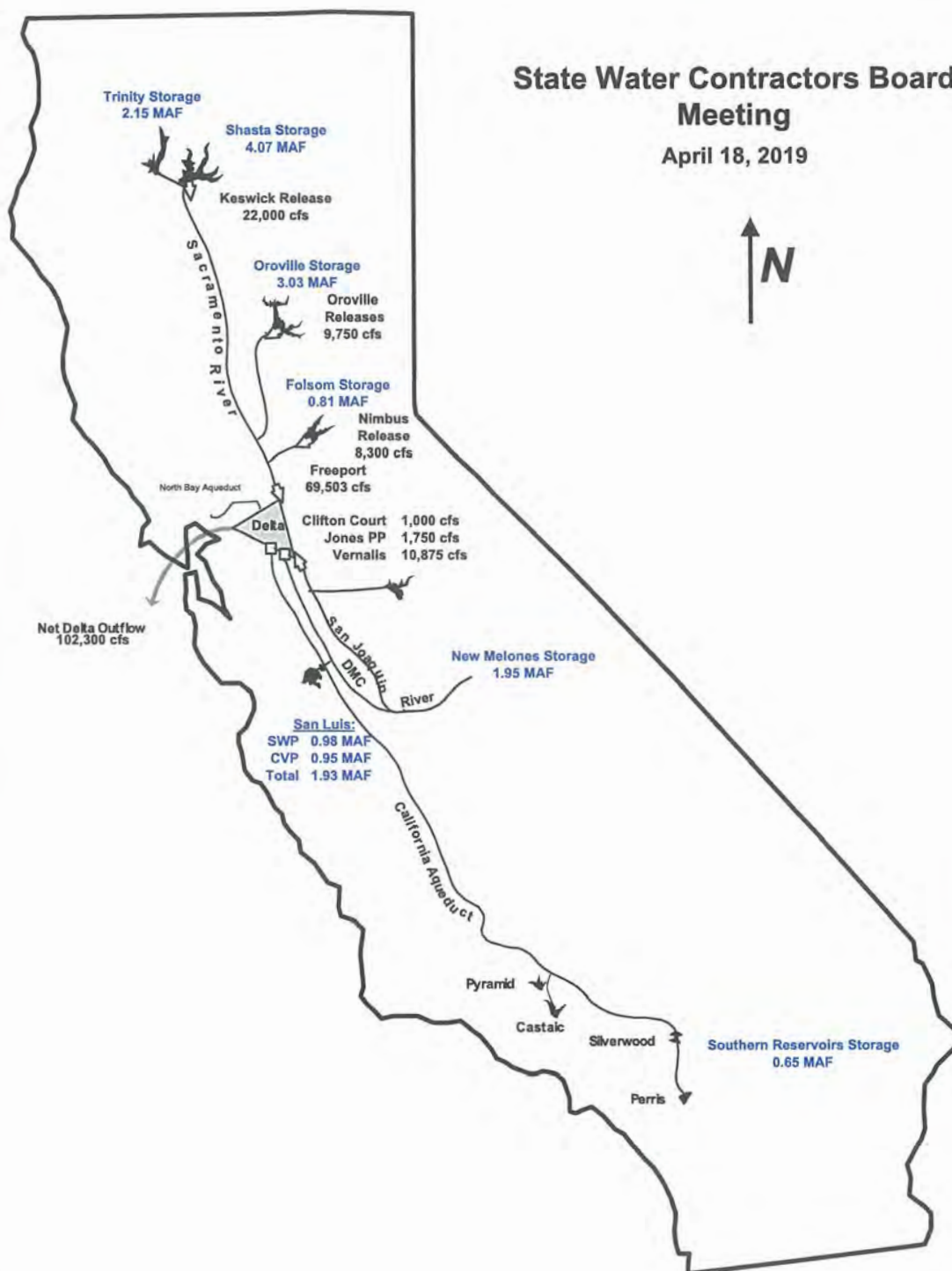
3. State Water Project Operations. A report was provided from DWR regarding water supply conditions. Snowpack conditions were the fifth best on record for the State as of April 1, and seventh best in the Feather River watershed as of April 1. Water levels in Lake Oroville were continuing to increase, although exports from the Delta were decreasing slightly from 1,000 cubic feet per second to 900 cubic feet per second. As of the date of the meeting, the approved allocation from the State Water Project remained at 70% for the year.

4. Energy Objectives Update. A detailed report was provided regarding energy objectives. A copy of the PowerPoint presentation is enclosed with this memo to provide the details. DWR has sent a request for proposals to procure additional renewable energy sources, to replace contracts that are about to expire. Governor Newsom's report on wildfires underscores DWR's strategy in seeking additional renewable sources in lieu of carbon based power.

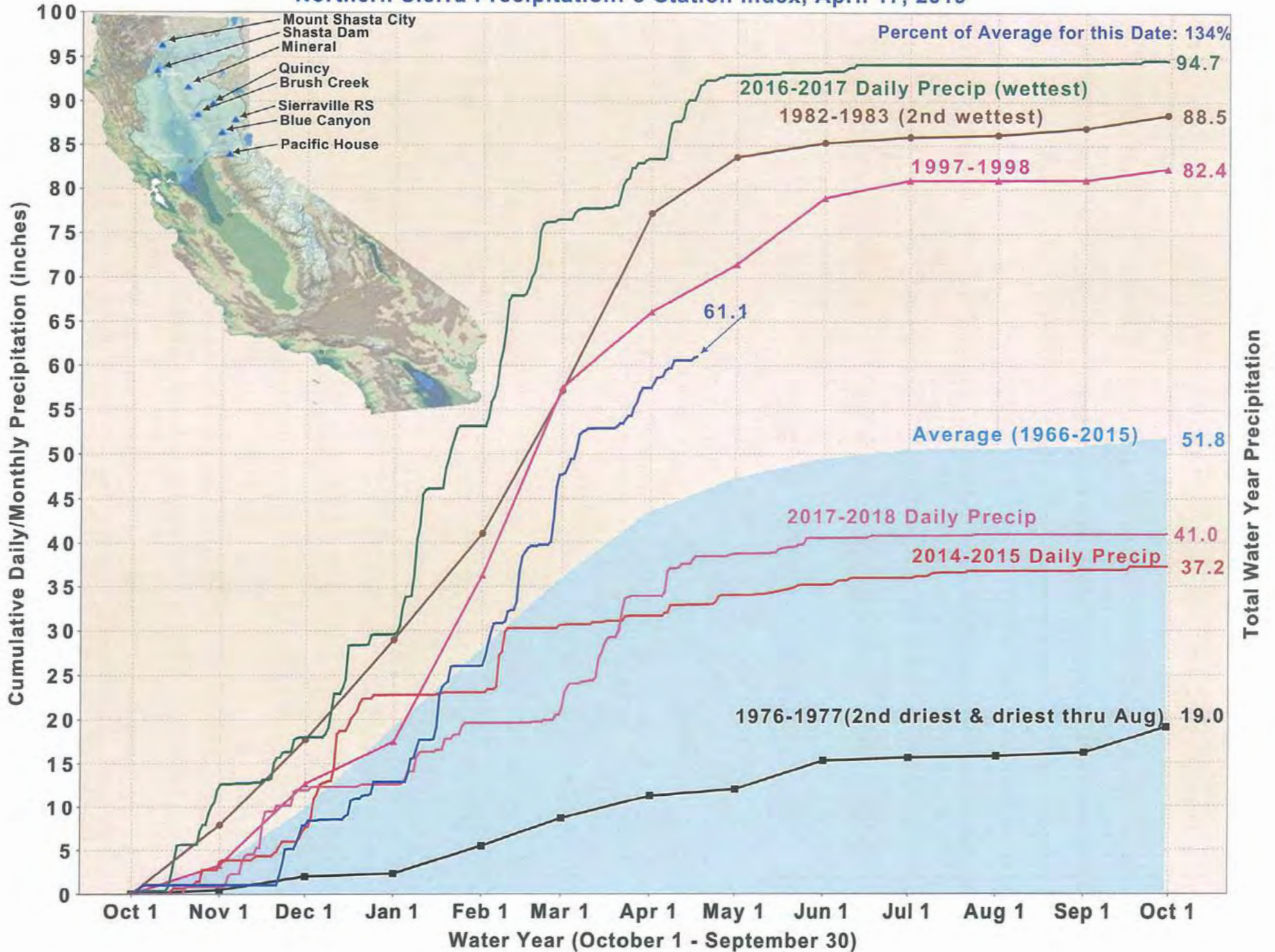
MICHAEL T. RIDDELL

# State Water Contractors Board Meeting

April 18, 2019

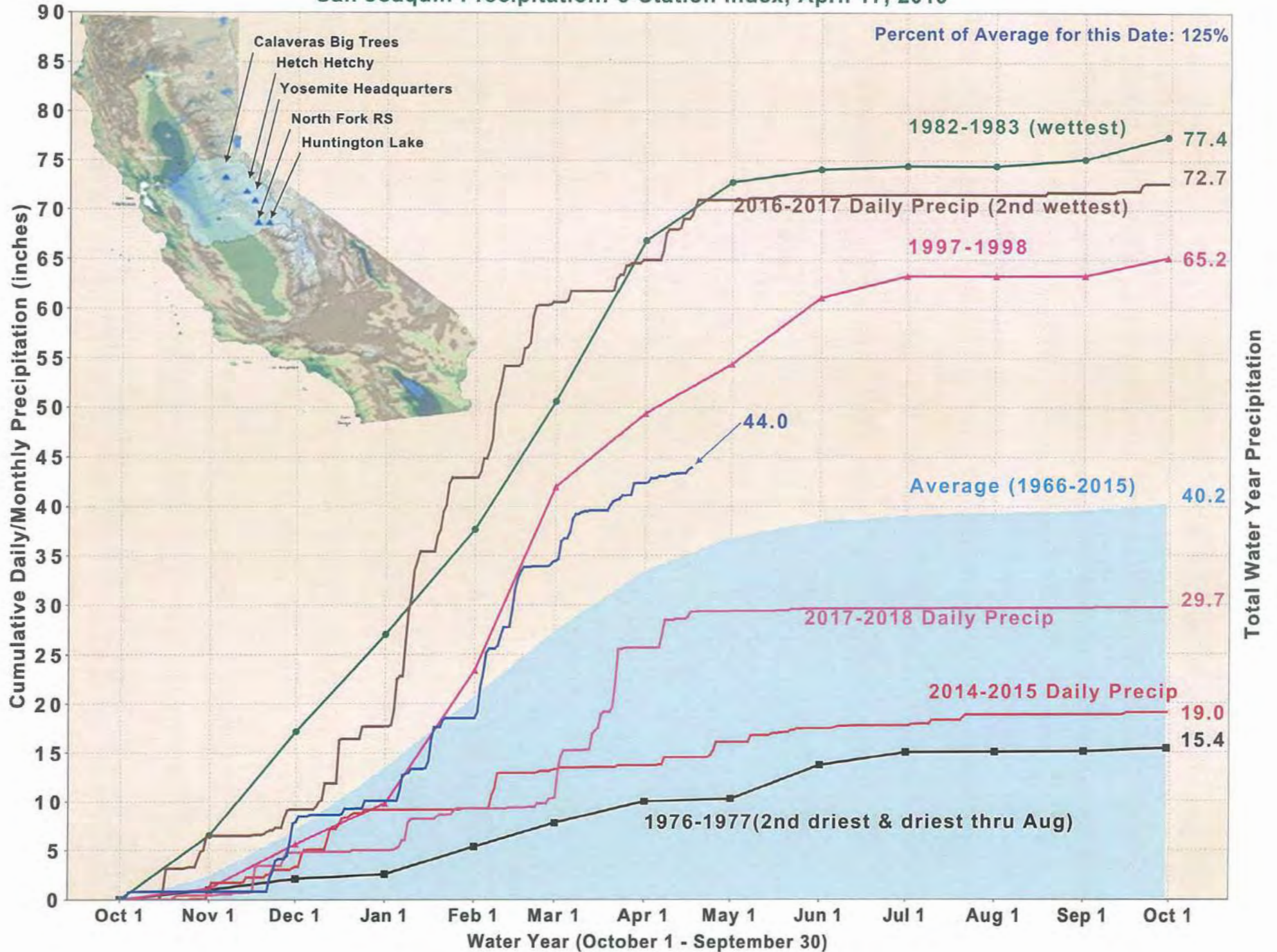


# Northern Sierra Precipitation: 8-Station Index, April 17, 2019



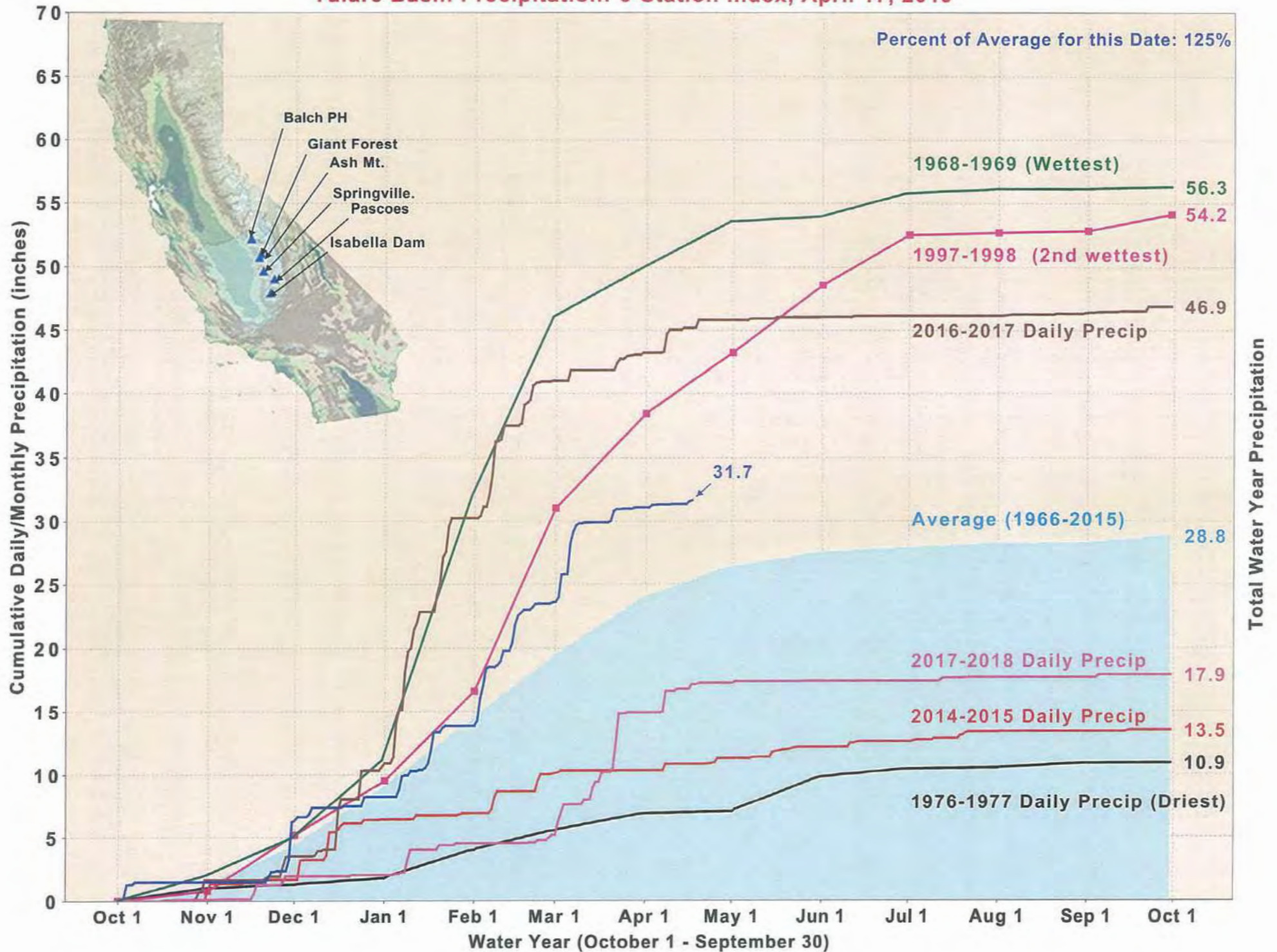


# San Joaquin Precipitation: 5-Station Index, April 17, 2019



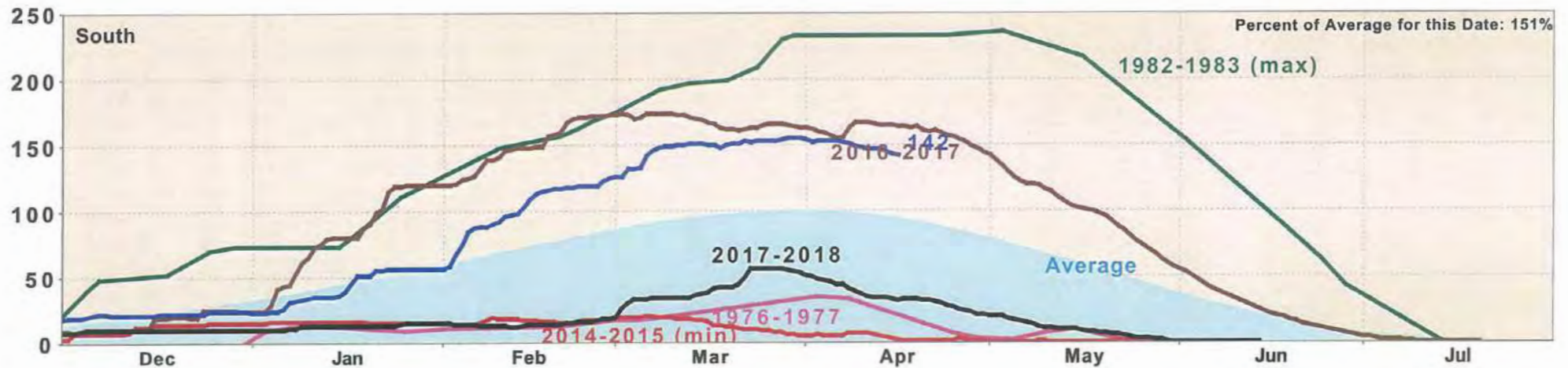
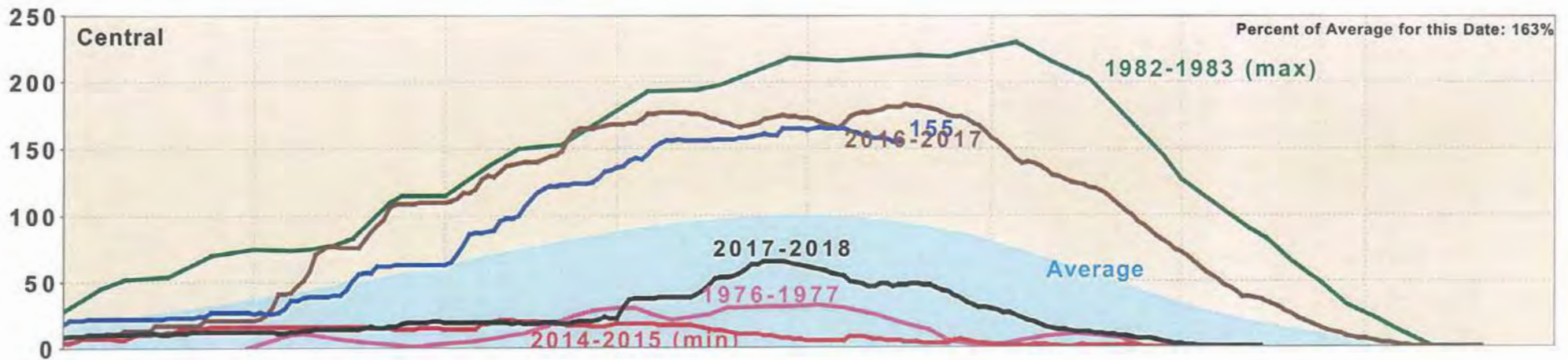
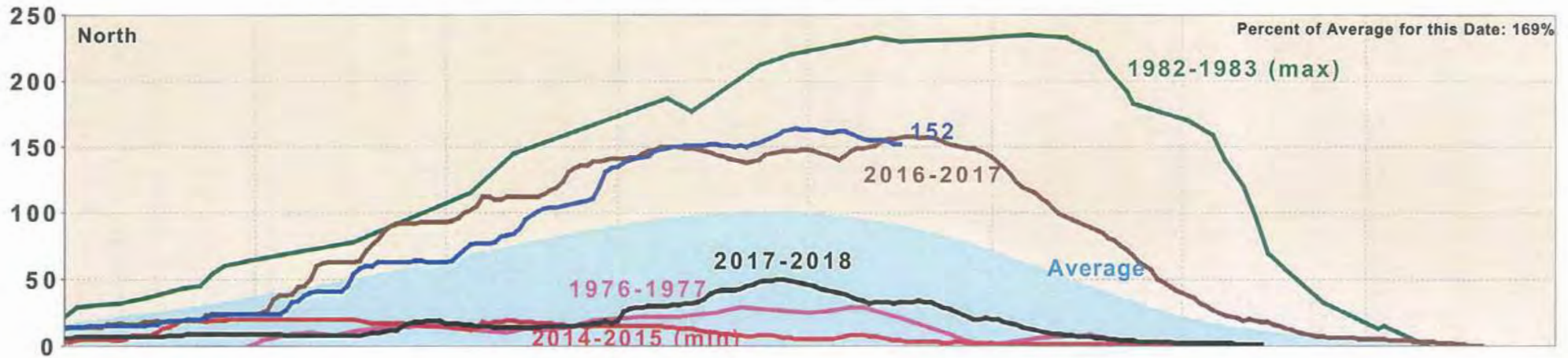


# Tulare Basin Precipitation: 6-Station Index, April 17, 2019





# California Snow Water Content, April 16, 2019, Percent of April 1 Average



Statewide Percent of April 1: 151%

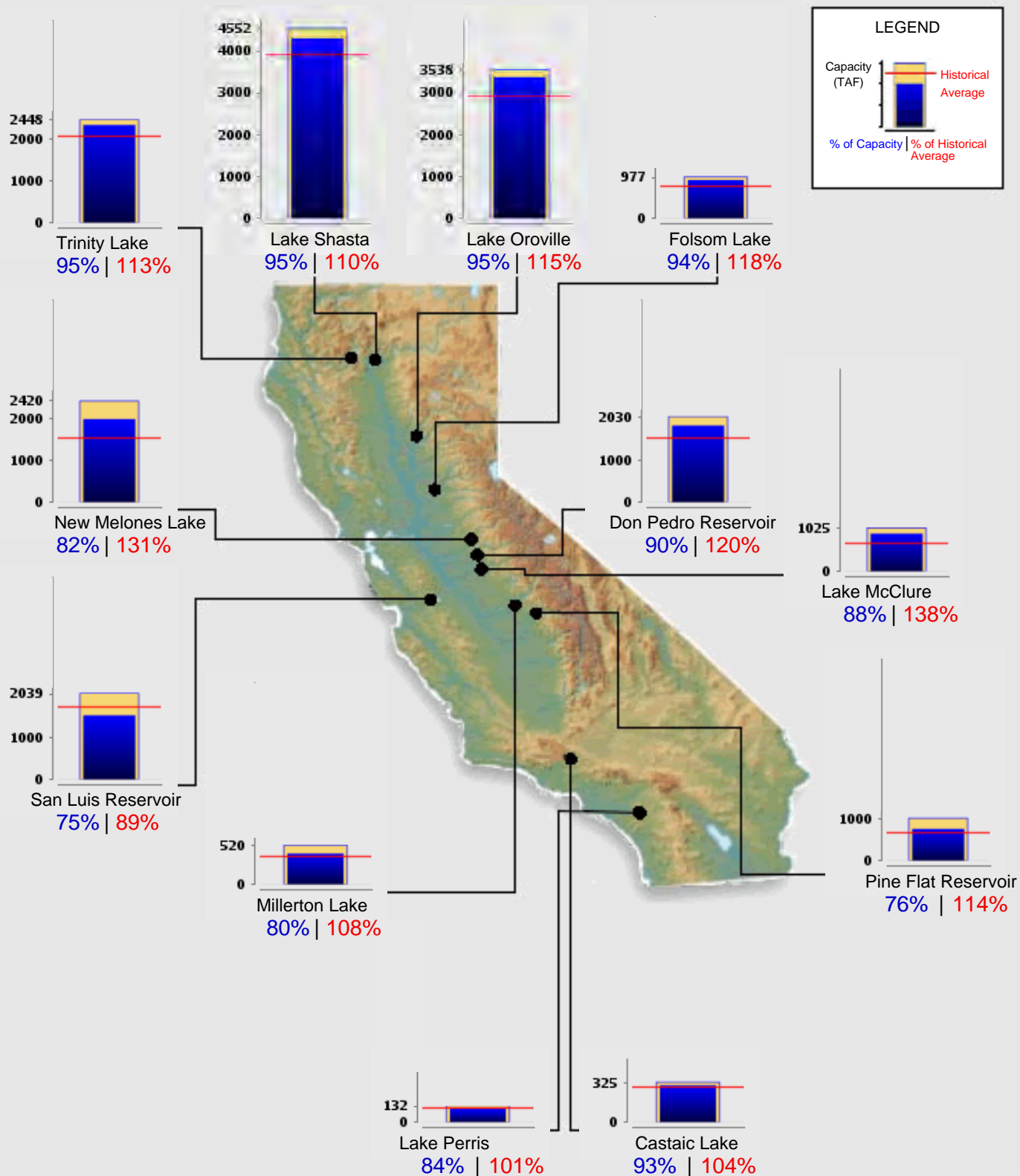
Statewide Percent of Average for Date: 162%



# Reservoir Conditions

Ending At Midnight - May 15, 2019

## CURRENT RESERVOIR CONDITIONS





# Energy Committee Priority Objectives

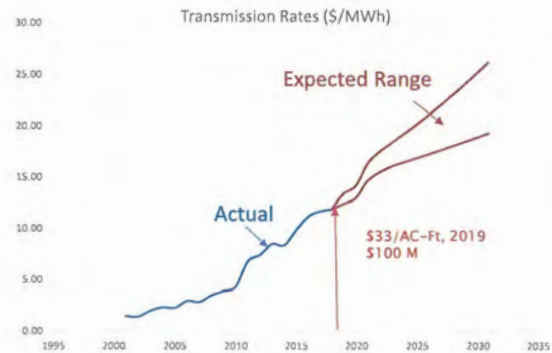
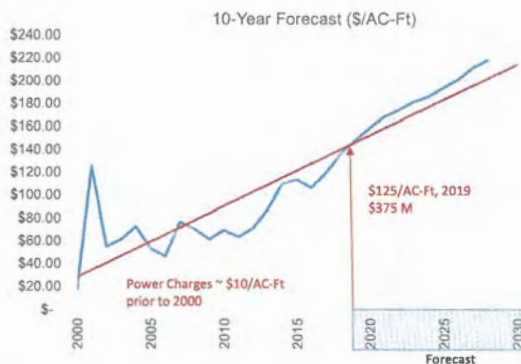
*Protecting SWP from rising energy costs*



April 18, 2019

1

## Transformation of Energy Sector



April 18, 2019

2

## SWC Priority Objectives

	Objective	Description	Priority
Energy Operations	Strategic SWP Power and Transmission plan	Support the policy and strategy discussions between SWC Energy Steering Committee and DWR Risk Oversight Committee	Hi
	Near-term Risk Management	Analyze reports and provide input to DWR Power Planning, Risk Management and Operations offices to align policies and practices with SWC risk tolerance	Hi
	Greenhouse Gas/Renewables Policies	Advise DWR on greenhouse gas and renewables policies and purchases to incorporate SWC rate concerns	Med
	FERC Relicense Settlement	Advocate solutions related to obtaining new license for the Oroville complex. Monitor relicensing activities associated with SoCal facilities	Med
	Defend SWP against Energy Liabilities and Claims	Assure proper legal representation for energy matters before FERC, CAISO, utilities and regulatory agencies	Low

April 18, 2019

3

## SWP Energy Cost Drivers and Threats

### ➤ Transmission

- 700% increase since 2001, ~ \$100M in 2019
- Expected to increase ~\$100M by mid-2030s (without considering CAISO regionalization, Storage, cost shifts, wildfires)

### ➤ Drive to 100 % Renewable / Carbon Resources

- ~\$40M annual increase if DWR pays renewable premiums at historical levels

### ➤ State Needs to Integrate Renewables and Keep Lights On

- Define the role of SWP in transition to carbon free grid

### ➤ Cap and Trade

- Significant cost for SWC but need a different approach

April 18, 2019

4



## SWP Outreach to Industry Participants

- **Description:** Education on what SWP is doing and what limits it from doing more in support of State carbon reduction policy
- **DWR Objective:** 'Increase awareness to minimize targeting SWP'
- **Status:**
  - Meeting with CAISO, CEC and CPUC at executive/commissioner level
  - DWR is educating on what SWP is doing that helps integrate renewables
  - DWR Deputy and SWC Board presentations
- **Risk Oversight Committee:**
  - Identified as top priority
  - Continue to support

April 18, 2019

5

## San Luis Transmission Project

Date	Action
Dec, 2018	SWC Recommend and DWR Decision to Participate
Apr 15 – May 15, 2019	Open Solicitation Window
May 20 – Jun 28, 2019	Negotiations Commence
Aug 30, 2019	Execute Binding Agreements

### To Do List

- Review DWR Business Case and Validate Assumptions in SWC Business Case
- DWR and SWC Principals Meeting (before May 15, Jul 26 and Aug 30)
- Continued discovery of power supply and transmission service
- Meeting with CAISO

April 18, 2019

6



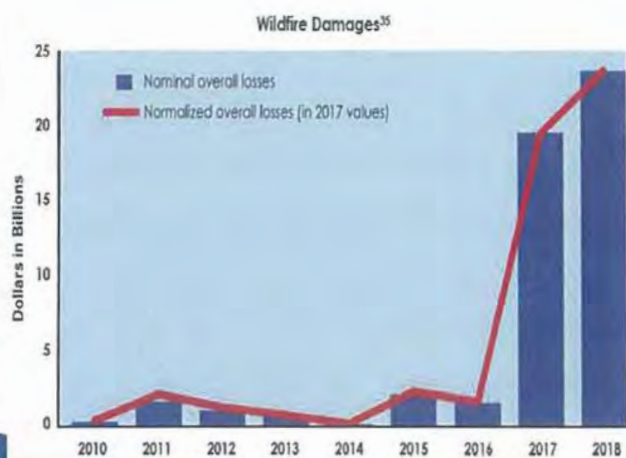
## Wildfires and Climate Change: California's Energy Future

A Report from Governor Newsom's Strike Force

April 12, 2019

7

## Catastrophic Wildfire Damages



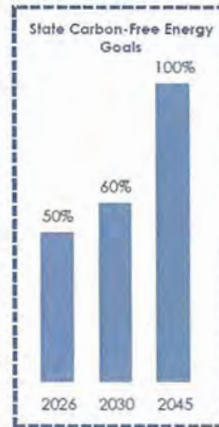
- Preventing and Responding to Catastrophic Wildfires
- California's Clean Energy Future
- Allocating Responsibility for Wildfire Costs
- CPUC Reforms
- Holding PG&E Accountable in Bankruptcy

April 18, 2019

8

## Renewed Commitment to Renewables and Carbon Policy

Actual  
Statutory Target



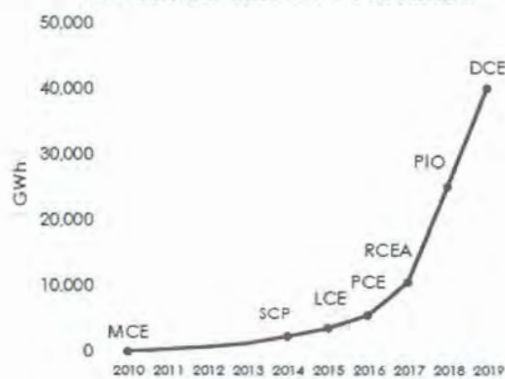
- 'we must remain focused on addressing climate change through clean energy policy'
- 'Action must be taken to facilitate progress toward a 100 percent clean energy grid.'

April 19, 2019

9

## Why Statewide Procurement Entity?

CCA Load Growth Over Time<sup>28</sup>



MCE: MCE Clean Energy  
SCP: Sonoma Clean Power  
LCE: Lancaster Choice Energy

RCEA: Redwood Coast Energy  
PIO: Pioneer Community Energy  
DCE: Desert Community Energy

- Maintain Reliability
- Supplier of Last Resort
- Avoid Rate Increases
- Reduce Carbon Emissions

April 18, 2019

10



- Utilities and Transmission Owners have been downgraded and placed on credit watch
- Catastrophic Wildfire funds are proposed
- Access may require Wildfire Mitigation Plan and Compliance determination

April 18, 2019

11

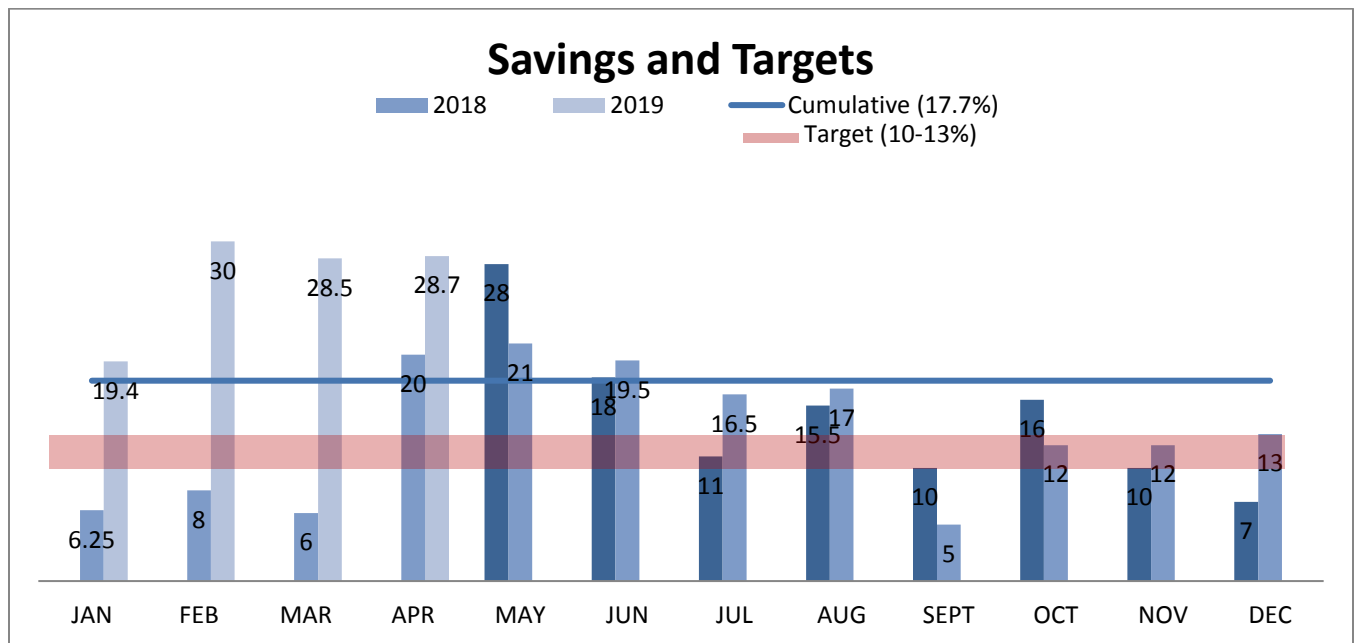


**STAFF REPORT  
TO  
DESERT WATER AGENCY  
BOARD OF DIRECTORS**

**MAY 21, 2019**

**RE: APRIL 2019 WATER USE REDUCTION FIGURES**

Desert Water Agency and its customers achieved a 28.7% reduction in potable water production during April 2019 compared to the same month in 2013 – the baseline year used by the State Water Resources Control Board (State Water Board) to measure statewide conservation achievements. DWA continues to report its production to the state on a monthly basis, despite mandatory conservation ending in 2017.



DWA is asking its customers to save 10-13% compared to 2013 to help achieve long-term sustainability.

The cumulative savings over the last twelve-month period is 17.7%. The cumulative savings beginning in June of 2016 when we put our 10-13% target in place is 17.3%.

On the following page is additional information for this month.

April 2019 water production	1,847.72 AF
April 2013 water production	2,590.61 AF
Percent changed in this month per drought surcharge baseline (April 2015)	24.05%
Quantity of potable water delivered for all commercial, industrial, and institutional users for the reporting month	618.69 AF
The percentage of the Total Monthly Potable Water Production going to residential use only for the reporting month	66.52%
Population (inclusive of seasonal residents)	107,474
Estimated R-GPCD	124.21
How many public complaints of water waste or violation of conservation rules were received during the reporting month?	13
How many contacts (written/ verbal) were made with customers for actual/ alleged water waste or for a violation of conservation rules?	3
How many formal warning actions (e.g.: written notifications, warning letters, door hangers) were issued for water waste or for a violation of conservation rules?	2
How many penalties were issued for water waste or for a violation of conservation rules?	0
<p>Comments: The Agency's service area is highly seasonal making population analysis a complex task. The State Water Resources Control Board (State Board) analyzes data on a per capita basis.</p> <p>Historically, DWA has submitted data based on the permanent population of the service area; however, that data does not accurately reflect water use in DWA's service area which has a highly seasonal population. We are currently submitting a calculation reviewed by the State Water Board. We plan to update our population figures once the Department of Water Resources accepts our technical memo on seasonal population.</p> <p>Since Desert Water Agency began recycling water, the agency has reclaimed 99,829 acre feet. If our recycled water production for this month was taken into consideration against our potable production, the conservation achieved would have been several percentage points higher.</p>	



**DESERT WATER AGENCY  
MEDIA INFORMATION  
APRIL 2019**

<b>DATE</b>	<b>PACKET PAGE</b>	<b>MEDIA SOURCE</b>	<b>ARTICLE</b>
04/09/19	1	DESERT SUN	Us Congress Approves Colorado River Drought Plan
04/17/19	2	DESERT SUN	IID Sues To Halt Colorado River Drought Plan Signed By Trump, Says Officials Ignored Salton Sea
04/19/19	3-4	LOS ANGELES TIMES	Colorado River Drought Plan Stymied
04/23/19	5-6	DESERT SUN	Federal Judge Dismisses Key Pieces Of Tribe's Claim Against Local Water Districts
04/24/19	7-8	DESERT SUN	Judge Trims Tribe's Water Rights Suit
04/30/19	9	NEWS CHANNEL 3	Valley Groundwater Levels Show 'Significant' Increases

## US Congress approves Colorado River drought plan

ASSOCIATED PRESS, April 9, 2019

PHOENIX – A plan to address a shrinking supply of water on a river that serves 40 million people in the U.S. West is headed to President Donald Trump.

The U.S. House and Senate approved the Colorado River drought contingency plan on Monday.

Arizona, California, Colorado, Nevada, New Mexico, Utah and Wyoming spent years negotiating the drought plan. They aim to keep two key reservoirs from falling so low they cannot deliver water or produce hydropower.

Mexico has promised to store water in Lake Mead on the Arizona-Nevada border if the U.S. legislation is approved by April 22. State water managers and federal officials have cited a prolonged drought, climate change and increasing demand for the river's flows as reasons to cut back on water usage. The agreement runs through 2026.

In the lower basin, Arizona and Nevada would keep water in Lake Mead when it falls to certain levels. The cuts eventually would loop in California if Lake Mead's level drops far enough.

The measure approved Monday reflects language proposed by the states but also includes a section that says the implementation of the drought plan won't be exempt from federal environmental laws.

The Imperial Irrigation District in California, which holds the largest entitlement to Colorado River water, and environmental groups had raised concern about draft language they took to mean federal laws like the National Environmental Policy Act and the Endangered Species Act would be disregarded.

## **IID sues to halt Colorado River drought plan signed by Trump, says officials ignored Salton Sea**

Janet Wilson, April 17, 2019

It's not over yet. The Imperial Irrigation District has sued to halt a sweeping Colorado River drought plan that was signed in to law by President Trump on Tuesday. Officials with the sprawling, sparsely populated rural water district in southeastern California say the Salton Sea was wrongly left out of the plan.

IID holds among the oldest and largest rights to water from the river.

The petition, filed in Los Angeles Superior Court, alleges violations of the California Environmental Quality Act by the Metropolitan Water District of Southern California. It asks the court to suspend the Lower Basin Drought Contingency Plan until a thorough environmental analysis has been completed.

"The logic in going forward without IID was that the (drought plan) couldn't wait for the Salton Sea," said Henry Martinez, IID general manager. "This legal challenge is going to put that logic to the test and the focus will now be where it should have been all along — at the Salton Sea."

The petition alleges that MWD wrongly determined that drought plan approvals were exempt from state environmental laws, and violated them by committing to enter into agreements on behalf of itself and all other California contractors. They charge the signed agreement would require the Los Angeles-based district to forgo diverting up to hundreds of thousands of acre-feet of water annually from the Colorado River, without considering how it will make up the shortfall.

CEQA requires state and local agencies to identify the significant environmental impacts of their actions and to avoid or mitigate those impacts if feasible. The U.S. Bureau of Reclamation and state water officials, including California, signed the drought plan on March 19, without IID.

District officials said while they "worked to be a partner in the ... process," their objections to environmental issues posed at the Salton Sea, and lack of federal funding commitments for the state's 10-year Salton Sea Management Plan were ignored.

"The district maintains that the Salton Sea is an integral part of the Colorado River system and its decline presents a severe public health and environmental crisis for the Imperial and Coachella valleys and the state," they said in a news release on Wednesday.

IID notes that MWD's obligation to the river, under this DCP, could be more than 2 million acre-feet.

"As long as IID was part of the (drought plan), the Salton Sea would have been insulated from impacts because (we) could have protected it," said IID board president Erik Ortega. "But under this DCP, particularly now that MWD is calling the shots for California and acting on behalf of the rest of the Colorado River, the Salton Sea is truly on its own. That's why IID is acting to preserve its rights — and the Salton Sea's future — by filing this CEQA challenge."

## Colorado River drought plan stymied

*The Imperial Irrigation District in California, worried about the Salton Sea, sues to block accord.*

Bettina Boxall, April 19, 2019

Just as a long-negotiated agreement for how California and six other Western states will deal with drought on the Colorado River was about to cross the finish line, the river's biggest user put up a roadblock.

The Imperial Irrigation District in southeast California filed a lawsuit Tuesday asking a state court to block the plan until more analysis is done on the accord's environmental impacts.

The filing is the district's latest attempt to put the brakes on the drought pact until the federal government provides \$200 million for restoration of the shrinking Salton Sea.

Imperial holds senior rights to the single biggest allocation of river water on the entire length of the Colorado River.

But it refused to sign the drought contingency plan earlier this year, prompting the Metropolitan Water District of Southern California to bypass Imperial and agree to shoulder the bulk of any delivery cuts California might have to make in the future to prevent Lake Mead from falling to dangerously low levels.

Imperial officials last month threatened legal action, and they followed through on Tuesday, the same day President Trump signed federal legislation authorizing the agreement.

"The logic in going forward without IID was that the [drought plan] couldn't wait for the Salton Sea," Henry Martinez, the Imperial district's general manager, said in a statement Wednesday. "This legal challenge is going to put that logic to the test and the focus will now be where it should have been all along — at the Salton Sea."

In a Superior Court filing, Imperial contends that the MWD violated the California Environmental Quality Act by failing to analyze the impacts of committing to greater river cuts in the future without considering how the agency would make up for the shortfall.

The Salton Sea, which is sustained largely by irrigation drainage from croplands in the Imperial and Coachella valleys, has declined as Imperial and other farm districts have taken land out of production to sell water to MWD and San Diego.

As the shoreline recedes, lake bed contaminated with agricultural chemicals and other pollutants has turned to dust, fouling the air.

Imperial's fear is that if MWD gets less water from the Colorado, the agency will increase its farm water purchases, accelerating the lake's decline and pollution problems.

Federal water managers and MWD officials have said the drought plan will not hurt the Salton Sea.

"We looked into this carefully and we designed a program that does not have impacts on the Salton Sea," said Jeffrey Kightlinger, MWD's general manager. "I don't believe we've done anything that requires future environmental review."



With congressional approval and Trump's signature on the authorizing legislation, the only thing the drought pact needs is the signature of the Interior Department and the seven states that draw from the Colorado.

Kightlinger expects a signing ceremony to take place in the next few weeks. "I don't think the lawsuit changes anything on the ground," he said.

The states' accord builds on steps that were taken in 2007 as it became apparent that a drought that began in 2000 was not ending.

This winter's fat snowpack in the upper Colorado River basin is providing some relief, but the river remains in the grip of a historic drought that has slashed storage in its two huge reservoirs, Lake Powell and Lake Mead.

Under the drought plan, Arizona, Nevada and California have agreed to reduce diversions from Lake Mead to prevent levels from falling so low that it would jeopardize hydropower production and reservoir releases.

The reductions will be triggered by Lake Mead's level at the start of a calendar year.

Arizona, with junior rights, is the first in line to forgo substantial deliveries. Lake Mead has hit the first trigger and the state has already been voluntarily leaving more supplies in the lake.

California will not be required to take less from Lake Mead until its water level falls to an elevation of 1,045 feet above sea level. This year's wet winter has pushed that further into the future, with federal water managers projecting Lake Mead's Jan. 1 elevation at 1,084 feet.

The snowpack in the upper river basin is 130% of average. Spring and early summer river flows into Lake Powell, which releases supplies to Lake Mead, are expected to run at 128% of average.

## Federal judge dismisses key pieces of tribe's claim against local water districts

Evan Wyloge, April 23, 2019

A federal judge has dismissed portions of a yearslong lawsuit brought by the Agua Caliente Band of Cahuilla Indians against the Coachella Valley's local water districts, ruling against the tribe's attempt to quantify its rights to groundwater.

The judge ruled Friday that the tribe's access to water has not been sufficiently harmed to adjudicate the matter.

The ruling strikes a blow to the tribe's sweeping 2013 lawsuit aimed at asserting greater control of the groundwater beneath its land.

Specifically, U.S. District Court Judge Jesus Bernal ruled that because the tribe has always had enough water, and water that met all applicable water-quality standards, the tribe did not have a claim of harm, even if the aquifer has been overdrafted at times and even though saltier Colorado River water has been used to recharge the aquifer.

Agua Caliente Chairman Jeff Grubbe has suggested treating the Colorado River water that flows to the Coachella Valley and is used to replenish the aquifer. He has said the tribe's leaders are concerned about the quality of the water and the aquifer's long-term sustainability, and would be willing to help pay for building treatment facilities to remove salts and contaminants from the imported water.

An initial component of the tribe's claims — that the tribe has a legal right to the groundwater below its reservation — was already adjudicated in the tribe's favor. Another component of the claim has yet to be adjudicated: whether the tribe legally controls the groundwater storage capacity under its land.

As the court case progresses, the two sides will be able to continue to argue over that narrower part of the claim relating to storage space in the aquifer. But the judge also ruled that the tribe would not be able to use the groundwater storage capacity issue to raise its claims regarding water quality.

Asked whether the tribe will appeal the most recent decision, a spokesperson for the tribe wrote in an email that the tribe is "reviewing and considering its options," but noted that the most recent ruling "does not change that Agua Caliente has senior federally reserved rights to groundwater in the Coachella Valley."

Representatives from Coachella Valley Water District and Desert Water Agency, the two water districts involved, both agreed that as long as the most recent ruling is not overturned in an appeal, the dismissal on Friday of major components of the lawsuit likely means a lengthy, intricate process to adjudicate in detail every Coachella Valley water user's claim to groundwater will be avoided.



The U.S. Supreme Court announced in 2017 it would not hear an appeal in the case by the Coachella Valley Water District and the Desert Water Agency. The water agencies had appealed to challenge a decision by the Ninth Circuit Court of Appeals, which ruled the tribe has a right to groundwater dating back to the federal government's creation of the reservation in the 1870s.

The Supreme Court's denial of the agencies' petition meant the tribe prevailed in winning legal backing for its claim to groundwater rights.

The case has been expected to have far-reaching effects for Indian water rights throughout the West and across the country. But if the latest ruling stands, tribes could face a high legal bar in trying to clarify their rights to certain quantities of groundwater.

## Judge trims tribe's water rights suit

Access claims dismissed, but storage issue remains

Evan Wyloge, April 24, 2019

A federal judge has dismissed portions of a yearslong lawsuit brought by the Agua Caliente Band of Cahuilla Indians against the Coachella Valley's local water districts, ruling against the tribe's attempt to quantify its rights to groundwater. The judge ruled Friday that the tribe's access to water has not been sufficiently harmed to adjudicate the matter.

The ruling strikes a blow to the tribe's sweeping 2013 lawsuit aimed at asserting greater control of the groundwater beneath its land.

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*Ian James contributed to this report.*

## Valley groundwater levels show 'significant increases'

By: City News Service Apr 30, 2019

Groundwater levels throughout most of the Coachella Valley have increased significantly over the past decade, according to an annual analysis released today by the local water district.

The Coachella Valley Water District submitted two annual reports for the 2017-18 water year to the California Department of Water Resources, one on the Indio Subbasin and the other on the Mission Creek Subbasin, which make up most of the valley's aquifer.

The report documents "significant increases" in groundwater levels in the range of 2-50 feet in the past decade in most of the Indio Subbasin, located under the cities of Palm Springs, Cathedral City, Rancho Mirage, Palm Desert, Indian Wells, La Quinta, Indio and Coachella, and the unincorporated communities of Thousand Palms, Thermal, Bermuda Dunes, Oasis and Mecca.

The exception was the mid-valley area of the subbasin, where "localized portions of decreased water levels in the range of 2-8 feet," according to the report. According to the water district, that area "will soon benefit" from the Palm Desert Replenishment Facility. Phase one of the project is operational and phase two planning is underway, a spokeswoman said.

In the Mission Creek Subbasin located under Desert Hot Springs and the unincorporated area of Indio Hills, increases in groundwater levels in most of the subbasin of up to 28.5 feet have been documented, according to the report.

"Successful groundwater replenishment programs, along with continued efforts to conserve, reduce water waste and to connect customers to the nonpotable water system for irrigation purposes, resulted in the positive trends observed in groundwater storage in both subbasins during the past 10 years," according to a CVWD statement.

CVWD spokeswoman Katie Evans said the district is also continuing efforts to connect more golf courses to nonpotable water such as recycled or Colorado River water instead of groundwater.

The reports document the "water" year from Oct. 1, 2017, through Sept. 30, 2018, and do not reflect the powerful winter rainstorms in the desert over the past few months.

Evans said the recent rains should raise groundwater levels, but as the levels are analyzed over a long period of time, usually 10 years, "one wet year may not make a big impact." Continued water conservation efforts are crucial to continued groundwater sustainability in the Coachella Valley, she added.

The annual reports were submitted to the California Department of Water Resources by the state's April 1 deadline to comply with the reporting requirements of the Sustainable Groundwater Management Act. The full reports can be viewed on the CVWD's website.

The CVWD, which is governed by a five-member board of directors, serves about 108,000 residential and business customers across 1,000 square miles, located primarily in Riverside County, but also in portions of Imperial and San Diego counties.

**DESERT WATER AGENCY**  
**OUTREACH & CONSERVATION**  
**ACTIVITIES**

**April 2019**

**Activities:**

- 4/01-4/03 Ashley Metzger attended AWWA Sustainable Water Management conference.
- 4/03 Vicki Petek completed 2 turf buy back post inspections.
- 4/04 Ashley Metzger was on a live segment with KESQ regarding elections by division and upcoming public hearings.
- 4/04 Xochitl Peña was on the Joey English radio show.
- 4/06 DWA provided water to the Palm Springs Unified School District Pride & Purpose Family Conference.
- 4/07 DWA provided the water trailer, bottles and cups for the Opera in the Park at Sunrise Park.
- 4/08-4/11 Xochitl Peña attended the California PIO conference.
- 4/11 Ashley Metzger attended the ONE-PS meeting and provided an update.
- 4/11 DWA hosted a facilities tour for the California Water Environment Association.
- 4/11 Ashley Metzger was on a live segment with KESQ regarding hydration.
- 4/11 Xochitl Peña attended the Palm Springs Historical Society's speaker series highlighting water.
- 4/15 DWA hosted a public hearing at the Carl May Community Center in Desert Hot Springs about transitioning to district-based elections.
- 4/15 Ashley Metzger attended Mission Springs Water District's Board meeting.
- 4/16 Ashley Metzger was interviewed by NBC Palm Springs about the MSWD water study.
- 4/17 Vicki Petek and Xochitl Peña attended the Family Fun Fest at Palm Springs Stadium and DWA provided the water trailer.
- 4/18 Xochitl Peña was on a live segment with KESQ regarding Earth Day.
- 4/22 Ashley Metzger and Xochitl Peña staffed a booth at the SunLine Earth Day Celebration.
- 4/22 Ashley Metzger was interviewed by Tom Tucker with KESQ regarding the MSWD water study.
- 4/23 DWA hosted a spring facilities tour for approximately 100 local residents.
- 4/24 President Stuart and Ashley Metzger attended the Desert Hot Springs City Hall groundbreaking ceremony.
- 4/25 Ashley Metzger was on a live segment with KESQ and provided a tribal lawsuit update.
- 4/29 Staff coordinated with other agencies on Whitewater River safety outreach.



**Public Information Releases/eBlasts/Customer notifications:**

April 1: Maps for division elections available; more public hearings set – website  
April 4: Sierra snowpack boosts local water supply – website  
April 5: Desert Water Agency elections by division – Nextdoor  
April 22: Key Claims Dismissed in Agua Caliente's Case Against Water Agencies – website  
April 22: Desert Water Agency tours seats available tomorrow – Nextdoor

**Upcoming Events**

May 22, 11:30 to 1:30 – Riverside County BIA luncheon featuring Supervisor Perez, Palm Valley Country Club  
May 23, 10:00 to 12:00 – Desert Hot Springs State of the City, Desert Hot Springs Health & Wellness Center  
May 27, 9:00 to 3:30 – DWA at Palm Springs Air Museum's Memorial Day Flower Drop event  
May 31, 5:00 to 6:30 – DWA at Vista Del Monte Elementary end of school celebration  
June 1, 9:00 to 11:00 – Desert Hot Springs Neighborhood Group monthly breakfast, Miracle Springs Resort

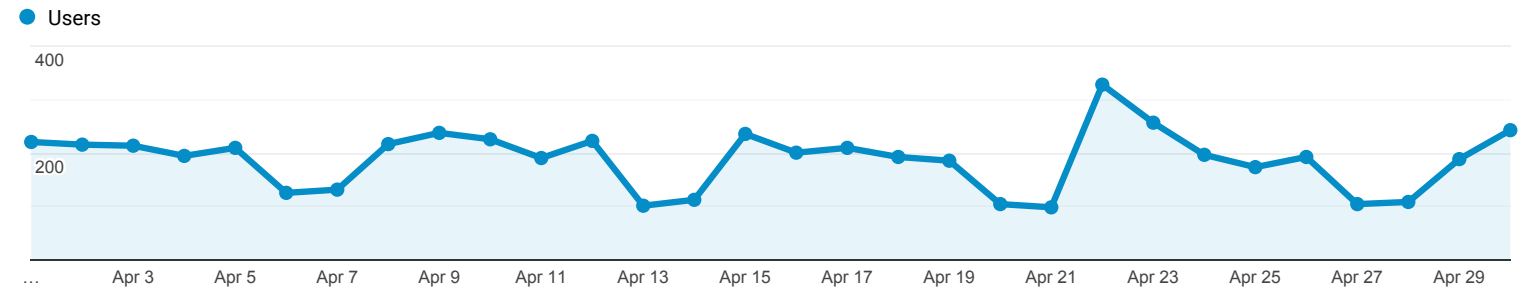


Audience Overview

All Users  
100.00% Users

Apr 1, 2019 - Apr 30, 2019

Overview



Users

4,729

New Users

3,981

Sessions

6,152

Number of Sessions per User

1.30

Pageviews

12,893

Pages / Session

2.10

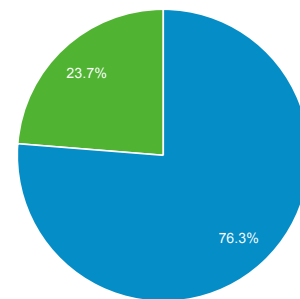
Avg. Session Duration

00:01:36

Bounce Rate

53.20%

■ New Visitor ■ Returning Visitor



Language		Users	% Users
1.	en-us	4,430	93.62%
2.	en-ca	66	1.39%
3.	en-gb	56	1.18%
4.	es-419	39	0.82%
5.	es-us	22	0.46%
6.	es-xl	21	0.44%
7.	zh-cn	14	0.30%
8.	en	8	0.17%
9.	ko	8	0.17%
10.	es-es	7	0.15%

## Desert Water Agency Facebook Analytics April 2019



### Actions on Page

April 12 - May 9



We have insufficient data to show for the selected time period.

### Page Views

April 12 - May 9

146

Total Page Views ▲ 52%



### Page Previews

April 12 - May 9

12

Page Previews ▲ 9%



### Page Likes

April 12 - May 9

6

Page Likes ▼ 25%



### Post Reach

April 12 - May 9

1,266

People Reached ▼ 40%



### Recommendations

April 12 - May 9



We have insufficient data to show for the selected time period.

### Post Engagements

April 12 - May 9

592

Post Engagement ▲ 85%



### Videos

April 12 - May 9

16

3-Second Video Views ▼ 84%



### Page Followers

April 12 - May 9

6

Page Followers ▼ 25%



## Facebook Analytics April 2019 continued



04/29/2019 8:00 AM		An aerator on your faucets reduce the flow of water without reducing			82		5 2			Boost Post
04/26/2019 8:00 AM		If you're heading to Stagecoach don't forget to hydrate! They have free water			132		5 5			Boost Post
04/24/2019 4:52 PM		Putting the 'greater' in the Greater Palm Springs area that is our			235		15 6			Boost Post
04/23/2019 7:04 PM		What a fun, educational & picturesque day! For our Spring			158		43 8			Boost Post
04/22/2019 12:31 PM		We're celebrating #EarthDay @SunlineTransit - we're here with			484		109 24			Boost Post
04/21/2019 8:00 AM		If your bill is unusually high one month you may have a leak. Go to			91		0 2			Boost Post
04/20/2019 8:00 AM		Join us for an Earth Day Celebration on Monday at SunLine Transit Agency			86		1 4			Boost Post
04/19/2019 1:19 PM		It will be warm for @Coachella weekend 2. Don't forget to hydrate!			163		4 8			Boost Post
04/18/2019 8:00 AM		Great work! Our customers used 28.5 percent less water last month than in			96		4 5			Boost Post
04/17/2019 12:13 PM		Great turn out for the Palm Springs Public Library Family Fun Fest! We			140		24 9			Boost Post
04/16/2019 8:00 AM		The Palm Springs Public Library Family Fun Fest is Wednesday from			228		8 9			Boost Post



## Facebook Analytics April 2019 continued



04/15/2019 11:26 AM		Our public hearing showcasing maps that divide DWAs service			114		7 1		
04/12/2019 12:31 PM		We'll be there celebrating and educating the community about how			87		2 2		
04/11/2019 8:24 PM		Fascinating talk on the history of water tonight by Palm Springs			119		7 8		
04/11/2019 8:00 AM		The Coachella Valley Music & Arts Festival is almost here. Camelbaks,			135		1 6		
04/08/2019 9:00 AM		A 5-minute shower uses about 12.5 gallons of water compared to a bath			145		4 8		
04/06/2019 9:00 AM		Opera in the Park is Sunday at Sunrise Park. We'll have our water			233		9 14		
04/05/2019 8:00 AM		Maps showing how Desert Water Agency's service boundary could be			849		28 5		
04/05/2019 8:00 AM		Maps showing how Desert Water Agency's service boundary could be			107		4 4		
04/04/2019 9:00 AM		Welcome @ANAIInspiration golf fans! Have fun watching the top LPGA			76		0 1		
04/03/2019 9:00 AM		Welcome ladies! Dinah Shore Weekend in Palm Springs is all			83		0 2		
04/01/2019 8:00 AM		Wash your dog on your lawn in an area that needs extra water.			110		4 5		



## Facebook Analytics April 2019 continued



Total Page Likes as of Today: 1,182

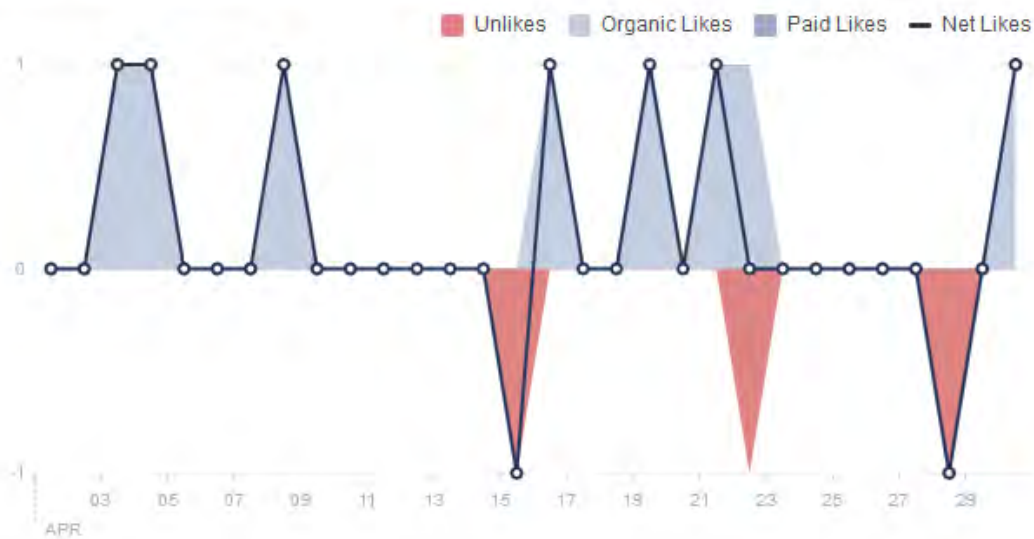


**BENCHMARK**  
Compare your average performance over time.

Total Page Likes

### Net Likes

Net likes shows the number of new likes minus the number of unlikes.



**BENCHMARK**  
Compare your average performance over time.

Unlikes

Organic Likes

Paid Likes

Net Likes

#### WANT MORE LIKES?

Create an ad to get more people to like your Page.

[Promote Page](#)

Instagram April 2019



186 impressions



240 impressions



618 impressions



357 impressions



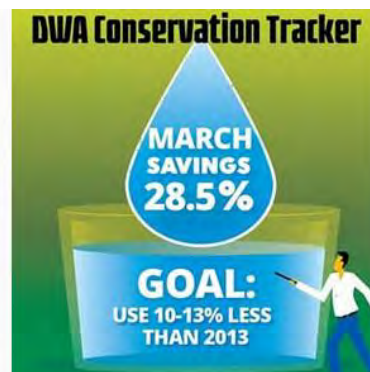
216 impressions



223 impressions



288 impressions



198 impressions



270 impressions





Outreach & Conservation Manager Ashley Metzger, Desert Water Age...

### **Desert Water Agency tours - seats available tomorrow**

We have a LIMITED number of seats available for our tours tomorrow (4/23) due to cancellations. The tours are at 8 a.m. and 1 p.m. and last approximately three hours. If you are interested and available tomorrow, please comment to this message with your email address. We will fill seats in order of comments and will email you the details if you've made the list.

If you're interested in attending a tour in the future, please visit [www.dwa.org/tours](http://www.dwa.org/tours) and sign up for tour notifications.

**tours - Desert Water Agency**

[DWA.ORG](http://DWA.ORG)

22 Apr · Subscribers of Desert Water Agency in 1 area

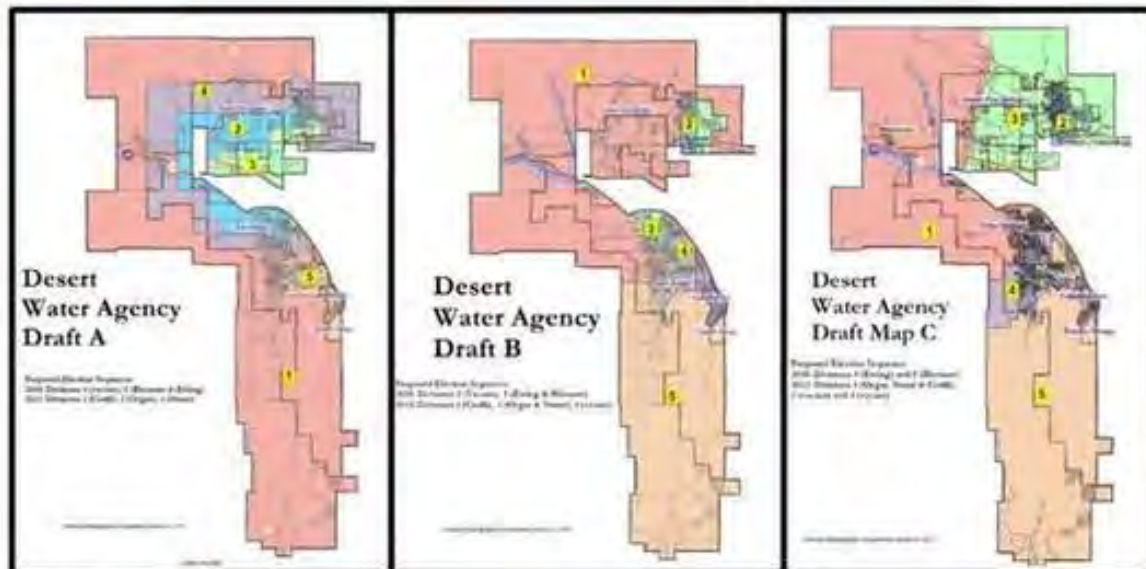
3,755 impressions



Outreach & Conservation Manager Ashley Metzger, Desert Water Age...

## Desert Water Agency - elections by division

Desert Water Agency is evaluating a transition from at-large elections to elections by division. There are two upcoming hearings to review draft maps, which are available for review at [www.dwa.org/divisions](http://www.dwa.org/divisions). April 15, 10:30 a.m. - Carl May Center, Desert Hot Springs April 16, 8:00 a.m. - Desert Water Agency, Palm Springs See more...



Divisions - Desert Water Agency

[DWA.ORG](http://DWA.ORG)

5 Apr · Subscribers of Desert Water Agency

2,320 impressions

## Desert Water Agency Twitter Analytics April 2019



**Tweets**  
1,997

**Following**  
1,535

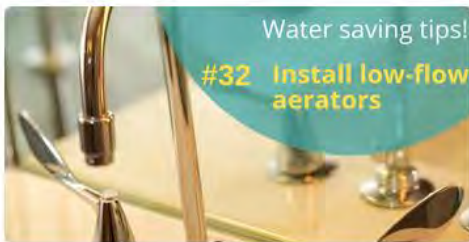
**Followers**  
1,127

Apr 2019 • 30 days

### TWEET HIGHLIGHTS

#### Top Tweet earned 1,180 impressions

An aerator on your faucets reduce the flow of water without reducing pressure, saving both water and energy. [#watersavingtips](#) [#waterwetalkingabout](#)  
[pic.twitter.com/fcXMIWvrV](https://pic.twitter.com/fcXMIWvrV)



Retweets 2 Likes 7

[View Tweet activity](#)

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#### Top mention earned 44 engagements



**Xochitl Pena**

@TDSXochitl - Apr 21

Glad I brought my [@DWAwater](#) bottle to [@Coachella](#) [#hydrate](#)  
[pic.twitter.com/gPvdZ57Hhz](https://pic.twitter.com/gPvdZ57Hhz)



Retweets 1 Likes 4

[View Tweet](#)

### APR 2019 SUMMARY

Tweets  
20

Tweet impressions  
12.1K

Profile visits  
365

Mentions  
8

New followers  
10

#### Top Follower followed by 6,763 people



**Rezatec**

@Rezatec [FOLLOWS YOU](#)

Rezatec resolves global business problems caused by environmental change through the scientific analysis of satellite and ground data.

[View profile](#)

[View followers dashboard](#)

#### Top media Tweet earned 608 impressions

Welcome ladies! Dinah Shore Weekend in Palm Springs is all about empowerment, unity and pool parties. Have fun & don't forget to hydrate. [#TheDinah2019](#)  
[pic.twitter.com/yf3NHB1Xm5](https://pic.twitter.com/yf3NHB1Xm5)

