



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. EMPLOYEE INTRODUCTION KRAUSE
3. PRESENTATION – ACWA JPIA MELODY MCDONALD
4. APPROVAL OF MINUTES -
 A. February 19, 2019 (Regular) STUART
 B. February 19, 2019 (Special) STUART
5. GENERAL MANAGER'S REPORT KRAUSE
6. COMMITTEE REPORTS – A. Executive – February 28, 2019 STUART
7. 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.
8. ACTION ITEMS
 A. Request Acceptance of Work (2017/18 Replacement Pipelines Project) JOHNSON
 B. Request Board Action Regarding Claim for Damages Filed by Brandon Akers KRAUSE
9. DISCUSSION ITEMS
 A. State Water Contractors' Meeting – February 21, 2019 RIDDELL
 B. Annual Back-Up Facility and Capacity Charges Report KRIEGER
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

Upon request, this agenda will be made available in appropriate alternative formats to persons with disabilities, as required by Section 202 of the Americans with Disabilities Act of 1990. Any person with a disability who requires a modification or accommodation in order to participate in a meeting is asked to contact Desert Water Agency's Assistant Secretary of the Board, at (760) 323-4971, at least 48 working hours prior to the meeting to enable the Agency to make reasonable arrangements. Copies of records provided to Board members which relate to any agenda item to be discussed in open session may be obtained from the Agency at the address indicated on the agenda.

Desert Water Agency
REGULAR BOARD MEETING
March 5, 2019

The following employee is scheduled to attend and be introduced to the Board of Directors at the March 5, 2019 Board Meeting:

| Name |
|--|
| Josiah Perez July 6, 2018 Water Service Worker I |

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

4-A

February 19, 2019

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

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

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| Consultant: | Michael T. Riddell, Best Best & Krieger |) |
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| Public: | David Freedman, PS Sustainability Comm. |) |
| | Karl Baker Jr., Desert Hot Springs resident |) |
| | Allen Gribnau, Palm Springs resident |) |

18350. President Stuart opened the meeting at 8:00 a.m. and asked everyone to join Vice President Bloomer in the Pledge of Allegiance. **Pledge of Allegiance**

18351. President Stuart called upon General Manager Krause to introduce the newly hired employee. **Employee Introduction**

General Manager Krause stated this item will be carried over to the next Board meeting.

18352. President Stuart called for approval of the February 5, 2019 Regular Board meeting minutes. **Approval of 02/05/19 Regular Board Minutes**

Director Cioffi moved for approval. After a second by Secretary-Treasurer Ewing, the minutes were approved as written.

18353. 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. He also noted recent storm damage to the Chino North intake, Snow Creek bridge and Falls Creek Road intake and pipeline.

18354. President Stuart noted the minutes for the February 13, 2019 Executive Committee were provided in the Board's packet. **Committee Reports:**
Executive 02/13/19

18355. 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.

18356. President Stuart called upon Secretary-Treasurer Ewing to present an overview of financial activities for the month of January 2019. **Secretary-Treasurer's Report (January 2019)**

Secretary-Treasurer Ewing reported that the Operating Fund received \$2,216,095 in Water Sales Revenue, \$73,152 in Reclamation Sales Revenue; and \$1,036 from SCE for Snow Creek Hydro Power Sales for December 2018. \$2,918,744 was received in Accounts Payable. Year-to-date Water Sales are 6% under budget, Year-to-date Total Revenues are 4% under budget, and Year-to-date Total Expenses are 12% under budget. There were 22,534 active services as of January 31, 2019. **Operating Fund**

Reporting on the General Fund, Mr. Ewing stated that \$959,271 was received in Property Tax Revenue, \$1,161,459 in Groundwater Assessments and \$13,415 from CVWD for reimbursement of Whitewater Hydro Expenses for November 2018. \$4,232,195 was paid out in State Water Project charges (Fiscal YTD SWP Payments = \$11,891,922). **General Fund**

Reporting on the Wastewater Fund, Mr. Ewing stated that \$1,931 was received in Sewer Contract payments. \$190,799 was paid out in Accounts Payable. **Wastewater Fund**

18357. President Stuart called upon General Manager Krause to present the 2018 Capital Improvement Projects. **Discussion Items:**
2018 Capital Improvement Projects

Mr. Krause provided a PowerPoint presentation on the 2018 Capital Improvement projects, which included: 1) Pipeline replacements, 2) Manhole replacement, 3) Equipment replacement, 4) Whitewater Hydro rebuild, 5) Electrical upgrades, 6) Effluent reservoir upgrades, 7) Operations Center carpet replacement, 8) Public bathroom, 9) Operations Center roof fall protection, 10) Air conditioner screens on the roof, 11) Well No. 17 roof repair; and 12) 12 mg. reservoir re-coating.

18358. President Stuart called upon General Manager Krause to present the Metropolitan Water District Exchange Agreement. **Discussion Items:**
(Cont.)

Mr. Krause provided a PowerPoint presentation that showed the history of the agreement, benefits, desired improvements and proposed amendments. MWD Exchange Agrmt.

18359. President Stuart called upon Outreach & Conservation Manager Metzger to present the January Water Use Reduction Figures. January Water Use Reduction Figures

Mrs. Metzger reported that the Agency and its customers achieved a 19.4% reduction in potable water production during January 2019 compared to the same month in 2013. She noted the cumulative savings over the last twelve months is 14.6%.

18360. Secretary-Treasurer Ewing requested staff provide current info on the status of the Colorado River water. **Directors**
Comments/Requests

President Stuart stated that tomorrow he will be attending CVWD's completion celebration of Phase 1 of the Palm Desert Replenishment facility.

18361. At 9:00 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), Agua Caliente Band of Cahuilla Indians vs. Riverside County, et al; (C) Existing Litigation, pursuant to Government Code Section 54956.9 (d) (1), Mission Springs Water District vs. Desert Water Agency; (D) Existing Litigation, pursuant to Government Code Section 54959.9 (d) (1), Albrecht et al vs. County of Riverside; (E) Existing Litigation, pursuant to Government Code Section 54959.9 (d) (1), Abbey et al vs. County of Riverside; (F) Existing Litigation, pursuant to Government Code Section 54956.9 (d) (2), Thurman W. Arnold III vs. Rupp, Medjian, Rupp, Levy, DWA; (G) Exposure to Litigation, pursuant to Government Code Section 54956.9 (d) (2), Freeman et al vs. Safari Park, Inc; and (H) 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.

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

18362. At 9:44 a.m., President Stuart reconvened the meeting into open session and announced there was no reportable action taken. **Reconvene – No Reportable Action**

18363. In the absence of any further business, President Stuart adjourned the meeting at 9:45 a.m. **Adjournment**

Joseph K. Stuart, President

ATTEST:

Craig Ewing, Secretary-Treasurer

DRAFT

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

4-B

February 19, 2019

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

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| DWA Staff: | Mark S. Krause, General Manager) |
| | Steve Johnson, Asst. General Manager) |
| | Sylvia Baca, Asst. Secretary of the Board) |
| | Ashley Metzger, Outreach & Conserv. Mgr.) |
| | Vicki Petek, Outreach & Conserv. Associate) |
| | Kory Knox, Info. Systems Administrator) |
| | Daniel Ballesteros, PC Support Tech. 1) |
| | Dan Camarena, PC Support Tech. 1) |

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| Consultant: | Michael T. Riddell, Best Best & Krieger) |
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| Public: | Ronald Gilbert, Desert Hot Springs resident) |
| | Jessica Gilbert, Desert Hot Springs resident) |
| | Ed Molloy, Desert Hot Springs resident) |
| | Ivan & Breana Sewell, MSWD & DHS resident) |
| | Russ & Florence Martin, MSWD & DHS resident) |
| | Nancy Wright, MSWD and DHS resident) |
| | Estela Rojas, Desert Hot Springs resident) |
| | Yvonne Parks, Desert Edge resident) |
| | Dorothy Warren, Desert Edge resident) |

18364. President Stuart opened the special meeting at 5:30 p.m. and asked everyone to join Secretary-Treasurer Ewing in the Pledge of Allegiance. **Pledge of Allegiance**

18365. General Manager Krause provided a PowerPoint presentation showing DWA's boundaries, current voting in Desert Hot Springs, Groundwater replenishment, existing retail service area, population by area and the 2010 Census population. **Presentation**

Agency Counsel Riddell discussed the Agency's history and the California Voting Rights Act (CVRA). Mr. Riddell explained that tonight

is the second Public Hearing and is intended to solicit the public's input on proposing the Agency's five divisions. **Presentation (Cont.)**

Outreach & Conservation Manager Metzger explained the difference between At-large elections (current DWA process) and Elections by division. She noted the importance of public input during the transition process and the possibility of adopting a map by the end of summer. She announced that the video from the previous public hearing, the PowerPoint presentation and FAQ's are available on the Agency's website at: www.dwa.org/divisions.

18366. President Stuart opened the meeting for public comment. **Public Comment**

Karl Baker, Jr. spoke in support of district elections. He stated the demographer's map presented at the February 5 meeting does not accurately show the population for Desert Hot Springs and suggested incorporating future growth. He also suggested having two Board Members represent Desert Hot Springs. Karl Baker, Jr.

Nancy Wright concurred with Mr. Baker on the need to include future growth. She then asked how unincorporated areas will be included and whether changes can be made once maps are drawn. Nancy Wright

Estela Rojas, representing Agua Warriors, spoke in support of having two Board Members represent Desert Hot Springs. Estela Rojas

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

18367. At 6:00 p.m., President Stuart opened the Public Hearing and invited those interested in speaking to come to the podium. **Open Public Hearing**

Yvonne Parks suggested the East and North side of Desert Hot Springs as two division boundaries.

Karl Baker, Jr. suggested East of Palm Drive and NorthWest of Pierson as two division boundaries. He discussed future developments within the City of Desert Hot Springs.

Nancy Wright suggested the Agency consider MSWD's Urban Water Management Plan, Sewer Master Plan and Water Infrastructure Master Plan when drawing the maps.

There being no one else from the public wishing to speak, President Stuart closed the Public Hearing at 6:06 p.m. He thanked those in attendance for participating and noted this was the second Public Hearing.

He noted the Agency's webpage for updates and future ~~Adjournment~~ meetings, www.dwa.org/divisions.

18368. In the absence of any further business, President Stuart adjourned the meeting at 6:07 p.m.

Joseph K. Stuart, President

ATTEST:

Craig Ewing, Secretary-Treasurer

DRAFT

**GENERAL MANAGER'S REPORT
MARCH 5, 2019**

Stolen Backflow (Belardo Rd.)

On February 14 at approximately 10:00 a.m, staff responded to a stolen backflow and an attempt to steal a backflow at 301 Belardo Rd. Staff received authorization to replace and repair the backflows. Repairs and the replacement have been made and they are back in service. The water loss was metered and the customer filed a police report.



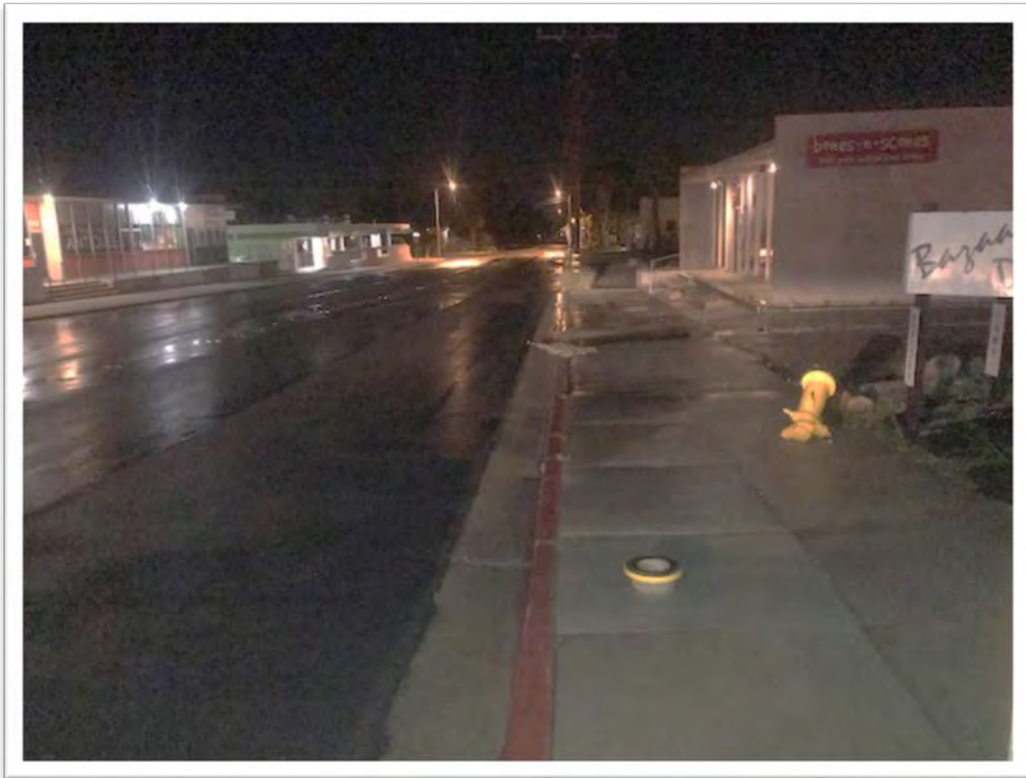
Stolen Backflow (Tachevah)

On February 18 at approximately 8:00 a.m. Construction staff responded to a stolen backflow at 3700 Tachevah Dr. The management company will have their own plumber replace the backflow and they also filed a police report. The water loss was metered.



Hit & Run (Sunny Dunes Rd.)

On February 26 at approximately 12:22 a.m., Construction Stand-by responded to a hit fire hydrant at 525 Sunny Dunes Rd; this was a hit and run. Staff replaced the bolts and gasket and placed the hydrant back in service. The water loss was a fully open 6-inch fire hydrant bury which ran for approximately 30 minutes. A police report was filed.



2019 State Water Project Allocation Increase to 35 Percent

On November 30, 2018, the initial allocation was announced at 10%.

As of February 20, 2019, DWR is increasing the allocation of 2019 SWP water for long-term contractors from 631,115 acre-feet (10%) to 1,473,046 acre-feet (35%). This results in a 13,937.5 acre-foot increase for the Agency.

Sites Project Authority, 2019 Reservoir Project Agreement Update

At our February 5th Board meeting, the General Manager was authorized to enter into the 2019 Reservoir Project agreement. At that time, DWA's estimated proportionate share of the project was 2.8% (2.85%). After the February 15th deadline when all of the participant agreements had been submitted the overall participation level had decreased from 228,092 A.F. to 200,862 A.F. thereby increasing DWA's proportionate share from 2.85% to 3.24%. Logically, this seems to indicate that we would be responsible for a larger amount of the project costs. However, our maximum cost remains capped at \$60/acre-foot (\$390,000 total). The overall participation level may yet increase or decrease over the course of this year.

We are still waiting to hear DWR's opinion on including Sites Reservoir charges on the SWP statement of charges. DWR will begin invoicing for its estimate 2020 statement of charges starting in May 2019. If we want the 2020 Sites Reservoir charges collected in the SWP statement of charges we need to have an agreement with DWR by the beginning of May 2019. However, this presents the problem of having charges collected in advance of entering into the 2020 Sites Reservoir Project Agreement.

Human Resources Activities:

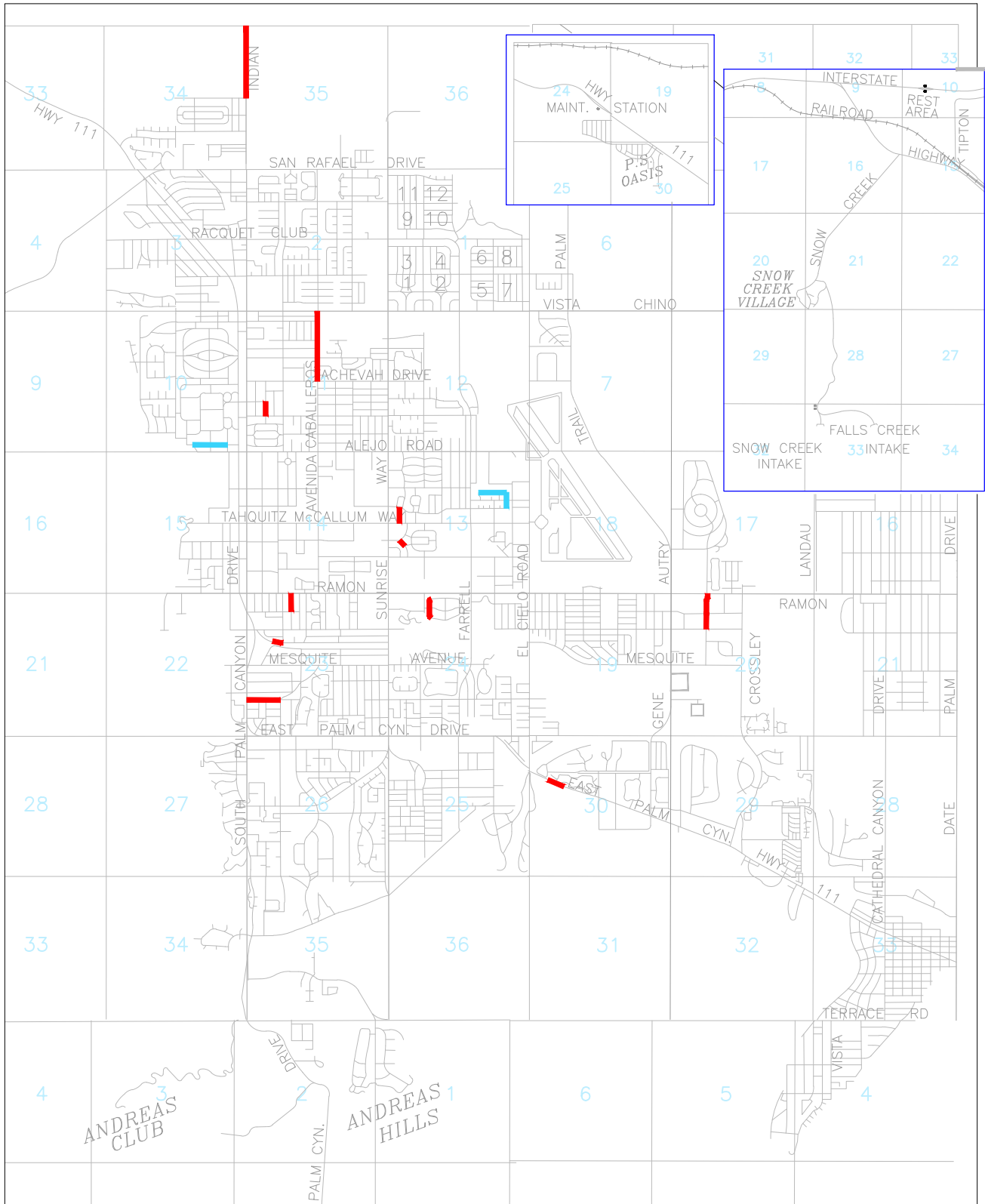
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| January 30, 2019 | Employee Recognition Breakfast |
| January 30, 2019 | Water Service Worker I Interviews |
| January 31, 2019 | Water Service Worker I Interviews |
| February 1, 2019 | State of the Workplace (SHRM Live Virtual Event) |
| February 4, 2019 | Weekly DWA Staff Meeting |
| February 5, 2019 | Operations Technician Trainee Interviews |
| February 5, 2019 | DWA Board Meeting |
| February 6, 2019 | United Way Executive Board Meeting |
| February 7, 2019 | DWAEA Meeting |
| February 12, 2019 | Water Service Worker I Interviews |
| February 13, 2019 | Water Service Worker I Interviews |
| February 19, 2019 | DWA Board Meeting |
| February 19, 2019 | Women United Meeting |
| February 20, 2019 | United Way Board Meeting |
| February 20, 2019 | Webinar: Overcoming the Invisible |
| February 20, 2019 | Webinar: The Employee Experience: 5 Retention Strategies |
| February 26, 2019 | Engineering/Operations Meeting |
| February 28, 2019 | Blood Drive |
| February 28, 2019 | Webinar: The Leadership and HR Actions that Transform |
| February 28, 2019 | Safety Meeting |

| SYSTEM LEAK DATA | | | | | |
|---|-----------------|------------------------|----------------|---------------|-------------------|
| (PERIOD BEGINNING FEBRUARY 13, 2019 THRU FEBRUARY 26, 2019) | | | | | |
| STREET NAME | NUMBER OF LEAKS | PIPE DIAMETER (INCHES) | YEAR INSTALLED | PIPE MATERIAL | PIPE CONSTRUCTION |
| LURING DR | 4 | 4 | 1947 | STEEL | BARE/UNLINED |
| PLAIMOR AVE | 2 | 6 | 1955 | STEEL | BARE/UNLINED |
| AIRLANE DR | 2 | 4 | 1958 | STEEL | BARE/UNLINED |
| AVENIDA CABALLEROS | 2 | 20 | 1949 | STEEL | BARE/UNLINED |
| AVENIDA PALOS VERDES | 2 | 4 | 1954 | STEEL | BARE/UNLINED |
| AVENIDA ELENORA | 2 | 4 | 1946 | STEEL | BARE/UNLINED |
| CHINO DR | 1 | 4 | 1936 | STEEL | BARE/UNLINED |
| SAN LUIS REY DR | 1 | 12 | 1984 | A.C. | N/A |
| * INDIAN CANYON DR | 1 | 8 | 1968 | A.C. | N/A |
| E PALM CANYON DR | 1 | 6 | 1953 | STEEL | BARE/UNLINED |
| SONORA RD | 1 | 6 | 1936 | STEEL | BARE/UNLINED |
| SATURMINO DR | 1 | 4 | 1946 | STEEL | BARE/UNLINED |
| N RIVERSIDE DR | 1 | 4 | 1948 | STEEL | BARE/UNLINED |
| CALLE ABRONIA | 1 | 4 | 1953 | STEEL | BARE/UNLINED |
| TOTAL LEAKS IN SYSTEM: | | 22 | | | |

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

* Contractor damaged main during flood repairs on Indian Canyon Drive (shear break)

| SYSTEM INFORMATION: | |
|---|-----------------|
| *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 |
| <p>* THIS PIPELINE IS BEING REPLACED AS PART OF THE 2018/2019 REPLACEMENT PIPELINES PROJECT.</p> <p>** PLEASE NOTE THIS FIGURE REPRESENTS THE AVERAGE LINEAR FOOTAGE OF PIPELINE REPLACED ANNUALLY GIVEN AN AVERAGE ANNUAL BUDGET OF \$3 MILLION.</p> | |



SYSTEM LEAKS

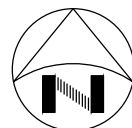
(Period beginning February 13, 2019
thru February 26, 2019)

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
2/19

SCALE
NTS

EXHIBIT
"A"

General Manager's Meetings and Activities

Meetings:

| | | |
|----------|--|------------|
| 02/19/19 | DWA Bi-Monthly Board Meeting | DWA |
| 02/19/19 | SGMA – SGP SB – Monthly Meeting | Conf. Call |
| 02/19/19 | DWA/CVWD/MWD Coordination Meeting | Conf. Call |
| 02/19/19 | DWA Special Board Meeting – Division Voting | DHS |
| 02/20/19 | SWC, CWF Participation/Finance Meeting | SAC |
| 02/20/19 | DWA/MWD/DWR Article 21 re-classification | SAC |
| 02/20/19 | SWC Delta Committee Meetings | SAC |
| 02/20/19 | Policy Meeting | SAC |
| 02/21/19 | D.C. Finance JPA Monthly Board Meeting | SAC |
| 02/21/19 | SWC Monthly Board Meeting | SAC |
| 02/21/19 | SFCWA Board Meeting | SAC |
| 02/21/19 | Sites Reservoir Committee Monthly Meeting | SAC |
| 02/25/19 | Water Rights Hearing | RIV |
| 02/26/19 | Engineering Operations Meeting | DWA |
| 02/26/19 | I.S. Meeting | DWA |
| 02/27/19 | DOI Conference Call – Section 14 Utility Easements | DWA |
| 02/28/19 | Executive Committee Meeting | DWA |
| 03/01/19 | DWA/CVWD Exchange Agreement Amendment | Conf. Call |
| 03/04/19 | DWA/CVWD/MWD Exchange Agreement Amendment | Ont. |
| 03/05/19 | 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 Re-habilitation
- 5) DWA Pilot Remote Meter Reading Fixed Network
- 6) MSWD PRA For Financial Records
- 7) Water Leak at Palm Springs Mall
- 8) Customer Complaint Regarding Shut-Off Notice Verbiage and Policy
- 9) Outreach Talking Points – KESQ
- 10)Whitewater Hydro – Automatic Re-start
- 11)State and Federal Contractors Water Authority and Delta Specific Project Committee (Standing)
- 12)Security Camera Software Upgrade for all facilities
- 13)Cal OSHA Violation Appeal
- 14)DWA Laboratory ELAP Certification
- 15)Whitewater River Surface Water Recharge
- 16)ACBCI Section 14 Facilities & Easements
- 17) Lake Oroville Spillway Damage
- 18) Replacement Pipelines 2018-2019

Activities:
(Cont.)

- 19) CWF – Finance JPA Committee
- 20) DWA/CVWD/MWD Operations Coordination/Article 21/Pool A/Pool B/Yuba Water
- 21) DWA/CVWD/MWD Agreements Meeting Number 7
- 22) SWP 2018 Water Supply
- 23) ACBCI Lawsuits
- 24) Lake Perris Dam Remediation
- 25) Section 14 Pipeline Easements
- 26) DOI Regulation
- 27) Whitewater Hydro Operations Coordination with Recharge Basin O&M
- 28) SGMA Tribal Stakeholder Meetings
- 29) Whitewater Spreading Basins – BLM Permits
- 30) Lake Perris Dam Seepage Recovery Project Participation
- 31) Cal Waterfix Cost Allocation
- 32) DWA Surface Water Filtration Feasibility Study
- 33) MCSB Delivery Updates
- 34) Well 6 Meaders Cleaners RWQB Meetings
- 35) SGMA – Indio Subbasin Classification
- 36) SGMA – San Geronio Pass Subbasin
- 37) Snow Creek Surface Water Filtration Design
- 38) UWMP Population Calculation Update
- 39) RWQCB Update to the SNMP

Minutes
Executive Committee Meeting
February 28, 2019

Directors Present: Joe Stuart, Kristin Bloomer
Staff Present: Mark Krause, Martin Krieger, Steve Johnson

1. Discussion Items

- A. Review Agenda for March 5, 2019 Regular Board Meeting
The proposed agenda for the March 5, 2019 meeting was reviewed.
- B. CSDA Board of Directors Call for Nominations Seat B
Staff provided the Committee with CSDA's notice of Call for Nominations Seat B. It was requested that any Board member interested in serving on the CSDA Board contact Sylvia Baca.
- C. ACWA-JPIA Executive Committee Election
Staff provided the Committee with an endorsement request from Santa Clarita Valley Water Agency for Jerry Gladbach. Staff will contact ACWA-JPIA for further information on this election process.
- D. 2019 Board Conference Schedule
Staff informed the Committee of the Public Officials Certificate Program at the upcoming AWWA conference in Denver. The Committee will see whether any Board Members are interested in participating. If any Board Member chooses to participate in the program, staff will update the schedule to reflect June 8 as a travel date only for this purpose. There was also discussion on revising the travel date for regular attendance to June 9.

2. Other – None

3. Adjourn

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

MARCH 5, 2019

RE: REQUEST ACCEPTANCE OF 2017/2018 REPLACEMENT PIPELINES (VIA MIRALESTE, COTTONWOOD RD, CHUCKWALLA RD, CHAPARRAL RD, RAMON RD, FRANCIS DR, STARR RD, RACQUET CLUB RD, LAUREL CIR, SYCAMORE CIR, DESERT WILLOW CIR, DESERT HOLLY CIR)

The 2017/2018 Capital Improvement Budget included Work Order 17-111 for installation of replacement pipelines in the amount of \$4,005,743.72 (including project engineering, overheads, construction and inspection).

All project work was performed by Borden Excavating, Inc. under Work Order 17-111. A total of 16,002 linear feet of 8" and 12" ductile iron pipe were installed. Additional streets were added to the project via change order due to City of Palm Springs street rehabilitation work activity that resulted in the need for immediate pipeline replacement. The original project completion date was extended to December 21, 2018, as a result of the added streets. The final pipelines were accepted into the system on December 20, 2018. All remaining punch list items and pavement rehabilitation were completed as of February 8, 2019.

The adjusted contract amount is summarized as follows:

| | | |
|-----------------------|----------------|-----------------------|
| Engineer's Estimate | \$2,933,000.00 | |
| Original Contract | \$3,195,525.00 | |
| Change Order #1 | \$27,402.89 | (Construction Delays) |
| Change Order #2 | \$241,652.00 | (Additional Streets) |
| Change Order #3 | \$983.84 | (Construction Delays) |
| | <hr/> | |
| Final Contract Amount | \$3,465,563.73 | |

Contract Change Order No. 1 yielded a net increase in the contract amount as a result of the following items:

1. Construction delays due to water main leaks at several locations while installing services and fire hydrant laterals on Cottonwood Road and Ramon Road.
2. Construction delays due to unknown utility lines not shown on plans.

Contract Change Order No. 2 yielded a net increase in the contract amount as a result of the following item:

1. Addition of 1,286 linear feet of 8" ductile iron pipe and appurtenances on Michelle Rd. and Debby Dr., excluding pavement replacement.

Contract Change Order No. 3 yielded a net increase in the contract amount as a result of the following item:

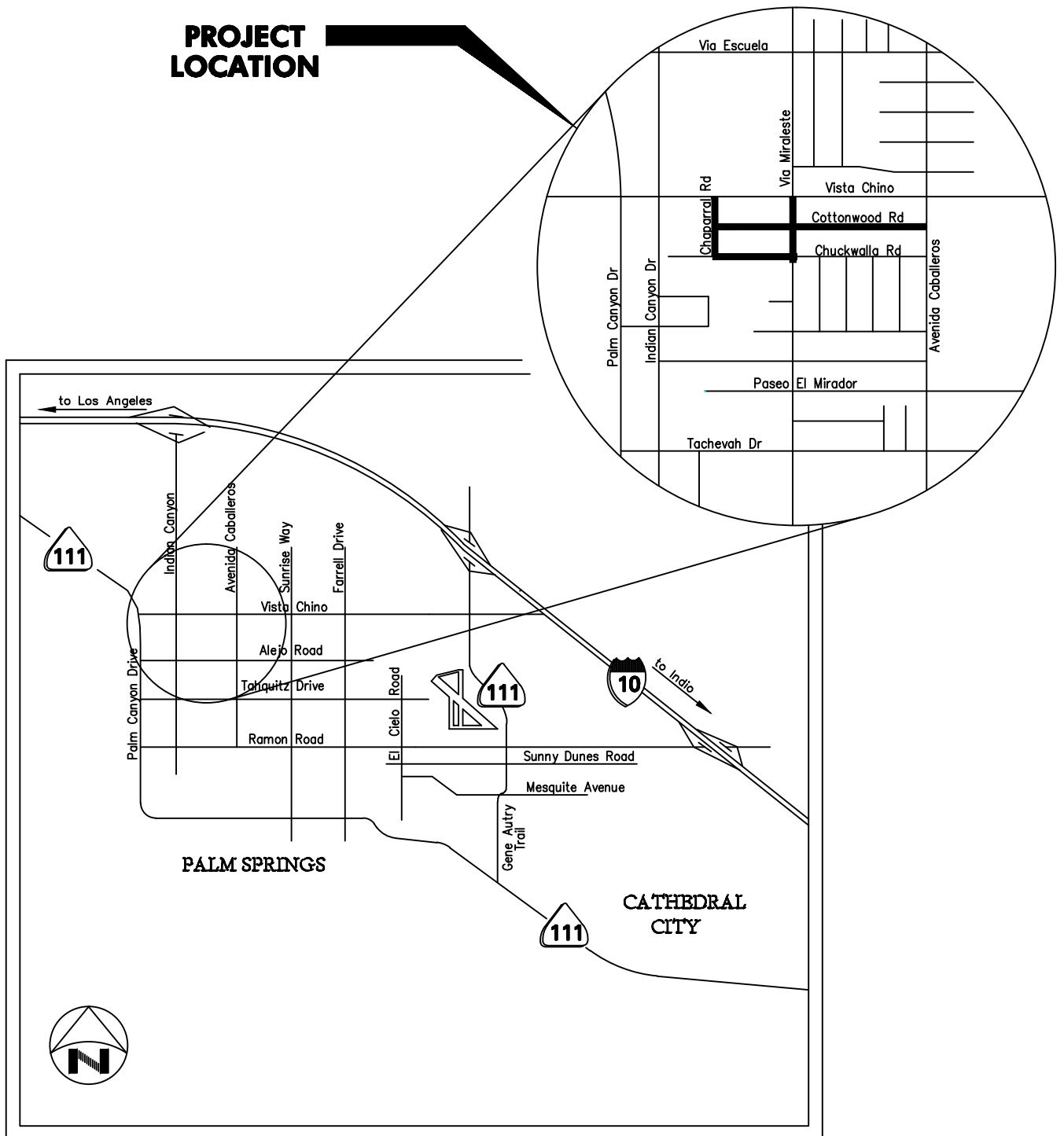
1. Construction delays due to installation of mainline at an extra depth on Michelle Road and Debby Drive due to existing shallow sewer laterals.

To date, no stop notices have been filed with the Agency.

In November 2018, Board approved a budget augmentation in the amount of \$450,000 to cover the costs associated with the addition of Michelle Road and Debbie Drive pipeline installations. The final budget amount of \$4,005,743.72 included the November augmentation and transfer of conservation and 2016/2017 replacement pipeline funds. Currently, the total costs are approximately \$42,000 over the final budget amount or 1.1%.

Staff recommends the Board accept said work in the amount of \$3,465,563.73. Subsequent to Board acceptance, a Notice of Completion will be filed and the Agency will make final payment to Borden Excavating, Inc. Thereafter, following the lien period, the Agency will release retained funds to Borden Excavating, Inc.

PROJECT LOCATION

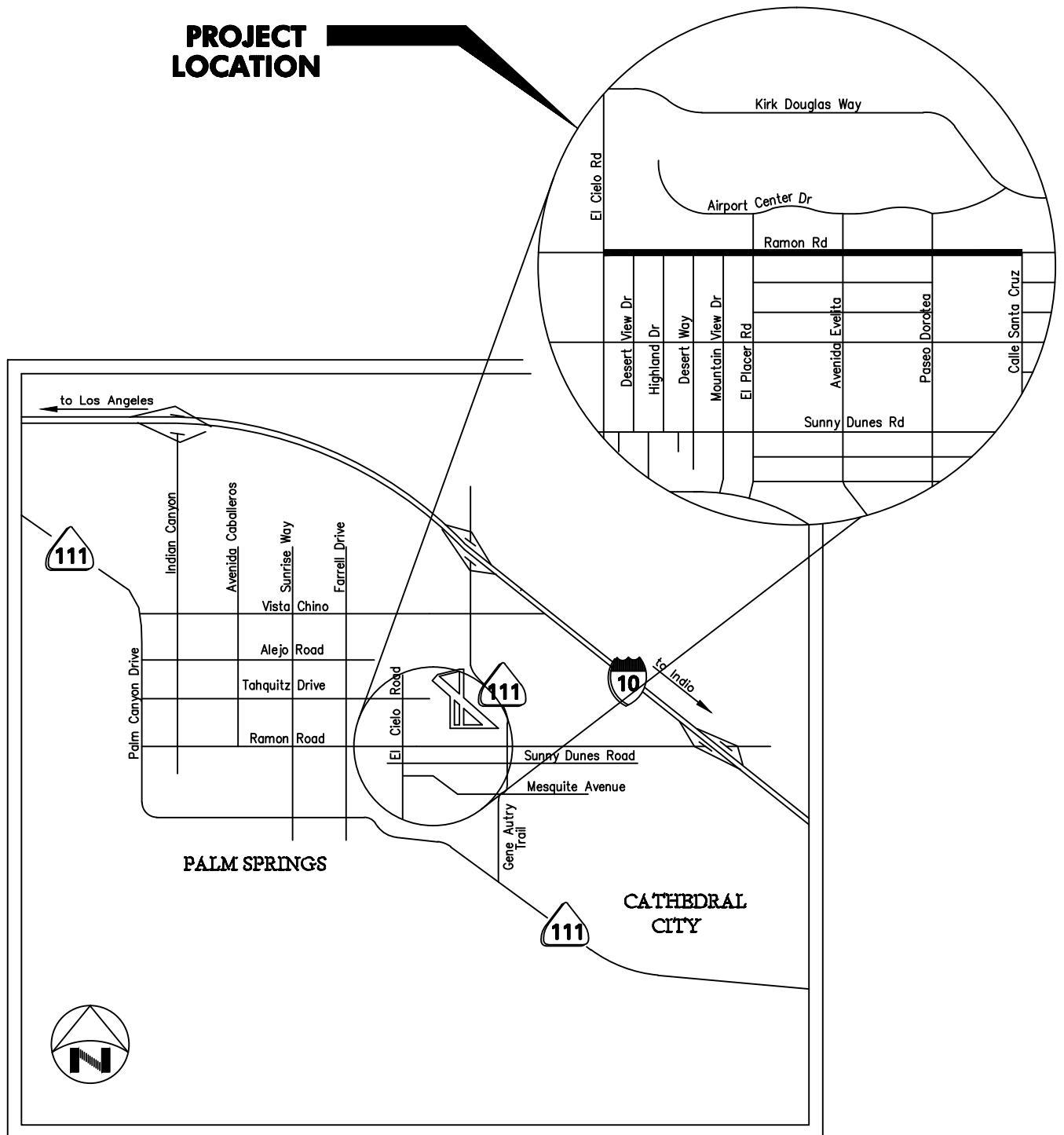


LOCATION MAP

NOT TO SCALE

| | | | | |
|---|----------------|--------------|-----------------|--------------------|
| FY 2017/2018 | DWG. BY CW | DATE 1/18 | SCALE N.T.S. | W.O. NO. 17-111 |
| REPLACEMENT PIPELINES | APP'D BY MK | REVISED | PERMIT | FILE NO. |
| AREA 1 | CHK'D BY DT | | | SHEET 1 OF 4 |
| DESERT WATER AGENCY PALM SPRINGS, CALIFORNIA | | | | |

PROJECT LOCATION

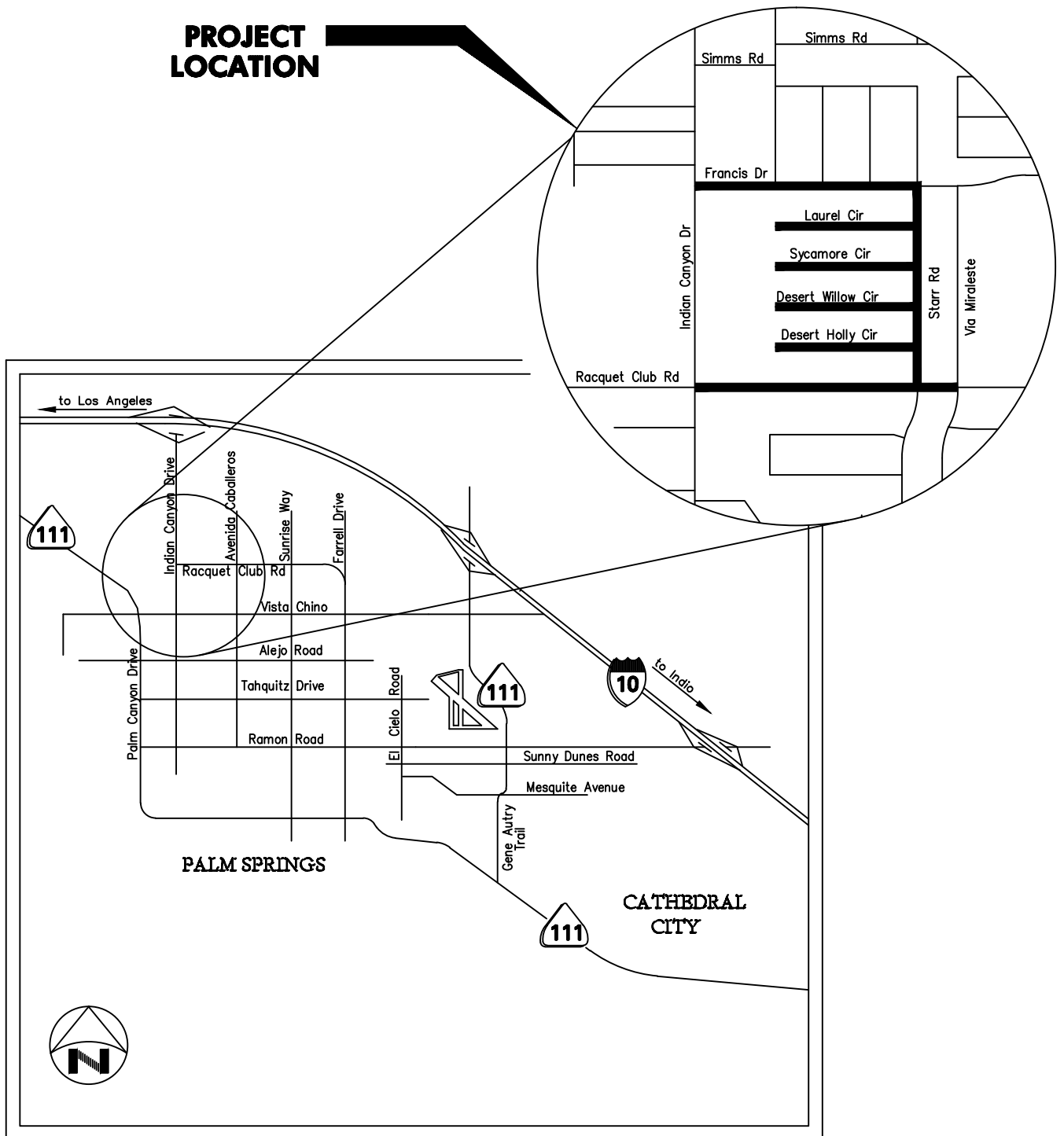


LOCATION MAP

NOT TO SCALE

| | | | | |
|---|----------------|--------------|-----------------|--------------------|
| FY 2017/2018 | DWG. BY CW | DATE 1/18 | SCALE N.T.S. | W.O. NO. 17-111 |
| REPLACEMENT PIPELINES | APP'D BY MK | REVISED | PERMIT | FILE NO. |
| AREA 2 | CHK'D BY DT | | | SHEET 2 OF 4 |
| DESERT WATER AGENCY PALM SPRINGS, CALIFORNIA | | | | |

PROJECT LOCATION

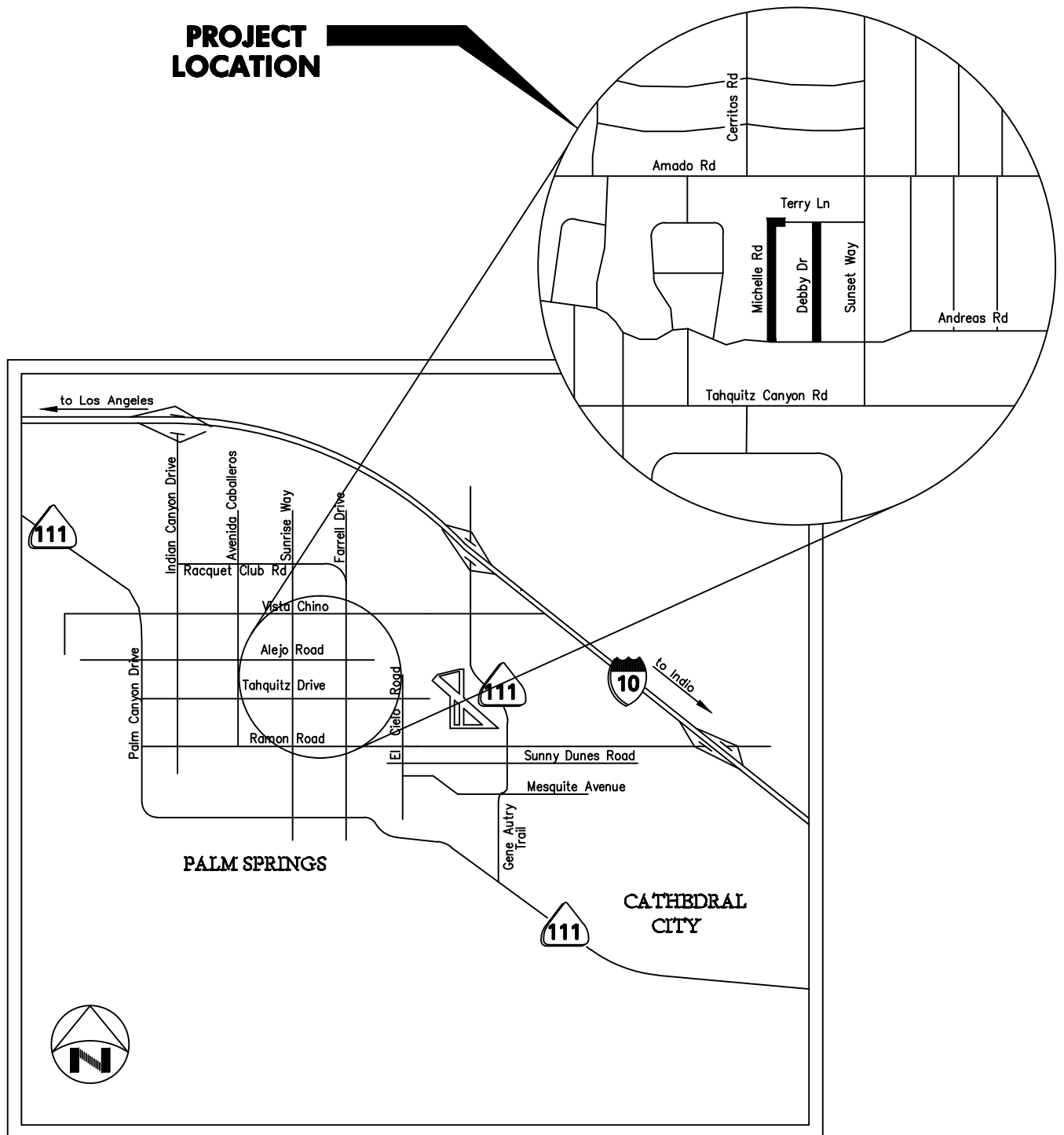


LOCATION MAP

NOT TO SCALE

| | | | | |
|--|-----------------------|---------------------|------------------------|---------------------------|
| FY 2017/2018 | DWG. BY CW | DATE 1/18 | SCALE N.T.S. | W.O. NO. 17-111 |
| REPLACEMENT PIPELINES | APP'D BY MK | REVISED | PERMIT | FILE NO. |
| AREA 3 | CHK'D BY DT | | | SHEET 3 OF 4 |
| DESERT WATER AGENCY PALM SPRINGS, CALIFORNIA | | | | |

PROJECT LOCATION



LOCATION MAP

NOT TO SCALE

| | | | | |
|---------------------------------|-----------------------|---------------------|------------------------|---------------------------|
| FY 2017/2018 | DWG. BY ML | DATE 2/19 | SCALE N.T.S. | W.O. NO. 17-111 |
| REPLACEMENT PIPELINES | APP'D BY MK | REVISED | PERMIT | FILE NO. |
| AREA 4 (ADD-ON STREETS) | CHK'D BY DT | | | SHEET 4 OF 4 |
| DESERT WATER AGENCY | | | | |
| PALM SPRINGS, CALIFORNIA | | | | |

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

MARCH 5, 2019

**RE: REQUEST BOARD ACTION REGARDING A CLAIM FOR
DAMAGES FILED BY BRANDON AKERS**

Attached for the Board's review is a claim form submitted to the Agency by Brandon Akers on February 19, 2019.

Mr. Akers claims on February 6 while his plumber turned the water off, the pipe leaked due to corrosion. He claims that the Agency did not take proper care or service that caused the leak. He is seeking \$738.75; the amount the Agency charged his account to repair the broken service.

Mr. Akers initially experienced a leak near the meter box on the customer side of the plumbing. During the repair, the plumber attempted to shut off the Agency's angle meter stop valve on the Agency's side of the meter. This broke the Agency's valve and pipe fitting causing a leak on the Agency's side of the meter.

Staff requests that the Board deny the claim for damages filed by Brandon Akers and forward to ACWA-JPIA for their handling.

Claim Form

(A claim shall be presented by the claimant or by a person acting on his behalf.)

RECEIVED

FEB 19 2019

NAME OF DISTRICT: DESERT WATER AGENCY

DESERT WATER AGENCY
MANAGEMENT

1

Claimant name, address (mailing address if different), phone number, [REDACTED], e-mail address, and date of birth.

Effective January 1, 2010, the Medicare Secondary Payer Act (Federal Law) requires the District/Agency to report all claims involving payments for bodily injury and/or medical treatments to Medicare. As such, if you are seeking medical damages, we **MUST** have both your Social Security Number and your date of birth.

Name: Brandon Akers

Phone Number: (425)508-1369

Address(es): 1055 E San Jacinto Way

Date of Birth:

E-mail: b.akers@omaconstruction.com

2

List name, address, and phone number of any witnesses.

Name:

Address:

Phone Number: ()

3

List the date, time, place, and other circumstances of the occurrence or transaction, which gave rise to the claim asserted.

Date: 02/09/2019

Time: 11:00pm

Place: 1055 E San Jacinto Way

Tell What Happened (give complete information):

The plumber turned off the water and the pipe leaked due to the corrosion. See photos.

Ashley Metzger stated there would be a bill to me for \$738.75 even though the pipe was heavily corroded and needed to be mitigated/repaired. Please note the leak was on the street side of the meter which DWA is responsible for.

NOTE: Attach any photographs you may have regarding this claim.

4

Give a general description of the indebtedness, obligation, injury, damage, or loss incurred so far as it may be known at the time of presentation of the claim.

I request abatement of the \$738.75 charge against my account.

5

Give the name or names of the public employee or employees causing the injury, damage, or loss, if known.

Debt only.

6

The amount claimed if it totals less than ten thousand dollars (\$10,000) as of the date of presentation of the claim, including the estimated amount of any prospective injury, damage or loss, insofar as it may be known at the time of the presentation of the claim, together with the basis of computation of the amount claimed. If the amount claimed exceeds ten thousand dollars (\$10,000), no dollar amount shall be included in the claim. However, it shall indicate whether the claim would be a limited civil case.

\$738.75

Date: 02/13/2019 Time:

12:04pm

Signature:

ANSWER ALL QUESTIONS. OMITTING INFORMATION COULD MAKE YOUR CLAIM LEGALLY INSUFFICIENT!

Brandon Akers

From: Brandon Akers <b.akers@omaconstruction.com>
Sent: Wednesday, February 13, 2019 9:13 AM
To: 'ashley@dwa.org'
Attachments: Water Service.pdf

Good Morning Ashley,

Sorry we haven't been able to connect via phone.

I spoke with my plumber and ACME Property Managers yesterday regarding the incident.

It does sound like the plumber turned off the water and your side of the pipe started leaking at the elbow coupler.

I severely disagree with the \$738.00 DWA plans to back charge me for this. As you can see in the photo, the elbow at the service input was extremely corroded. It is matter of factly that the service would've started leaking no matter who turned the water off regardless of how much care was taken. That stated, this would've have needed to be addressed by DWA regardless and therefore a back charge is not appropriate. I am in fact paying for all the excavation costs and rehab costs that would've been bared by DWA in fixing the corroded service therefore I find it troubling you are attempting to backcharge me..

I request that you reconsider the back charge and we can drop this matter.

I appreciate your consideration and help through this process.

Thank you,

Brandon M. Akers
Vice President
OMA Construction, Inc.

(206)-262-1721 Ext. 103 Office

www.omaconstruction.com



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Phone (760) 323-4971

DESERT WATER AGENCY

A Public Agency

1200 GENE AUTRY TRAIL SOUTH

P.O. BOX 1710

PALM SPRINGS, CALIFORNIA 92263-1710

February 8,

19
20

Name **Brandon Akers**

Address **11235 Upper Preston RD SE
Issaquah, WA 98027**

13798 \$ 738.75

15471

**PLEASE REFER TO
INVOICE NUMBER
WHEN PAYING BILL**

| QUANTITY | UNITS | DESCRIPTION | PRICE | AMOUNT |
|----------|-------|--|------------|----------|
| | | Cost to repair broken service @ 1055 E. San Jacinto Way in Palm Springs, CA on February 6, 2019. | | |
| | | Account # (4411-0944) | | |
| | | AMOUNT TO BE APPLIED TO WATER ACCOUNT AFTER 30 DAYS LATE FEES MAY APPLY | | |
| | | | Total Due: | \$738.75 |

FORM 109 (Rev. 4/00)

Acknowledged by: _____

White - Customer's Copy / Yellow - Engineering Copy / Gold - Accounting Copy / Green - Field Copy / Pink - Superintendent Copy

February 21, 2019

MEMORANDUM

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

FROM: BEST BEST & KRIEGER LLP

RE: FEBRUARY 21, 2019 MEETING OF THE BOARD OF DIRECTORS OF THE
STATE WATER CONTRACTORS

The February 21, 2019 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. Pursuant to consistent practice recently, the Board began the meeting with a closed session discussion with legal counsel regarding pending litigation and administrative matters. Although the substance of those discussions should not be shared publicly, we can disclose that a significant portion of the conversation involved the Governor's recent announcement of his decision to "down size" the CalWaterFix Delta Improvement Project from two tunnels to only one tunnel. His announcement did not disclose the details of a down sized project, leaving open questions regarding capacity, Contractor participation, and whether existing environmental documents cover the reduced project or will require revisions. These details will need to be further clarified.

2. Board Actions. In open session, the SWC Board took action to approve three expenditures, including an expenditure of up to \$10,205 for a contract with the consulting firm of ICF to teach users how to run a new application to monitor the loss and salvage of salmon and steelhead, an expenditure of up to \$25,000 to replace the SWC computer server as part of a technology upgrade, and a payment of \$50,000 to the Water Foundation to help facilitate the voluntary settlement agreement process to resolve environmental and water supply issues in the Delta.

3. Business Process Objectives Update. There was a lengthy report on the progress in addressing business process objectives for the year. The overall objective has been to address and monitor DWR's financial management of the State Water Project. One specific objective has been to refine financial projections each year, including overhead cost allocations. More than 65% of the overhead costs for 50% of the reaches are indirect overhead costs. DWR has been projecting these overhead costs without allocating them to specific reaches of the SWP in the advance billing process, and then DWR subsequently makes the allocations of indirect costs by specific reach, which can cause wide swings in actual costs incurred compared to projected costs that had been billed to the Contractors. Thus, actual costs have varied widely from initial projections billed by DWR. An effort is underway to get DWR to project indirect overhead costs by reach, so that the initial bills are more closely in line with actual costs allocated to each Contractor.

The discussion also revealed that the spillway repair costs at Lake Oroville will result in an increase in the Delta water rate component of \$5.69 per acre foot through the currently remaining term of the Contract (2035). There was also some discussion of the "audit matrix" project in which protest items arising from the annual audit are subsequently resolved with DWR. Recall that the Contractors have been executing tolling agreements to allow time for these protest items to be negotiated and resolved. We are currently in our seventh amendment to the tolling agreement to extend time, and soon it will be necessary to execute an eighth amendment to further extend time. Currently there are 191 total audit findings that remain open and need to be resolved. Each year DWR is clearing some of those items but more are also added each year.

The discussion also addressed the dilemma that DWR normally issues bonds with 30 year terms, but that long term bonds cannot be issued by DWR currently because the Contract extension still has not become effective and there are only 16 years remaining on the current Contract. This produces a financial compression issue that will greatly increase annual charges by DWR until the term of the Contract is finally extended. All 29 Contractors must sign the Contract extension amendment by July 1, 2019, in order for it to become effective on January 1, 2020. Some of the Contractors are declining execution of the Contract extension amendment until the CalWaterFix tunnel improvement project participation issues are resolved.

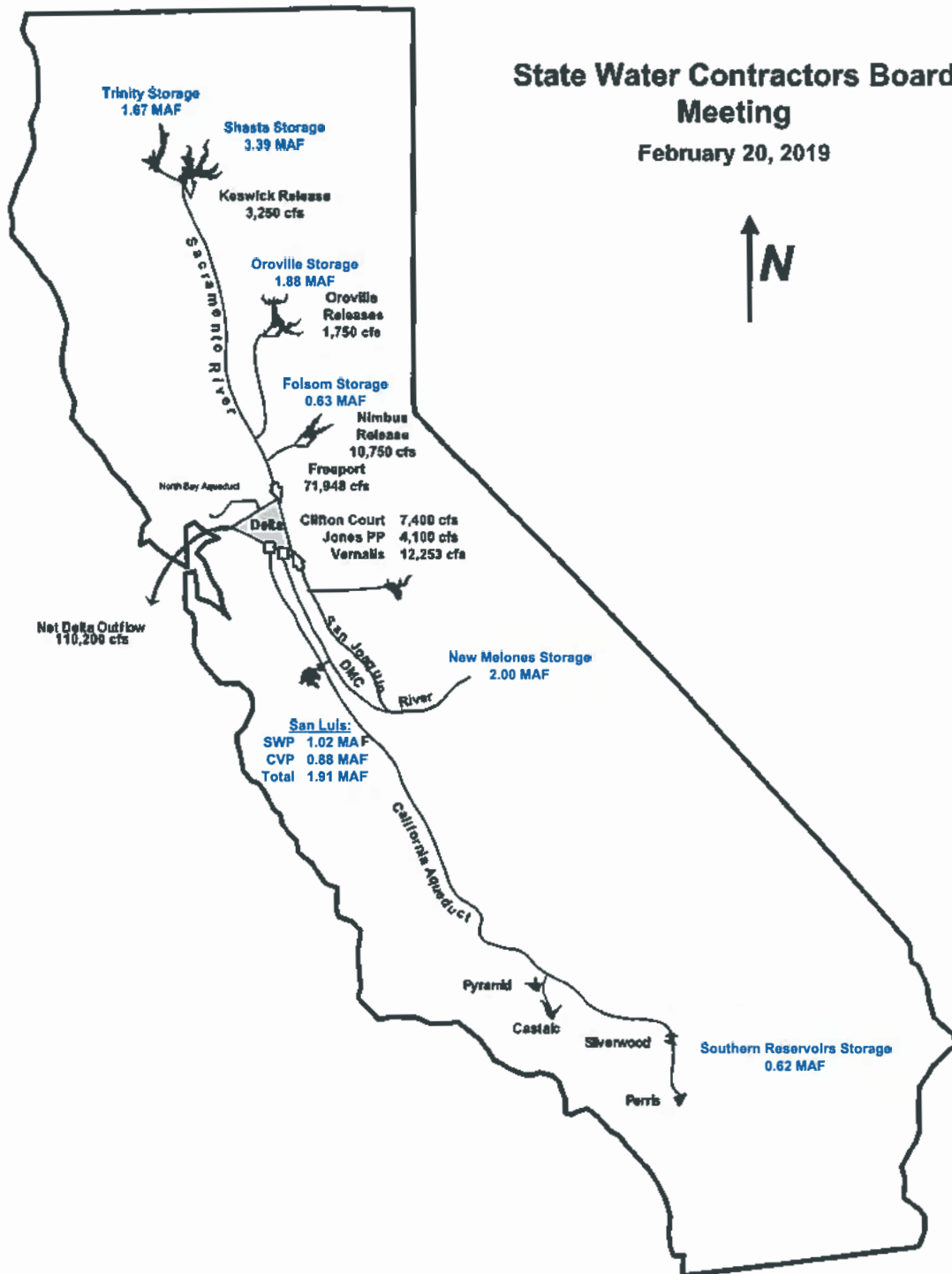
4. SWP Operations Report. The current water year started out very dry, with a December that was far below average, but precipitation in January and February more than made up for that deficit. As of the date of the meeting, precipitation in the Northern Sierra was at 118% of average, precipitation in the San Joaquin Region was at 134% of average, and precipitation in the Tulare Region was at 128% of average. Snowpack was significant, already exceeding the April 1 average throughout the State. Storage at Lake Oroville was recovering, and as of the date of the meeting was at 1.9 million acre feet, which was 78% of average for that date. 700,000 acre feet of storage in Lake Oroville remained available before encroaching on flood control space. With the recent precipitation and snowfall levels, Lake Oroville is quickly recovering. Flows into and through the Delta were high and DWR was exporting water at the rate of 7,400 cubic feet per second while still meeting water quality and other regulatory standards in the Delta. The San Luis Reservoir was full, and in fact DWR began delivering Article 21 water beginning on the Monday prior to the SWC Board meeting. It was noted that 500,000 acre feet of carryover water remained in the San Luis Reservoir as of the date of the meeting, but was being spilled. Meanwhile, DWR has increased the 2019 allocation from 15% to 35%.

5. Draft Budget. A preliminary draft of the SWC budget was circulated and discussed. The SWC is projecting that the actual expenses this year will come in approximately \$2 million under budget, and one of the questions to be decided is whether to carry over that money into the next budget year, or instead to reduce the dues to draw down that amount. The Budget Committee is anticipating a need for increased revenue in the Dues Fund of about \$387,000, primarily to cover outreach expenses that are anticipated in the upcoming year. In the Energy Fund, the committee is looking at reduced needs of approximately \$73,000, primarily because of reduced consulting costs. And in the Bay-Delta Fund, the committee is looking at an increased need of approximately \$10,000 to cover additional staffing costs.

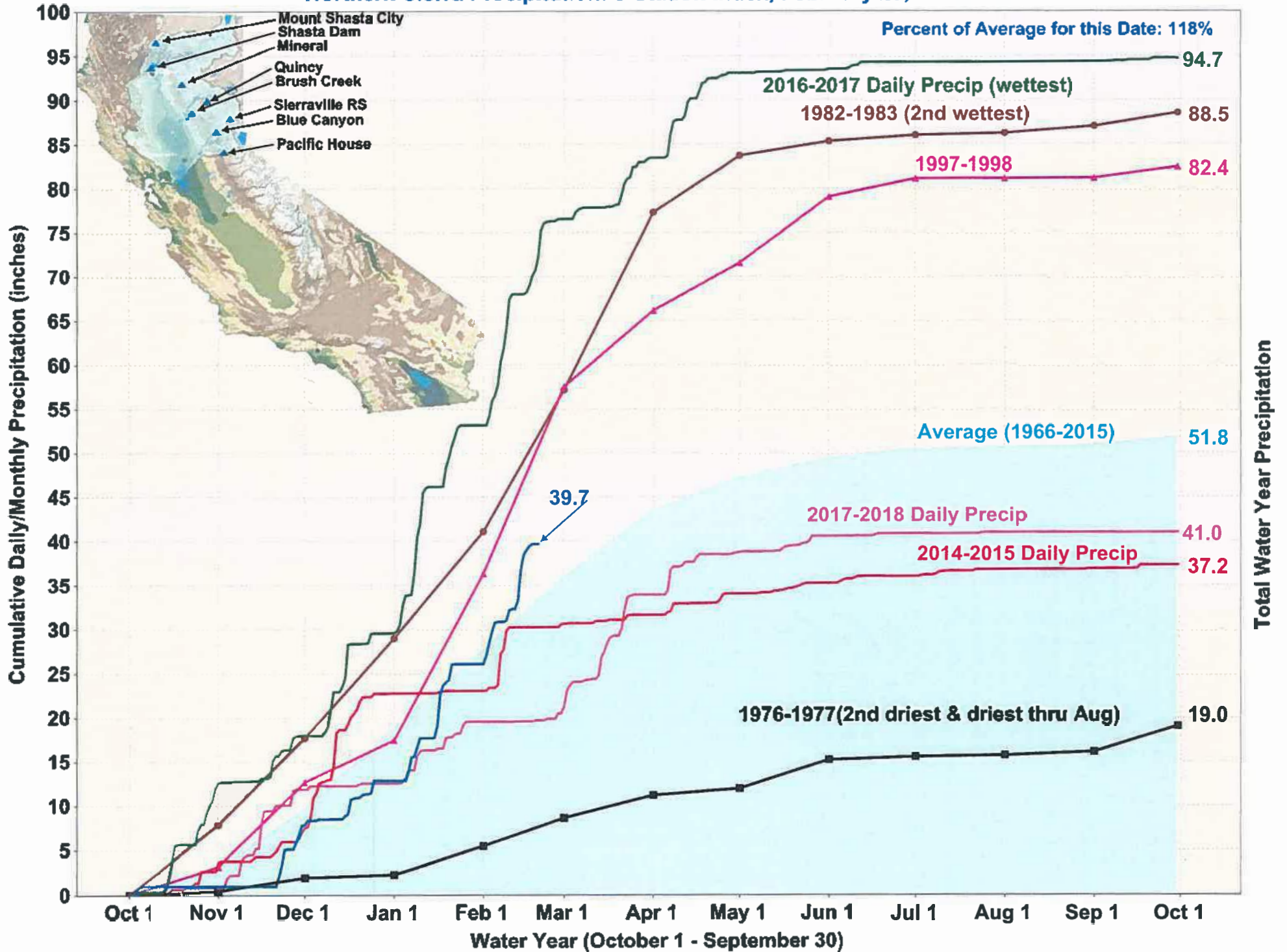
MICHAEL T. RIDDELL

State Water Contractors Board Meeting

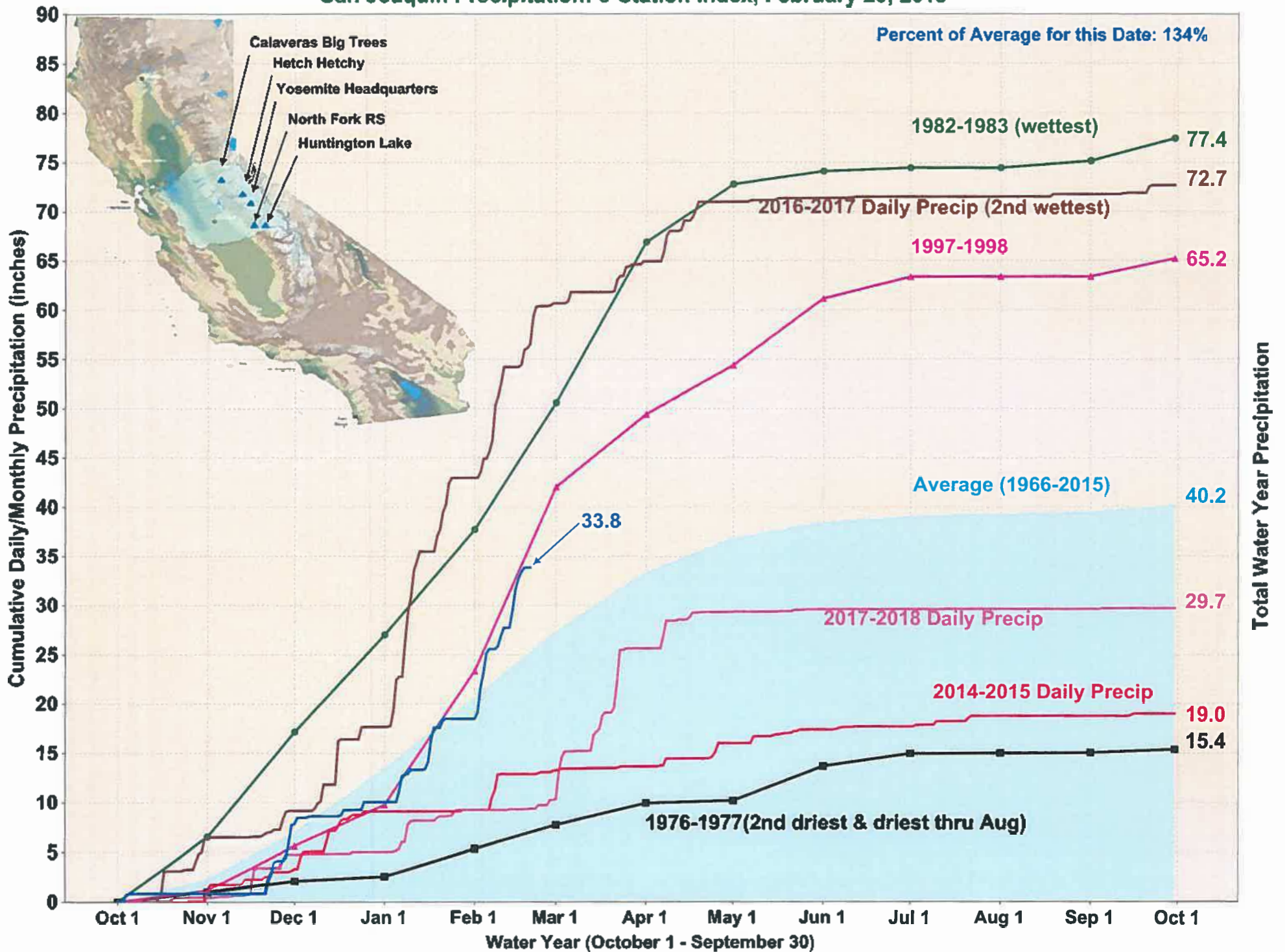
February 20, 2019



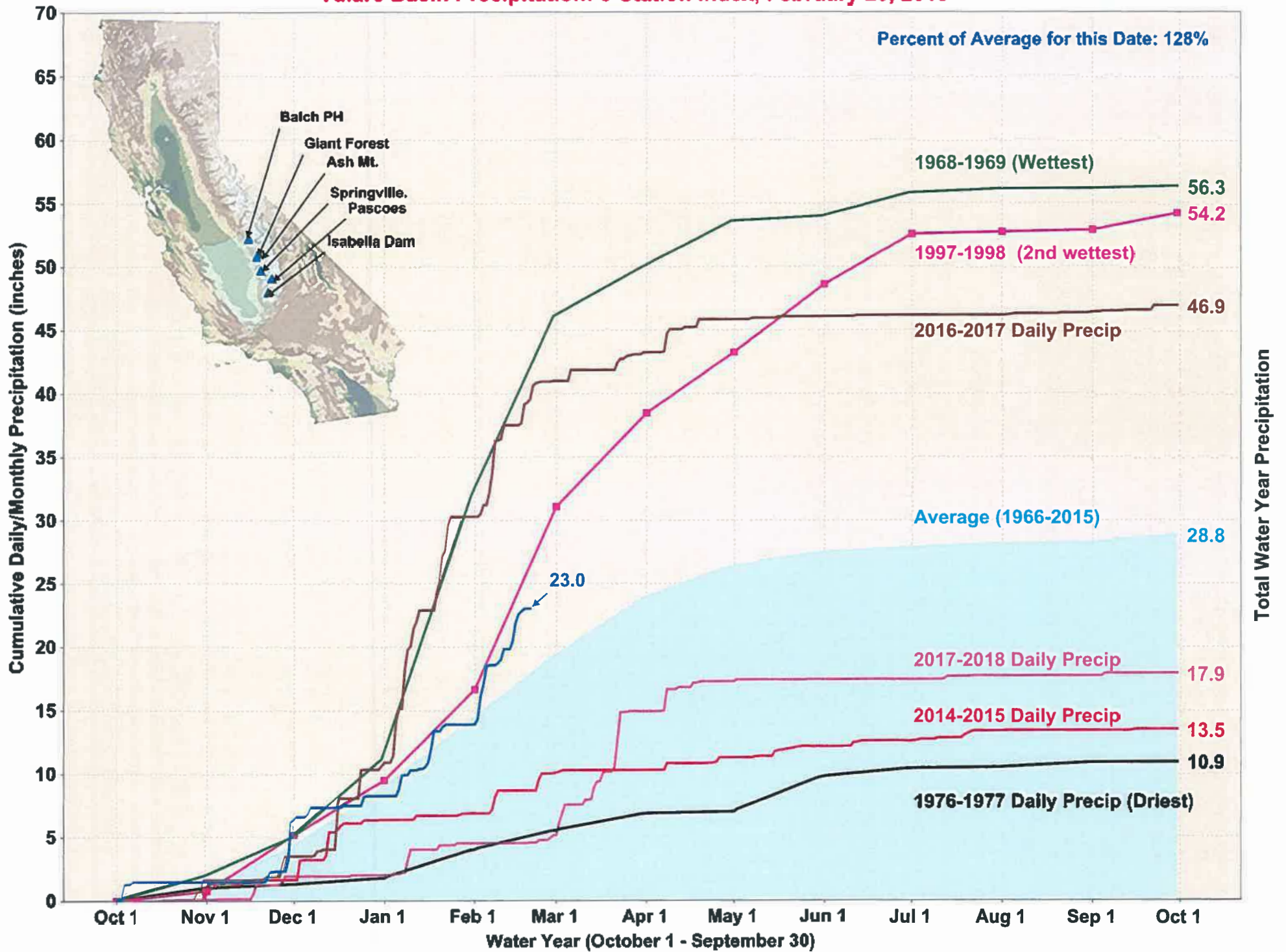
Northern Sierra Precipitation: 8-Station Index, February 20, 2019



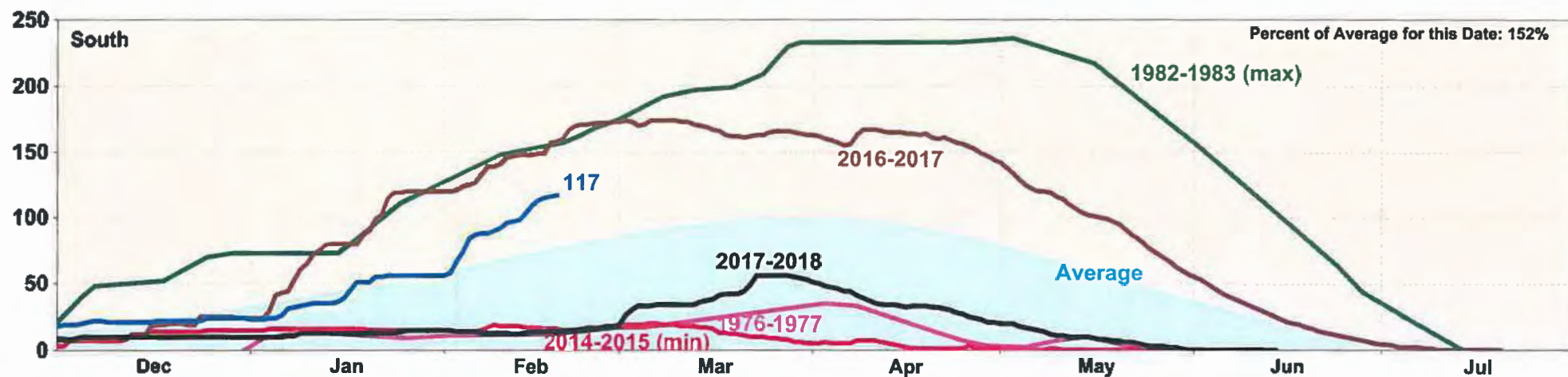
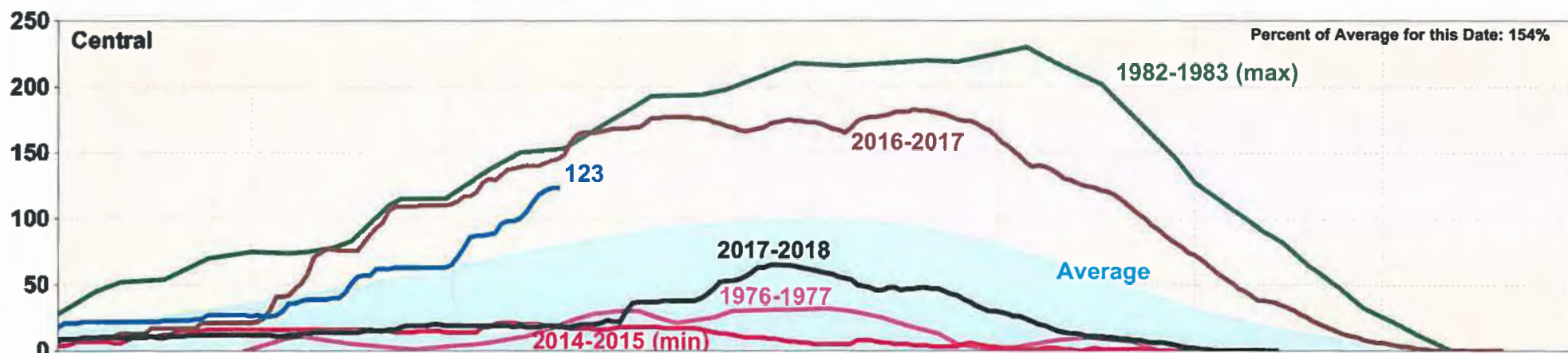
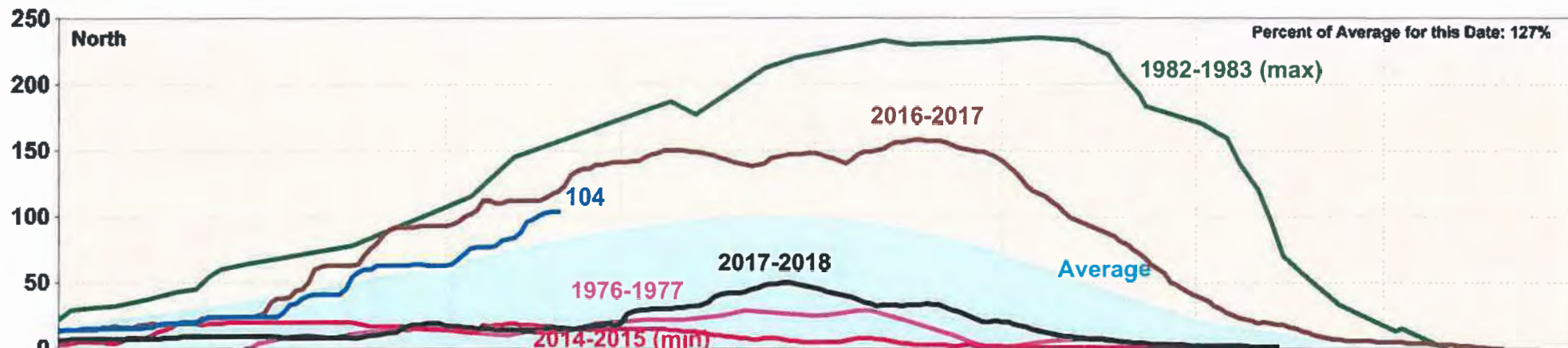
San Joaquin Precipitation: 5-Station Index, February 20, 2019



Tulare Basin Precipitation: 6-Station Index, February 20, 2019



California Snow Water Content, February 19, 2019, Percent of April 1 Average



Statewide Percent of April 1: 116%

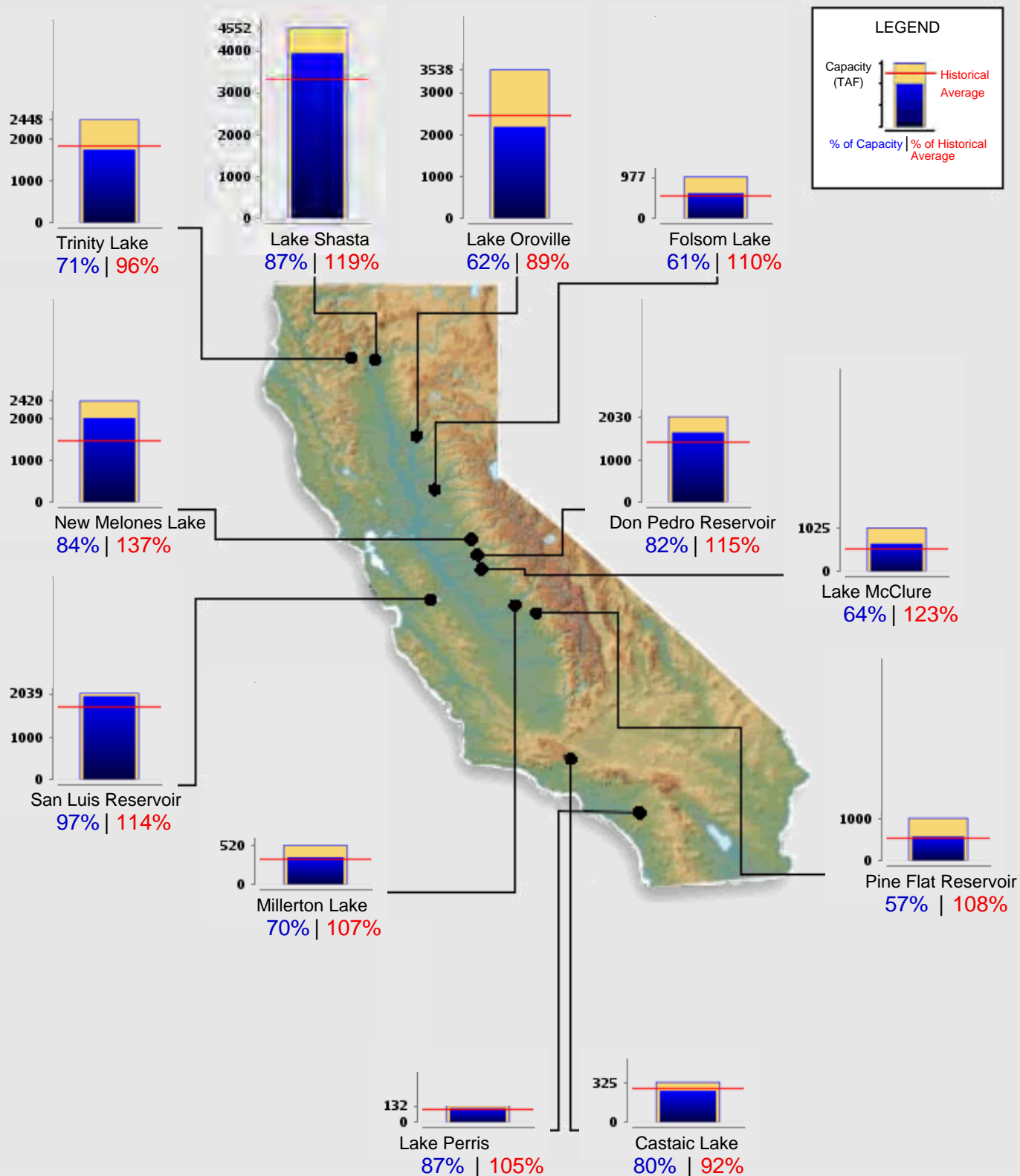
Statewide Percent of Average for Date: 146%



Reservoir Conditions

Ending At Midnight - February 28, 2019

CURRENT RESERVOIR CONDITIONS



FY2018-19 Business Processes Objectives

State Water Contractors
February 21, 2019



Business Process Objectives

To Promote and Monitor the financial management of the State Water Project to preserve the long-term delivery of affordable water.

OBJECTIVES:

| | | |
|-----------------------------------|--|---|
| Functions of Financial Management | 1. Budgets | Monitor and promote DWR's development and management of a SWP budget to minimize annual variances and optimize reasonable revenue requirements |
| | 2. Financial Projections | Monitor and promote DWR's analysis, development and management of SWP's cost trends to maximize operational readiness at an optimal cost level ensuring long-term affordability |
| | 3. Financial Resources, Revenue Requirements, and Investments | Monitor and assess DWR's State Water Project financial performance with regard to operational goals, budgets, financial targets, and forecasts to maximize use of available revenues and optimize determination of revenue requirement |
| | 4. SWRDS Capital Development and Investment in Capital Infrastructure | Monitor and assess DWR's State Water Project capital infrastructure goals, budgets, financial targets, and forecasts to maximize debt financing and investment ensuring stable and level capital revenue requirements |
| | 5. Business Process Control Activities and Environment | Monitor and promote DWR's internal control directives, activities and environment to minimize financial risk, ensure financial integrity and maintain reporting reliability |
| | 6. Cash-flow | Monitor and promote DWR's development and management of a SWP cash-flow statement(s) and business process to ensure short-term and long-term SWP cash availability regardless of project purpose |

Business Processes Initiatives

| Objectives | Initiatives |
|---|--|
| 1. Budgets | 1.1 Review Budget Projections Submitted by Divisions 1.2 Review Budget vs. Actual Comparison Reports |
| 2. Financial Projections | 2.1 Work Plan Scoping Budget/Forecasting Process 2.2 Forecasting O&M and Variable Projections |
| 3. Financial Resources, Revenue Requirements, and Investments | 3.1 Annual Statement of Charges Preparation 3.2 Review Annual Calculation of 51(a) Revenue 3.3 Review Uses and Investment of 51(a) Revenues 3.4 Review the 51(a) 5-Year Review Report 3.5 Research Contract & Recommend Reimbursement Process 3.6 Updating and Standardizing Alpha Allocations |
| 4. SWRDS Capital Development and Investment in Capital Infrastructure | 4.1 Capital Financing/Funding Plan for SWRDS Facilities 4.2 Review Capital Facilities Account 4.3 Review Water System Revenue Bond Issuances 4.4 Develop SRA and SSA Account Review Processes |
| 5. Business Process Control Activities and Environment | 5.1 Audit Findings 5.2 Audit Matrix 5.3 Cost-Debt Service Reconciliation Project 5.4 Reporting 5.5 Scoping Recommendation for CFM Work Plan 5.6 Review Freeze-Go Billing Implementation and Processes 5.7 Identify and Prioritize Projects affected by completion of Cost-Debt Service Reconciliation Project 5.8 Develop processes and reports to transition Divisional Budgets to SOC Estimates |
| 6. Cash-flow | 6.1 Review Quarterly Cash-flow Report |

State Water Contractors
Business Processes

February 21, 2019

3

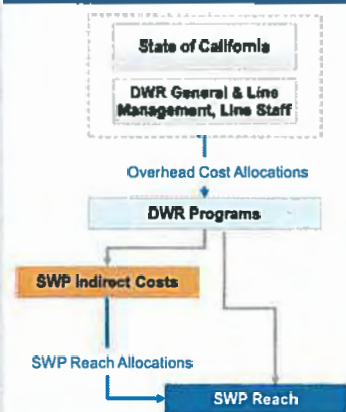
SWP Reach Allocations

ALPHA COST CENTER PROJECT

2.2

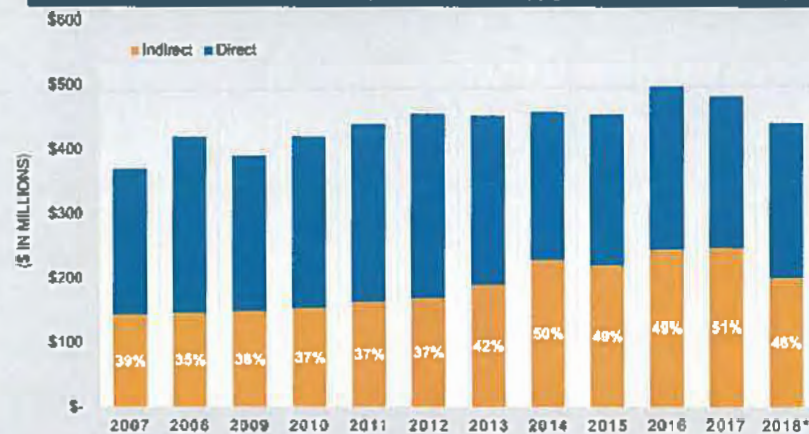
- Approximately half of the SWP Reaches have at least 65% of actual costs resulting from an Indirect Cost Allocation
- 64% of the 2019 cost projections and 69% of the 2020 cost projections are planned as Indirect Costs

Allocations



State Water Contractors
Business Processes

Actual Minimum Reach Costs (includes Water Supply, Flood Control and FWER)



* CY2018 is only a partial year, data as of Dec. 4, 2018

February 21, 2019

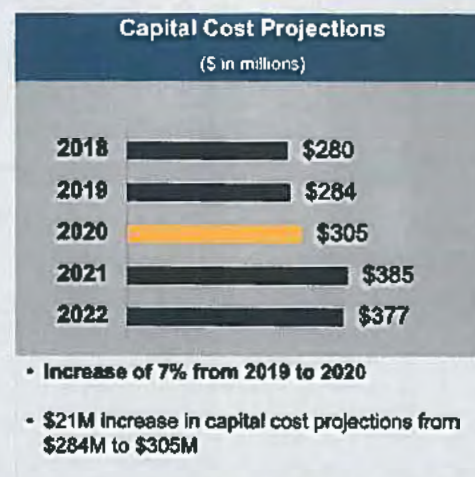
4

Addressing Affordability

- **Goal:** Financial management at the SWP Aqueduct Reach to provide affordability, responsibility and accountability of the Contractor's cumulative reach charges
- **Joint DWR/Contractor effort to define the "Process of Affordability"**
- **Two Critical Concepts (impact future affordability)**
 1. SWP Reach Allocations (Alpha Cost Centers)
 2. SWP Reach Budgeting, Reach Management, Reach Reporting
- **Timeline: WIP**
 - Joel has expressed a desire to have a strategy and affordability meeting. SWPAO is currently developing information in preparation for this meeting.
 - AF Committee has requested a list of outstanding critical accounting and financial projects/tasks. Workgroup is beginning the process of listing and developing priority criteria. First workgroup meeting is March 1.
 - Small SWC workgroup developing approach to inform SWP Policy/Board on "Process of Affordability" and Reach Management Concept

Cost Projections for B132-19

2.5% or \$23M Overall reduction in cost projections from CY2019 of \$932M to CY2020 \$909M
(Excludes Oroville Spillway)



Minimum Cost Projections for B132-19

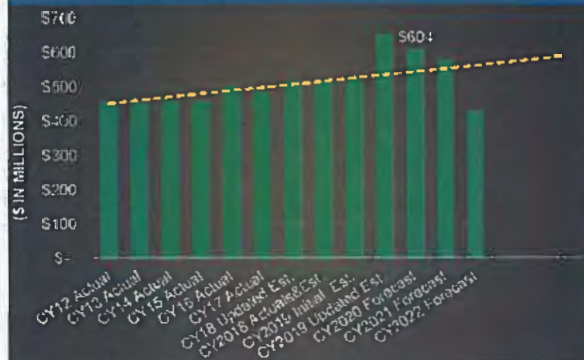
2019 Updated Estimates: Increased by 25% or \$129M from \$519M to \$648M (SWPAO's estimated increase ~ \$70M)

2020 Cost Estimates: Decreased by 7% or \$44M from 2019 updated projections of \$648M to \$604M

Concern: 2020 minimum cost estimates are not trending with actuals costs or the update 2019 cost estimates

Question: Will this result in another material increase in the 2020 estimates 6 months after the SOC are issued in July 2019?

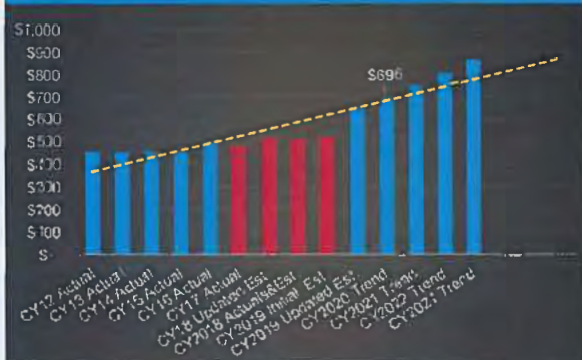
SWP Minimum Cost Projections (Excludes Oroville Spillway)



State Water Contractors
Audit Finance Committee

February 21, 2019

Forecast Trend excluding anomalies 2017-18, CAGR really 7.33%



7

Cost Projections Impact on Annual Statement of Charges

- Each Statement of Charges attempts to make the Department whole or to ensure Full Cost Recovery from 1960 to 2035

- Updates are made to prior year estimates (2019)
- Updates are made to prior prior year estimates, transition from estimates to actuals (2018)
- Updates to historical actuals (1960 -2017)

| | 2018 SOC | 2019 SOC | 2020 SOC | 2021 SOC |
|---|----------|----------|----------|----------|
| CY: 2018 | | | | |
| INITIAL Estimated Charges | \$556M | | | |
| UPDATED Estimated Charges [Prior Year] | | \$514M | | |
| ACTUAL Costs ... (CY not closed) [Prior Prior Year] | | | \$509M | |
| CY: 2019 | | | | |
| INITIAL Estimated Charges | | \$519M | | |
| UPDATED Estimated Charges [Prior Year] | | | \$648M | |
| ACTUAL Costs ... (CY not closed) [Prior Prior Year] | | | | \$XXXM |

State Water Contractors
Business Processes

February 21, 2019

8

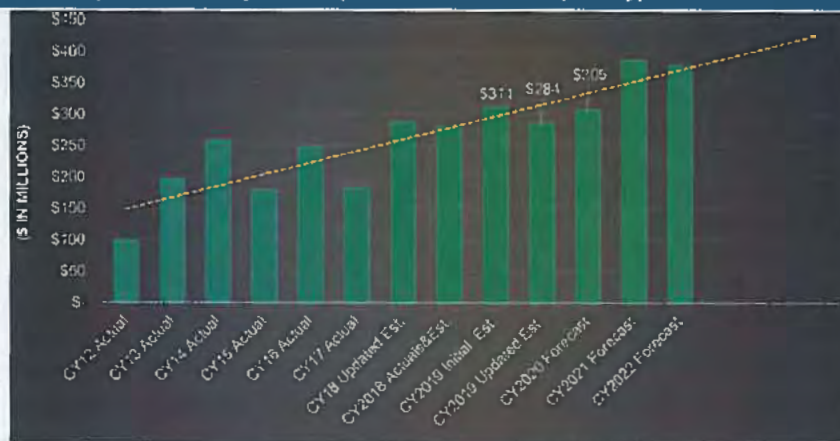
Capital Cost Projections for B132-19

2020 SWP Projected Capital Costs Total \$305M

Highlights

- 2019 updated projections decreased by 9% or \$27M from \$311M to \$284M
- 2020 projections of \$305M increased by 7% or \$21M from 2019 updated projections of \$284M
- Long-term annual construction inflation rate is 3.5%
- DWR-SWP Capital Cost 5-Year CAGR is 5.48%

SWP Capital Cost Projections (Excludes Oroville Spillway)



State Water Contractors
Audit Finance Committee

February 21, 2019

9

Lake Oroville Spillways Emergency Recovery Project

(\$ in Millions)

- As of the 2020 SOC, \$275M in Oroville Spillway costs included in SOC, increasing the Delta Water Rate Capital by ~\$5.69/AF
- Fixed rate bonds will be issued with 18 to 17 year final maturity
- Benefits:
 1. Reduces exposure to future increases in interest rates
 2. Reduces total debt service
 3. Increases commercial paper capacity for financing ongoing and emergency capital costs

Estimated Project Costs:

| Project/Sub-Projects | Total Estimated Costs | FEMA Reimb. | Sub-Total |
|------------------------------------|-----------------------|-------------|--------------|
| Emergency Response | 160 | 120 | 40 A |
| Emergency Recovery: | | | |
| Lower Gated Spillway | 200 | | 200 B |
| Emergency Spillway | 250 | | 250 |
| Gated Spillway - Upper Portion | 250 | | 250 |
| Gated Spillway - Control Structure | 240 | | 240 |
| Total | 1,100 | 120 | 980 |

| | |
|----------|------------------------------------|
| A | \$40M Included in 2019 SOC |
| B | \$940M x 25% = \$235M |
| | \$235M Included in 2020 SOC |

State Water Contractors
Business Processes

February 21, 2019

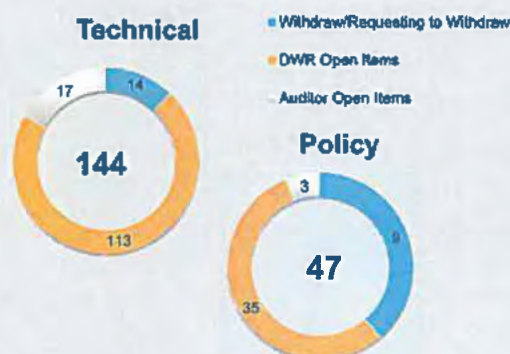
10

Audit Findings and Audit Matrix Project

CONTRACTORS' PROJECT OBJECTIVES:

Enhance Processes to

1. Closeout audit findings
2. Address internal control weaknesses that can increase contractors' financial risk



| Priority | Source of Protest Item | |
|----------|------------------------------------|-------------------------|
| | Richardson | IAA |
| 1 | WSRB Surcharge Correction | Alpha Allocation Cycles |
| 2 | East Branch Enlargement Allocation | Invoice/Cost Movement |
| 3 | Power | Rate Management Credits |
| 4 | Contract retentions double billing | Master Data |
| 5 | Oroville flood control adjustment | South Bay Aqueduct |

State Water Contractors
Business Processes

February 21, 2019

11

Revenue Bond Financing

COMMERCIAL PAPER LINE (\$1.4 billion)

- Water System Facilities - Approved Commercial Paper Line is \$600 million
- Oroville Dam Spillways Emergency - Approved Commercial Paper Line is \$800 million

BOND ISSUANCE

- In October 2018, DWR issued bond series AZ totaling \$215M to:
 1. Refund existing revenue bonds \$86M
 2. Finance outstanding Water System's commercial paper of \$84M
 3. Finance outstanding Oroville Emergency Response commercial paper of \$45M
- Net Present Value Savings: ~ \$2.5M or 2.26%

State Water Contractors
Business Processes

February 21, 2019

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Contract Extension Amendment

5.6

CE Amendment

- Extending Contract Term to 2085
- Chief Financial Manager (CFM)
- Financial Advisory Committee
- Eliminates Financing Compression
- Simplification of Billing to "Pay-Go"

Implementation:

- **DWR Director on December 11, 2018:**
 - Signed Contract Extension (CE) Amendment with The Metropolitan Water District of Southern California
- **Effective Date (with Litigation):**
 - DWR and 24 contractors with an aggregate maximum annual Table A amount exceeding 3,950,000 AF have or have committed to execute amendment
 - And have agree in writing to waive any limitation barring the Contract Extension Amendment from taking effect
- **Billing Transition Date:**
 - January 1 of calendar year starting 6 months after the **Effective Date**

State Water Contractors
Business Processes

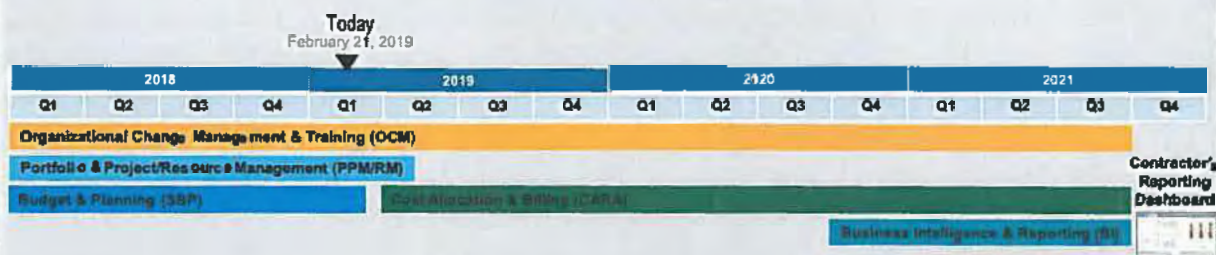
February 21, 2019

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Financial Management Enhancement Program (FMEP)

5.4

- A group of five complimentary projects to:
 - improve DWR's overall budget and planning efforts
 - additional billing and recovery functionality
 - add DWR data warehouse to consolidate reporting
 - provide reporting tools to increase flexibility throughout DWR



State Water Contractors
Business Processes

February 21, 2019

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Questions

Julie Ramsay
Theresa Lightle

State Water Contractors

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

MARCH 5, 2019

**RE: ANNUAL REPORTING OF BACK-UP FACILITY AND CAPACITY
CHARGES**

Attached for the Board's review are summaries of the Back-up Facility Charge and Capacity Charge. The Agency collects these charges when a new service connection is made to the water distribution, reclaimed or sewer systems. The amounts collected are used to off-set Agency capital expenditures on production, storage and transmission of water. Also included are reclaimed water, sewer collection and transmission facilities.

The Agency has been advised by legal counsel that it is not necessary to produce this report on an annual basis, as the Capital Expenditures exceed the fees collected (when this condition exists, there are no funds to segregate or interest to account for separately as Government Code requires in a situation where fees collected are greater than expenditures for Capital Improvements). However, it is prudent to continue submitting an annual report to the Board in order to show the amounts expended during the year on projects for which the fees were collected, as well as the beginning and ending balances. As the attached summaries indicate, since this reporting requirement began with the 1988-89 fiscal year, Desert Water Agency has expended more funds on potable, sewer, and reclaimed water facilities than actual amounts collected.

Staff's intent is to not only report this information to the Board, but to also make it available to the public upon request.

A copy of the analysis was sent to the Building Industry Association (BIA) and Desert Valleys Builders Association (DVBA). They have both reviewed and approved the analysis and agreed with the report.

DESERT WATER AGENCY
Water Service
Backup Facility Charge Summary

| Fiscal Year | Beginning Balance | Fees Collected | Capital Expenditures | Interest Earned | Ending Balance |
|-------------|-------------------|----------------------|------------------------|-----------------|------------------------|
| 1988/1989 | \$ - | \$ 283,665 | \$ (1,105,664) | \$ - | \$ (821,999) |
| 1989/1990 | \$ (821,999) | \$ 246,640 | \$ (27,479) | \$ - | \$ (602,838) |
| 1990/1991 | \$ (602,838) | \$ 157,005 | \$ (921,486) | \$ - | \$ (1,367,319) |
| 1991/1992 | \$ (1,367,319) | \$ 167,250 | \$ (1,981,296) | \$ - | \$ (3,181,365) |
| 1992/1993 | \$ (3,181,365) | \$ 44,285 | \$ (12,325) | \$ - | \$ (3,149,405) |
| 1993/1994 | \$ (3,149,405) | \$ 52,300 | \$ (551,426) | \$ - | \$ (3,648,531) |
| 1994/1995 | \$ (3,648,531) | \$ 76,590 | \$ (1,582,064) | \$ - | \$ (5,154,005) |
| 1995/1996 | \$ (5,154,005) | \$ 104,680 | \$ (1,282,271) | \$ - | \$ (6,331,596) |
| 1996/1997 | \$ (6,331,596) | \$ 81,660 | \$ (22,324) | \$ - | \$ (6,272,260) |
| 1997/1998 | \$ (6,272,260) | \$ 98,410 | \$ (137,782) | \$ - | \$ (6,311,632) |
| 1998/1999 | \$ (6,311,632) | \$ 158,840 | \$ (3,383,470) | \$ - | \$ (9,536,262) |
| 1999/2000 | \$ (9,536,262) | \$ 263,778 | \$ (23,329) | \$ - | \$ (9,295,813) |
| 2000/2001 | \$ (9,295,813) | \$ 267,580 | \$ (4,837) | \$ - | \$ (9,033,070) |
| 2001/2002 | \$ (9,033,070) | \$ 172,850 | \$ (889,827) | \$ - | \$ (9,750,047) |
| 2002/2003 | \$ (9,750,047) | \$ 334,440 | \$ (1,847,631) | \$ - | \$ (11,263,238) |
| 2003/2004 | \$ (11,263,238) | \$ 1,277,190 | \$ (1,299,480) | \$ - | \$ (11,285,528) |
| 2004/2005 | \$ (11,285,528) | \$ 3,393,467 | \$ (2,154,904) | \$ - | \$ (10,046,965) |
| 2005/2006 | \$ (10,046,965) | \$ 1,287,940 | \$ (2,059,507) | \$ - | \$ (10,818,532) |
| 2006/2007 | \$ (10,818,532) | \$ 2,218,549 | \$ (3,300,220) | \$ - | \$ (11,900,203) |
| 2007/2008 | \$ (11,900,203) | \$ 603,536 | \$ (781,382) | \$ - | \$ (12,078,049) |
| 2008/2009 | \$ (12,078,049) | \$ 181,840 | \$ (7,741,281) | \$ - | \$ (19,637,490) |
| 2009/2010 | \$ (19,637,490) | \$ 90,820 | \$ (1,083,717) | \$ - | \$ (20,630,387) |
| 2010/2011 | \$ (20,630,387) | \$ 138,080 | \$ (965,570) | \$ - | \$ (21,457,877) |
| 2011/2012 | \$ (21,457,877) | \$ 396,420 | \$ (2,437,821) | \$ - | \$ (23,499,278) |
| 2012/2013 | \$ (23,499,278) | \$ 481,060 | \$ (1,300,211) | \$ - | \$ (24,318,429) |
| 2013/2014 | \$ (24,318,429) | \$ 657,460 | \$ (353,989) | \$ - | \$ (24,014,958) |
| 2014/2015 | \$ (24,014,958) | \$ 680,110 | \$ (3,768,248) | \$ - | \$ (27,103,096) |
| 2015/2016 | \$ (27,103,096) | \$ 574,675 | \$ (2,952,328) | \$ - | \$ (29,480,749) |
| 2016/2017 | \$ (29,480,749) | \$ 939,845 | \$ (2,087,213) | \$ - | \$ (30,628,117) |
| 2017/2018 | \$ (30,628,117) | \$ 841,190 | \$ (4,850,776) | \$ - | \$ (34,637,703) |
| | | | | | |
| | Totals | \$ 16,272,155 | \$ (50,909,858) | \$ - | \$ (34,637,703) |

BACK-UP FACILITY REVENUE SUMMARY

WATER SERVICE

| YEAR | TOTAL REVENUE | CUMULATIVE BALANCE |
|------------------|---------------|----------------------|
| | | |
| FISCAL 1988/1989 | \$ 283,665 | \$ 283,665 |
| FISCAL 1989/1990 | \$ 246,640 | \$ 530,305 |
| FISCAL 1990/1991 | \$ 157,005 | \$ 687,310 |
| FISCAL 1991/1992 | \$ 167,250 | \$ 854,560 |
| FISCAL 1992/1993 | \$ 44,285 | \$ 898,845 |
| FISCAL 1993/1994 | \$ 52,300 | \$ 951,145 |
| FISCAL 1994/1995 | \$ 76,590 | \$ 1,027,735 |
| FISCAL 1995/1996 | \$ 104,680 | \$ 1,132,415 |
| FISCAL 1996/1997 | \$ 81,660 | \$ 1,214,075 |
| FISCAL 1997/1998 | \$ 98,410 | \$ 1,312,485 |
| FISCAL 1998/1999 | \$ 158,840 | \$ 1,471,325 |
| FISCAL 1999/2000 | \$ 263,778 | \$ 1,735,103 |
| FISCAL 2000/2001 | \$ 267,580 | \$ 2,002,683 |
| FISCAL 2001/2002 | \$ 172,850 | \$ 2,175,533 |
| FISCAL 2002/2003 | \$ 334,440 | \$ 2,509,973 |
| FISCAL 2003/2004 | \$ 1,277,190 | \$ 3,787,163 |
| FISCAL 2004/2005 | \$ 3,393,467 | \$ 7,180,630 |
| FISCAL 2005/2006 | \$ 1,287,940 | \$ 8,468,570 |
| FISCAL 2006/2007 | \$ 2,218,549 | \$ 10,687,119 |
| FISCAL 2007/2008 | \$ 603,536 | \$ 11,290,655 |
| FISCAL 2008/2009 | \$ 181,840 | \$ 11,472,495 |
| FISCAL 2009/2010 | \$ 90,820 | \$ 11,563,315 |
| FISCAL 2010/2011 | \$ 138,080 | \$ 11,701,395 |
| FISCAL 2011/2012 | \$ 396,420 | \$ 12,097,815 |
| FISCAL 2012/2013 | \$ 481,060 | \$ 12,578,875 |
| FISCAL 2013/2014 | \$ 657,460 | \$ 13,236,335 |
| FISCAL 2014/2015 | \$ 680,110 | \$ 13,916,445 |
| FISCAL 2015/2016 | \$ 574,675 | \$ 14,491,120 |
| FISCAL 2016/2017 | \$ 939,845 | \$ 15,430,965 |
| FISCAL 2017/2018 | \$ 841,190 | \$ 16,272,155 |

CAPITAL ADDITIONS

BACK-UP FACILITIES - WATER

| YEAR | TOTAL EXPENDITURE | CUMULATIVE TOTAL |
|-------------------------|-------------------|---------------------|
| 1988/89 THRU 1996/97 | \$ 7,486,335 | \$7,486,335 |
| FISCAL 1997/1998 | \$ 137,782 | \$7,624,117 |
| FISCAL 1998/1999 | \$ 3,383,470 | \$11,007,587 |
| FISCAL 1999/2000 | \$ 23,329 | \$11,030,916 |
| FISCAL 2000/2001 | \$ 4,837 | \$11,035,753 |
| FISCAL 2001/2002 | \$ 889,827 | \$11,925,580 |
| FISCAL 2002/2003 | \$ 1,847,631 | \$13,773,211 |
| FISCAL 2003/2004 | \$ 1,299,480 | \$15,072,691 |
| FISCAL 2004/2005 | \$ 2,154,904 | \$17,227,595 |
| FISCAL 2005/2006 | \$ 2,059,507 | \$19,287,102 |
| FISCAL 2006/2007 | \$ 3,300,220 | \$22,587,322 |
| FISCAL 2007/2008 | \$ 781,382 | \$23,368,704 |
| FISCAL 2008/2009 | \$ 7,741,281 | \$31,109,985 |
| FISCAL 2009/2010 | \$ 1,083,717 | \$32,193,702 |
| FISCAL 2010/2011 | \$ 965,570 | \$33,159,272 |
| FISCAL 2011/2012 | \$ 2,437,821 | \$35,597,093 |
| FISCAL 2012/2013 | \$ 1,300,211 | \$36,897,304 |
| FISCAL 2013/2014 | \$ 353,989 | \$37,251,293 |
| FISCAL 2014/2015 | \$ 3,768,248 | \$41,019,541 |
| FISCAL 2015/2016 | \$ 2,952,328 | \$43,971,869 |
| FISCAL 2016/2017 | \$ 2,087,213 | \$46,059,082 |
| | | |
| FISCAL 2017/2018 | | |
| 15-150-B (11152) | \$ 1,077,905 | \$47,136,987 |
| 03-552-W-43 (11151) | \$ 1,738,423 | \$48,875,410 |
| 16-183-C-31 (11160) | \$ 31,806 | \$48,907,216 |
| 16-185-C-40 (11160) | \$ 27,519 | \$48,934,735 |
| 05-570--08 (11171) | \$ 11,654 | \$48,946,389 |
| 05-570--16 (11171) | \$ 709,782 | \$49,656,171 |
| 17-300--08 (11171) | \$ 85,214 | \$49,741,385 |
| 13-810--08 (11171) | \$ 169,877 | \$49,911,262 |
| 14-806--08 (11171) | \$ 22,320 | \$49,933,582 |
| 14-806--12 (11171) | \$ 612,472 | \$50,546,054 |
| 15-805--08 (11171) | \$ 172,093 | \$50,718,147 |
| 15-806--08 (11171) | \$ 69,323 | \$50,787,470 |
| 15-806--12 (11171) | \$ 122,388 | \$50,909,858 |
| | | |

FISCAL 2017/2018 CAPITAL ADDITION DESCRIPTIONS:

| | |
|-------------|--|
| 15-150-B | Zone 1240 - Booster - Desert Palisades - New Booster |
| 03-552-W-43 | Pumping Plant - Well #46 (Oasis) - New Well Site |
| 16-183-C-31 | Well #31 - Chlorine Injection - New Chlorine Injection |
| 16-185-C-40 | Well #40 - Chlorine Injection - New Chlorine Injection |
| 05-570--08 | 8" Main - Desert Palisades - New Main Installation |
| 05-570--16 | 16" Main - Desert Palisades - New Main Installation |
| 17-300--08 | 8" Main - Emergency replacement/upsizing - New Upsized Main @ Sarah Street |
| 13-810--08 | 8" Main - Escena Tract 32233-6 - New Main Installation |
| 14-806--08 | 8" Main - Desert Palisades - New Main Installation |
| 14-806--12 | 12" Main - Desert Palisades - New Main Installation |
| 15-805--08 | 8" Main - Skye Tract - New Main Installation |
| 15-806--08 | 8" main - The District Tract 36747 - New Main Installation |
| 15-806--12 | 12" Main - The District Tract 36747 - New Main Installation |

DESERT WATER AGENCY
Reclamation Water Service
Backup Facility Charge Summary

| Fiscal Year | Beginning Balance | Fees Collected | Capital Expenditures | Interest Earned | Ending Balance |
|--------------------|--------------------------|-----------------------|-----------------------------|------------------------|------------------------|
| 1988/1989 | \$ - | \$ - | \$ (8,496,895) | \$ - | \$ (8,496,895) |
| 1989/1990 | \$ (8,496,895) | \$ 96,193 | \$ (28,934) | \$ - | \$ (8,429,636) |
| 1990/1991 | \$ (8,429,636) | \$ - | \$ - | \$ - | \$ (8,429,636) |
| 1991/1992 | \$ (8,429,636) | \$ - | \$ (37,793) | \$ - | \$ (8,467,429) |
| 1992/1993 | \$ (8,467,429) | \$ - | \$ - | \$ - | \$ (8,467,429) |
| 1993/1994 | \$ (8,467,429) | \$ - | \$ (19,190) | \$ - | \$ (8,486,619) |
| 1994/1995 | \$ (8,486,619) | \$ - | \$ (21,123) | \$ - | \$ (8,507,742) |
| 1995/1996 | \$ (8,507,742) | \$ - | \$ (3,545,644) | \$ - | \$ (12,053,386) |
| 1996/1997 | \$ (12,053,386) | \$ - | \$ (49,258) | \$ - | \$ (12,102,644) |
| 1997/1998 | \$ (12,102,644) | \$ - | \$ (33,313) | \$ - | \$ (12,135,957) |
| 1998/1999 | \$ (12,135,957) | \$ - | \$ (177,863) | \$ - | \$ (12,313,820) |
| 1999/2000 | \$ (12,313,820) | \$ - | \$ (28,864) | \$ - | \$ (12,342,684) |
| 2000/2001 | \$ (12,342,684) | \$ - | \$ (1,207,954) | \$ - | \$ (13,550,638) |
| 2001/2002 | \$ (13,550,638) | \$ - | \$ (339,383) | \$ - | \$ (13,890,021) |
| 2002/2003 | \$ (13,890,021) | \$ - | \$ (38,056) | \$ - | \$ (13,928,077) |
| 2003/2004 | \$ (13,928,077) | \$ - | \$ (522,373) | \$ - | \$ (14,450,450) |
| 2004/2005 | \$ (14,450,450) | \$ - | \$ (50,211) | \$ - | \$ (14,500,661) |
| 2005/2006 | \$ (14,500,661) | \$ - | \$ (25,173) | \$ - | \$ (14,525,834) |
| 2006/2007 | \$ (14,525,834) | \$ - | \$ (4,198,092) | \$ - | \$ (18,723,926) |
| 2007/2008 | \$ (18,723,926) | \$ - | \$ (1,935,892) | \$ - | \$ (20,659,818) |
| 2008/2009 | \$ (20,659,818) | \$ - | \$ (180,517) | \$ - | \$ (20,840,335) |
| 2009/2010 | \$ (20,840,335) | \$ - | \$ (45,005) | \$ - | \$ (20,885,340) |
| 2010/2011 | \$ (20,885,340) | \$ - | \$ (55,067) | \$ - | \$ (20,940,407) |
| 2011/2012 | \$ (20,940,407) | \$ - | \$ (4,973,063) | \$ - | \$ (25,913,470) |
| 2012/2013 | \$ (25,913,470) | \$ - | \$ - | \$ - | \$ (25,913,470) |
| 2013/2014 | \$ (25,913,470) | \$ - | \$ (739,724) | \$ - | \$ (26,653,194) |
| 2014/2015 | \$ (26,653,194) | \$ - | \$ (99,660) | \$ - | \$ (26,752,854) |
| 2015/2016 | \$ (26,752,854) | \$ - | \$ (2,555,400) | \$ - | \$ (29,308,254) |
| 2016/2017 | \$ (29,308,254) | \$ - | \$ (26,248) | \$ - | \$ (29,334,502) |
| 2017/2018 | \$ (29,334,502) | \$ - | \$ (45,207) | \$ - | \$ (29,379,709) |
| | | | | | |
| | Totals | \$96,193 | \$ (29,475,902) | \$0 | \$ (29,379,709) |

BACK-UP FACILITY REVENUE SUMMARY

RECLAMATION SERVICE

| YEAR | TOTAL REVENUE | CUMULATIVE BALANCE |
|------------------|---------------|--------------------|
| | | |
| FISCAL 1988/1989 | \$ - | \$ - |
| FISCAL 1989/1990 | \$ 96,193 | \$ 96,193 |
| FISCAL 1990/1991 | \$ - | \$ 96,193 |
| FISCAL 1991/1992 | \$ - | \$ 96,193 |
| FISCAL 1992/1993 | \$ - | \$ 96,193 |
| FISCAL 1993/1994 | \$ - | \$ 96,193 |
| FISCAL 1994/1995 | \$ - | \$ 96,193 |
| FISCAL 1995/1996 | \$ - | \$ 96,193 |
| FISCAL 1996/1997 | \$ - | \$ 96,193 |
| FISCAL 1997/1998 | \$ - | \$ 96,193 |
| FISCAL 1998/1999 | \$ - | \$ 96,193 |
| FISCAL 1999/2000 | \$ - | \$ 96,193 |
| FISCAL 2000/2001 | \$ - | \$ 96,193 |
| FISCAL 2001/2002 | \$ - | \$ 96,193 |
| FISCAL 2002/2003 | \$ - | \$ 96,193 |
| FISCAL 2003/2004 | \$ - | \$ 96,193 |
| FISCAL 2004/2005 | \$ - | \$ 96,193 |
| FISCAL 2005/2006 | \$ - | \$ 96,193 |
| FISCAL 2006/2007 | \$ - | \$ 96,193 |
| FISCAL 2007/2008 | \$ - | \$ 96,193 |
| FISCAL 2008/2009 | \$ - | \$ 96,193 |
| FISCAL 2009/2010 | \$ - | \$ 96,193 |
| FISCAL 2010/2011 | \$ - | \$ 96,193 |
| FISCAL 2011/2012 | \$ - | \$ 96,193 |
| FISCAL 2012/2013 | \$ - | \$ 96,193 |
| FISCAL 2013/2014 | \$ - | \$ 96,193 |
| FISCAL 2014/2015 | \$ - | \$ 96,193 |
| FISCAL 2015/2016 | \$ - | \$ 96,193 |
| FISCAL 2016/2017 | \$ - | \$ 96,193 |
| FISCAL 2017/2018 | \$ - | \$ 96,193 |

CAPITAL ADDITIONS

BACK-UP FACILITIES - RECLAMATION

| YEAR | TOTAL EXPENDITURE | CUMULATIVE TOTAL |
|-------------------------|-------------------|----------------------|
| FISCAL 1988/1989 | \$ 8,496,895 | \$ 8,496,895 |
| FISCAL 1989/1990 | \$ 28,934 | \$ 8,525,829 |
| FISCAL 1990/1991 | \$ - | \$ 8,525,829 |
| FISCAL 1991/1992 | \$ 37,793 | \$ 8,563,622 |
| FISCAL 1992/1993 | \$ - | \$ 8,563,622 |
| FISCAL 1993/1994 | \$ 19,190 | \$ 8,582,812 |
| FISCAL 1994/1995 | \$ 21,123 | \$ 8,603,935 |
| FISCAL 1995/1996 | \$ 3,545,644 | \$ 12,149,579 |
| FISCAL 1996/1997 | \$ 49,258 | \$ 12,198,837 |
| FISCAL 1997/1998 | \$ 33,313 | \$ 12,232,150 |
| FISCAL 1998/1999 | \$ 177,863 | \$ 12,410,013 |
| FISCAL 1999/2000 | \$ 28,864 | \$ 12,438,877 |
| FISCAL 2000/2001 | \$ 1,207,954 | \$ 13,646,831 |
| FISCAL 2001/2002 | \$ 339,383 | \$ 13,986,214 |
| FISCAL 2002/2003 | \$ 38,056 | \$ 14,024,270 |
| FISCAL 2003/2004 | \$ 522,373 | \$ 14,546,643 |
| FISCAL 2004/2005 | \$ 50,211 | \$ 14,596,854 |
| FISCAL 2005/2006 | \$ 25,173 | \$ 14,622,027 |
| FISCAL 2006/2007 | \$ 4,198,092 | \$ 18,820,119 |
| FISCAL 2007/2008 | \$ 1,935,892 | \$ 20,756,011 |
| FISCAL 2008/2009 | \$ 180,517 | \$ 20,936,528 |
| FISCAL 2009/2010 | \$ 45,005 | \$ 20,981,533 |
| FISCAL 2010/2011 | \$ 55,067 | \$ 21,036,600 |
| FISCAL 2011/2012 | \$ 4,973,063 | \$ 26,009,663 |
| FISCAL 2012/2013 | \$ - | \$ 26,009,663 |
| FISCAL 2013/2014 | \$ 739,724 | \$ 26,749,387 |
| FISCAL 2014/2015 | \$ 99,660 | \$ 26,849,047 |
| FISCAL 2015/2016 | \$ 2,555,400 | \$ 29,404,447 |
| FISCAL 2016/2017 | \$ 26,248 | \$ 29,430,695 |
| | | |
| FISCAL 2017/2018 | | |
| 16-171-M | \$ 23,358 | \$ 29,454,053 |
| 16-173-M | \$ 4,522 | \$ 29,458,575 |
| 17-117-M | \$ 8,754 | \$ 29,467,329 |
| 17-118-M | \$ 8,573 | \$ 29,475,902 |
| | | |

FISCAL 2017/2018 CAPITAL ADDITION DESCRIPTIONS:

| | |
|----------|---------------------------------|
| 16-171-M | Control Valve City West Service |
| 16-173-M | Chlorine Gas Detector (Upgrade) |
| 17-117-M | Smart Valve for Chlorine |
| 17-118-M | 100 HP Motor-Backwash |

DESERT WATER AGENCY
Wastewater Service
Backup Facility Charge Summary

| Fiscal Year | Beginning Balance | Fees Collected | Capital Expenditures | Interest Earned | Ending Balance |
|-------------|-------------------|---------------------|------------------------|-----------------|------------------------|
| Prior 88/89 | \$ - | \$ 36,140 | \$ (119,529) | \$ - | \$ (83,389) |
| 1988/1989 | \$ (83,389) | \$ - | \$ (7,599) | \$ - | \$ (90,988) |
| 1989/1990 | \$ (90,988) | \$ 77,512 | \$ (7,599) | \$ - | \$ (21,075) |
| 1990/1991 | \$ (21,075) | \$ 34,965 | \$ (7,599) | \$ 499 | \$ 6,790 |
| 1991/1992 | \$ 6,790 | \$ 2,970 | \$ (11,447) | \$ - | \$ (1,687) |
| 1992/1993 | \$ (1,687) | \$ 13,959 | \$ (7,599) | \$ 192 | \$ 4,865 |
| 1993/1994 | \$ 4,865 | \$ 6,039 | \$ (8,309) | \$ 83 | \$ 2,678 |
| 1994/1995 | \$ 2,678 | \$ 30,432 | \$ (7,599) | \$ 1,381 | \$ 26,892 |
| 1995/1996 | \$ 26,892 | \$ 10,290 | \$ (7,599) | \$ 2,037 | \$ 31,620 |
| 1996/1997 | \$ 31,620 | \$ 19,865 | \$ (7,599) | \$ 2,456 | \$ 46,342 |
| 1997/1998 | \$ 46,342 | \$ 27,038 | \$ (99,631) | \$ - | \$ (26,251) |
| 1998/1999 | \$ (26,251) | \$ 18,457 | \$ (2,380,685) | \$ - | \$ (2,388,479) |
| 1999/2000 | \$ (2,388,479) | \$ 2,783 | \$ (37,077) | \$ - | \$ (2,422,773) |
| 2000/2001 | \$ (2,422,773) | \$ 118,283 | \$ (153,707) | \$ - | \$ (2,458,197) |
| 2001/2002 | \$ (2,458,197) | \$ 32,834 | \$ (5,000) | \$ - | \$ (2,430,363) |
| 2002/2003 | \$ (2,430,363) | \$ 2,836 | \$ - | \$ - | \$ (2,427,527) |
| 2003/2004 | \$ (2,427,527) | \$ 199,950 | \$ (34,706) | \$ - | \$ (2,262,283) |
| 2004/2005 | \$ (2,262,283) | \$ 1,185,870 | \$ (41,294) | \$ - | \$ (1,117,707) |
| 2005/2006 | \$ (1,117,707) | \$ 176,085 | \$ - | \$ - | \$ (941,622) |
| 2006/2007 | \$ (941,622) | \$ 42,472 | \$ (806,040) | \$ - | \$ (1,705,190) |
| 2007/2008 | \$ (1,705,190) | \$ 99,288 | \$ (180,813) | \$ - | \$ (1,786,715) |
| 2008/2009 | \$ (1,786,715) | \$ 50,520 | \$ (12,442,742) | \$ - | \$ (14,178,937) |
| 2009/2010 | \$ (14,178,937) | \$ 80,776 | \$ (173,702) | \$ - | \$ (14,271,863) |
| 2010/2011 | \$ (14,271,863) | \$ 96,705 | \$ - | \$ - | \$ (14,175,158) |
| 2011/2012 | \$ (14,175,158) | \$ 229,445 | \$ (4,953,728) | \$ - | \$ (18,899,441) |
| 2012/2013 | \$ (18,899,441) | \$ 64,395 | \$ (3,575) | \$ - | \$ (18,838,621) |
| 2013/2014 | \$ (18,838,621) | \$ 34,650 | \$ (61,503) | \$ - | \$ (18,865,474) |
| 2014/2015 | \$ (18,865,474) | \$ 11,820 | \$ - | \$ - | \$ (18,853,654) |
| 2015/2016 | \$ (18,853,654) | \$ 13,336 | \$ - | \$ - | \$ (18,840,318) |
| 2016/2017 | \$ (18,840,318) | \$ 46,200 | \$ (109,889) | \$ - | \$ (18,904,007) |
| 2017/2018 | \$ (18,904,007) | \$ 32,550 | \$ (89,303) | \$ - | \$ (18,960,760) |
| | | | | | |
| | Totals | \$ 2,798,465 | \$ (21,765,873) | \$ 6,648 | \$ (18,960,760) |

SEWER CAPACITY CHARGE REVENUE SUMMARY

WASTEWATER SERVICE

| YEAR | TOTAL REVENUE | CUMULATIVE BALANCE |
|------------------|---------------|---------------------|
| | | |
| PRIOR 1988/1989 | \$ 36,140 | \$ 36,140 |
| FISCAL 1988/1989 | \$ - | \$ 36,140 |
| FISCAL 1989/1990 | \$ 77,512 | \$ 113,652 |
| FISCAL 1990/1991 | \$ 34,965 | \$ 148,617 |
| FISCAL 1991/1992 | \$ 2,970 | \$ 151,587 |
| FISCAL 1992/1993 | \$ 13,959 | \$ 165,546 |
| FISCAL 1993/1994 | \$ 6,039 | \$ 171,585 |
| FISCAL 1994/1995 | \$ 30,432 | \$ 202,017 |
| FISCAL 1995/1996 | \$ 10,290 | \$ 212,307 |
| FISCAL 1996/1997 | \$ 19,865 | \$ 232,172 |
| FISCAL 1997/1998 | \$ 27,038 | \$ 259,210 |
| FISCAL 1998/1999 | \$ 18,457 | \$ 277,667 |
| FISCAL 1999/2000 | \$ 2,783 | \$ 280,450 |
| FISCAL 2000/2001 | \$ 118,283 | \$ 398,733 |
| FISCAL 2001/2002 | \$ 32,834 | \$ 431,567 |
| FISCAL 2002/2003 | \$ 2,836 | \$ 434,403 |
| FISCAL 2003/2004 | \$ 199,950 | \$ 634,353 |
| FISCAL 2004/2005 | \$ 1,185,870 | \$ 1,820,223 |
| FISCAL 2005/2006 | \$ 176,085 | \$ 1,996,308 |
| FISCAL 2006/2007 | \$ 42,472 | \$ 2,038,780 |
| FISCAL 2007/2008 | \$ 99,288 | \$ 2,138,068 |
| FISCAL 2008/2009 | \$ 50,520 | \$ 2,188,588 |
| FISCAL 2009/2010 | \$ 80,776 | \$ 2,269,364 |
| FISCAL 2010/2011 | \$ 96,705 | \$ 2,366,069 |
| FISCAL 2011/2012 | \$ 229,445 | \$ 2,595,514 |
| FISCAL 2012/2013 | \$ 64,395 | \$ 2,659,909 |
| FISCAL 2013/2014 | \$ 34,650 | \$ 2,694,559 |
| FISCAL 2014/2015 | \$ 11,820 | \$ 2,706,379 |
| FISCAL 2015/2016 | \$ 13,336 | \$ 2,719,715 |
| FISCAL 2016/2017 | \$ 46,200 | \$ 2,765,915 |
| FISCAL 2017/2018 | \$ 32,550 | \$ 2,798,465 |

CAPITAL ADDITIONS

SEWER CAPACITY CHARGE - WASTEWATER

| W/O # & (G/L A/C) | TOTAL EXPENDITURE | CUMULATIVE TOTAL |
|-------------------------|-------------------|---------------------|
| PRIOR 1988/1989 | \$119,529 | \$119,529 |
| FISCAL 1988/1989 | \$7,599 | \$127,128 |
| FISCAL 1989/1990 | \$7,599 | \$134,727 |
| FISCAL 1990/1991 | \$7,599 | \$142,326 |
| FISCAL 1991/1992 | \$11,447 | \$153,773 |
| FISCAL 1992/1993 | \$7,599 | \$161,372 |
| FISCAL 1993/1994 | \$8,309 | \$169,681 |
| FISCAL 1994/1995 | \$7,599 | \$177,280 |
| FISCAL 1995/1996 | \$7,599 | \$184,879 |
| FISCAL 1996/1997 | \$7,599 | \$192,478 |
| FISCAL 1997/1998 | \$99,631 | \$292,109 |
| FISCAL 1998/1999 | \$2,380,685 | \$2,672,794 |
| FISCAL 1999/2000 | \$37,077 | \$2,709,871 |
| FISCAL 2000/2001 | \$153,707 | \$2,863,578 |
| FISCAL 2001/2002 | \$5,000 | \$2,868,578 |
| FISCAL 2002/2003 | \$0 | \$2,868,578 |
| FISCAL 2003/2004 | \$34,706 | \$2,903,284 |
| FISCAL 2004/2005 | \$41,294 | \$2,944,578 |
| FISCAL 2005/2006 | \$0 | \$2,944,578 |
| FISCAL 2006/2007 | \$806,040 | \$3,750,618 |
| FISCAL 2007/2008 | \$180,813 | \$3,931,431 |
| FISCAL 2008/2009 | \$12,442,742 | \$16,374,173 |
| FISCAL 2009/2010 | \$173,702 | \$16,547,875 |
| FISCAL 2010/2011 | \$0 | \$16,547,875 |
| FISCAL 2011/2012 | \$4,953,728 | \$21,501,603 |
| FISCAL 2012/2013 | \$3,575 | \$21,505,178 |
| FISCAL 2013/2014 | \$61,503 | \$21,566,681 |
| FISCAL 2014/2015 | \$0 | \$21,566,681 |
| FISCAL 2015/2016 | \$0 | \$21,566,681 |
| FISCAL 2016/2017 | \$109,889 | \$21,676,570 |
| | | |
| FISCAL 2017/2018 | | |
| 15-002--08 (11171) | \$89,303 | \$21,765,873 |
| | | |

FISCAL 2017/2018 CAPITAL ADDITION DESCRIPTIONS:

15-002--08

Sewer Mains - The District

**DESERT WATER AGENCY
MEDIA INFORMATION
FEBRUARY 2019**

| DATE | PACKET PAGE | MEDIA SOURCE | ARTICLE |
|-------------|------------------------|---------------------|--|
| 02/01/19 | 1 | THE DESERT SUN | Storms Bring California's Sierra Snowpack To Normal |
| 02/01/19 | 2-3 | PRESS ENTERPRISE | Statewide Sierra Nevada Snowpack Jumps In January |
| 02/02/19 | 4-6 | THE DESERT SUN | Feds Warn About Drought-plan Delay |
| 02/08/19 | 7-8 | THE DESERT SUN | Wet Winter Greatly Reduces Drought Conditions In State |
| 02/13/19 | 9-10 | THE DESERT SUN | ID Holds The Key |
| 02/28/19 | 11-12 | THE DESERT SUN | Plan To Combat Drought In West Hinges On California, Arizona |
| 02/28/19 | 13-14 | LOS ANGELES TIMES | MWD Steps Up To Seal Drought Pact |

Storms bring California's Sierra snowpack to normal

During spring and summer melt, it provides 30% of water needs

Rich Pedroncelli, ASSOCIATED PRESS, February 1, 2019

PHILLIPS STATION, Calif. – January storms raised the vital Sierra Nevada snowpack to normal for this time of year, an important development for California's water supply, state officials said Thursday after the second survey of the winter.

The snowpack was 100 percent of average to date, the California Department of Water Resources said.

"This is a significant increase since the last survey," said John King, a water resources engineer who conducted a manual survey of a snow course at Phillips Station, one of hundreds of locations measured.

At the site, the snow depth measured 50 inches with a snow-water equivalent of 18 inches. That's 98 percent of average to date at the location, the agency said.

On Feb. 1, 2018, Phillips Station had a snow-water equivalent only 14 percent of average.

When the Sierra Nevada snowpack melts in spring and summer it provides about 30 percent of California's water needs. Persistent drought has also dried out trees and brush, contributing to severe wildfires.

"It's a start, but the next two or three months will determine what it means for our reservoirs and overall water supply," DWR Director Karla Nemeth said in a statement.

The measurement came as wet and snowy January ended with yet another storm impacting the state and another, potentially more potent, tempest following about a day behind.

Downtown San Francisco received more than a half-inch of rain by early morning before the storm spread southeastward, causing roadway flooding and small debris flows.

Southeast of Los Angeles residents were ordered to evacuate areas of Riverside County near mountain slopes burned bare by a wildfire last summer.

Authorities ordered long stretches of beaches and piers closed along the Southern California coast because of lightning, and a JetBlue flight headed to New York returned safely to Los Angeles International Airport after the crew reported the aircraft was struck by lightning.

Thursday's storm is expected to be followed by a brief break before an even stronger storm arrives on Friday, bringing another heavy pounding of snow and rain to the Sierra Nevada. Forecasters discouraged travel.

AP reporters Christopher Weber and John Antczak contributed to this report from Los Angeles.

WATER SUPPLY

Statewide Sierra Nevada snowpack jumps in January

The frozen reservoir is at 100 percent of historical average, jumping from 69 percent a month ago

By Paul Rogers *Bay Area News Group*. February 1, 2019

Sometimes being average is really good news.

California's statewide Sierra Nevada snowpack was 100 percent of its historical average for the month of January.

While Thursday's measurements might sound average, it's a big jump from a month ago. On Jan. 1, the snowpack was just 69 percent of its historical average. A year ago on Jan. 31 it was only 18 percent of normal.

How much snow falls every winter is critical to California's water picture. The snow, which forms a vast frozen reservoir over the 400-mile-long Sierra range, provides nearly one-third of the state's water supply for cities and farms as it slowly melts in the spring and summer months, sending billions of gallons of fresh water flowing down dozens of rivers and streams into reservoirs.

It also is key to the state's ski industry, which suffered significantly during the 2012-16 drought. It also caused residential water cutbacks from San Diego to the Bay Area, farm losses and wells and reservoir levels to drop. It also increased wildfire risk for five years.

"Being at the historical average is good," Chris Orrock, a spokesman for the state Department of Water Resources, said Thursday. "We just had a 10-day dry spell and we're basically right where we should be, with more snow coming in this weekend."

Widespread rain and mountain snow are forecast to begin today, with the heaviest precipitation tonight and Saturday.

The National Weather Service on Thursday issued a winter storm watch for the Sierra Nevada this weekend. Forecasters are projecting 1 to 3 feet of new snow across the Sierra. Some areas — Carson Pass, Ebbetts Pass and Sonora Pass — may get as much as 5 feet by Monday, the weather service said.

Up to 4 feet of new snow is expected at Donner Summit near Lake Tahoe and along Tioga Pass in Yosemite National Park by Monday.

Every winter, at the beginning of each month, state water officials and other government scientists fan out to take snow measurements at more than 260 sites, with electronic sensors and manual readings.

The oldest snow survey location dates to 1906. One, at Phillips Station, which is south of Lake Tahoe, is regularly done with TV cameras and journalists in tow.

Thursday, the reading at that location, which is near Sierra-at-Tahoe ski resort, showed 98 percent of the historical average. There were 50 inches of snow on the ground, which is double what there was there a month ago.

"It's comforting to finally have an average year," said John Paasch, chief of hydrology and flood control for the Department of Water Resources.

By Thursday, water content of the Sierra Nevada snow across the state was 61 percent of the April 1 historic average. In other words, California this winter has received almost two-thirds of a full winter's Sierra snowfall, with this weekend's big storms, the rest of February and March still to come.

The storms of January also have increased rainfall totals around the state. As of Wednesday evening, Los Angeles was at 139 percent of its historical average for this date and San Diego at 131 percent. Sacramento was at 93 percent.

The wet January conditions have caused reservoirs across the state to rise significantly. Thursday, most of the state's largest reservoirs were at or above their historical averages for this date. The largest, Shasta, near Redding, was 65 percent full, or 95 percent of normal for this date. Folsom, near Sacramento, was 53 percent full or 102 percent of normal. San Luis Reservoir, between Gilroy and Los Banos, was 86 percent full or 109 percent of normal.

JRICH PEDRONCELLI THE ASSOCIATED PRESS

Feds warn about drought-plan delay

California and Arizona miss deadline

Janet Wilson, Palm Springs Desert Sun USA TODAY NETWORK, February 2, 2019

U.S. Bureau of Reclamation Commissioner Brenda Burman put her foot down on Friday, saying Arizona and California, including the Imperial Irrigation District and Coachella Valley Water District, had failed to meet the deadline to sign on to a multi-state plan to shore up the Southwest's severely depleted Colorado River water supplies.

Seven states have worked with the bureau for years on plans to shore up dwindling water supplies from the river for 40 million people and 5.5 million acres of farmland. Burman set a deadline of midnight Thursday for approved agreements.

With none in place for the lower portion of the river, she formally requested input from the governors of all the states on how the federal government should address the growing water shortage. She made it clear the Interior Secretary and she could, for the first time, impose measures if no consensus is reached quickly.

"Today we're in a 19-year drought. The drought contingency plan is designed to reduce that risk," Burman said. "If the states do not act, then (we) will address that risk."

She stopped short of saying they would override historic senior water rights on the river, though she didn't rule it out.

A decree "is not our first choice. Our call for the basin states is, 'You are close, but it's time to get the job done.' " The Colorado River and its reservoirs provide water for Los Angeles, San Diego, Las Vegas, Phoenix, and Salt Lake City, among other cities. Since 2000 the basin has experienced its most severe drought in recorded history. The risk of reaching critically low elevations at Lakes Powell and Mead — the two largest reservoirs in the United States — has increased nearly four-fold over the past decade.

But IID and CVWD, which provide up to a third of all winter crops in the U.S., hold among the largest and oldest rights to the water. IID, in particular, is leery of ceding more water than it already has to urban areas. Its board imposed conditions on approval of the drought plan, including that they be the last to review and sign the deal, and that \$200 million in federal matching funds be allocated for the also badly depleted Salton Sea.

IID on Friday didn't back down from its conditions despite Burman's action, though it said it expects the agreements to be completed "promptly."

Peter Nelson, head of the Colorado River Board of California and a CVWD director, said Thursday that all the state's districts want to join the plans and see them succeed, but are a bit wary. He's confident they can be completed in the next few weeks.

On Friday, he said in an email response to Burman's actions: "I appreciate the commissioner's approach to seeking user-led solutions to the 19-year drought and shortage sharing which may occur in the future."

He added, "California continues to work for fair and equitable DCP agreements ... I am disappointed we didn't meet the January 31 deadline." He said he understands that the federal timelines are necessary due to the imminent risk of shortage, and to provide for Mexico as well as the U.S. states.

Wade Crowfoot, California secretary for Natural Resources, responded on behalf of Gov. Gavin Newsom's office.

"Implementing drought contingency plans in the Lower Colorado basin is critical to slow the decline of storage in Lake Mead and ensure continued access to California's full annual supply of 4.4 million acre-feet," he said. "We support efforts to get these plans over the finish line."

IID Pushes Back

In a statement, IID General Manager Henry Martinez said the district "is aware of today's action by the Bureau of Reclamation and, as it has done throughout this process, will continue to work diligently to reach agreement on outstanding DCP issues. The Board of Directors has already approved the intra-state agreements... and intends to vote on the entire suite of agreements, as a package, when they are completed."

He said that they expect the work to be completed "promptly."

But they're still seeking the Salton Sea funds.

"IID remains steadfast in its pursuit of federal funding for the critical conservation efforts that are necessary to mitigate the severe public health and environmental impacts at the Salton Sea, California's largest and most troubled lake and an integral part of the Colorado River system," Martinez said.

Another federal-state agreement has forced IID and its farmers to divert Colorado River water away from the sea, which is the state's largest lake, to urban San Diego and the Coachella Valley. The lake is now drying rapidly as a result, harming wildlife and raising public health concerns. Despite 15 years of warnings, state and federal projects designed to stabilize the sea and tamp down harmful dust have stalled, with not a single one completed.

Burman on Friday declined to comment directly on whether she's been negotiating with IID on their requests, but said that while the state is the lead agency, "the federal government has been a strong partner with the state in finding solutions for the Salton Sea. We will continue to be a partner ... in finding solutions there. The Imperial Irrigation District has been a partner on the DCP, and has worked creatively with the other districts in California."

Tough challenges ahead

Sarah Porter, director of the Kyl Center for Water Policy in Arizona, said there are severe issues with the Salton Sea as well as the Colorado River. But she said while she empathizes with IID,

California as a whole would take modest cuts under the proposed drought plan compared to her state. Arizona will also pay \$100 million to users to get them to leave water in the reservoirs.

“California is a much bigger economy and so, if you think about how Arizona was able to come up with these big funds, it would seem possible for California,” she said. “I’m hopeful they will get it done. Everybody’s been working on this for a long time ... A lot of water users in Southern California rely on Colorado River water.”

The drought plans are the first step. Burman said in her media briefing Friday that the plans will eliminate about half the known risk, but only until 2026. She said harder choices lie ahead about how to manage the river.

Researchers say climate change will exacerbate matters, with higher temperatures leading to more evaporation and longer droughts in the region, combined with the drawing down of groundwater supplies.

In addition to IID, Burman noted that California has a number of water districts that have not completed all of the elements of all of the agreements. LA's Metropolitan Water District has authorized its general manager to sign the agreements, but CVWD and Palo Verde also want a final look at the package. In addition, while she praised the Arizona legislature for passing enabling legislation, she said various parties there all need to sign on to the package of agreements to make them final.

In a federal register notice, Burman gave the governors until early March to submit ideas. She said the federal government would then immediately work to finalize Interior Secretary measures to be taken in advance of August allotments of water. She said if California and Arizona finalize their pieces, the federal notice would be canceled and the consensus approach would be used.

Priscilla Totiyapungprasert with the Arizona Republic contributed to this report. Janet Wilson is senior environment reporter with the Desert Sun, and authors Climate Point for USA TODAY. She can be reached at janet.wilson@desertsun.com and @janetwilson66

Wet winter greatly reduces drought conditions in state

John Antczak, ASSOCIATED PRESS, February 8, 2019

LOS ANGELES – In a matter of weeks, a very wet winter has greatly reduced drought conditions that have plagued California.

A series of storms has coated mountains with blankets of snow and unleashed drenching rains that have even greened up landscapes recently blackened by wildfires.

Here are things to know about the suddenly soggy state:

Dwindling drought

The U.S. Drought Monitor reported Thursday that a large portion of the state including the Sierra Nevada, much of the Central Valley and the San Francisco Bay Area is free of any significant dryness.

Heavy rain has also ended most of the moderate drought that stretched from the Central Coast to the southern tier of the state, leaving a lesser condition designated as abnormally dry, according to the monitor.

California's southwestern corner, including all of San Diego County and portions of surrounding counties, remain in moderate drought even though it has received more than the usual amount of rain to date. The monitor said several reservoirs are still at their lowest levels in at least a year, and in one case, as long as three years.

A relatively small area of moderate to severe drought persists along the California-Oregon border.

By the numbers

More than 34 percent of the state now has no abnormal dryness or any of the four levels of drought, which are described as moderate, severe, extreme and exceptional.

Slightly more than half the state is considered abnormally dry and just 10.5 percent is either in moderate or extreme drought.

On Jan. 1, less than 8 percent of the state had no level of dryness or drought. Slightly more than 75 percent was in moderate, extreme or exceptional drought and the remainder was in the abnormally dry classification.

Sierra snowpack

Just before last weekend's latest round of stormy weather, the California Department of Water Resources conducted its second Sierra snowpack survey of the season and found it was 100 percent of normal, an important reading because it holds about a third of the state's water supply.

Even more snow has fallen since, including staggering amounts at locations such as Mammoth Mountain.

Eleven feet of snow fell on its 11,053-foot summit over four days, bringing the season total to more than 32 feet, the resort said.

The emerald hills of LA

Rainfall totals this winter have been impressive.

Downtown Los Angeles, for example, has received nearly 13 inches of rain since the Oct. 1 start of the “water year.” That’s over 5 inches more than normal.

The result has been an explosion of verdant grasses across the state, including the Los Angeles region where the Mediterranean climate usually expresses itself in shades of khaki and tan. Swaths of bright green have even sprouted amid vast areas burned black by wildfires.

The storms have caused burn scars to belch mud and rocks that have blocked streets and highways, but so far have not led to a repeat of the kind of disastrous and deadly debris flows that smashed the community of Montecito last winter.

Too much?

Even with the high precipitation totals California has avoided major problems because the storms have been spaced far enough apart and have not been overly intense, said Alex Tardy, a warning coordination meteorologist with the National Weather Service in San Diego.

“We have been mostly fortunate with these big rain events, the atmospheric rivers, where the impact has been relatively localized,” he said.

Historically, there have been winters with high precipitation totals that did not cause problems, but soils are saturated and many of the big reservoirs are starting to fill up, he said.

What’s next?

Even more snow.

The National Weather Service said two storms are expected to drop snow on Northern California mountains and higher foothills this coming weekend, producing dangerous driving conditions.

Significant snowfall is predicted at elevations down to 2,500 feet and light accumulations as low as 1,000 feet

“We have been mostly fortunate with these big rain events, the atmospheric rivers, where the impact has been relatively localized.” Alex Tardy

ID holds the keys

District wants \$200M in funds before OKing drought deal

Janet Wilson, February 13, 2019

It's all up to the Imperial Irrigation District. The fate of a seven-state plan to address dwindling Colorado River water supply now appears to rest squarely with the sprawling southeastern California water district. Its neighbor to the north, the Coachella Valley Water District, voted unanimously on Tuesday to approve interstate agreements that would conserve water for use by 40 million people and millions of acres of agricultural lands.

IID has tied its approvals to a binding promise to receive \$200 million in federal matching funds to restore the fastdwindling Salton Sea, which lost critical Colorado River water imports a year ago. U.S. Dept. of Agriculture Secretary Sonny Perdue spoke with top IID officials last week, and assigned a point person to speak with district personnel later this week, said IID spokesman Antonio Ortega.

"We'll either get our marching orders on next steps to obtain the funds, or we'll have a statement (the other way)," Ortega said. "We remain committed to obtaining these funds, this is a years-long effort. Our conditions remain. The IID board has not scheduled a vote on the drought contingency plan. We are going to make our case, and hope that we can make a positive announcement."

U.S. Bureau of Reclamation Commissioner Brenda Burman warned California and Arizona water districts on Feb. 1 that they had failed to meet her Jan. 31 deadline, and began the process of taking steps to impose water cuts if they do not wrap up approvals quickly. They have until March 4 before she accepts comments from the governors on how to move forward. Arizona's agencies are working their way down a list of paperwork but have all signed off in principle, and its legislature has approved the plan.

But IID's board was unmoved at its last meeting, where it tabled resolutions to approve legal language for the drought plan. In a fiery rejoinder to Burman's remarks, longtime director Jim Hanks said she was wrong about the federal agency's ability to take the district's water, dismissing her threat of unilateral action as "a mythical federal dictatorship over a shrinking stream."

"We will neither tolerate ... dismissal of longstanding agreements and law, nor illegal federal force," Hanks said. "Other water users must learn to cooperate, adapt, and live within their means."

He added, "had we agreed to the DCP unconditional-ly, we would have satisfied the Commissioner. But what would we have told the people of Imperial Valley? That the happiness of an out-of-touch Washington D.C. bureaucrat mattered more than clean air, crops ruined by toxic dust, an asthma epidemic, and a worsened international environmental crisis in our backyard?"

He urged Burman to be "a partner for solutions, not an opponent. ... At this time, the feds are not waiting on IID. IID is waiting on the feds."

New board president Eryk Ortega was more conciliatory, saying the district had worked hard on both the drought plan and the Salton Sea funding, and that they hoped both would be achieved.

IID has historical, first-in-line rights to the lion's share of California's imports - more than three million acre-feet of the 4.4 million acre-feet that the state is entitled to receive. It would be among the first to leave some of its supply in Lake Mead if, as expected, the lake drops to dangerously low levels by 2020. Drought exacerbated by climate change is threatening the future of the river, along with drinking water for every major city in the southwest and irrigation for the nation's winter crops.

On Tuesday, in addition to okaying drought contingency plan agreements, CVWD's board of directors approved a resolution supporting efforts to obtain water conservation funding. Although the resolution didn't mention the Salton Sea by name, director Cástulo Estrada said getting funding for the lake's cleanup was the intent.

The Salton Sea, the state's largest lake, has now lost all of its remaining fish and millions of migratory birds. Dust storms are expected to grow worse as its shoreline continues to dry up, also worsening off its drying lake bed. Asked why they had not joined IID's bid for Salton Sea funds as a condition for the drought plan approval, CVWD director Patrick O'Dowd said, "that would have been inappropriate. We need to take care of our own district."

But O'Dowd and Estrada signed onto a letter to Perdue last week from the Salton Sea Authority and other agencies laying out why the federal funding is urgently needed. Sen. Dianne Feinstein last month placed a mechanism in the Farm Bill by which public agencies could be awarded funds to restore the lake. IID is seeking a memorandum of understanding or other written federal pledge for the funds.

Plan to combat drought in West hinges on California, Arizona

Felicia Fonseca, February 28, 2019

ASSOCIATED PRESS

FLAGSTAFF, Ariz. – A California irrigation district with the highest-priority rights to water from a major Western river is using its power to demand federal funds to restore the state's largest lake, hoping to capitalize on one of its best opportunities to tackle a longstanding environmental and human health hazard.

The Imperial Irrigation District wants \$200 million for the Salton Sea, a massive, briny lake in the desert southeast of Los Angeles created when the Colorado River breached a dike in 1905 and flooded a dry lake bed. The money would help create habitat for migratory birds and suppress dust in communities with high rates of asthma and respiratory illnesses.

The district says that if the federal government doesn't commit to giving California the money, it won't sign off on a multistate plan to preserve the river's two largest reservoirs amid a prolonged drought.

"There have been various plans over the decades for the Salton Sea, and none of them have been built," said Michael Cohen of the Pacific Institute, who studies the lake. "This most recent effort is a huge priority."

A drought of nearly two decades has drained Lake Mead and Lake Powell to alarmingly low levels. The seven Western states that rely on the Colorado River have been working on a plan to keep the lakes from being unable to deliver water at all.

In the lower basin, the drought plan would mean voluntary and more widespread cuts for Nevada, California and Arizona. The plan has hinged at various points on California and Arizona.

The Gila River Indian Community, a key player in Arizona's negotiations, threatened to pull out of the plan if the speaker of the state House advanced a bill the tribe said would undermine its water rights. The tribe now says it has the reassurance it needs to provide much of the water Arizona requires to soften losses for other users in the state. Arizona said it's moving at its own pace on more than a dozen agreements that need to be signed among water users in the state.

The situation in California remains shaky. The state last year secured \$200 million in a voter-approved ballot measure to work on the first phase of a Salton Sea plan.

The plan would create thousands of acres of bird habitat and help control dust that blows through the Coachella and Imperial valleys, creating a health hazard.

No one expects to restore the Salton Sea to its former glory. In its heyday in the 1950s and '60s, the lake was a major recreation area, frequented by boaters, anglers and even Hollywood celebrities.

It was fed primarily by runoff but has been evaporating more quickly since San Diego's regional water agency stopped sending it water. Inflow to the lake has decreased to 900,000 acre-feet annually, about onethird less than 15 years ago, Cohen said. An acre-foot is enough to serve one to two households a year.

Any action taken through the drought plan to preserve Lake Mead on the Arizona-Nevada border or Lake Powell on the Arizona-Utah line must take into account the crisis at the Salton Sea, said James Hanks, who sits on the Imperial Irrigation District's board of directors.

"IID has worked to be a good neighbor on the river," Hanks said at a recent meeting. "Yet, a sustainable solution to declining flows cannot and will not be attained at the continuous and severe expense of the Imperial Valley and the Salton Sea, while other agencies intend to grow their supply off of a shrinking system."

The irrigation district has something else to gain from the drought plan: the ability to store huge amounts of water behind Lake Mead for later use because it doesn't have its own long-term storage reservoirs.

The district is seeking a funding commitment for the Salton Sea ahead of a March 4 deadline set by U.S. Bureau of Reclamation Commissioner Brenda Burman for Arizona and California to complete work on the drought plan. Without a plan, Burman said she will seek a solution from governors in the river basin states: Arizona, California, Colorado, Nevada, New Mexico, Utah and Wyoming.

But she said she remained hopeful all the states soon will finish negotiations, and legislation implementing the drought plan will be introduced in Congress so it can take effect this year.

The Coachella Valley Water District board joined other California water managers in approving in-state agreements earlier this month. But there's a caveat: Everyone signs the full plan or no one signs. Imperial wants to see the full package before it takes a final vote.

Hanks said the Imperial board won't tolerate threats by the Reclamation Bureau, which has broad, unspecified authority over the drought plan. He said he doubted the agency could violate the priority system on the river.

The Imperial Irrigation District is the largest single recipient of Colorado River water, with 3.1 million-acre feet of California's 4.4 million-acre entitlement under legal compacts stretching back nearly a century.

ENVIRONMENT WATCH

MWD steps up to seal drought pact

Bettina Boxall, February 28, 2019

Frustrated by delays in agreeing to plans for coping with looming shortages on the Colorado River, the head of the Metropolitan Water District of Southern California wants to move the deal forward by agreeing to shoulder additional supply cuts.

If the proposal is approved by the Metropolitan board, California would join a multi-state drought contingency plan and the water district would ensure its access to reserves stored in Lake Mead.

"I believe the pros outweigh the cons," said Metropolitan General Manager Jeffrey Kightlinger, whose agency supplies Los Angeles and the rest of the urban Southland.

California and Arizona both missed a key deadline this month to finalize agreements for the drought plan drafted by the seven Western states that depend on Colorado River. THE MWD is proposing to assume responsibility for the Imperial Irrigation District's future cuts in Colorado River water deliveries — in addition to its own. That would ensure its access to reserves stored in Lake Mead. (Allen J. Schaben Los Angeles Times) supplies.

Although Arizona appears ready to wrap up its end of the deal, California has been stymied by the Imperial Irrigation District.

Imperial, a sprawling agricultural district east of San Diego, says it won't sign off until the federal government sends money it was promised for restoring the Salton Sea.

Kightlinger's proposal would bypass the need for Imperial's signature by assuming responsibility for the irrigation district's future delivery cuts — in addition to those expected of Metropolitan.

He said he would ask the board to approve the workaround at its March 12 meeting.

"I believe we need the drought contingency plan," Kightlinger said. "I believe the entire system is in danger."

If California and Arizona fully agree to the drought plan, that would head off action by the U.S. Bureau of Reclamation, which oversees management of the lower Colorado River.

Reclamation Commissioner Brenda Burman has warned that the federal government will develop its own shortage plans if the Colorado River basin states don't agree on how to share the burden of delivery cuts.

Nearly two decades of drought have depleted the river and the huge reservoirs that fill faucets and irrigation ditches from Colorado to Southern California. Federal water managers have repeatedly warned that the time is approaching when they will have to formally declare a shortage, triggering a cascade of river rationing.

Under the drought plan, Arizona, Nevada and California would reduce their withdrawals from Lake Mead in progressive steps to keep the reservoir's levels from dropping low enough to jeopardize hydropower production and, eventually, water releases.

Imperial has senior rights to the largest water allocation on the entire river and diverts the bulk of California's share of the Colorado.

Metropolitan takes the second-biggest share of California's diversions.

Imperial has agreed to the broad outlines of the multi-state shortage plan, but before district directors ink the final documents, they want the federal government to provide \$200 million for Salton Sea restoration work.

The lake is sustained by irrigation runoff from the Imperial Valley. But as Imperial sold some of its river water to San Diego, both irrigated acreage and field runoff declined, causing the lake to shrink.

As the shoreline recedes, parts of the lakebed laced with farm chemicals and other pollutants have turned to dust, fouling the air. The lake has also grown increasingly salty, worsening its already bad water quality.

All that was anticipated when the San Diego water sales were agreed to more than a decade ago. The state and federal governments promised costly restoration programs. But they have been slow to materialize.

Imperial officials say they are optimistic they can line up the \$200 million in federal funds, paving the way for board approval of the drought accord.

"I think everybody is trying to resolve the matter," said Henry Martinez, Imperial's general manager. "We're not just sitting around."

But it's not happening fast enough for Kightlinger, who is concerned about Lake Mead.

Under a 2007 agreement, Metropolitan, Imperial and agencies in Arizona and Nevada have been allowed to store reserves in Lake Mead for future withdrawal. But if a river shortage is declared, those withdrawals would end.

Kightlinger said he wants the drought plan to go into effect as soon as possible so the states can take steps to avert a shortage declaration and maintain access to their Lake Mead reserves.

Metropolitan's staff calculated the agency would wind up with more water if it absorbs Imperial's future cuts than it would if reserves were locked up in Lake Mead, Kightlinger said.

"Being able to bank water and have access to it is worth it," he said.

Kightlinger said the reaction was positive when he floated his proposal Monday at a Las Vegas meeting with Burman and representatives of neighboring states. Imperial officials were also at the meeting. "They wanted us to keep waiting until the Salton Sea is resolved. I said, 'It doesn't seem to be any closer,' " Kightlinger recalled.

If Metropolitan does seal California's end of the deal, Imperial could join later, Kightlinger added. And if that happens, Metropolitan would no longer be responsible for the cuts intended for Imperial.

DESERT WATER AGENCY OUTREACH & CONSERVATION ACTIVITIES

February 2019

Activities:

- 2/02 Ashley Metzger attended the Desert Hot Springs Neighborhood Group Breakfast.
- 2/05 Xochitl Peña attended Session 2 of the Water Counts Academy.
- 2/07 Ashley Metzger was on a live segment with KESQ regarding backflow theft.
- 2/08 DWA provided the water trailer for the Katherine Finchy walk-a-thon.
- 2/12 Mark Krause presented and the DWA hosted Session 3 of the Water Counts Academy.
- 2/13 Xochitl Peña attended and judged at the Palm Springs Unified School District Science Fair at Palm Springs High School.
- 2/13 Vicki Petek completed 3 turf buy back post inspections.
- 2/14 Ashley Metzger and Xochitl Peña attended the ONE-PS meeting and provided an update.
- 2/14 Xochitl Peña was on a live segment with KESQ regarding do-it-yourself Valentine's Day succulent planters.
- 2/19 Ashley Metzger attended Mission Springs Water District's Board meeting.
- 2/19 Xochitl Peña attended Session 4 of the Water Counts Academy.
- 2/19 DWA hosted a public hearing at the Henry Lozano Community Center in Desert Hot Springs about transitioning to district-based elections.
- 2/20 President Stuart and Xochitl Peña attended the ribbon cutting for CVWD's new replenishment pond in Palm Desert.
- 2/21 Ashley Metzger was on a live segment with KESQ regarding recent rain storms.
- 2/23 DWA provided the water trailer for the Palm Springs Police Officer's Association 5K at Ruth Hardy Park.
- 2/23 DWA helped facilitate the CV Water Counts Academy tour; the academy graduation followed.
- 2/23 Xochitl Peña was on the Joey English radio show.
- 2/27 Vice President Bloomer, Mark Krause and Ashley Metzger participated in a meeting with the Department of the Interior.
- 2/27 Vicki Petek completed 1 turf buy back post inspection.
- 2/28 Ashley Metzger was on a live segment with KESQ regarding DWA's 2nd annual Butterfly Block Party.

Public Information Releases/eBlasts/Customer notifications:

February 1: Water Reservoir Maintenance Project - Nextdoor
February 5: Agency may change election system - website
February 6: State Water Project allocations increase - website
February 6: January storms boosts water from Sierra Nevada snow - website
February 7: Flutter over to the DWA for family fun - website
February 14: Rain alert – turn off sprinklers - website
February 19: Elections by Division - website
February 21: Snow Creek Village on water conservation notice - website
February 25: Butterfly Block Party - Nextdoor

Upcoming Events

March 9, 1:00 to 3:00 – Butterfly Block Party, Desert Water Agency
March 16, 9:00 to 5:00 – DWA at Chalk Art Festival, Downtown Palm Springs
March 17, 11:30 to 1:30 – DWA at Desert Horticultural Society Desert Garden Tour, Sagewood HOA
March 23, 11:00 to 2:00 – DWA at ONE-PS Picnic, Ruth Hardy Park
March 30, 8:00 to 11:00 – DWA at Run for Ike 5K, Palm Springs Police Department

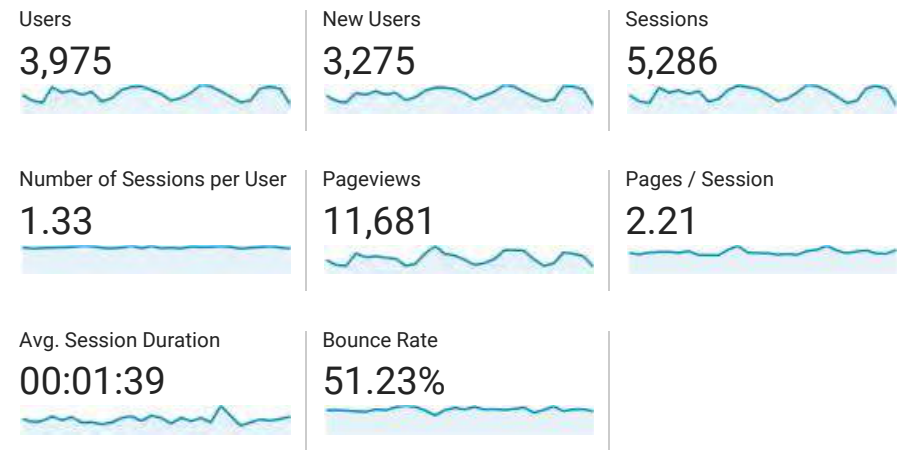
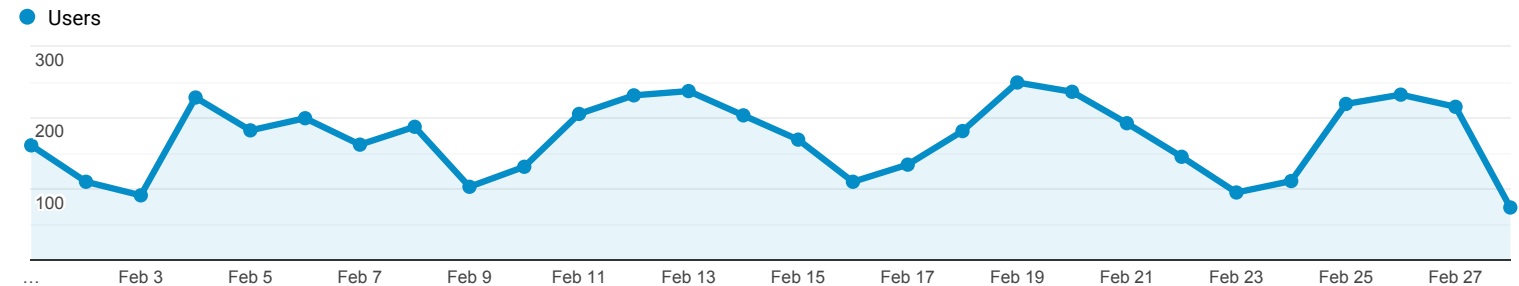


Audience Overview

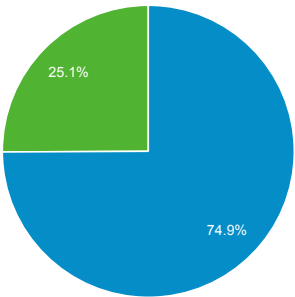


Feb 1, 2019 - Feb 28, 2019

Overview



New Visitor Returning Visitor



| Language | | Users | % Users |
|----------|--------|-------|---------|
| 1. | en-us | 3,674 | 92.43% |
| 2. | en-ca | 78 | 1.96% |
| 3. | nl-nl | 43 | 1.08% |
| 4. | en-gb | 41 | 1.03% |
| 5. | es-us | 36 | 0.91% |
| 6. | es-419 | 13 | 0.33% |
| 7. | es-xl | 9 | 0.23% |
| 8. | en | 6 | 0.15% |
| 9. | es | 6 | 0.15% |
| 10. | fr-fr | 6 | 0.15% |

Desert Water Agency Facebook Analytics February 2019



Actions on Page

January 31 - February 27

1

Total Actions on Page ▼50%



Page Likes

January 31 - February 27

8

Page Likes ▼38%



Page Views

January 31 - February 27

179

Total Page Views ▲56%



Page Previews

January 31 - February 27

32

Page Previews ▲100%



Post Reach

January 31 - February 27

5,862

People Reached ▲166%



Recommendations

January 31 - February 27

2

Recommendations ▲100%



Post Engagements

January 31 - February 27

1,207

Post Engagement ▲107%



Videos

January 31 - February 27

544

3-Second Video Views ▲1500%



Page Followers

January 31 - February 27

11

Page Followers ▼27%



Facebook Analytics continued



| Published | Post | Type | Targeting | Reach | Engagement | Promote |
|-----------------------|---|---|---|--|--|----------------------------|
| 02/25/2019 8:00 AM |  Don't throw out old pet water. Use it on plants and landscaping. |  |  | 101  | 5 6  | Boost Post |
| 02/23/2019 5:14 PM |  Congrats to the CV Water Counts Academy Class of 2019. The four- |  |  | 113  | 15 10  | Boost Post |
| 02/21/2019 8:00 AM |  See how fun & diverse desert-friendly landscape can be. We have rebates |  |  | 61  | 3 4  | Boost Post |
| 02/20/2019 8:16 AM |  Our customers used 19% less water last month than in January 2013. |  |  | 61  | 0 3  | Boost Post |
| 02/19/2019 7:18 PM |  Our CV Water Counts Academy students are learning all about the |  |  | 118  | 12 11  | Boost Post |
| 02/18/2019 8:00 AM |  Our office will be closed today in observance of Presidents Day. We |  |  | 61  | 0 1  | Boost Post |
| 02/17/2019 8:00 AM |  Fill the sink with water when shaving and save up to 300 gallons a month. |  |  | 90  | 0 2  | Boost Post |
| 02/15/2019 8:00 AM |  Happy Modernism Week, Palm Springs! Enjoy the home tours and |  |  | 75  | 2 2  | Boost Post |
| 02/14/2019 8:47 AM |  Don't forget to turn off your sprinklers and be careful out there on the roads. |  |  | 106  | 4 6  | Boost Post |
| 02/14/2019 8:00 AM |  Show water some love by conserving. |  |  | 71  | 0 3  | Boost Post |
| 02/13/2019 2:10 PM |  We participated as a judge at the PSUSD Science Fair and saw some |  |  | 101  | 6 6  | Boost Post |

Facebook Analytics continued



| | | | | | | | | | |
|------------------------|--|---|--|--|-----|--|----------|--|------------|
| 02/12/2019 7:24 PM | | Another great night of presentations from DWA General Manager Mark | | | 475 | | 52 38 | | Boost Post |
| 02/11/2019 2:22 PM | | Desert landscaping - mod style! | | | 129 | | 7 6 | | Boost Post |
| 02/11/2019 8:00 AM | | Pruning helps plants use water more efficiently. | | | 91 | | 7 4 | | Boost Post |
| 02/09/2019 10:08 AM | | The sun is breaking through the clouds and it feels great! We'll be | | | 120 | | 8 7 | | Boost Post |
| 02/08/2019 8:00 AM | | We're at the Farmers' Market in Palm Springs from 8 a.m. to noon on | | | 103 | | 6 6 | | Boost Post |
| 02/07/2019 8:00 AM | | This water-efficient shrub called Texas Ranger (Leucophyllum | | | 93 | | 6 8 | | Boost Post |
| 02/05/2019 7:15 PM | | Great presentations by Steve Bigley & Michael Nusser from Coachella | | | 139 | | 19 10 | | Boost Post |
| 02/05/2019 4:00 PM | | Check your inbox! We just direct messaged our five winners of | | | 692 | | 13 11 | | Boost Post |
| 02/04/2019 8:00 AM | | Use unfinished water and ice cubes to feed your plants. #watersavingtips | | | 110 | | 3 6 | | Boost Post |
| 02/03/2019 9:00 AM | | It's game day! Don't forget to mix in a glass of refreshing water with your | | | 82 | | 1 2 | | Boost Post |
| 02/02/2019 1:00 PM | | Share your input on district elections. Feb. 5, 8 a.m. at DWA, 1200 S. Gene | | | 82 | | 1 1 | | Boost Post |

Facebook Analytics continued



Total Page Likes as of Today: 1,163



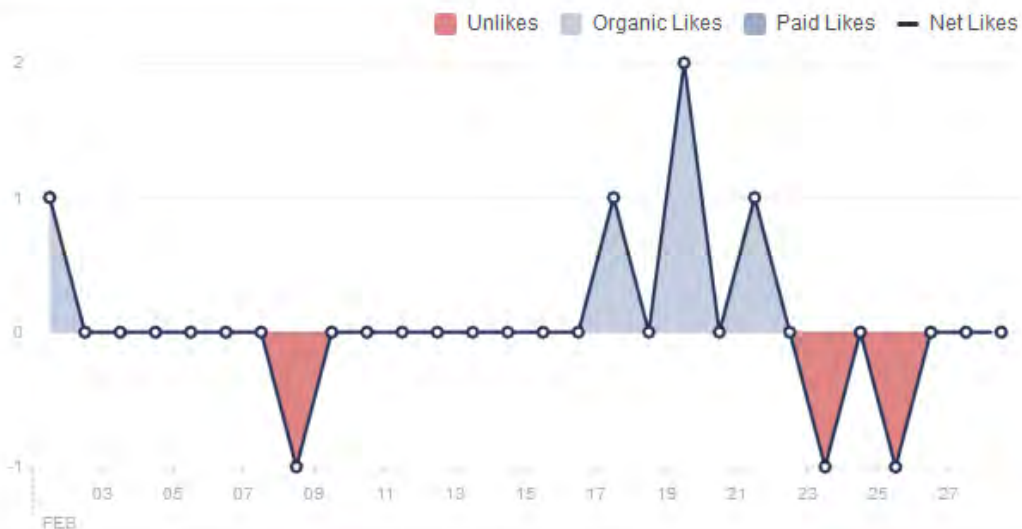
BENCHMARK

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 February 2019



25 likes



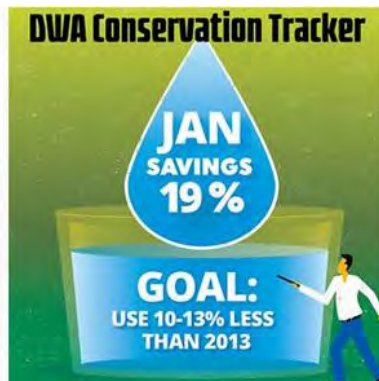
31 likes



20 likes



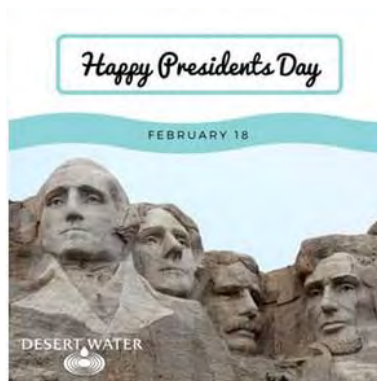
43 likes



14 likes, 1 comment



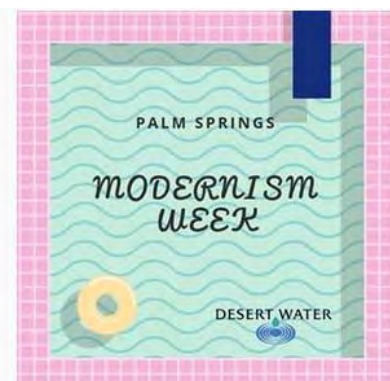
31 likes, 3 comments



23 likes, 1 comment



14 likes



20 likes, 1 comment



Desert Water Agency

1200 S Gene Autry Trl, Palm Springs



Desert Water Agency

16,202 members

[Invite](#)

27% of 43,832 households

106 neighborhoods

Butterfly Block Party

The second annual Butterfly Block Party, featuring fun for the entire family, returns on Saturday, March 9. We'll have live music, face painting, crafts, games, garden tours, a costume contest, snacks and more. Come check out our pollinator garden and giant wall art - the perfect back drop for a selfie - from 1- 3 p.m. outside our See more...



MAR
9

Butterfly Block Party

Desert Water Agency

Going? ▼

Water Reservoir Maintenance Project

Desert Water Agency will begin a maintenance project in your area in early February. It is anticipated to last through March. We want to assure you we will work to complete the project as quickly as possible. The Potable Water Reservoir Maintenance project includes removing the existing paint and repainting the

See more...



Edited 7 Feb · Posted Feb 1, 2019 · Subscribers of Desert Water Agency in 1 neighborhood

Desert Water Agency Twitter Analytics February 2019



Tweets **1.942** Following **1.536** Followers **1.105** Likes **907**

Feb 2019 • 27 days so far...

TWEET HIGHLIGHTS

Top Tweet earned 1,407 impressions

Pruning helps plants use water more efficiently. [#watersavingtips](#)
[pic.twitter.com/uenHViXowQ](#)



2 6

[View Tweet activity](#)

[View all Tweet activity](#)

Top Follower followed by 238 people



Shelley Maness

@smaness [FOLLOWS YOU](#)

Business Ops. Div. Director at Union County Public Works (Monroe, NC)

Top mention earned 2 engagements



Modernism Week

@ModernismWeek · Feb 1

A lucky winner could win a pair of two tickets to Modernism Week! Details via [@DWAwater](#). [twitter.com/DWAwater/statu...](#)

1

[View Tweet](#)

Top media Tweet earned 1,184 impressions

Give your sprinklers a rest for at least two days after a good soak.

[pic.twitter.com/kfEgZ9XihQ](#)



1 1 3

[View Tweet activity](#)

[View all Tweet activity](#)

ADVERTISE ON TWITTER

Get your Tweets in front of more people

Promoted Tweets and content open up your reach on Twitter to more people.

[Get started](#)

FEB 2019 SUMMARY

Tweets

24

Tweet impressions

11.3K

Profile visits

308

Mentions

6

New followers

4