



## BOARD OF DIRECTORS REGULAR MEETING STUDY SESSION AGENDA

Thursday, March 17, 2022 at 3:00 PM

Via Teleconference – No Live Attendance

NOTICE IS HEREBY GIVEN MISSION SPRINGS WATER DISTRICT BOARD MEETINGS WILL BE CONDUCTED PURSUANT TO THE GOVERNOR'S EXECUTIVE ORDER N-29-20 AND CALIFORNIA'S ASSEMBLY BILL 361 IN AN EFFORT TO PROTECT THE PUBLIC HEALTH AND PREVENT THE SPREAD OF COVID-19 (CORONAVIRUS). THE PUBLIC MAY ATTEND AND PARTICIPATE TELEPHONICALLY AS THERE WILL BE NO PUBLIC LOCATION FOR ATTENDING IN PERSON. THE AUDIO/VIDEO RECORDING OF THESE MEETINGS MAY BE POSTED TO THE MSWD WEBPAGE FOLLOWING THE MEETING.

THE PUBLIC MAY SUBMIT ANY COMMENTS ADDRESSING ITEMS BELOW BY EMAILING [DPETEE@MSWD.ORG](mailto:DPETEE@MSWD.ORG) PRIOR TO THE START OF THE MEETING OR GIVE REAL TIME COMMENTS BY ATTENDING THE MEETING VIRTUALLY OR TELEPHONICALLY.

JOIN ZOOM MEETING:

<https://us02web.zoom.us/j/8220655340?from=addon>

DIAL BY PHONE:

+1 (408) 638-0968

Meeting ID: 822 065 5340

---

### ACTION MAY BE TAKEN ON ANY ITEM LISTED ON THIS AGENDA

1. CALL TO ORDER

2. PLEDGE OF ALLEGIANCE

3. ROLL CALL

4. RULES OF PROCEDURE

5. PUBLIC INPUT

*This is the opportunity for members of the public to address the Board on matters within the Board's jurisdiction. **Please limit comments to three (3) minutes or less.** State law prohibits the Board from discussing or taking action on any item not listed on the agenda.*

### EMPLOYEE RECOGNITION

6. HUMAN RESOURCES REPORT

**ACTION ITEMS**

- 7. RESOLUTION 2022-03 - A RESOLUTION OF THE BOARD OF DIRECTORS OF THE MISSION SPRINGS WATER DISTRICT, PROCLAIMING A LOCAL EMERGENCY PERSISTS, RE-RATIFYING THE PROCLAMATION OF A STATE OF EMERGENCY BY EXECUTIVE ORDER N-09-21 AND RE-AUTHORIZING REMOTE TELECONFERENCE MEETINGS OF THE LEGISLATIVE BODIES OF THE MISSION SPRINGS WATER DISTRICT FOR THE PERIOD OF MARCH 23, 2022 THROUGH APRIL 22, 2022.**

It is recommended to approve Resolution 2022-03, continuing teleconference meetings for the period of March 23, 2022 through April 22, 2022.

- 8. PUBLIC HEARING (MONDAY, MARCH 21, 2022) ORDINANCE NO. 2022-01 - MISSION SPRINGS WATER DISTRICT REDISTRICTING 2022**

It is recommended that the Board adopt preferred map Option 2 and corresponding Ordinance No. 2022-01

- 9. ACCEPT AUDITED FINANCIAL STATEMENTS FOR YEAR ENDED JUNE 30, 2021**

It is recommended to review and accept the audited financial statements as presented by Rogers, Anderson, Malody & Scott, LLP.

- 10. RESOLUTION 2022-04 - ADOPTION OF THE LOCAL HAZARD MITIGATION PLAN**

It is recommended to adopt Resolution 2022-04, adopting the Mission Springs Water District Local Hazard Mitigation Plan.

- 11. AWARD OF CONTRACT FOR EMERGENCY REPAIR OF 150 LINEAR FEET OF EIGHT INCH SEWER LINE AND FIVE SERVICE CONNECTIONS ON ACOMA AVENUE TO TRYCO GENERAL ENGINEERING, INC.**

It is recommended to authorize the General Manager to approve a contract agreement to complete the emergency repair of 150 linear feet of eight inch sewer on Acoma Avenue in the amount of \$77,600.00 plus a 10% contingency for a total of \$85,360.00, to Tryco General Engineering, Inc., and do all things necessary to complete the project.

**DISCUSSION ITEMS**

- 12. MSWD REGIONAL WATER RECLAMATION FACILITY UPDATE**

- 13. CRITICAL SERVICES CENTER AND ADMINISTRATIVE BUILDING UPDATE**

**CONSENT AGENDA**

*Consent agenda items are expected to be routine and non-controversial, to be acted upon by the Board at one time, without discussion. If a member would like an item to be handled separately, it will be removed from the Consent Agenda for separate action.*

- 14. APPROVAL OF MINUTES**

It is recommended to approve the minutes as follows:

February 17, 2022 - Study Session  
February 22, 2022 - Board Meeting

**15. REGISTER OF DEMANDS**

The register of demands totaling \$1,681,751.21

**CORRESPONDENCE**

**16. THANK YOU LETTER - BUBBLING WELLS ELEMENTARY**

**17. LETTER OF COMMENDATION - CARRIRI HOMES**

**REPORTS**

**18. DIRECTOR'S REPORTS**

**19. GENERAL MANAGER'S REPORT**

**COMMENTS**

**20. DISTRICT COUNSEL COMMENTS**

**21. DIRECTOR COMMENTS**

**CLOSED SESSION**

**22. CONFERENCE WITH LEGAL COUNSEL REGARDING EXISTING LITIGATION**

pursuant to Government Code Section 54956.9(d)(1)

One Case: Case No. RIC 2003782

(George Padilla and Sharon Moreno vs. Mission Springs Water District)

**23. CONFERENCE WITH LEGAL COUNSEL REGARDING SIGNIFICANT EXPOSURE TO LITIGATION**

pursuant to Government Code Section 54956.9(d)(2) and/or (3)

(One potential case related to a threat of litigation by Coachillin Holdings, LLC)

**24. CONFERENCE WITH LEGAL COUNSEL REGARDING EXISTING LITIGATION**

pursuant to Government Code Section 54956.9(d)(1)

One Case: Case No. PSC 1600676

(Mission Springs Water District vs. Desert Water Agency)

**25. CONFERENCE WITH LEGAL COUNSEL REGARDING PENDING LITIGATION**

pursuant to Government Code Section 54956.9(d)(1)

One Case: (MSWD vs. Master Meter)

26. **CONFERENCE WITH LEGAL COUNSEL REGARDING POTENTIAL INITIATION OF LITIGATION**  
pursuant to Government Code Section 54956.9(d)(4)  
One potential case
27. **REPORT ON ACTION TAKEN DURING CLOSED SESSION**
28. **ADJOURN**

---

*If you need special assistance to participate in this meeting, please contact the Executive Assistant at (760) 660-4403 at least 48 working hours prior to the meeting.*

**ANY DISCLOSABLE PUBLIC RECORDS RELATED TO AN OPEN SESSION ITEM ON A REGULAR MEETING AGENDA AND DISTRIBUTED BY MISSION SPRINGS WATER DISTRICT TO ALL OR A MAJORITY OF THE BOARD OF DIRECTORS LESS THAN 72 HOURS PRIOR TO THAT MEETING ARE AVAILABLE FOR PUBLIC INSPECTION AT THE DISTRICT OFFICE, 66575 SECOND STREET, DESERT HOT SPRINGS, CALIFORNIA DURING NORMAL BUSINESS HOURS AND MAY ALSO BE AVAILABLE ON THE DISTRICT'S WEBSITE AT <https://www.mswd.org/board.aspx>. NOTE: THE PROCEEDINGS MAY BE AUDIO AND VIDEO RECORDED.**

---

#### CERTIFICATION OF POSTING

I certify that on or before March 14, 2022, a copy of the foregoing notice was posted near the regular meeting place of the Board of Directors of Mission Springs Water District at least 72 hours in advance of the meeting (Government Code Section 54954.2).



---

Arden Wallum  
Secretary of the Board of Directors

# AGENDA STAFF REPORT

**MEETING NAME:** REGULAR BOARD MEETINGS

**MEETING DATE(S):** MARCH 17 & 21, 2022

**FROM:** ORIANA HOFFERT-HUMAN  
RESOURCES MANAGER



---

## HUMAN RESOURCES REPORT

PERSONNEL ACTIVITY FOR THE PERIOD FEBRUARY 1-28, 2022

---

### NEW HIRES

Chad Finch	Water Production and Maintenance Foreperson
Manuel Gomez	Field Operations Technician I

### ANNIVERSARIES

Theresa Murphy	Engineering Technician	14 Years
Carol Morin	Office Specialist II	20 Years
Mark Vermeer	WWTP Operator I	21 Years

### PROMOTIONS

Andy Grunnet	Lead Wastewater Treatment Plant Operator (Formerly – Wastewater Treatment Plant Operator II)
Jason Weekley	Lead Field Operations Technician (Formerly – Field Operations Technician II)
Tim Owens	Water Production Operator II (Formerly – Water Production Operator I)

### CERTIFICATIONS/EDUCATIONAL ACCOMPLISHMENTS

None

# AGENDA STAFF REPORT

**MEETING NAME:** REGULAR BOARD MEETING STUDY SESSION  
**MEETING DATE(S):** MARCH 17, 2022  
**FROM:** LEGAL COUNSEL



**FOR:** ACTION  X  DIRECTION      INFORMATION    

## RESOLUTION 2022-03

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE MISSION SPRINGS WATER DISTRICT PROCLAIMING A LOCAL EMERGENCY PERSISTS, RE-RATIFYING THE PROCLAMATION OF A STATE OF EMERGENCY BY EXECUTIVE ORDER N-09-21, AND RE-AUTHORIZING REMOTE TELECONFERENCE MEETINGS OF THE LEGISLATIVE BODIES OF THE MISSION SPRINGS WATER DISTRICT FOR THE PERIOD MARCH 23, 2022 – APRIL 22, 2022, PURSUANT TO PROVISIONS OF THE RALPH M. BROWN ACT**

### STAFF RECOMMENDATION

It is recommended to approve Resolution 2022-03, continuing abbreviated teleconferencing procedures for meetings of legislative bodies of the District, on a month to month basis, for the period of March 23, 2022 through April 22, 2022.

### SUMMARY

AB 361 was signed by the Governor on September 16, 2021. The primary purpose of California Assembly Bill 361 (Rivas) is to allow California public agencies to continue holding public meetings remotely, using abbreviated teleconferencing procedures, during the COVID-19 state of emergency. Since the enactment of Governor Gavin Newsom’s Executive Order N-29-20, local legislative bodies in California have been able to hold public meetings by “teleconference” (a term which includes videoconferencing) without complying with all the following Brown Act requirements for teleconference meetings such as:

- Each teleconference location from which a member will be participating in a public meeting or proceeding be identified in the notice and agenda of the public meeting or proceeding.
- Each teleconference location be accessible to the public.
- Members of the public may address the legislative body at each teleconference conference location.
- Agendas posted at all teleconference locations.
- At least one member of the legislative body be physically present at the location specified in the notice of the meeting. (Gov’t Code section 54953.)

Since the enactment of Executive Order N-29-20, local legislative bodies were able to continue the public’s business while safeguarding members of the local body and the public from exposure to COVID-19. Governor Newsom issued Executive Order N-08-21, which, among other things, rescinded Executive Order N-29-20 and set a date of October 1, 2021, for public agencies to transition back to public meetings held in full compliance with the Brown Act.

AB 361 allows continued remote public meetings during a state of emergency using abbreviated teleconferencing procedures. AB 361 was signed by the Governor on September 16, 2021.

As you are aware, the State of California has recently been lifting many COVID related restrictions. Recently posted on the California Department of Public Health’s (CDPH) website is the following:

*Please upload all pertinent attachments using the Municode Meetings ADD ITEM function.*

- Effective March 1, 2022 , the requirement that unvaccinated individuals mask in indoor public settings will move to a strong recommendation that all persons, regardless of vaccine status, continue indoor masking.
- Universal masking shall remain required in specified high-risk settings.
- After March 11, 2022, the universal masking requirement for K-12 and Childcare settings will terminate. CDPH strongly recommends that individuals in these settings continue to mask in indoor settings when the universal masking requirement lifts.

<https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/guidance-for-face-coverings.aspx>

The current masking requirements in California are:

Masks are required for all individuals in the following indoor settings, regardless of vaccination status.

- Indoors in K-12 schools, childcare (through March 11, 2022)
- On public transit and in transportation hubs
- Emergency shelters and cooling and heating centers
- Healthcare settings
- State and local correctional facilities and detention centers
- Homeless shelters
- Long Term Care Settings & Adult and Senior Care Facilities

#### **Impact on AB 361-- Brown Act--Abbreviated Teleconferencing Procedures**

As you may recall, the primary purpose of California Assembly Bill 361 was to allow for California public agencies to continue holding public meetings remotely, using abbreviated teleconferencing procedures, during the COVID-19 state of emergency. **At this time, California remains in a COVID-19 state of emergency.** CDPH's updated guidance does not directly impact the ability of agencies to hold public meetings via abbreviated teleconferencing procedures pursuant to AB 361. AB 361 allows California agencies to hold meetings under the relaxed teleconference rules when the Governor has declared a State of Emergency, and either:

- a. State or local officials recommend or impose social distancing measures, or
- b. The agency finds that meeting in person would threaten the safety of meeting attendees.

Given the foregoing, public agencies may elect to continue to adopt the monthly resolutions to allow remote teleconference meetings using abbreviated teleconferencing procedures.

#### **FISCAL IMPACT AND STRATEGIC PLAN IMPLEMENTATION**

None

#### **ATTACHMENTS**

Resolution 2022-03

**RESOLUTION NO. 2022-03**

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE MISSION SPRINGS WATER DISTRICT PROCLAIMING A LOCAL EMERGENCY PERSISTS, RE-RATIFYING THE PROCLAMATION OF A STATE OF EMERGENCY BY EXECUTIVE ORDER N-09-21, AND RE-AUTHORIZING REMOTE TELECONFERENCE MEETINGS OF THE LEGISLATIVE BODIES OF THE MISSION SPRINGS WATER DISTRICT FOR THE PERIOD MARCH 23, 2022 – APRIL 22, 2022, PURSUANT TO PROVISIONS OF THE RALPH M. BROWN ACT**

**WHEREAS**, the Mission Springs Water District (the “District”) is committed to preserving and nurturing public access and participation in meetings of the Board of Directors; and

**WHEREAS**, all meetings of the District’s legislative bodies are open and public, as required by the Ralph M. Brown Act (Cal. Gov. Code §§ 54950 – 54963) (the “Brown Act”), so that any member of the public may attend, participate, and watch the District’s legislative bodies conduct their business; and

**WHEREAS**, the Brown Act, Government Code section 54953(e), makes provisions for remote teleconferencing participation in meetings by members of a legislative body, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions; and

**WHEREAS**, a required condition is that a state of emergency is declared by the Governor pursuant to Government Code section 8625, proclaiming the existence of conditions of disaster or of extreme peril to the safety of persons and property within the state caused by conditions as described in Government Code section 8558; and

**WHEREAS**, a proclamation is made when there is an actual incident, threat of disaster, or extreme peril to the safety of persons and property within the jurisdictions that are within the District’s boundaries, caused by natural, technological, or human-caused disasters; and

**WHEREAS**, it is further required that state or local officials have imposed or recommended measures to promote social distancing, or, the legislative body meeting in person would present imminent risks to the health and safety of attendees; and

**WHEREAS**, the Board of Directors previously adopted Resolution No. 2022-02 on February 22, 2022, finding that the requisite conditions exist for the legislative bodies of the District to conduct remote teleconference meetings without compliance with Government Code section 54953(b)(3); and

**WHEREAS**, as a condition of extending the use of the provisions found in Government Code section 54953(e), the Board of Directors must reconsider the circumstances of the state of emergency that exists in the District, and the Board of Directors has done so; and

**WHEREAS**, emergency conditions persist in the District, specifically, on March 4, 2020, the Governor of the State of California proclaimed a State of Emergency to exist in California as a result of the threat of COVID-19; despite sustained efforts the virus continues to spread and is impacting nearly all sectors of California; and



**WHEREAS**, on February 28, 2022, the California Department of Public Health website was updated and strongly recommends that all persons, regardless of vaccine status, continue indoor masking; and

**WHEREAS**, given the continued heightened risks of the predominant variant of COVID-19 in the community, holding meetings with all members of the legislative body, staff, and the public in attendance in person in a shared indoor meeting space would pose an unnecessary and immediate risk to the attendees; and

**WHEREAS**, the Board of Trustees does hereby find that the ongoing risk posed by the highly transmissible COVID-19 virus will continue to cause conditions of peril to the safety of persons within the District which are likely to be beyond the control of services, personnel, equipment, and facilities of the District, and the Board of Trustees desires to proclaim a local emergency and ratify the proclamation of a state of emergency by the Governor of the State of California; and

**WHEREAS**, as a consequence of the local emergency persisting, the Board of Trustees does hereby find that the legislative bodies of the District shall continue to conduct their meetings without compliance with Government Code section 54953(b)(3), as authorized by Government Code section 54953(e), and that such legislative bodies shall continue to comply with the requirements to provide the public with access to the meetings as prescribed in Government Code section 54953(e)(2); and

**WHEREAS**, all meeting agendas stating meeting dates, times and the manner in which the public may attend and offer public comment by call-in option or internet-based service option shall be posted, at a minimum, on the District's website and at the District's main office.

**NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE MISSION SPRINGS WATER DISTRICT DOES HEREBY RESOLVE AS FOLLOWS:**

**Section 1. Recitals.**

The recitals set forth above are true and correct and are incorporated into this Resolution by this reference.

**Section 2. Affirmation that Local Emergency Persists.**

The Board of Directors hereby considers the conditions of the state of emergency in the District and proclaims that a local emergency persists throughout the District, and the ongoing risk posed by the highly transmissible COVID-19 virus has caused, and will continue to cause, conditions of peril to the safety of persons within the District; furthermore, the guidance of Riverside County Public Health recommends physical distancing and face coverings.

**Section 3. Re-ratification of Governor's Proclamation of a State of Emergency.**

The Board hereby ratifies the Governor of the State of California's Proclamation of State of Emergency, effective as of its issuance date of March 4, 2020.

**Section 4. Remote Teleconference Meetings.**

The President of the Board of Directors, the District’s General Manager, and legislative bodies of the District are hereby authorized and directed to take all actions necessary to carry out the intent and purpose of this Resolution including conducting open and public meetings in accordance with Government Code section 54953(e) and other applicable provisions of the Brown Act.

**Section 5. Effective Date.**

This Resolution shall take effect immediately upon its adoption and shall be effective until the earlier of (i) April 21, 2022, or such time the Board of Directors adopts a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which the legislative bodies of the District may continue to teleconference without compliance with Government Code section 54953(b)(3).

**Section 6. Certification.**

The Secretary of the Board of Directors shall certify as to the adoption of this Resolution and shall cause the same to be processed in the manner required by law.

PASSED, ADOPTED, AND APPROVED, this \_\_\_\_ day of April 2022, by the following vote:

- AYES:
- NOES:
- ABSENT:
- ABSTAIN:

---

Russ Martin  
 President of Mission Springs Water District  
 and its Board of Directors

ATTEST:

---

Arden Wallum  
 Secretary of Mission Springs Water District  
 and its Board of Directors

# AGENDA STAFF REPORT

MEETING NAME: REGULAR BOARD MEETING(S)

MEETING DATE(S): MARCH 21, 2022

FROM: LEGAL COUNSEL

FOR: ACTION X DIRECTION INFORMATION



---

## PUBLIC HEARING – ORDINANCE NO. 2022-01 - MISSION SPRINGS WATER DISTRICT REDISTRICTING 2022

---

**STAFF RECOMMENDATION:**

It is recommended that Board adopt preferred map Option 2 and corresponding Ordinance No. 2022-01.

**BACKGROUND:**

Every ten years, local governments like MSWD use new census data to redraw their district lines to reflect how local populations have changed. This process, called redistricting, is important to ensure that each board member represents about the same number of constituents. The Board is responsible for adopting boundaries for Director divisions following the federal decennial census. On December 20, 2021, the Board conducted an initial public hearing to receive public testimony on the proposed maps and provided direction to staff and the Board’s demographer consultant, David Ely. On February 22, 2022, the Board conducted a second public hearing. Attached as Exhibit A is the notice of public hearing(s) that ran in the Desert Sun Newspaper, covering the public hearing for this afternoon.

**DISCUSSION:**

Consultant David Ely joined us at the February 22, 2022 public hearing to review and provide input on two map options and demographic detail (i.e., Map Option 1 and Map Option 2) (attached hereto as Exhibit B). The map ultimately adopted by the Board must comply with both state and federal law. Section 22000 of the Elections Code requires that Director Divisions be substantially equal in population (i.e., population deviation between districts is less than 10 percent) and that division boundaries comply with the United States Constitution, the California Constitution and the federal Voting Rights Act of 1965 (52 U.S.C. Sec. 10301 et seq.). In addition, the Election Code provides that in adjusting the boundaries of the divisions, the Board may give consideration to the following factors:

- (1) topography,
- (2) geography,
- (3) cohesiveness, contiguity, integrity, and compactness of territory, and
- (4) community of interests of the division.

In addition, boundaries shall not be drawn to favor or discriminate against a political party or incumbent. The change of boundaries shall not affect the unexpired term of office of any elected Board member.

Following the public hearing on February 22, 2022 and after receiving no public comments or revisions, the Board expressed a preference for Map Option 2. Attached as Exhibit C for Board review and approval is an Ordinance finalizing the adoption of Map Option 2.

**MEETING HISTORY:**

Second Public Hearing – February 22, 2022

Initial Public Hearing – December 20, 2021

**ATTACHMENT(S):**

Exhibit A – Notice of Public Hearing

Exhibit B – Redistricting Draft Map Options & Demographic Analysis

Exhibit C – Ordinance No. 2022-01 — Adoption of Redistricting Map Option 2 and Demographic Analysis

**Item \_\_, Exhibit A**

*Please upload all pertinent attachments using the Municode Meetings ADD ITEM function.*

**PROOF OF PUBLICATION**

**STATE OF CALIFORNIA SS.  
COUNTY OF RIVERSIDE**

MISSION SPRINGS WATER DIST- LG  
66575 2ND ST

DESERT HOT SPRINGS CA 92240

I am over the age of 18 years old, a citizen of the United States and not a party to, or have interest in this matter. I hereby certify that the attached advertisement appeared in said newspaper (set in type not smaller than non pariel) in each and entire issue of said newspaper and not in any supplement thereof of the following issue dates, to wit:

02/04/2022, 02/11/2022

I acknowledge that I am a principal clerk of the printer of The Desert Sun, printed and published weekly in the City of Palm Springs, County of Riverside, State of California. The Desert Sun was adjudicated a Newspaper of general circulation on March 24, 1988 by the Superior Court of the County of Riverside, State of California Case No. 191236.

I certify under penalty of perjury, under the laws of the State of California, that the foregoing is true and correct.. Executed on this 11th of February 2022 in Green Bay, WI, County of Brown.

  
DECLARANT

Ad#:0005103997

P O :

**This is not an invoice**

# of Affidavits: 1

**MISSION SPRINGS WATER DISTRICT  
NOTICE OF PUBLIC HEARING NO. 2 ON REDISTRICTING OF THE BOARD OF DIRECTORS DIVISION BOUNDARIES AND DIVISION MAP(S)**

NOTICE is hereby given that the MISSION SPRINGS WATER DISTRICT (MSWD) will hold a public hearing on the composition of divisions and proposed map(s) in accordance with California Elections Code Section 22001. The purpose of the hearing will be to invite and solicit public comment on the draft division maps which are being published by the District prior to the MSWD Board of Directors considering adoption of a new division map.

The draft division maps to be discussed at the hearing will be published and made available at [www.mswd.org/redistricting](http://www.mswd.org/redistricting), prior to the first public hearing scheduled below.

Election Code Section 22000 requires MSWD to adjust division boundaries after each federal decennial census, and using that census as a basis, adjust the boundaries of its Board of Director divisions so that the divisions are, as far as practicable, equal in population and in compliance with Section 10301 of Title 52 of the United State Code. The public is invited to make comments at the Public Hearing and/or in writing before the hearing regarding the proposed division boundaries for the redistricting process. Written comments may be submitted to Dorl Petee, Executive Assistant, via email at [dpetee@mswd.org](mailto:dpetee@mswd.org) or for written comments by mail to: 66575 Second Street, Desert Hot Springs, CA 92240.

Dates of the public hearings are scheduled at 3:00 p.m. on the following dates:

Scheduled Public Hearings:  
Tuesday, February 22, 2022  
Monday, March 21, 2022

There will not be a physical location for these meetings as it is being conducted pursuant to the Governor's Executive Order N-29-20, and California's Assembly Bill 361 in an effort to protect the public health and prevent the spread of COVID-19 (Coronavirus). The public may attend and participate telephonically or virtually as there will be no public location for attending in person. Members of the public can connect to this meeting, either telephonically or virtually, at <https://us02web.zoom.us/j/8220655340?from=addon> or +1 (408) 638-0968 with meeting ID: 822 065 5340.

/s/ Arden Wallum, District Secretary Pub: 2/4, 2/11/2022



PROOF OF PUBLICATION

STATE OF CALIFORNIA SS.  
COUNTY OF RIVERSIDE

MISSION SPRINGS WATER DIST- LG  
66575 2ND ST

DESERT HOT SPRINGS CA 92240

DISTRITO DE AGUA DE MISSION SPRINGS  
AVISO DE AUDIENCIA PÚBLICA NO. 2 SOBRE LA REDISTRIBUCIÓN DE DISTRITOS DE LA JUNTA DIRECTIVA LÍMITES DE DIVISIÓN Y MAPA(S) DE DIVISIÓN

Por la presente se notifica que el DISTRITO DE AGUA DE MISSION SPRINGS (MSWD) llevará a cabo una audiencia pública sobre la composición de las divisiones y los mapas propuestos de acuerdo con la Sección 22001 del Código Electoral de California. El propósito de la audiencia será invitar y solicitar comentar sobre los mapas preliminares de división que el Distrito está publicando antes de que la Junta Directiva de MSWD considere la adopción de un nuevo mapa de división.

Los proyectos de mapas de división que se discutirán en la audiencia serán publicados y disponible en [www.mswd.org/redistricting](http://www.mswd.org/redistricting), previo a la primera audiencia programada.

La Sección 22000 del Código Electoral requiere que MSWD ajuste los límites de división después de cada censo decenal federal, y usando ese censo como base, ajustar los límites de las divisiones de su Junta Directiva de modo que las divisiones sean, en la medida de lo posible, iguales en población y en cumplimiento con la Sección 10301 del Título 52 del Código de los Estados Unidos. Se invita al público a hacer comentarios en la audiencia pública y/o por escrito antes de la redistribución de distritos. Los comentarios escritos pueden enviarse a Dori Petee, asistente ejecutiva, por correo electrónico a [dpetee@mswd.org](mailto:dpetee@mswd.org) o para comentarios escritos por correo a: 66575 Second Street, Desert Hot Springs, CA 92240.

Las fechas de las audiencias públicas están programadas a las 3:00 pm en las siguientes fechas:

Audiencias Públicas Programadas:  
martes, 22 de febrero de 2022  
lunes, 21 de marzo de 2022

No habrá una ubicación física para estas reuniones, ya que se llevan a cabo de conformidad con la Orden Ejecutiva N-29-20 del Gobernador y el Proyecto de Ley 361 de la Asamblea de California en un esfuerzo por proteger la salud pública y prevenir la propagación de COVID-19 (Coronavirus). El público podrá asistir y participar telefónica o virtualmente ya que no habrá lugar público para asistir presencialmente. Los miembros del público pueden conectarse a esta reunión, ya sea por teléfono o virtualmente, en <https://us02web.zoom.us/j/8220655340?from=addon> o +1 (408) 638-0968 con ID de reunión: 822 065 5340.

// Arden Wallum, Secretario de Distrito  
Publicado: 4th & 11th de febrero de 2022  
Published: 2/4, 2/11/2022

I am over the age of 18 years old, a citizen of the United States and not a party to, or have interest in this matter. I hereby certify that the attached advertisement appeared in said newspaper (set in type not smaller than non pariel) in each and entire issue of said newspaper and not in any supplement thereof of the following issue dates, to wit:

02/04/2022, 02/11/2022

I acknowledge that I am a principal clerk of the printer of The Desert Sun, printed and published weekly in the City of Palm Springs, County of Riverside, State of California. The Desert Sun was adjudicated a Newspaper of general circulation on March 24, 1988 by the Superior Court of the County of Riverside, State of California Case No. 191236.

I certify under penalty of perjury, under the laws of the State of California, that the foregoing is true and correct.. Executed on this 11th of February 2022 in Green Bay, WI, County of Brown.

  
DECLARANT

Ad#:0005104002

P O :

This is not an invoice

# of Affidavits: 1

**PROOF OF PUBLICATION**

**STATE OF CALIFORNIA SS.  
COUNTY OF RIVERSIDE**

MISSION SPRINGS WATER DIST- LG  
66575 2ND ST

DESERT HOT SPRINGS CA 92240

I am over the age of 18 years old, a citizen of the United States and not a party to, or have interest in this matter. I hereby certify that the attached advertisement appeared in said newspaper (set in type not smaller than non pariel) in each and entire issue of said newspaper and not in any supplement thereof of the following issue dates, to wit:

02/04/2022, 02/11/2022

I acknowledge that I am a principal clerk of the printer of The Desert Sun, printed and published weekly in the City of Palm Springs, County of Riverside, State of California. The Desert Sun was adjudicated a Newspaper of general circulation on March 24, 1988 by the Superior Court of the County of Riverside, State of California Case No. 191236.

I certify under penalty of perjury, under the laws of the State of California, that the foregoing is true and correct.. Executed on this 11th of February 2022 in Green Bay, WI, County of Brown.

  
DECLARANT

Ad#:0005103997

P O :

**This is not an invoice**

# of Affidavits: 1

**MISSION SPRINGS WATER DISTRICT  
NOTICE OF PUBLIC HEARING NO. 2 ON REDISTRICTING OF THE BOARD OF DIRECTORS DIVISION BOUNDARIES AND DIVISION MAP(S)**

NOTICE is hereby given that the MISSION SPRINGS WATER DISTRICT (MSWD) will hold a public hearing on the composition of divisions and proposed map(s) in accordance with California Elections Code Section 22001. The purpose of the hearing will be to invite and solicit public comment on the draft division maps which are being published by the District prior to the MSWD Board of Directors considering adoption of a new division map.

The draft division maps to be discussed at the hearing will be published and made available at [www.mswd.org/redistricting](http://www.mswd.org/redistricting), prior to the first public hearing scheduled below.

Election Code Section 22000 requires MSWD to adjust division boundaries after each federal decennial census, and using that census as a basis, adjust the boundaries of its Board of Director divisions so that the divisions are, as far as practicable, equal in population and in compliance with Section 10301 of Title 52 of the United State Code. The public is invited to make comments at the Public Hearing and/or in writing before the hearing regarding the proposed division boundaries for the redistricting process. Written comments may be submitted to Dorl Petee, Executive Assistant, via email at [dpetee@mswd.org](mailto:dpetee@mswd.org) or for written comments by mail to: 66575 Second Street, Desert Hot Springs, CA 92240.

Dates of the public hearings are scheduled at 3:00 p.m. on the following dates:

**Scheduled Public Hearings:**  
Tuesday, February 22, 2022  
Monday, March 21, 2022

There will not be a physical location for these meetings as it is being conducted pursuant to the Governor's Executive Order N-29-20, and California's Assembly Bill 361 in an effort to protect the public health and prevent the spread of COVID-19 (Coronavirus). The public may attend and participate telephonically or virtually as there will be no public location for attending in person. Members of the public can connect to this meeting, either telephonically or virtually, at <https://us02web.zoom.us/j/8220655340?from=addon> or +1 (408) 638-0968 with meeting ID: 822 065 5340.

/s/ Arden Wallum, District Secretary Pub: 2/4, 2/11/2022





PROOF OF PUBLICATION

STATE OF CALIFORNIA SS.  
COUNTY OF RIVERSIDE

MISSION SPRINGS WATER DIST- LG  
66575 2ND ST

DESERT HOT SPRINGS CA 92240

DISTRITO DE AGUA DE MISSION SPRINGS  
AVISO DE AUDIENCIA PÚBLICA NO. 2 SOBRE LA REDISTRIBUCIÓN DE DISTRITOS DE LA JUNTA DIRECTIVA LÍMITES DE DIVISIÓN Y MAPA(S) DE DIVISIÓN

Por la presente se notifica que el DISTRITO DE AGUA DE MISSION SPRINGS (MSWD) llevará a cabo una audiencia pública sobre la composición de las divisiones y los mapas propuestos de acuerdo con la Sección 22001 del Código Electoral de California. El propósito de la audiencia será invitar y solicitar comentar sobre los mapas preliminares de división que el Distrito está publicando antes de que la Junta Directiva de MSWD considere la adopción de un nuevo mapa de división.

Los proyectos de mapas de división que se discutirán en la audiencia serán publicados y disponible en [www.mswd.org/redistricting](http://www.mswd.org/redistricting), previo a la primera audiencia programada.

La Sección 22000 del Código Electoral requiere que MSWD ajuste los límites de división después de cada censo decenal federal, y usando ese censo como base, ajustar los límites de las divisiones de su Junta Directiva de modo que las divisiones sean, en la medida de lo posible, iguales en población y en cumplimiento con la Sección 10301 del Título 52 del Código de los Estados Unidos. Se invita al público a hacer comentarios en la audiencia pública y/o por escrito antes de la redistribución de distritos. Los comentarios escritos pueden enviarse a Dori Petee, asistente ejecutiva, por correo electrónico a [dpetee@mswd.org](mailto:dpetee@mswd.org) o para comentarios escritos por correo a: 66575 Second Street, Desert Hot Springs, CA 92240.

Las fechas de las audiencias públicas están programadas a las 3:00 pm en las siguientes fechas:

Audiencias Públicas Programadas:  
martes, 22 de febrero de 2022  
lunes, 21 de marzo de 2022

No habrá una ubicación física para estas reuniones, ya que se llevan a cabo de conformidad con la Orden Ejecutiva N-29-20 del Gobernador y el Proyecto de Ley 361 de la Asamblea de California en un esfuerzo por proteger la salud pública y prevenir la propagación de COVID-19 (Coronavirus). El público podrá asistir y participar telefónica o virtualmente ya que no habrá lugar público para asistir presencialmente. Los miembros del público pueden conectarse a esta reunión, ya sea por teléfono o virtualmente, en <https://us02web.zoom.us/j/8220655340?from=addon> o +1 (408) 638-0968 con ID de reunión: 822 065 5340.

// Arden Wallum, Secretario de Distrito  
Publicado: 4th & 11th de febrero de 2022  
Published: 2/4, 2/11/2022

I am over the age of 18 years old, a citizen of the United States and not a party to, or have interest in this matter. I hereby certify that the attached advertisement appeared in said newspaper (set in type not smaller than non pariel) in each and entire issue of said newspaper and not in any supplement thereof of the following issue dates, to wit:

02/04/2022, 02/11/2022

I acknowledge that I am a principal clerk of the printer of The Desert Sun, printed and published weekly in the City of Palm Springs, County of Riverside, State of California. The Desert Sun was adjudicated a Newspaper of general circulation on March 24, 1988 by the Superior Court of the County of Riverside, State of California Case No. 191236.

I certify under penalty of perjury, under the laws of the State of California, that the foregoing is true and correct.. Executed on this 11th of February 2022 in Green Bay, WI, County of Brown.

  
DECLARANT

Ad#:0005104002

P O :

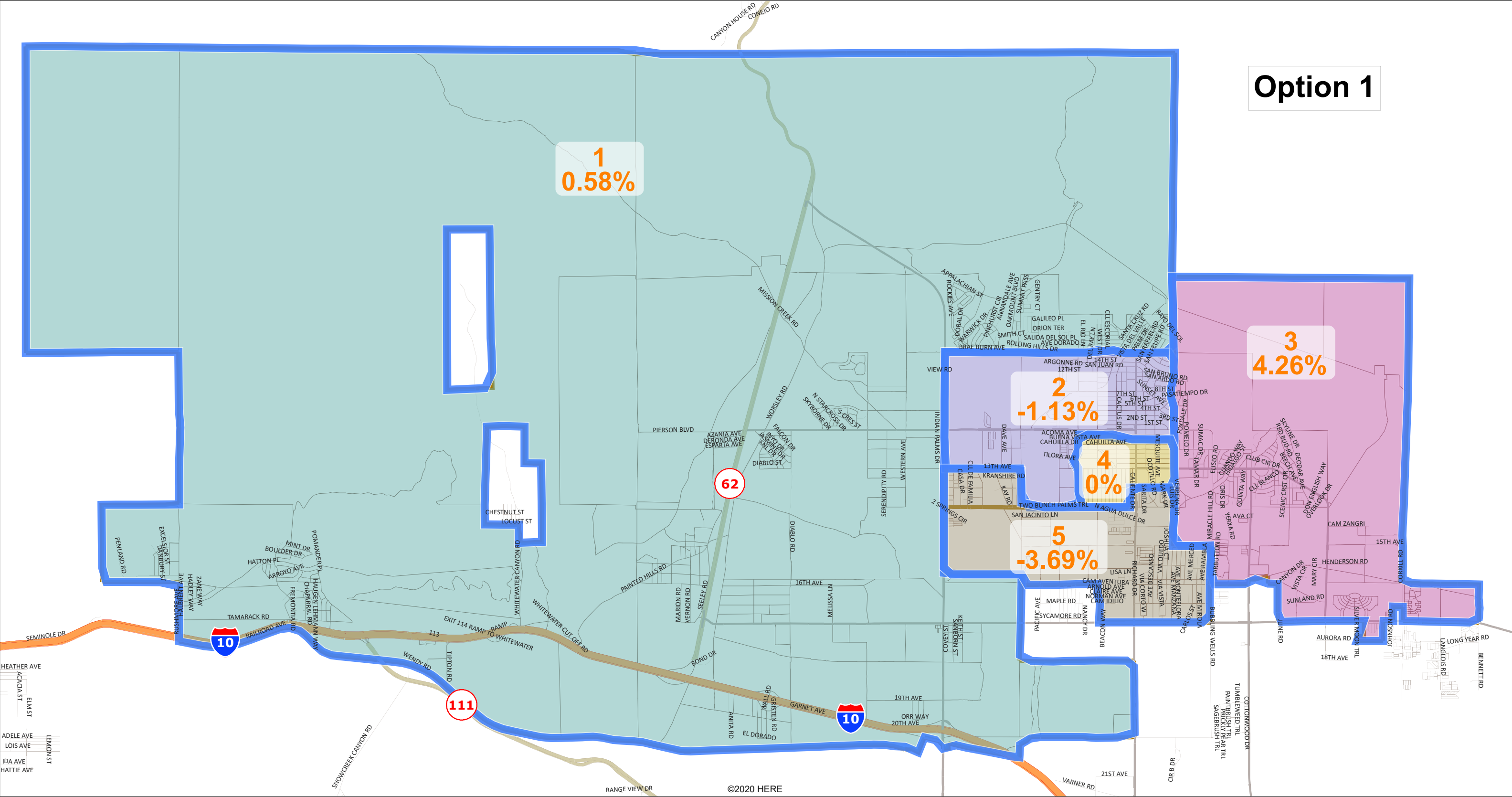
This is not an invoice

# of Affidavits: 1

**Item \_\_, Exhibit B**

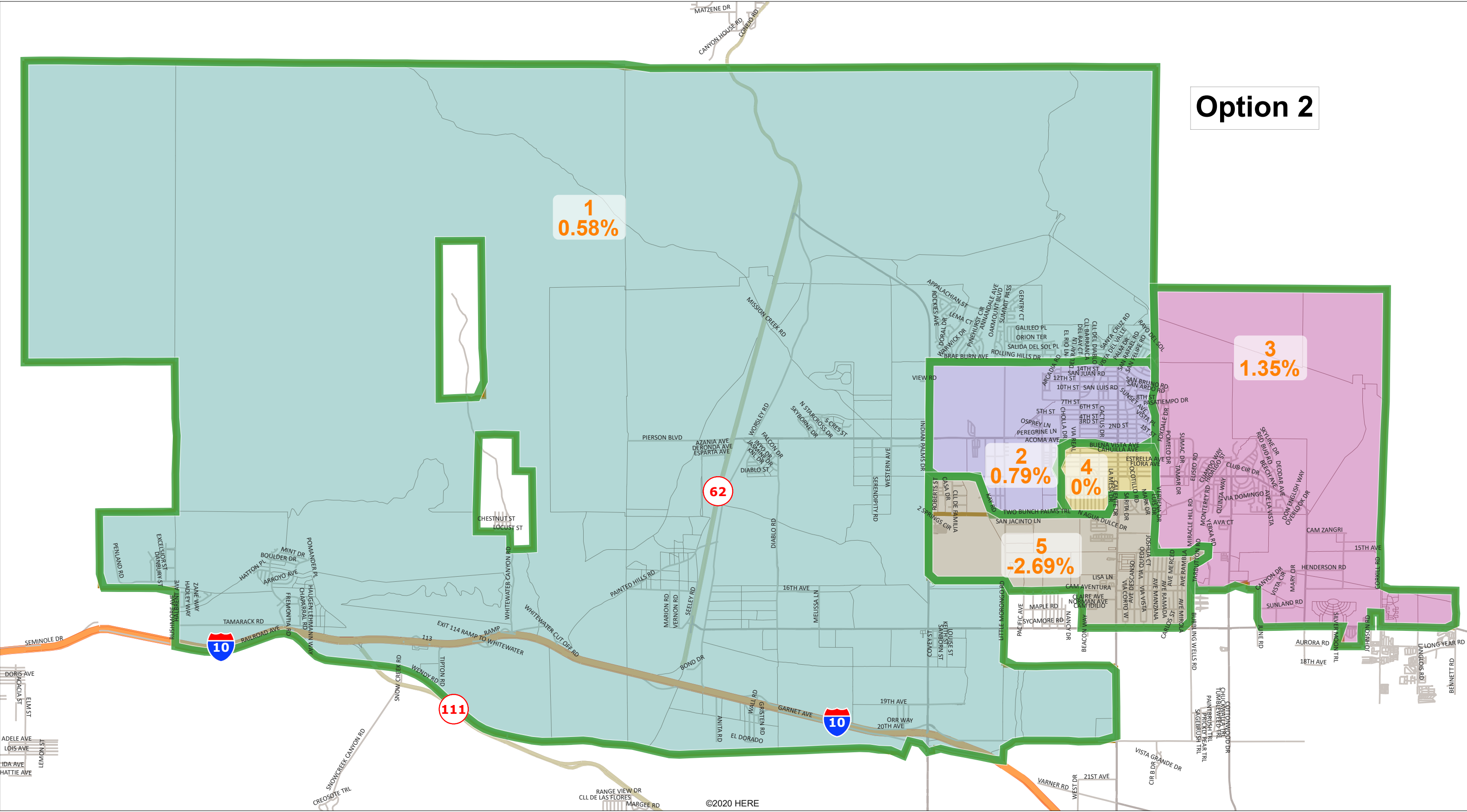
*Please upload all pertinent attachments using the Municode Meetings ADD ITEM function.*

# Option 1



©2020 HERE

# Option 2



©2020 HERE

**Item \_\_, Exhibit C**

*Please upload all pertinent attachments using the Municode Meetings ADD ITEM function.*

## ORDINANCE NO. 2022-01

### AN ORDINANCE OF THE MISSION SPRINGS WATER DISTRICT ADJUSTING BOUNDARIES OF DIRECTOR ELECTORAL DIVISIONS

The Board of Directors (“Board”) of the Mission Springs Water District does hereby ordain as follows:

**SECTION 1:** The Board finds and determines:

- (a) The U.S. Census Bureau is required by Article I, Section 2, of the U.S. Constitution to conduct an accurate count of the population every ten years;
- (b) California Elections Code Section 22000 *et seq.* requires that “after each federal decennial census, and using that census as a basis, adjust the boundaries of any divisions so that the divisions are, as far as practicable, equal in population and in compliance with Section 10301 of Title 52 of the United States Code, as amended, to the extent those provisions apply;”
- (c) The California Elections Code Section 22000.1(b)(1) requires that the Board adopt adjusted division boundaries no later than April 17, 2022;
- (d) The Board held public hearings on December 20, 2021, February 22, 2022, and March 21, 2022 to receive public testimony relating to redistricting criteria and communities of interest, and directed staff and the District’s demographic consultant to prepare draft division plans for consideration;
- (e) At its February 22, 2022 public hearing, the Board received a presentation on two draft maps (i.e., Map Option 1 and Map Option 2) prepared by the District’s demographic consultant for compliance with applicable laws and standards;
- (f) At its February 22, 2022 public hearing, the Board expressed preference for Map Option 2 (“Preferred Map”) and directed no changes to it;
- (g) At each of the public hearings on redistricting, the Board heard staff’s presentation relating to “communities of interest,” which led the Board to reach the following determinations about communities of interest on the Preferred Map relevant to Mission Springs Water District voting divisions as required under federal and state law:
  - (1) *The divisions are geographically contiguous.* The divisions are arrayed in a simple and logical form without any islands and minimal intrusions from the area of one division into another;
  - (2) *To the extent practicable, the Preferred Map respects the geographic integrity of local neighborhoods and local communities of interest.* The map redraws division lines to better align with communities of interest and most other County municipalities.

- (3) *The Preferred Map respects the geographic integrity of cities and census designated places, with divisions in those cities and places minimized.* The Preferred Map also respects in large part the jurisdictional boundaries of the County's other cities and special districts.
- (4) *The divisions are easily identifiable and understandable by residents.* The divisions in the Preferred Map form a relatively simple pattern.
- (5) *To the extent practicable, the divisions are geographically compact.* Their configurations for the most part are compact, simple shapes, with nearby populations included in the same divisions.
- (6) *The divisions are balanced in terms of total population and voting age population.* The divisions are well within the one-person/one-vote deviations permitted under federal and state voting rights laws.
- (7) *The divisions conform to concentration of minority voters.*

(h) All information in the staff reports, maps, presentations, Board debate and public testimony referenced above is hereby incorporated into this decision and serves as evidentiary basis for these findings and legislative decision.

**SECTION 2:** Pursuant to the provisions of the Fair Maps Act of 2019 as amended in 2020, codified at California Elections Code section 21500 to 21509, after giving consideration to those provisions and applicable decisions of the courts, the Board hereby adjusts, changes, and establishes the boundaries of the director divisions as set forth on the Preferred Map considered by the Board at its public hearing on March 21, 2022, and reflected in Exhibits A and B hereto, and they shall constitute and are hereby established as the boundaries of the director divisions of the Mission Springs Water District for subsequent elections until further readjustment is required by law.

**SECTION 3:** Notwithstanding any other provision of this chapter, and pursuant to California Elections Code section 22000, subdivision (e)(1) and (2), each of the directors in office at the time this Ordinance takes effect shall continue in office until the expiration of the full term to which he or she was elected and until his or her successor is qualified, and any vacancy in a term currently underway shall be filled based on the divisions in effect at the time the current directors were elected

**SECTION 4:** All ordinances and resolutions, or parts thereof in conflict with this ordinance are hereby repealed.

**SECTION 5:** The General Manager is directed to take all necessary steps to give effect to this Ordinance. If necessary to facilitate the implementation of this Ordinance, the General Manager or his or her designee is authorized to make technical adjustments to the division boundaries that do not substantively affect the populations in the divisions, the eligibility of candidates, or the residence of elected officials within any division. The

General Manager shall consult with District General Counsel concerning any technical adjustments deemed necessary and shall advise the Board of any such adjustments required in the implementation of the divisions.

**SECTION 6:** This Ordinance is adopted following three noticed public hearings as required by California Elections Code section 22001, and shall take effect and be in full force immediately upon adoption.

**SECTION 7:** This Ordinance shall become effective immediately pursuant to California Water Code section 31027.

**ADOPTED** this \_\_\_\_ day of March 2022, by the following vote:

- Ayes:
- Noes:
- Absent:
- Abstain:

---

Russ Martin  
 President of Mission Springs Water District  
 and its Board of Directors

ATTEST:

---

Arden Wallum

APPROVED AS TO FORM:

---

John Pinkney  
 District Counsel



**CERTIFICATION OF ADOPTION**

STATE OF CALIFORNIA )  
                                  )  
COUNTY OF RIVERSIDE )

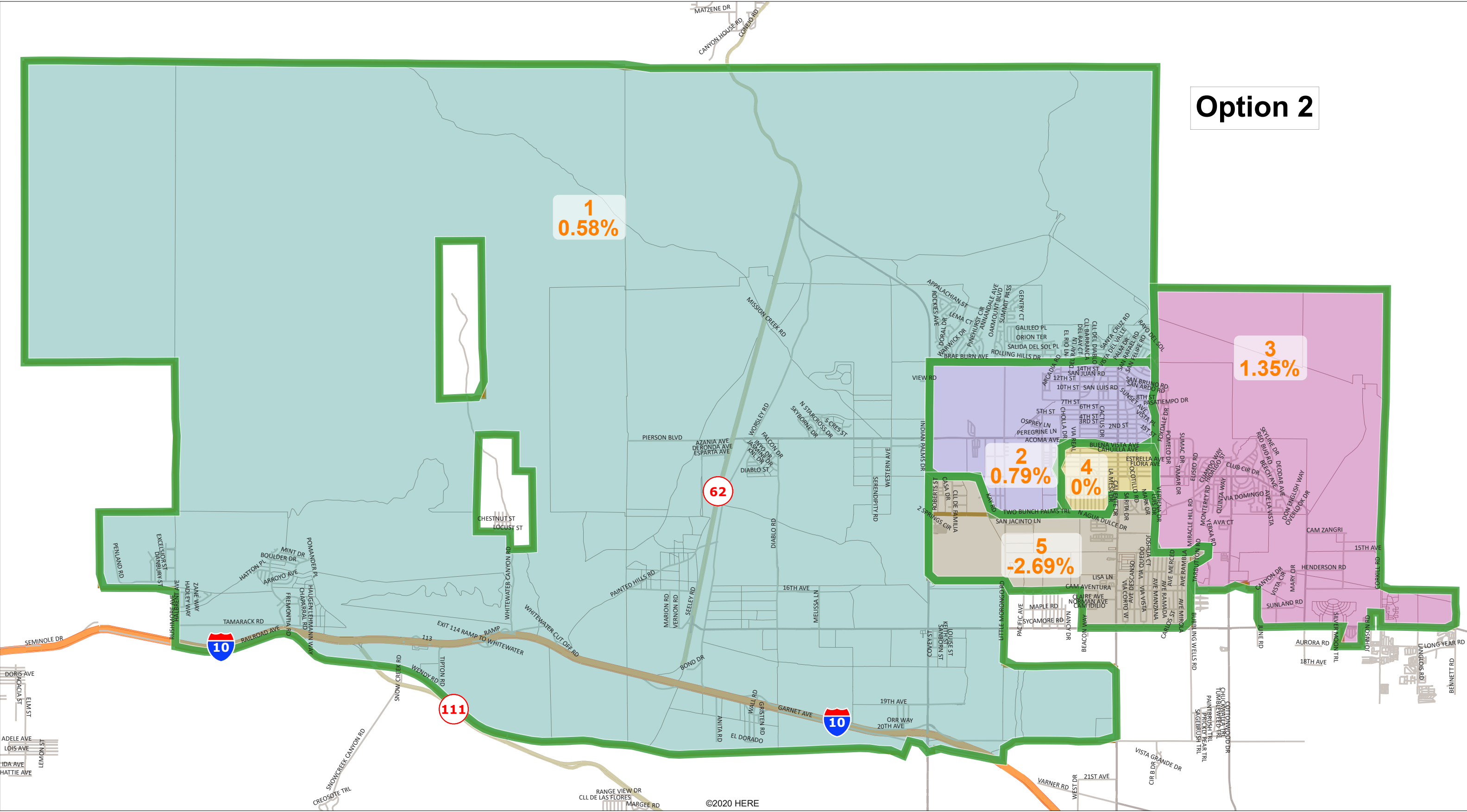
I, Arden Wallum, Secretary of the Board of Directors of Mission Springs Water District, certify that the foregoing is a full, true and correct copy of Ordinance No. **2022-01**, which was adopted by the Board of Directors of said District at its regular meeting held \_\_\_\_\_, 2022.

It has not been amended or repealed.

Dated: XXXXXX

\_\_\_\_\_  
Arden Wallum  
Secretary of Mission Springs Water  
District  
and its Board of Directors

**EXHIBIT A**  
**[MAP OF ADOPTED DIVISION LINES]**



# Option 2

**EXHIBIT B**

**[DEMOGRAPHIC ANALYSIS FOR ADOPTED DIRECTOR DIVISIONS]**

District	Option 2					Overall Deviation
	1	2	3	4	5	
<b>Population_B20</b>	8,930	8,948	8,998	8,878	8,639	
<b>Deviation</b>	52	70	120	0	-239	358
<b>% Deviation</b>	0.6%	0.8%	1.3%	0.0%	-2.7%	4.0%
<b>% Latino</b>	43.0%	59.6%	51.3%	73.8%	77.3%	
<b>% White</b>	42.4%	25.4%	33.6%	14.9%	14.7%	
<b>% Black</b>	6.3%	9.4%	8.5%	7.4%	4.5%	
<b>% Asian</b>	4.0%	2.3%	3.2%	1.4%	1.4%	
<b>Voting Age Population</b>						
<b>% Latino</b>	37.7%	54.6%	45.0%	70.1%	73.2%	
<b>% White</b>	47.9%	30.5%	40.7%	18.1%	18.7%	
<b>% Black</b>	5.7%	8.6%	7.3%	7.6%	4.3%	
<b>% Asian</b>	4.1%	2.9%	3.6%	1.7%	1.7%	
<b>Citizen Voting Age Population</b>						
<b>% Latino</b>	26.5%	39.5%	30.2%	46.4%	58.2%	
<b>% White</b>	61.0%	45.3%	52.2%	35.7%	28.1%	
<b>% Black</b>	7.4%	12.2%	13.3%	13.3%	8.9%	
<b>% Asian</b>	3.7%	1.9%	2.9%	3.2%	2.4%	
<b>% All Other</b>	1.3%	1.0%	1.6%	1.3%	2.4%	
<b>2020 Registered</b>						
<b>Spanish Surnamed</b>	24.6%	40.1%	30.8%	54.4%	55.8%	
<b>Asian Surnamed</b>	2.3%	1.9%	1.8%	2.3%	1.7%	
<b>Other</b>	73.1%	58.0%	67.4%	43.3%	42.5%	
<b>2020 Voted</b>						
<b>Spanish Surnamed</b>	22.7%	37.2%	27.5%	52.2%	52.8%	
<b>Asian Surnamed</b>	2.3%	1.8%	1.7%	2.3%	1.8%	
<b>Other</b>	74.9%	61.1%	70.8%	45.5%	45.4%	

# AGENDA STAFF REPORT

**MEETING NAME:** REGULAR BOARD MEETING

**MEETING DATE(S):** MARCH 17 & 21, 2022

**FROM:** DIRECTOR OF FINANCE AND ACCOUNTING –  
ARTURO CEJA

**FOR:** ACTION  DIRECTION  INFORMATION




---

## ACCEPT AUDITED FINANCIAL STATEMENTS FOR THE YEAR ENDED JUNE 30, 2021

---

### STAFF RECOMMENDATION

Review and accept the audited financial statements as presented by Rogers, Anderson, Malody & Scott, LLP (RAMS), District auditors, for the year ended June 30, 2021.

### SUMMARY

The annual audit has been completed by RAMS and is ready for acceptance by the Board. Upon acceptance, District staff will distribute to all interested parties required under state law, debt agreements, etc.

### ANALYSIS

The Financial Statement audit is now complete for the year ended June 30, 2021. An annual financial statement audit is required by the California Water Code and submitted to the State Controller's Office. A draft of the audit will be presented by RAMS, and, upon acceptance, final, bound copies will be distributed.

### FISCAL IMPACT

None directly, although these financial statements will be used as indicators of the District's financial performance and health. They help assess the District's credit worthiness and identify existing obligations and commitments that must be covered by future cash flows.

### ATTACHMENTS

Draft Audit Report.

***Mission Springs Water District***  
***Desert Hot Springs, California***

**Basic Financial Statements**

For the fiscal year ended June 30, 2021

Prepared by:  
Finance Department

(This page intentionally left blank.)



## TABLE OF CONTENTS

	<u>PAGE</u>
<b>FINANCIAL SECTION:</b>	
Independent Auditor’s Report .....	1
Management’s Discussion and Analysis .....	4
Basic Financial Statements:	
Statement of Net Position .....	10
Statement of Revenues, Expenses, and Changes in Net Position .....	12
Statement of Cash Flows .....	13
Notes to Financial Statements .....	15
Required Supplementary Information:	
Schedule of the District’s Proportionate Share of the Net Pension Liability and Related Ratios as of the Measurement Date .....	41
Schedule of Pension Plan Contributions .....	42
<b>SUPPLEMENTARY INFORMATION (UNAUDITED):</b>	
Statement of Operating Expenses by Natural Classification .....	43
Schedules of Principal and Interest Repayments:	
Note Payable - Assessment District #4 Special Assessment Bonds, Series R-1 .....	44
Note Payable - Assessment District #7 Special Assessment Bonds .....	45
Note Payable - Certificates of Participation – United States Department of Agriculture .....	46
Note Payable - Installment Sale Agreement – Assessment District #12, Phase I and II – Refinance .....	47
Note Payable - Installment Sale Agreement – Mission Creek – 80 Acres .....	48
Note Payable - State Revolving Fund – Assessment District #12, Phase IV .....	49
Note Payable - Installment Sale Agreement – Assessment District #12, Phase V .....	50
Note Payable - Installment Sale Agreement – Assessment District #12, Phase VI .....	51

(This page intentionally left blank.)

**Financial Section**

(This page intentionally left blank.)

*Independent Auditor's Report*

Members of the Board of Directors  
Mission Springs Water District  
Desert Hot Springs, California

**Report on the Audit of the Financial Statements**

***Opinion***

We have audited the accompanying financial statements of the Mission Springs Water District (District) as of and for the year ended June 30, 2021, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of the District, as of June 30, 2021, and the changes in financial position and cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America, as well as accounting systems prescribed by the California State Controller's office and state regulations governing special districts.

***Basis for Opinion***

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS), the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, and the State Controller's *Minimum Audit Requirements for California Special Districts*. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the District and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

***Responsibility of Management for the Financial Statements***

The District's management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the District's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

***Auditor's Responsibilities for the Audit of the Financial Statements***

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the District's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the District's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

**Required Supplementary Information**

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis and the schedules listed in the table of contents be presented to supplement the basic financial statements. Such information is the responsibility of management and, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

**Other Information**

Our audit was conducted for the purpose of forming an opinion on the financial statements that collectively comprise the District's basic financial statements. The supplementary information, as listed in the table of contents, is presented for purposes of additional analysis and is not a required part of the basic financial statements.

The supplementary information has not been subjected to the auditing procedures applied in the audit of the basic financial statements, and accordingly, we do not express an opinion or provide any assurance on it.

**Other Reporting Required by Government Auditing Standards**

In accordance with *Government Auditing Standards*, we have also issued our report dated **March xx, 2022**, on our consideration of the District's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the District's internal control over financial reporting and compliance

*Rogers, Anderson, Malody & Scott, LLP.*

San Bernardino, California

**March xx, 2022**

**Management's Discussion and Analysis  
For the fiscal year ended June 30, 2021**

---

The following Management's Discussion and Analysis (MD&A) provides an overview of the financial performance and activities of the Mission Springs Water District (District) for the fiscal year ended June 30, 2021. We encourage readers to consider the information presented here in conjunction with the basic financial statements and related notes, which follow this section.

**Overview of the Basic Financial Statements**

The District is a utility enterprise and presents its financial statements using the economic resources measurement focus and the full accrual basis of accounting. The District's basic financial statements include the statement of net position, statement of revenues, expenses, and changes in net position and statement of cash flows. The financial statements also include notes that explain some of the information in the financial statements and provide more detailed data.

The statement of net position presents information on all the District's assets and deferred outflows of resources and liabilities and deferred inflows of resources, with the difference between the two reported as net position. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position of the District is improving or deteriorating.

The statement of revenues, expenses, and changes in net position presents information showing how the District's net position changed during the most recent fiscal year. All changes in net position are reported as soon as the underlying event giving rise to the change occurs, regardless of the timing of related cash flows. Thus, revenues and expenses are recognized on the accrual basis.

The statement of cash flows is related to the other financial statements by the way it links changes in assets and deferred outflows of resources and liabilities and deferred inflows of resources to the effect on cash and cash equivalents over the course of the fiscal year.

The notes to the financial statements provide useful information regarding the District's significant accounting policies, and they explain significant account balances and activities, certain material risks, obligations, commitments, contingencies and subsequent events, if any.

**Financial Highlights**

- The assets and deferred outflows of resources of the District exceeded its liabilities and deferred inflows of resources at the close of the most recent fiscal year by \$161,504,448 (net position). Of this amount, \$40,013,656 represents unrestricted net position, which represents net position available for designation by the board.
- The District's total net position increased \$7,525,249 from the prior fiscal year mainly attributable to net operating revenues.



**Management’s Discussion and Analysis  
For the fiscal year ended June 30, 2021**

---

**Financial Analysis of the District**

The statement of net position and the statement of revenues, expenses, and changes in net position provide an indication of the District’s financial health. It provides a basis for evaluating the capital structure and assessing the liquidity and financial flexibility of the District.

The following tables summarize the District’s financial condition and the changes in its net position for the past two years.

**Statements of Net Position**

**Consolidated Statements of Net Position**

	June 30		Change	
	2021 (in thousands)	2020 (in thousands)	Dollars (in thousands)	Percentage
<b>Assets</b>				
Current and other noncurrent assets	\$ 52,345	\$ 47,653	\$ 4,692	10%
Restricted assets	303	303	-	0%
Capital assets, net	129,510	127,840	1,670	1%
Total assets	<u>182,158</u>	<u>175,796</u>	<u>6,362</u>	4%
<b>Deferred outflows of resources</b>	<u>1,939</u>	<u>2,494</u>	<u>(555)</u>	-22%
<b>Liabilities</b>				
Current liabilities	6,904	7,831	(927)	-12%
Noncurrent liabilities	15,266	15,756	(490)	-3%
Total liabilities	<u>22,170</u>	<u>23,587</u>	<u>(1,417)</u>	-6%
<b>Deferred inflows of resources</b>	<u>422</u>	<u>723</u>	<u>(301)</u>	-42%
<b>Net position</b>				
Net investment in capital assets	121,188	118,850	2,338	2%
Restricted	303	303	-	0%
Unrestricted	40,014	34,827	5,187	15%
Total net position	<u>\$ 161,505</u>	<u>\$ 153,980</u>	<u>\$ 7,525</u>	5%

As shown above, the District’s total assets exceeded liabilities and deferred inflows of resources by \$161.5 million and \$154.0 million as of June 30, 2021 and 2020, respectively, an increase in net position of \$7.5 million between 2021 and 2020.

**Management's Discussion and Analysis  
For the fiscal year ended June 30, 2021****Statements of Revenues, Expenses and Changes in Net Position**

The statement of revenues, expenses and changes in net position provide information on the nature and sources of these changes. For the fiscal years ended June 30, 2021 and 2020, the District's net position increased by \$7.5 million and \$6.4 million, respectively, as shown by the table below.

**Condensed Statements of Revenues, Expenses and Changes in Net Position**

	Year ended June 30		Change	
	2021 (in thousands)	2020 (in thousands)	Dollars (in thousands)	Percentage
<b>Operating revenue</b>				
Sales	\$ 9,357	\$ 7,559	\$ 1,798	24%
Services	10,465	9,549	916	10%
Other operating revenue	2,046	1,679	367	22%
Total operating revenue	21,868	18,787	3,081	16%
<b>Total operating expenses</b>	17,416	17,002	414	2%
Operating income	4,452	1,785	2,667	149%
Property taxes and special assessments	2,528	2,645	(117)	-4%
Investment earnings, other	145	963	(818)	-85%
Grants	656	1,352	(696)	-51%
Net nonoperating revenues	3,329	4,960	(1,631)	-33%
Interest expense	294	331	(37)	-11%
Other	35	59	(24)	-41%
Net nonoperating expenses	329	390	(61)	-16%
Income before contributions	7,452	6,355	1,097	17%
Capital contributions	73	78	(5)	-6%
Change in net position	7,525	6,433	\$ 1,092	17%
Net position, beginning of year	153,980	147,547		
Net position, end of year	\$ 161,505	\$ 153,980		

**Operating Revenues**

Fiscal year 2020/2021 saw an increase in operating revenue of 16%. This was due to a scheduled rate increase and increased production/sales. While total operating expenses only increased by 2%, a net operating income of \$4.5 million was accomplished.

**Nonoperating Revenues/Expenses and Capital Contributions**

Net nonoperating revenue decreased 33% over the prior mostly attributable to grants ending in the prior year. This difference is mostly associated to the timing of grant awards.

Capital contributions decreased by 6% from the prior year. This is mostly attributable to the timing of development related projects.

**Management's Discussion and Analysis  
For the fiscal year ended June 30, 2021**

---

**Capital Asset Administration**

The District's investments in capital assets, net of accumulated depreciation, as of June 30, 2021 and June 30, 2020 were as follows:

**Error! Not a valid link.** For more information regarding the District's capital assets, please refer to note 3 of the notes to financial statements.

**Categories of Net Position**

The District is required to present its net position in three categories: Net investment in capital assets, Restricted, and Unrestricted.

Net Investment in Capital Assets

At June 30, 2021, the amount the District had invested in capital assets, net of related debt was \$121.2 million. This balance was obtained by combining land of \$1.4 million, construction in progress of \$20.1 million with capital assets in service, net of accumulated depreciation of \$108.0 million and minus long-term liabilities of \$8.3 million.

Restricted Net Position – Debt Reserve

The District has restricted net position of \$302.5 thousand, which consists of debt reserve fund required by a project finance agreement with the California State Water Resources Control Board.

Unrestricted Net Position

The District had unrestricted Net Position of \$40.0 million at June 30, 2021. The Board of Directors has designated \$31.8 million of unrestricted net position to capital reserve for the future replacement, and major repairs, of infrastructure of the District. The board has also designated \$150 thousand of unrestricted net position for the purpose of self-insuring the District against any claims made against the District.

**Management’s Discussion and Analysis  
For the fiscal year ended June 30, 2021**

---

**Long-term Liabilities**

	June 30		Change	
	2021 (in thousands)	2020 (in thousands)	Dollars (in thousands)	Percentage
Special Assessment Bond - Assessment District #4	\$ 8	\$ 12	\$ (4)	-33%
Special Assessment Bond - Assessment District #7	58	70	(12)	-17%
COP - U.S. Department of Agriculture - 2001	246	253	(7)	-3%
Installment sale agreement - City National Bank - 2017	1,475	1,717	(242)	-14%
Installment sale agreement - Holman Capital Corporation	228	242	(14)	-6%
SWRCD - Assessment District #12, Phase IV	3,388	3,611	(223)	-6%
Installment sale agreement - City National Bank - 2013	891	945	(54)	-6%
Installment sale agreement - BBVA Compass Bank - 2014	2,028	2,139	(111)	-5%
Total long-term liabilities	<u>\$ 8,322</u>	<u>\$ 8,989</u>	<u>\$ (667)</u>	-7%

For more information regarding the District’s long-term liabilities, please refer to note 5 of the notes to financial statements.

**Water Rates and Other Charges**

On February 16, 2016, the Board of Directors adopted a five-year rate increase that was effective March 1, 2016, and January 1, 2017, 2018, 2019 and 2020. This increase has greatly improved the financial position of the District since its inception. Information related to this rate action as well as other information about the District’s rates can be found on the District website.

**Conditions Affecting Current Financial Position**

Signs of the COVID -19 pandemic first appeared in California in February 2020. Shortly after that, Governor Newsom issued a statewide safer-at-home order for all residents in response to the pandemic. While water utility services are considered essential and exempt from the Governor’s order, the District, in an abundance of caution, immediately began transitioning staff to a split teleworking schedule with minimal disruption in essential service delivery. The District has followed and continues to follow the state’s guidelines to safeguard the health of customers and employees. While some restrictions were lifted then reinstated, some still in effect through the end of the fiscal year caused the cancellation of planned events and projects that involve face-to-face encounters.

**Management's Discussion and Analysis  
For the fiscal year ended June 30, 2021**

---

Initial studies warned of significant revenue and cost impacts to water utilities across the country in terms of lost sales from non-residential customers, rise in delinquencies due to rising unemployment, as well as higher expenses related to operational actions taken in response to the pandemic. To date however, the District has not seen any significant impacts of the pandemic on its major revenue sources - water sales, standby charge, or taxes. But there has been a notable decrease in water conservation program costs due to cancellation of events and projects impacted by the COVID-19 restrictions in effect.

The District established guidelines to mitigate the revenue shortfall and increase in operating costs by limiting expenses to essential purchases and contracts. The District also implemented a strict office cleaning, disinfecting and monitoring, limiting the entrance of vendors and contractors to District offices and providing customers with the ability to meet by appointment while the lobby remained closed. Our customer's well-being remain our top priority and we continue to offer the best customer service experience despite the limitations placed by the pandemic.

**Requests for Information**

This financial report is designed to provide the District's funding sources, customers, stakeholders and other interested parties with an overview of the District's financial operations and overall financial condition. Should the reader have questions regarding the information included in this report or wish to request additional financial information, please contact the District's Director of Finance and Accounting at 66575 Second Street, Desert Hot Springs, CA 92240.

## Basic Financial Statements

(This page intentionally left blank.)

*Mission Springs Water District*

**Statement of Net Position  
June 30, 2021**

	Water	Sewer	Total
<b>ASSETS</b>			
Current assets:			
Cash and investments (note 2)	\$ 19,634,216	\$ 19,346,806	\$ 38,981,022
Receivables:			
Accounts	2,965,814	473,020	3,438,834
Other	1,373,981	49,684	1,423,665
Taxes	39,829	20,791	60,620
Assessments	-	777,821	777,821
Prepaid expenses	34,173	14,935	49,108
Inventory	326,940	127,327	454,267
Note receivable, current portion	15,585	-	15,585
Total current assets	<u>24,390,538</u>	<u>20,810,384</u>	<u>45,200,922</u>
Restricted assets:			
Cash and investments (note 2)	-	302,510	302,510
Total restricted assets	<u>-</u>	<u>302,510</u>	<u>302,510</u>
Noncurrent assets:			
Capital assets, not being depreciated (note 3)	12,581,076	8,962,906	21,543,982
Capital assets, net of depreciation (note 3)	52,023,656	55,941,941	107,965,597
Note receivable, net of current portion	46,387	-	46,387
Assessments receivable, net of current portion	-	7,098,493	7,098,493
Total noncurrent assets	<u>64,651,119</u>	<u>72,003,340</u>	<u>136,654,459</u>
Total assets	<u>89,041,657</u>	<u>93,116,234</u>	<u>182,157,891</u>
<b>DEFERRED OUTFLOWS OF RESOURCES</b>			
Pension related (note 6)	1,388,000	550,562	1,938,562
Total deferred outflows of resources	<u>1,388,000</u>	<u>550,562</u>	<u>1,938,562</u>

(continued)

*The accompanying notes are an integral part of these financial statements.*



*Mission Springs Water District*

**Statement of Net Position, (Continued)  
June 30, 2021**

	Water	Sewer	Total
<b>LIABILITIES</b>			
Current liabilities:			
Accounts payable	\$ 1,301,392	\$ 451,719	\$ 1,753,111
Accrued liabilities	284,450	190,007	474,457
Customer deposits	354,310	-	354,310
Advance construction deposits	66,001	3,078,557	3,144,558
Compensated absences, current portion	351,813	136,845	488,658
Long-term liabilities, current portion (note 5)	22,879	666,140	689,019
Total current liabilities	<u>2,380,845</u>	<u>4,523,268</u>	<u>6,904,113</u>
Noncurrent liabilities:			
Compensated absences, net of current portion	351,813	136,845	488,658
Long-term liabilities, net of current portion (note 5)	450,754	7,181,524	7,632,278
Net pension liability (note 6)	5,138,576	2,006,728	7,145,304
Total noncurrent liabilities	<u>5,941,143</u>	<u>9,325,097</u>	<u>15,266,240</u>
Total liabilities	<u>8,321,988</u>	<u>13,848,365</u>	<u>22,170,353</u>
<b>DEFERRED INFLOWS OF RESOURCES</b>			
Pension related (note 6)	300,047	121,605	421,652
Total deferred inflows of resources	<u>300,047</u>	<u>121,605</u>	<u>421,652</u>
<b>NET POSITION</b>			
Net investment in capital assets	64,131,099	57,057,183	121,188,282
Restricted	-	302,510	302,510
Unrestricted	17,676,523	22,337,133	40,013,656
Total net position (note 7)	<u>\$ 81,807,622</u>	<u>\$ 79,696,826</u>	<u>\$ 161,504,448</u>

*The accompanying notes are an integral part of these financial statements.*

## Mission Springs Water District

### Statement of Revenues, Expenses, and Changes in Net Position For the Fiscal Year Ended June 30, 2021

	Water	Sewer	Total
<b>OPERATING REVENUES</b>			
Sales	\$ 9,356,599	\$ -	\$ 9,356,599
Services	2,871,616	7,593,694	10,465,310
Standby and availability	218,066	12,302	230,368
Backup facilities and front footage fees	560,063	174,740	734,803
Meter installations	103,647	-	103,647
Other	973,150	4,489	977,639
<b>Total operating revenues</b>	<b>14,083,141</b>	<b>7,785,225</b>	<b>21,868,366</b>
<b>OPERATING EXPENSES</b>			
Pumping	2,208,877	-	2,208,877
Transmission and distribution	1,566,907	-	1,566,907
Customer accounts	1,031,299	196,092	1,227,391
Sewage collection	-	310,414	310,414
Sewage treatment	-	1,759,633	1,759,633
Standby wages	92,639	79,552	172,191
Groundwater management	(9,284)	(3,447)	(12,731)
Public affairs	232,332	81,494	313,826
General and administrative	4,279,942	1,563,310	5,843,252
Depreciation	2,274,341	1,751,664	4,026,005
<b>Total operating expenses</b>	<b>11,677,053</b>	<b>5,738,712</b>	<b>17,415,765</b>
<b>Operating income</b>	<b>2,406,088</b>	<b>2,046,513</b>	<b>4,452,601</b>
<b>NONOPERATING REVENUES</b>			
Property taxes - general purpose	1,382,925	746,562	2,129,487
Special assessments - debt service	-	398,623	398,623
Investment income, net	63,376	32,346	95,722
Grants	553,508	102,376	655,884
Other	49,277	389	49,666
<b>Total nonoperating revenues</b>	<b>2,049,086</b>	<b>1,280,296</b>	<b>3,329,382</b>
<b>NONOPERATING EXPENSES</b>			
Interest	22,945	271,198	294,143
Other	30,588	4,761	35,349
<b>Total nonoperating expenses</b>	<b>53,533</b>	<b>275,959</b>	<b>329,492</b>
<b>Income before contributions</b>	<b>4,401,641</b>	<b>3,050,850</b>	<b>7,452,491</b>
Capital contributions	72,758	-	72,758
<b>Change in net position</b>	<b>4,474,399</b>	<b>3,050,850</b>	<b>7,525,249</b>
Net position, beginning of year	77,333,223	76,645,976	153,979,199
<b>Net position, end of year</b>	<b>\$ 81,807,622</b>	<b>\$ 79,696,826</b>	<b>\$ 161,504,448</b>

*The accompanying notes are an integral part of these financial statements.*

*Mission Springs Water District*

**Statement of Cash Flows  
For the Fiscal Year Ended June 30, 2021**

	Water	Sewer	Total
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>			
Cash received from customers	\$ 12,880,727	\$ 7,929,558	\$ 20,810,285
Cash payments to suppliers for goods and services	(6,067,582)	(2,732,410)	(8,799,992)
Cash payments for employees for services	(3,626,720)	(1,425,434)	(5,052,154)
Net cash provided by operating activities	<u>3,186,425</u>	<u>3,771,714</u>	<u>6,958,139</u>
<b>CASH FLOWS FROM NON CAPITAL FINANCING ACTIVITIES</b>			
Cash received from property taxes - general purpose	1,386,137	748,185	2,134,322
Cash received from grants	553,508	102,376	655,884
Net cash provided by noncapital financing activities	<u>1,939,645</u>	<u>850,561</u>	<u>2,790,206</u>
<b>CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES</b>			
Cash received from special assessments - debt service	-	1,189,392	1,189,392
Cash received from note receivable	16,569	-	16,569
Acquisition and construction of capital assets	(4,185,569)	(1,437,520)	(5,623,089)
Principal retirement of long-term debt	(21,871)	(646,483)	(668,354)
Interest paid on long-term debt	(22,945)	(271,198)	(294,143)
Net cash used for capital and related financing activities	<u>(4,213,816)</u>	<u>(1,165,809)</u>	<u>(5,379,625)</u>
<b>CASH FLOWS FROM INVESTING ACTIVITIES</b>			
Interest received on investments	63,376	32,346	95,722
Net cash provided by investing activities	<u>63,376</u>	<u>32,346</u>	<u>95,722</u>
Net change in cash and investments	975,630	3,488,812	4,464,442
Cash and investments, beginning of year	<u>18,658,586</u>	<u>16,160,504</u>	<u>34,819,090</u>
Cash and investments, end of year	<u>\$ 19,634,216</u>	<u>\$ 19,649,316</u>	<u>\$ 39,283,532</u>
<b>RECONCILIATION TO STATEMENT OF NET POSITION</b>			
Cash and investments	\$ 19,634,216	\$ 19,346,806	\$ 38,981,022
Restricted cash and investments	-	302,510	302,510
Total cash and investments	<u>\$ 19,634,216</u>	<u>\$ 19,649,316</u>	<u>\$ 39,283,532</u>

*The accompanying notes are an integral part of these financial statements.*

*Mission Springs Water District*

**Statement of Cash Flows  
For the Fiscal Year Ended June 30, 2021, (Continued)**

	Water	Sewer	Total
<b>RECONCILIATION OF OPERATING INCOME TO NET CASH PROVIDED BY OPERATING ACTIVITIES</b>			
Operating income	\$ 2,406,088	\$ 2,046,513	\$ 4,452,601
Adjustments to reconcile operating income to net cash provided by operating activities:			
Depreciation and amortization	2,274,341	1,751,664	4,026,005
Other nonoperating income	49,277	389	49,666
Other nonoperating expense	(30,588)	(4,761)	(35,349)
(Increase) decrease in assets and deferred outflows of resources:			
Receivables:			
Accounts	(727,154)	12,901	(714,253)
Other	(530,756)	128,766	(401,990)
Prepaid expenses	80,355	29,839	110,194
Inventory	(24,854)	(9,230)	(34,084)
Deferred outflows of resources	404,993	150,392	555,385
Increase (decrease) in liabilities and deferred inflows of resources:			
Accounts payable	(798,074)	(358,879)	(1,156,953)
Accrued liabilities	115,756	36,390	152,146
Compensated absences	70,788	26,288	97,076
Customer deposits	(18,282)	-	(18,282)
Advance construction deposits	24,501	2,277	26,778
Net pension liability	109,700	40,737	150,437
Deferred inflows of resources	(219,666)	(81,572)	(301,238)
Net cash provided by operating activities	\$ 3,186,425	\$ 3,771,714	\$ 6,958,139

*The accompanying notes are an integral part of these financial statements.*

## *Mission Springs Water District*

### **Notes to Financial Statements For the Fiscal Year Ended June 30, 2021**

---

#### **NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

##### ***Description of the entity***

Mission Springs Water District (District), formerly called Desert Hot Springs Water District, was formed in 1953. The District operates under the authority of the California Water Code. Mission Springs Water District is located in the Coachella Valley of Southern California, ten miles north of the City of Palm Springs. The boundaries encompass an area of 135 square miles, within which the District maintains and operates pipelines, 14 water wells, 24 reservoirs, and 2 wastewater treatment plants. The primary service area is the City of Desert Hot Springs.

##### ***Blended component unit***

The Mission Springs Water District Improvement Corporation (Corporation) was created in April of 1985 by a joint exercise of powers agreement for the purpose of acquiring, constructing, rehabilitating, financing and refinancing, or providing for the sale or leasing of public capital improvements. The Corporation is governed by a board composed of the District's board of directors. The corporation has issued debt which is secured solely from installment payments payable under and installment purchase agreement entered into by the District and the Corporation. All accounts and funds created and established pursuant any instrument or agreement to which the Corporation is a party, and any interest earned and accrued thereon, shall incur to the benefit of the District. Separate financial statements are not prepared for the Corporation. It is reported as a blended component unit.

##### ***Fund classifications***

Mission Springs Water District is comprised of the following major enterprise funds:

Water Fund – Used to account for activities associated with serving 13,452 water accounts, of which 95% are residential customers.

Sewer Fund – Used to account for activities associated with providing sewage collection, treatment and disposal services to 9,364 customer accounts, of which 97% are residential customers.

##### ***Measurement focus, basis of accounting and financial statement presentation***

The District operates as a utility enterprise fund and its financial statements have been prepared using the economic measurement focus and the accrual basis of accounting, in conformity with generally accepted accounting principles (GAAP) and the Uniform Systems of Accounts for Utility Districts as prescribed by the Controller of the State of California. Under this basis of accounting and measurement focus, revenues are recognized when they are earned and expenses are recognized when they are incurred, regardless of the timing of related cash flows. Property taxes are recognized as revenues in the year for which they were levied. Grants and similar items are recognized as revenue as soon as all eligibility requirements imposed by the providers have been met. The District has elected to follow all pronouncements of the Governmental Accounting Standard's Board (GASB).

*Mission Springs Water District***Notes to Financial Statements  
For the Fiscal Year Ended June 30, 2021**

---

**NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, (CONTINUED)*****Use of estimates***

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, and changes therein, and disclosure of contingent assets and liabilities. Actual results could differ from those estimates.

***Cash and cash equivalents***

For purposes of the statement of cash flows, cash and cash equivalents have been defined as deposits and highly liquid investments with an original maturity of 90 days or less at the date of purchase.

***Investments***

Investments with a maturity of less than one year when purchased, non-negotiable certificates of deposit, and other nonparticipating investments are stated at amortized cost. Investments with a maturity of greater than one year when purchased are stated at fair value. Fair value is the price that would be received to sell an investment in an orderly transaction at a given point in time.

***Allowance for doubtful accounts***

The District recognizes bad debt expense relating to receivables when it is probable that the accounts will be uncollectible. As of June 30, 2021, all receivables were deemed collectible.

***Prepaid expenses***

Certain payments to vendors reflect costs or deposits applicable to future accounting periods and are recorded as prepaid expenses in the financial statements.

***Inventory***

Inventories are valued at cost which approximates market, using the first in/first-out method. The costs of the inventories are recorded as expenses when used (consumption method). Inventory of material and supplies consisted of meters, valves, pipes, repair parts, gasoline, and supplies.

*Mission Springs Water District*

**Notes to Financial Statements  
For the Fiscal Year Ended June 30, 2021**

---

**NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, (CONTINUED)**

***Restricted assets***

Certain proceeds of debt issues, as well as certain resources set aside for their repayment, are classified as restricted assets on the statement of net position because their use is limited by applicable bond covenants. Unspent developer deposits are classified as restricted assets on the statement of net position.

***Assessments receivable***

The District has issued long-term debt to finance capital improvement projects and has secured these debts by placing a lien on the assessed properties. The aggregate of the property liens has been recorded as an assessment receivable on the statement of net position. As of June 30, 2021, the assessment receivable for these liens was \$7,876,314 and the balance of special assessments that was delinquent was \$105,710. As of June 30, 2021, all assessment receivables were deemed collectible.

***Capital assets and depreciation***

Capital assets are recorded at cost. If applicable, donated assets are stated at acquisition value on the date donated. The provision for depreciation is computed using the straight-line method over the estimated service lives of the capital assets. The District uses differing capitalization thresholds for the classes of assets based on materiality. The District's policy is to review for capitalization those expenditures greater than \$10,000 that have a useful life of more than one year. Estimated service lives for District's classes of assets are as follows:

Building and improvements	5 - 40 years
Utility plant	5 - 75 years
Furniture and equipment	5 - 25 years
Other assets	5 - 10 years
Intangible utility plant	5 - 25 years

***Deferred outflows/inflows of resources***

In addition to assets, the statement of net position will sometimes report a separate section for deferred outflows of resources. This separate financial element, deferred outflows of resources, represents a consumption of net position that applies to future periods and so will not be recognized as an outflow of resources (expense) until then. The District has one item, deferred outflows related to pension, which qualifies for reporting in this category.

In addition to liabilities, the statement of net position will sometimes report a separate section for deferred inflows of resources. This separate financial element, deferred inflows of resources, represents an acquisition of net position that applies to future periods and so will not be recognized as an inflow of resources (revenue) until then. The District has one item, deferred inflows related to pension, which qualifies for reporting in this category.

*Mission Springs Water District*

**Notes to Financial Statements  
 For the Fiscal Year Ended June 30, 2021**

---

**NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, (CONTINUED)**

***Net position***

Net position is categorized as follows:

Net investment in capital assets – This component of net position consists of capital assets, including restricted capital assets, net of accumulated depreciation reduced by the outstanding debt or other borrowings that are attributable to the acquisition, construction, or improvement of those assets. If there are significant unspent related debt proceeds at year-end, the portion of the debt attributable to the unspent proceeds are not included in the calculation of net investment in capital assets. Rather, that portion of the debt is included in the same net position component as the unspent proceeds.

Restricted – This component of net position consists of constraints placed on resources through external constraints imposed by creditors (such as through debt covenants), grantors, contributors, or laws or regulations of other governments or constraints imposed by law through constitutional provisions or enabling legislation.

Unrestricted – This component of net position consists of resources that do not meet the definition of “restricted” or “net investment in capital assets.”

***Pension***

For purposes of measuring the net pension liability, deferred outflows of resources and deferred inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the Plan and additions to/deductions from the Plan’s fiduciary net position have been determined on the same basis. For this purpose, benefit payments (including refunds of employee contributions) are recognized when currently due and payable in accordance with the benefit terms. Investments are reported at fair value.

GASB 68 requires that the reported results must pertain to liability and asset information within certain defined timeframes. For this report, the following timeframes are used.

Valuation Date	June 30, 2019
Measurement Date	June 30, 2020
Measurement Period	July 1, 2019 to June 30, 2020



*Mission Springs Water District***Notes to Financial Statements  
For the Fiscal Year Ended June 30, 2021**

---

**NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, (CONTINUED)*****Compensated absences***

The District's policy is to permit employees to accumulate a limited amount of earned vacation and sick leave. Accumulated vacation time is accrued at year-end to account for the District's obligation to the employees for the amount owed. It is management's belief that the majority of the obligation will be utilized during the course of the next fiscal year. Vacation pay is payable to employees at the time a vacation is taken, cashed out, or upon termination of employment. Normally, an employee cannot accrue more vacation than the total hours accrued in the prior twenty-four-month period each year. Sick leave is payable when an employee is unable to work because of illness of an employee or employee's family member. An employee may not accumulate more than six hundred ninety-six hours of sick leave.

***Unearned revenue***

Unearned revenue in accrual-based statements arises when resources are received by the District before it has a legal claim to them (i.e. when grant monies are received prior to the incurrence of qualifying expenses).

***Operating and nonoperating activities***

Proprietary funds distinguish *operating* revenues and expenses from *nonoperating* items. Operating revenues and expenses generally result from providing services and producing and delivering goods in connection with a proprietary fund's principal ongoing operations. The principal operating revenues of the water fund and sewer fund are charges to customers for sales and services. Operating expenses for proprietary funds include the cost of sales and services, administrative expenses, and depreciation on capital assets. All revenues and expenses not meeting these definitions are reported as nonoperating revenues and expenses.

***Contributions for capital acquisitions/construction***

Contributions for capital acquisitions/construction represent cash and capital asset additions contributed to the District by federal, state, and local granting agencies or by developers.

***Property taxes***

The County bills and collects property taxes on behalf of the District and numerous assessment districts. The District's current year tax collection is received through periodic apportionments from the County. The County's tax calendar is from July 1 to June 30. Property taxes attach as a lien on the property on January 1. Taxes are levied on July 1 and are payable in two equal installments on November 1 and February 1, and become delinquent after December 10 and April 10, respectively.

*Mission Springs Water District*

**Notes to Financial Statements  
For the Fiscal Year Ended June 30, 2021**

---

**NOTE 2: CASH AND INVESTMENTS**

Cash and investments are presented in the accompanying financial statements as follows:

Cash and investments	\$ 38,981,022
Restricted cash and investments	302,510
Total cash and investments	\$ 39,283,532

Cash and investments as of June 30, 2021 consist of the following:

Petty cash	\$ 1,100
Demand deposits	8,259,106
Investments	31,023,326
Total cash and investments	\$ 39,283,532

***Investment policy***

The District's investment policy outlines the guidelines required to be used in effectively managing the District's available cash in accordance with the California Government Code. To address interest rate risk, the District's existing policy limits the maturity of investments to five years. To mitigate credit risks associated with its investments, the District's investment policy limits investments to large institutions and requires diversification to ensure that failure of one issuer will not significantly affect the District's cash flow.

***Interest rate risk***

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. In accordance with the investment policy, the District manages its exposure to declines in fair values by limiting the maximum maturity length of investments to five years.

Maturities of investments at June 30, 2021, were as follows:

Investment type	Total	Remaining maturing (in months)			
		12 Months or Less	13 to 36 Months	37 to 60 Months	More than 60 Months
Investment Trust of California (CalTRUST)	\$ 31,023,326	\$ 8,986,925	\$ 22,036,401	\$ -	\$ -
Total	\$ 31,023,326	\$ 8,986,925	\$ 22,036,401	\$ -	\$ -

*Mission Springs Water District***Notes to Financial Statements  
For the Fiscal Year Ended June 30, 2021**

---

**NOTE 2: CASH AND INVESTMENTS, (CONTINUED)*****Concentration of credit risk***

A concentration of credit risk is the risk of loss attributable to the magnitude of the District's investment in a single issuer. The District's investment policy contains no limitations on the amount that can be invested in any one issuer beyond that stipulated by the California Government Code. As of June 30, 2021, there were no investments in any one issuer (other than U.S. Treasury securities, agency funds, corporate funds, and external investment pools) that represent 5% or more of total District investments.

***Custodial credit risk***

Custodial credit risk is the risk that the District will not be able to (a) recover deposits if the depositor financial institution fails, or (b) recover the value of investments or collateral securities that are in the possession of an outside party if the counterparty to the investment or deposit transaction fails.

***Deposits***

The California Government Code requires California banks and savings and loan associations to secure a local governmental agency's (agency) deposits by pledging government securities as collateral. The market value of pledged securities must equal at least 110% of an agency's deposits. California law also allows financial institutions to secure an agency's deposits by pledging first trust deed mortgage notes having a value of 150% of an agency's total deposits. The agency may waive collateral requirements for deposits, which are fully insured up to \$250,000 by the Federal Deposit Insurance Corporation (FDIC).

Deposits are exposed to custodial credit risk if they are uninsured and are either:

- a. Uncollateralized;
- b. Collateralized with securities held by the pledging financial institution, or by its trust department or agent but not in the depositor-government's name.

At June 30, 2021, District's deposits (bank balances) exceeded the maximum deposit insurance amount by \$8,212,644, which is collateralized as described above.

*Mission Springs Water District***Notes to Financial Statements  
For the Fiscal Year Ended June 30, 2021**

---

**NOTE 2: CASH AND INVESTMENTS, (CONTINUED)*****Custodial credit risk, (Continued)***Investments

The California Government Code authorizes the District to invest in obligations of the United States Treasury, agencies, and instrumentalities, prime commercial paper, bankers' acceptances, repurchase and reverse repurchase agreements, financial futures or financial option contracts, negotiable certificates of deposit, obligations of the State of California, and, obligations of local agencies within California.

Investments are exposed to custodial credit risk if they are uninsured, unregistered and held by either:

- a. Counterparty;
- b. The counterparty's trust department or agent but not in the government's name.

***Credit risk***

Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. The District's investment policy limits eligible investments to large institutions. As of June 30, 2021, District had its investments in CalTrust.

Generally, credit risk is the risk that an issuer of an investment will not fulfill its obligation to the holder of the investment. This is measured by the assignment of a rating by a nationally recognized statistical rating organization. The District's investments in CalTrust are not subject to minimum legal ratings and credit risk disclosures.

*Mission Springs Water District***Notes to Financial Statements  
For the Fiscal Year Ended June 30, 2021**

---

**NOTE 2: CASH AND INVESTMENTS, (CONTINUED)*****Fair Value Measurements***

Generally accepted accounting principles establish a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. District categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the asset. Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; while Level 3 inputs are significant unobservable inputs.

- Level 1 inputs are quoted prices for identical assets or liabilities in active markets that the government can access at the measurement date.
- Level 2 inputs include quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in inactive markets; inputs other than quoted prices that are observable for the asset or liability; inputs that are derived principally from or corroborated by observable market data by correlation or other means. If the asset or liability has a specified (contractual) term, the level 2 input must be observable for substantially the full term of the asset or liability.
- Level 3 inputs are unobservable inputs for an asset or liability.

Deposits and withdrawals in governmental investment pools, such as CalTrust, are made on the basis of \$1 and not fair value. Accordingly, the District's investments in CalTrust are not subject to the fair value hierarchy.

***Participation in External Investment Pools***

The District is a voluntary participant in the Investment Trust of California (CalTrust), which is a Joint Powers Authority governed by a Board of Trustees made up of local treasurers and investment officers. The Board of Trustees sets overall policy for CalTrust and selects and supervises the activities of the Investment Manager and other agents. As of June 30, 2021, the District's investment in CalTrust is \$31,023,326, of which \$2,548,423 was invested in the Liquidity funds pool, \$6,438,502 in the Short-term pool, and \$22,036,401 in the Medium-term pool. Amounts that may be withdrawn from the Money Market Fund are based upon the fund's assets valued using the amortized cost method. Amounts that may be withdrawn from the Short-term and Medium-term pools are based on the net asset value per share and the number of shares held by participants in each pool.

*Mission Springs Water District*

**Notes to Financial Statements  
For the Fiscal Year Ended June 30, 2021**

---

**NOTE 3: CAPITAL ASSETS**

Changes in capital assets for the year ended June 30, 2021 were as follows:

	Beginning balance	Increases	Decreases	Ending balance
Capital assets, not being depreciated				
Land and other land rights	\$ 1,376,497	\$ -	\$ -	\$ 1,376,497
Construction in progress	16,479,944	5,822,017	(2,134,476)	20,167,485
Total capital assets, not being depreciated	17,856,441	5,822,017	(2,134,476)	21,543,982
Capital assets, being depreciated:				
Buildings and improvements	5,618,462	263,007	-	5,881,469
Utility plant	169,103,974	1,275,514	-	170,379,488
Furniture and equipment	4,466,702	224,785	-	4,691,487
Other assets	1,554,150	245,000	-	1,799,150
Total capital assets, being depreciated	180,743,288	2,008,306	-	182,751,594
Less accumulated depreciation for:				
Buildings and improvements	(1,337,637)	(154,493)	-	(1,492,130)
Utility plant	(65,277,622)	(3,402,257)	-	(68,679,879)
Furniture and equipment	(3,596,001)	(261,498)	-	(3,857,499)
Other assets	(548,732)	(207,757)	-	(756,489)
Total accumulated depreciation	(70,759,992)	(4,026,005)	-	(74,785,997)
Total capital assets being depreciated, net	109,983,296	(2,017,699)	-	107,965,597
Total capital assets, net	\$ 127,839,737	\$ 3,804,318	\$ (2,134,476)	\$ 129,509,579

Depreciation expense for the year ended June 30, 2021 was as follows:

Water	\$ 2,274,341
Sewer	1,751,664
Total depreciation expense	\$ 4,026,005

## Mission Springs Water District

### Notes to Financial Statements For the Fiscal Year Ended June 30, 2021

---

#### NOTE 4: COMPENSATED ABSENCES

Changes in compensated absences for the year ended June 30, 2021 were as follows:

Balance at beginning of year	\$	880,240
Earned by employees		476,629
Paid to employees		<u>(379,553)</u>
Balance at end of year		977,316
Less current portion		<u>488,658</u>
Long-term portion	\$	<u><u>488,658</u></u>

#### NOTE 5: LONG-TERM DEBT

The following is a summary of changes in long-term debt for the year ended June 30, 2021:

	Beginning Balance	Additions	Reductions	Ending Balance	Due Within One Year
<b>Direct Borrowings:</b>					
Notes payable:					
Special Assessment Bond - Assessment District #4	\$ 12,000	\$ -	\$ (4,000)	\$ 8,000	\$ 4,000
Special Assessment Bond - Assessment District #7	70,000	-	(12,000)	58,000	13,000
COP - U.S. Department of Agriculture - 2001	253,401	-	(7,500)	245,901	7,900
Installment sale agreement - City National Bank - 2017	1,716,511	-	(241,963)	1,474,548	249,031
Installment sale agreement - Holman Capital Corporation	242,103	-	(14,371)	227,732	14,979
SWRCB - Assessment District #12, Phase IV	3,611,234	-	(223,063)	3,388,171	227,970
Installment sale agreement - City National Bank - 2013	944,976	-	(53,646)	891,330	55,868
Installment sale agreement - BBVA Compass Bank - 2014	<u>2,139,426</u>	<u>-</u>	<u>(111,811)</u>	<u>2,027,615</u>	<u>116,271</u>
Total long-term liabilities	<u>\$ 8,989,651</u>	<u>\$ -</u>	<u>\$ (668,354)</u>	<u>\$ 8,321,297</u>	<u>\$ 689,019</u>

#### **Assessment District #4 Special Assessment Bonds, Series R-1 (Direct Borrowing)**

On February 15, 1983, the District issued special assessment bonds for \$88,200 for the construction of District improvements. The interest rate on the bonds is 11.375% per annum. Interest on the bonds is payable semi-annually on January 2 and July 2. Principal matures July 2 of each year through 2022.

*Mission Springs Water District***Notes to Financial Statements  
For the Fiscal Year Ended June 30, 2021**

---

**NOTE 5: LONG-TERM DEBT, (CONTINUED)*****Assessment District #7 Special Assessment Bonds (Direct Borrowing)***

On February 28, 1985, the District issued special assessment bonds for \$222,200 to aid in financing a sewage collection system for Assessment District #7. The interest rate on the bonds is 7.25% per annum. Interest on the bonds is payable semi-annually on January 2 and July 2. Principal matures July 2 of each year through 2024.

***Certificates of Participation – United States Department of Agriculture (Direct Borrowing)***

On July 3, 2001, the District entered into a loan agreement with the U.S.D.A. and a Certificate of Participation (COP) was issued for \$348,000 to improve waterlines in Improvement District "E". The interest rate on the COP is 4.50% per annum. Interest on the COP is payable semi-annually on February 1 and August 1. Principal matures February 1 of each year through 2041.

***Assessment District #12, Phase I and Phase II – Refinance (Direct Borrowing)***

On June 26, 2006, the District entered into an installment sale agreement with La Salle National Bank in the amount of \$2,200,000. The proceeds from this contract were used to purchase Assessment Districts #12 bonds totaling \$1,630,024. The bond proceeds were used for Assessment District #12, phase I costs.

On September 21, 2007, the District entered into an installment sale agreement with La Salle National Bank in the amount of \$1,600,000. The proceeds from this contract were used to purchase Assessment Districts #12 bonds totaling \$1,329,530. The bond proceeds were used for Assessment District #12, phase II costs.

On December 22, 2017, the District entered into a loan agreement with City National Bank in the amount of \$2,395,013. The proceeds from this contract were used to pay off the Phase I and II La Salle National Bank loans in the amount of \$1,309,488 and \$1,019,315, respectively. The interest rate on the loan agreement is 2.90% per annum. Principal and interest on the bonds is payable semi-annually on March 21 and September 21. Principal matures through September 21, 2027.



*Mission Springs Water District***Notes to Financial Statements  
For the Fiscal Year Ended June 30, 2021**

---

**NOTE 5: LONG-TERM DEBT, (CONTINUED)*****Assessment District #12, Phase I and Phase II – Refinance (Direct Borrowing),  
(Continued)***

The outstanding loan agreement with City National Bank contains (a) a provision that if an event of default occurs and continues, the timing of repayment of outstanding amounts become immediately due if the pledged revenues during each fiscal year are less than 115 percent of debt service coverage due in the following fiscal year and (b) a provision that if an event of default occurs and continues, the timing of repayment of outstanding amounts become immediately due if (1) the District is unable to make a payment; (2) the District fails to perform any of the agreements, covenants, or conditions required, and such default shall have continued for a period of thirty (30) days after the District has been given notice in writing of such default; (3) if the District files a petition in bankruptcy, or failure by the District to promptly lift any execution, garnishment or attachment, or adjudication of the District as bankrupt, or assignment by the District for the benefit of creditors, or the approval by a court of competent jurisdiction of a petition applicable to the District in any proceedings instituted under the provisions of the Federal Bankruptcy Code, as amended, or under any similar acts which may hereafter be enacted.

***Mission Creek – 80 Acres (Direct Borrowing)***

On June 21, 2013, the District entered into an installment sales agreement with Holman Capital Corporation in the amount of \$328,000. The proceeds were used to purchase 80 acres of land for future water system improvements. The interest rate on the installment sales agreement is 4.19% per annum. Interest on the bonds is payable semi- annually on June 7 and December 7. Principal matures on June 7 and December 7 of each year through June 7, 2033.

The outstanding installment sales agreement with Holman Capital Corporation contains (a) a provision that if an event of default occurs and continues, the timing of repayment of outstanding amounts become immediately due if (1) the District is unable to make a payment; (2) the District fails to perform any of the agreements, covenants, or conditions required, and such default shall have continued for a period of thirty (30) days after the District has been given notice in writing of such default; (3) if the District violates any applicable rule, regulation, law, statute or ordinance applicable to the District or the Water System or the Parity Debt that could lead to a breach under the subsections (a) and/or (b) and that are not cured.

*Mission Springs Water District***Notes to Financial Statements  
For the Fiscal Year Ended June 30, 2021**

---

**NOTE 5: LONG-TERM DEBT, (CONTINUED)*****State Water Resources Control Board – State Revolving Fund Assessment District #12, Phase IV (Direct Borrowing)***

In August 2012 (and later amended in January 2013), the District entered into a financing agreement with the California State Water Resources Control Board (CSWRCB) for a total amount of \$9,957,921 for the purpose of financing Assessment District #12, Phase 3 costs. This program is a loan from the Clean State Revolving Fund (SRF) of which 50% of the principal amount was forgiven. This was made possible through Federal Environmental Protection Agency funds granted to SRF. The interest rate on the loan is 2.2% with principal and interest payments due annually on January 31 beginning in 2015, final payment is due January 31, 2034.

In the event of a termination, the District has agreed, upon demand, to immediately repay to the State Water Board an amount equal to installment payments due hereunder, including accrued interest, and all penalty assessments due. In the event of termination, interest shall accrue on all amounts due at the highest legal rate of interest from the date that notice of termination is mailed to the District to the date of full repayment by the District.

***Assessment District #12, Phase V (Direct Borrowing)***

On December 19, 2013, the District entered into an installment sales agreement with City National Bank in the amount of \$1,215,000. The proceeds were used to purchase Assessment District #12 bonds totaling \$1,096,329 for phase V costs. The interest rate on the installment sales agreement is 4.10% per annum. Interest on the bonds is payable semi-annually on March 2 and September 2. Principal matures on March 2 and September 2 of each year through 2029.

The outstanding installment sales agreement with City National Bank contains (a) a provision that if an event of default occurs and continues, the timing of repayment of outstanding amounts become immediately due if (1) the District is unable to make a payment; (2) the District fails to perform any of the agreements, covenants, or conditions required, and such default shall have continued for a period of thirty (30) days after the District has been given notice in writing of such default; (3) If the District files a petition or answer seeking arrangement or reorganization under the federal bankruptcy laws or any other applicable law of the United States of America or any state therein, or the approval by a court of competent jurisdiction of a petition filed with or without the consent of the District seeking arrangement or reorganization under the federal bankruptcy laws or any other applicable law of the United States of America or any state therein, or, under the provisions of any other law for the relief or aid of debtors, any court of competent jurisdiction assumes custody or control of the District or of the whole or any substantial part of its property; (4) if an event of default shall have occurred and be continuing with respect to any Parity Debt or Subordinate Debt which requires or permits the immediate acceleration thereof.

*Mission Springs Water District*

**Notes to Financial Statements  
 For the Fiscal Year Ended June 30, 2021**

---

**NOTE 5: LONG-TERM DEBT, (CONTINUED)**

***Assessment District #12, Phase VI (Direct Borrowing)***

On November 1, 2014, the District entered into an installment sales agreement with BBVA Compass Bank in the amount of \$2,700,000. The proceeds were used to purchase Assessment District #12 bonds totaling \$2,582,000 for phase VI costs. The interest rate on the installment sales agreement is 3.95% per annum. Interest on the bonds is payable semi-annually on March 2 and September 2. Principal matures on March 2 and September 2 of each year through 2029.

The outstanding installment sales agreement with BBVA Compass Bank contains (a) a provision that if an event of default occurs and continues, the timing of repayment of outstanding amounts become immediately due if (1) the District is unable to make a payment; (2) the District fails to perform any of the agreements, covenants, or conditions required, and such default shall have continued for a period of thirty (30) days after the District has been given notice in writing of such default; (3) If the District files a petition or answer seeking arrangement or reorganization under the federal bankruptcy laws or any other applicable law of the United States of America or any state therein, or the approval by a court of competent jurisdiction of a petition filed with or without the consent of the District seeking arrangement or reorganization under the federal bankruptcy laws or any other applicable law of the United States of America or any state therein, or, under the provisions of any other law for the relief or aid of debtors, any court of competent jurisdiction assumes custody or control of the District or of the whole or any substantial part of its property; (4) if an event of default shall have occurred and be continuing with respect to any Parity Debt or Subordinate Debt which requires or permits the immediate acceleration thereof.

The debt service requirements for the District's notes are as follows:

Year ended June 30,	Principal	Interest	Total
2022	\$ 689,019	\$ 255,525	\$ 944,544
2023	710,195	234,639	944,834
2024	728,102	212,556	940,658
2025	750,560	189,960	940,520
2026	756,891	166,605	923,496
2027 - 2031	3,405,946	502,442	3,908,388
2032 - 2036	1,198,070	82,342	1,280,412
2037 - 2041	82,514	11,520	94,034
Total	<u>\$ 8,321,297</u>	<u>\$ 1,655,589</u>	<u>\$ 9,976,886</u>

*Mission Springs Water District***Notes to Financial Statements  
For the Fiscal Year Ended June 30, 2021**

---

**NOTE 6: DEFINED BENEFIT PENSION PLAN****A. General information about the pension plan*****Plan description***

All qualified permanent and probationary employees are eligible to participate in the Public Agency Cost-Sharing Multiple-Employer Defined Benefit Pension Plan (Plan or PERF C) administered by the California Public Employees' Retirement System (CalPERS.) The Plan consists of a miscellaneous pool and a safety pool (also referred to as "risk pools"), which are comprised of individual employer miscellaneous and safety rate plans, respectively. Plan assets may be used to pay benefits for any employer rate plan of the safety and miscellaneous pools. Accordingly, rate plans within the safety or miscellaneous pools are not separate plans under generally accepted accounting principles. Individual employers may sponsor more than one rate plan in the miscellaneous or safety risk pools. The District sponsors two miscellaneous rate plans. Benefit provisions under the Plan are established by State statute and District resolution. CalPERS issues publicly available reports that include a full description of the pension plan regarding benefit provisions, assumptions and membership information that can be found on the CalPERS' website, at [www.calpers.ca.gov](http://www.calpers.ca.gov).

***Benefits provided***

CalPERS provides service retirement and disability benefits, annual cost of living adjustments and death benefits to plan members, who must be public employees and beneficiaries. Benefits are based on years of credited service, equal to one year of full-time employment. Members with five years of total service are eligible to retire at age 50 with statutorily reduced benefits. All members are eligible for non-duty disability benefits after 5 years of service. The death benefit is one of the following: the Basic Death Benefit, the 1957 Survivor Benefit, or the Optional Settlement 2W Death Benefit. The cost-of-living adjustments for each plan are applied as specified by the Public Employees' Retirement Law.

The Plan operates under the provisions of the California Public Employees' Retirement Law (PERL), the California Public Employees' Pension Reform Act of 2013 (PEPRA), and the regulations, procedures and policies adopted by the CalPERS Board of Administration. The Plan's authority to establish and amend the benefit terms are set by the PERL and PEPRA, and may be amended by the California state legislature and in some cases require approval by the CalPERS Board.

*Mission Springs Water District*

**Notes to Financial Statements  
For the Fiscal Year Ended June 30, 2021**

---

**NOTE 6: DEFINED BENEFIT PENSION PLAN, (CONTINUED)**

***Benefits provided, (Continued)***

The Plan's provisions and benefits in effect at June 30, 2021 are summarized as follows:

	Prior to January 1, 2013	On or after January 1, 2013
Hire date		
Benefit formula	2.7% @ 55	2% @ 62
Benefit vesting schedule	5 years of service	5 years of service
Benefit payments	monthly for life	monthly for life
Retirement age	50 - 67	52 - 62
Monthly benefits, as a % of eligible compensation	2.0% to 2.7%	1.0% to 2.0%
Required employer contribution rates	13.515%	7.732%

***Contributions***

Section 20814(c) of the California Public Employees' Retirement Law (PERL) requires that the employer contribution rates for all public employers be determined on an annual basis by the actuary and shall be effective on the July 1 following notice of a change in the rate. The total plan contributions are determined through CalPERS' annual actuarial valuation process. For public agency cost-sharing plans covered by either the Miscellaneous or Safety risk pools, the Plan's actuarially determined rate is based on the estimated amount necessary to pay the Plan's allocated share of the risk pool's costs of benefits earned by employees during the year, and any unfunded accrued liability. The employer is required to contribute the difference between the actuarially determined rate and the contribution rate of employees. Employer contribution rates may change if plan contracts are amended. Payments made by the employer to satisfy contribution requirements that are identified by the pension plan terms as plan member contribution requirements are classified as plan member contributions. Employer Contributions to the Plan for the fiscal year ended June 30, 2021 were \$911,046. The actual employer payments of \$1,167,827 made to CalPERS by the District during the measurement period ended June 30, 2020 differed from the District's proportionate share of the employer's contributions of \$851,995 by \$315,832, which is being amortized over the expected average remaining service lifetime in the Public Agency Cost-Sharing Multiple Employer Plan.

**B. Net pension liability**

The District's net pension liability for the Plan is measured as the total pension liability, less the pension plan's fiduciary net position. The net pension liability is measured as of June 30, 2020, using an annual actuarial valuation as of June 30, 2019 rolled forward to June 30, 2020 using standard update procedures. A summary of principal assumptions and methods used to determine the net pension liability is as follows.

*Mission Springs Water District*

**Notes to Financial Statements  
 For the Fiscal Year Ended June 30, 2021**

---

**NOTE 6: DEFINED BENEFIT PENSION PLAN, (CONTINUED)**

***Actuarial methods and assumptions used to determine total pension liability***

Valuation Date	June 30, 2019
Measurement Date	June 30, 2020
Actuarial Cost Method	Entry Age Normal
Asset Valuation Method:	Market Value of Assets
Discount Rate	7.15%
Inflation	2.50%
Salary Increase	Varied by Entry Age and Service
Mortality Rate Table (1)	Derived using CalPERS' membership data for all funds
Post Retirement Benefit Increase	Contract COLA up to 2.50% until purchasing power protection allowance floor on purchasing power applies, 2.50% thereafter

(1) The mortality table used was developed based on CalPERS' specific data. The probabilities of mortality are based on the 2017 CalPERS Experience Study for the period from 1997 to 2015. Pre-retirement and Post-retirement mortality rates include 15 years of projected mortality improvement using 90% of Scale MP-2016 published by the Society of Actuaries. For more details on this table, please refer to the CalPERS Experience Study and Review of Actuarial Assumptions report from December 2017 that can be found on the CalPERS website.

All other actuarial assumptions used in the June 30, 2019 valuation were based on the results of an actuarial experience study for the period from 1997 to 2015, including updates to salary increase, mortality and retirement rates. The Experience Study report can be obtained at CalPERS' website, at [www.calpers.ca.gov](http://www.calpers.ca.gov).

***Long-term expected rate of return***

The long-term expected rate of return on pension plan investments was determined using a building-block method in which expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class.

*Mission Springs Water District*

**Notes to Financial Statements  
For the Fiscal Year Ended June 30, 2021**

---

**NOTE 6: DEFINED BENEFIT PENSION PLAN, (CONTINUED)**

***Long-term expected rate of return, (Continued)***

In determining the long-term expected rate of return, CalPERS took into account both short-term and long-term market return expectations as well as the expected pension fund cash flows. Using historical returns of all the funds' asset classes, expected compound (geometric) returns were calculated over the short-term (first 10 years) and the long-term (11+ years) using a building-block approach. Using the expected nominal returns for both short-term and long-term, the present value of benefits was calculated for each fund. The expected rate of return was set by calculating the rounded single equivalent expected return that arrived at the same present value of benefits for cash flows as the one calculated using both short-term and long-term returns. The expected rate of return was then set equal to the single equivalent rate calculated above and adjusted to account for assumed administrative expenses.

The expected real rates of return by asset class are as follows:

<u>Asset Class<sup>1</sup></u>	<u>New Strategic Allocation</u>	<u>Real Return Years 1 - 10<sup>2</sup></u>	<u>Real Return Years 11+<sup>3</sup></u>
Global Equity	50.0%	4.80%	5.98%
Global Fixed Income	28.0%	1.00%	2.62%
Inflation Sensitive	-	0.77%	1.81%
Private Equity	8.0%	6.30%	7.23%
Real Estate	13.0%	3.75%	4.93%
Liquidity	1.0%	-	(0.92%)
<b>Total</b>	<u>100%</u>		

<sup>1</sup> In the Systems financial statements, fixed income is included in Global Debt Securities; Liquidity is included in Short-term Investments; Inflation Assets are included in both Global Equity Securities and Global Debt Securities.

<sup>2</sup> An expected inflation of 2.5% used for this period

<sup>3</sup> An expected inflation of 3.0% used for this period

***Change of assumptions***

The Plan adopted a new amortization policy effective with the 2019 actuarial valuation. The new amortization policy shortens the period over which actuarial gains and losses are amortized from 30 years to 20 years with the payments computed as a level dollar amount. In addition, the new policy does not utilize a five-year ramp-up and ramp-down on UAL bases attributable to assumption changes and non-investment gains/losses. The new policy also does not utilize a five-year ramp-down on investment gains/losses. These changes apply only to new UAL bases established on or after June 30, 2019.

*Mission Springs Water District*

**Notes to Financial Statements  
For the Fiscal Year Ended June 30, 2021**

---

**NOTE 6: DEFINED BENEFIT PENSION PLAN, (CONTINUED)**

***Discount rate***

The discount rate used to measure the total pension liability for PERF C was 7.15%. The projection of cash flows used to determine the discount rate assumed that contributions from plan members will be made at the current member contribution rates and that contributions from employers will be made at statutorily required rates, actuarially determined. Based on those assumptions, the Plan’s fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

***Pension plan fiduciary net position***

Information about the pension plan’s assets, deferred outflows of resources, liabilities, deferred inflows of resources, and fiduciary net position are presented in CalPERS’ audited financial statements, which are publicly available reports that can be obtained at CalPERS’ website, at [www.calpers.ca.gov](http://www.calpers.ca.gov). The plan’s fiduciary net position and additions to/deductions from the plan’s fiduciary net position have been determined on the same basis used by the pension plan, which is the economic resources measurement focus and the accrual basis of accounting. Benefits and refunds are recognized when due and payable in accordance with the terms of the plan. Investments are reported at fair value.

**C. Proportionate share of net pension liability**

The following table shows the Plan’s proportionate share of the net pension liability over the measurement period.

	<b>Increase (Decrease)</b>		
	Plan Total Pension Liability (a)	Plan Fiduciary Net Position (b)	Plan Net Pension Liability (c) = (a) - (b)
Balance at: 6/30/2019 (Valuation Date)	\$ 24,451,302	\$ 17,456,435	\$ 6,994,867
Balance at: 6/30/2020 (Measurement Date)	26,214,266	19,068,962	7,145,304
Net Changes during 2019-20	1,762,964	1,612,527	150,437

Valuation Date (VD), Measurement Date (MD)



*Mission Springs Water District*

**Notes to Financial Statements  
For the Fiscal Year Ended June 30, 2021**

---

**NOTE 6: DEFINED BENEFIT PENSION PLAN, (CONTINUED)**

**C. Proportionate share of net pension liability (Continued)**

The District's proportion of the net pension liability was determined by CalPERS using the output from the Actuarial Valuation System and the fiduciary net position, as provided in the CalPERS Public Agency Cost-Sharing Allocation Methodology Report, which is a publicly available report that can be obtained at CalPERS' website, at [www.calpers.ca.gov](http://www.calpers.ca.gov).

The District's proportionate share of the net pension liability for the Miscellaneous Plan as of the June 30, 2019 and 2020 measurement dates was as follows:

Proportionate share - MD June 30, 2019	0.17468%
Proportionate share - MD June 30, 2020	0.16940%
Change - Increase (Decrease)	-0.00528%

***Sensitivity of the proportionate share of the Net Pension Liability to changes in the discount rate***

The following presents the District's proportionate share of the net pension liability of the Miscellaneous Plan as of the measurement date, calculated using the discount rate of 7.15 percent, as well as what the net pension liability would be if it were calculated using a discount rate that is 1 percentage-point lower (6.15 percent) or 1 percentage-point higher (8.15 percent) than the current rate:

	<b>Discount Rate - 1% (6.15%)</b>	<b>Current Discount Rate (7.15%)</b>	<b>Discount Rate + 1% (8.15%)</b>
Plan's Net Pension Liability	\$ 10,633,783	\$ 7,145,304	\$ 4,262,883

***Subsequent events***

There were no subsequent events that would materially affect the results presented in this disclosure.

*Mission Springs Water District*

**Notes to Financial Statements  
For the Fiscal Year Ended June 30, 2021**

---

**NOTE 6: DEFINED BENEFIT PENSION PLAN, (CONTINUED)**

**C. Proportionate share of net pension liability (Continued)**

***Amortization of deferred outflows and deferred inflows of resources***

Under GASB 68, gains and losses related to changes in total pension liability and fiduciary net position are recognized in pension expense systematically over time.

The first amortized amounts are recognized in pension expense for the year the gain or loss occurs. The remaining amounts are categorized as deferred outflows and deferred inflows of resources related to pensions and are to be recognized in future pension expense.

The amortization period differs depending on the source of the gain or loss:

All other amounts	Straight-line amortization over the average expected remaining services lives (EARSL) of all members that are provided with benefits (active, inactive, and retired) as of the beginning of the measurement period
-------------------	--

The expected average remaining service lifetime (EARSL) is calculated by dividing the total future service years by the total number of plan participants (active, inactive, and retired) in the Public Agency Cost-Sharing Multiple-Employer Plan (PERF C).

The EARSL for PERF C for the measurement period ending June 30, 2020 is 3.8 years, which was obtained by dividing the total service years of 548,581 (the sum of remaining service lifetimes of the active employees) by 145,663 (the total number of participants: active, inactive, and retired) in PERF C. Inactive employees and retirees have remaining service lifetimes equal to 0. Total future service is based on the members' probability of decrementing due to an event other than receiving a cash refund.

**D. Pension expense and deferred outflows and deferred inflows of resources related to pensions**

As of the start of the measurement period (July 1, 2019), the District's net pension liability was \$6,994,867. For the measurement period ending June 30, 2020 (the measurement date), the District incurred a pension expense of \$1,315,630.

*Mission Springs Water District*

**Notes to Financial Statements  
For the Fiscal Year Ended June 30, 2021**

---

**NOTE 6: DEFINED BENEFIT PENSION PLAN, (CONTINUED)**

**D. Pension expense and deferred outflows and deferred inflows of resources related to pensions (Continued)**

As of June 30, 2021, the District has deferred outflows and deferred inflows of resources related to pensions as follows:

	<b>Deferred Outflows of Resources</b>	<b>Deferred Inflows of Resources</b>
Differences Between Expected and Actual Experience	\$ 368,219	\$ -
Changes of Assumptions	-	50,963
Difference Between Projected and Actual Earnings on Pension Plan Investments	212,263	-
Change in Employer's Proportion	-	370,689
Difference in Actual vs Projected Contributions	447,034	-
Pension Contributions Subsequent to Measurement Date	911,046	-
<b>Total</b>	<b>\$ 1,938,562</b>	<b>\$ 421,652</b>

The amounts above are net of outflows and inflows recognized in the 2019-20 measurement period expense. Contributions subsequent to the measurement date of \$911,046 reported with deferred outflows of resources will be recognized as a reduction of the net pension liability in the upcoming fiscal year. Other amounts reported as deferred outflows and deferred inflows of resources related to pensions will be recognized in future pension expense as follows:

<b>Fiscal Year Ended December 31:</b>	<b>Deferred Outflows/(Inflows) of Resources</b>
2022	\$ 80,256
2023	244,590
2024	179,211
2025	101,807
2026	-

**E. Payable to the pension plan**

At June 30, 2021, the District reported a payable of \$-0- for the outstanding amount of contributions to the pension plan required for the year then ended.

*Mission Springs Water District*

**Notes to Financial Statements  
For the Fiscal Year Ended June 30, 2021**

---

**NOTE 7: NET POSITION CLASSIFICATIONS**

Net position in the statement of net position is classified as (1) net investment in capital assets, (2) restricted, or (3) unrestricted. The details of net position as of June 30, 2021 are presented below:

	Water	Sewer	Balance
Net investment in capital assets:			
Capital assets, net of accumulated depreciation	\$ 64,604,732	\$ 64,904,847	\$ 129,509,579
Less capital related debt balances	<u>(473,633)</u>	<u>(7,847,664)</u>	<u>(8,321,297)</u>
Total net investment in capital assets	<u>64,131,099</u>	<u>57,057,183</u>	<u>121,188,282</u>
Restricted for:			
Debt reserve	<u>-</u>	<u>302,510</u>	<u>302,510</u>
Total restricted	<u>-</u>	<u>302,510</u>	<u>302,510</u>
Unrestricted:			
Designated for:			
Capital reserve	17,568,682 *	14,233,259	31,801,941
Self-insurance	107,841	42,159	150,000
Undesignated	<u>-</u>	<u>8,061,715</u>	<u>8,061,715</u>
Total unrestricted	<u>17,676,523</u>	<u>22,337,133</u>	<u>40,013,656</u>
Total net position	<u>\$ 81,807,622</u>	<u>\$ 79,696,826</u>	<u>\$ 161,504,448</u>

\*Targeted capital reserve designated by the board was \$25,374,401 as of June 30, 2021. However, only \$17,568,682 was available to be designated.

**NOTE 8: DEFERRED COMPENSATION AGREEMENT**

The District offers its employees a deferred compensation plan (DC Plan) created in accordance with Internal Revenue Code Section 457. The DC Plan, available to all of the District employees, permits them to defer a portion of their salary until future years. The deferred compensation is not available to employees until termination, retirement, death or an unforeseeable emergency.

All amounts of compensation deferred under the DC Plan are held in trust and are not subject to the creditors of the District. Accordingly, the assets and liabilities of the DC Plan are not reflected on these financial statements.

*Mission Springs Water District***Notes to Financial Statements  
For the Fiscal Year Ended June 30, 2021**

---

**NOTE 9: COMMITMENTS AND CONTINGENCIES*****Grant awards***

The District has received funds for specific purposes that are subject to review and audit by the grantors. Although such audits could generate expenditure disallowances under terms of the grants or contracts, management believes that any required reimbursements will not be material.

***Litigation***

Legal claims and lawsuits arise from time to time in the normal course of business, which, in the opinion of management, will have no material effect on the District's financial position.

***Refunding agreements***

Refunding agreements are amounts due to developers for water and sewer systems donated to the District. Refunds are based on new connections to each system. The District is not liable for amounts not refunded at the expiration of an agreement.

The District has entered into agreements to partially reimburse developers for payments made to construct water and/or sewer lines donated to the District. Reimbursements are made from the front footage charges collected by the District when new connections are made to the lines.

***COVID-19 considerations***

On March 11, 2020, the World Health Organization declared the novel strain of coronavirus (COVID-19) a global pandemic and recommended containment and mitigation measures worldwide. The COVID-19 outbreak in the United States has caused business disruption through mandated and voluntary closings of businesses and shelter in place orders for all but those deemed essential services. While the business disruption was temporary, there is still considerable uncertainty due to variants, known and unknown. The District continues to provide essential services to its customers. Its operations and revenue sources have not been significantly impacted by the pandemic. No adjustments have been made to these financial statements as a result of this uncertainty.

*Mission Springs Water District***Notes to Financial Statements  
For the Fiscal Year Ended June 30, 2021**

---

**NOTE 10: RISK MANAGEMENT**

The District is exposed to various risks of loss related to torts: theft of, damage to and destruction of assets; errors and omissions; and natural disasters. It is a member of the Association of California Water Agencies Joint Powers Insurance Authority (Insurance Authority). The Insurance Authority is a risk-pooling, self-insurance authority, created under the provisions of California Government Code Sections 6500 et. seq. The purpose of the Insurance Authority is to arrange and administer programs of insurance for the pooling of self-insured losses and to purchase excess insurance coverage.

On June 30, 2021, the District participated in the self-insurance program of the Insurance Authority as follows:

*Property Loss* – The Insurance Authority has pooled self-insurance up to \$100,000 per occurrence and has purchased excess insurance coverage up to \$500,000,000 (total insurable value of \$7,386,985), with deductibles ranging from \$2,500 to \$100,000.

*General, Auto and Public Officials Errors and Omissions Liability* – The Insurance Authority has pooled self-insurance up to \$5,000,000 and has purchased excess insurance coverage up to \$55,000,000.

*Cyber Liability* – The Insurance Authority has pooled self-insurance up to \$3,000,000 per occurrence subject to a \$5,000,000 aggregate limit.

*Fidelity: Public Employee Dishonesty, Forgery or Alteration, Computer Fraud & ERISA* – The Insurance Authority has pooled self-insurance up to \$1,000,000 per occurrence, with \$1,000 deductible.

*Workers' Compensation* – The Insurance Authority has pooled self-insurance up to \$2,000,000 each for workers' compensation and employers' liability. The employers' liability is insured up to \$2,000,000, in excess of \$2,000,000 Self-Insured Retention. Workers' compensation is insured up to the statutory limit.

There were no settlements in excess of the insurance coverage in any of the three prior fiscal years.

(This page intentionally left blank.)

**Required Supplementary Information**



(This page intentionally left blank.)

**Schedule of the District's Proportionate Share of the Net Pension Liability and Related Ratios as of the Measurement Date  
Last 10 Years\***

Measurement date	Employer's proportion of the collective net pension liability <sup>1</sup>	Employer's proportionate share of the collective net pension liability	Covered payroll	Employer's proportionate share of the collective net pension liability as a percentage of the employer's covered payroll	Pension plan's fiduciary net position as a percentage of the total pension liability
June 30, 2015	0.085197%	\$ 5,847,823	\$ 2,604,796	224.50%	69.65%
June 30, 2016	0.076692%	6,636,212	2,583,022	256.92%	67.04%
June 30, 2017	0.072935%	7,233,188	2,828,491	255.73%	67.25%
June 30, 2018	0.070742%	6,816,901	3,130,723	217.74%	70.50%
June 30, 2019	0.068262%	6,994,867	3,321,379	210.60%	71.39%
June 30, 2020	0.065671%	7,145,304	3,803,501	187.86%	72.74%

<sup>1</sup> Proportion of the collective net pension liability represents the plan's proportion of PERF C, which includes both the Miscellaneous and Safety Risk Pools excluding the 1959 Survivors Risk Pool.

\* Historical information is required only for measurement periods for which it is applicable. Future years' information will be displayed up to 10 years as information becomes available.

**Schedule of Pension Plan Contributions  
Last 10 Years\***

Fiscal year	Actuarially determined contribution	Contributions in relation to the actuarially determined contribution	Contribution deficiency (excess)	Covered payroll	Contributions as a Percentage of Covered Payroll
June 30, 2016	\$ 810,210	\$ (810,210)	\$ -	\$ 2,583,022	31.37%
June 30, 2017	879,168	(879,168)	-	2,828,491	31.08%
June 30, 2018	953,145	(953,145)	-	3,130,723	30.44%
June 30, 2019	1,027,933	(1,027,933)	-	3,321,379	30.95%
June 30, 2020	1,167,827	(1,167,827)	-	3,803,501	30.70%
June 30, 2021	911,046	(911,046)	-	4,042,901	22.53%

**Notes to Schedule:**

Change in Benefit Terms: None

Changes in Assumptions: For 2020, the Plan adopted a new amortization policy effective with the 2019 actuarial valuation. The new amortization policy shortens the period over which actuarial gains and losses are amortized from 30 years to 20 years with the payments computed as a level dollar amount. In addition, the new policy does not utilize a five-year ramp-up and ramp-down on UAL bases attributable to assumption changes and non-investment gains/losses. The new policy also does not utilize a five-year ramp-down on investment gains/losses. These changes apply only to new UAL bases established on or after June 30, 2019. There were no changes in assumptions in 2019. In 2018, demographic assumptions and inflation rate were changed in accordance to the CalPERS Experience Study and Review of Actuarial Assumptions December 2017. There were no changes in the discount rate in 2019. In 2017, the accounting discount rate was reduced from 7.65 percent to 7.15 percent. In 2016, there were no changes in the discount rate. In 2015, amounts reported reflect an adjustment of the discount rate from 7.5 percent (net of administrative expense) to 7.65 percent (without a reduction for pension plan administrative expense). In 2014, amounts reported were based on the 7.5 percent discount rate.

\* Historical information is required only for measurement periods for which it is applicable. Future years' information will be displayed up to 10 years as information becomes available.

**Supplementary Information**

(This page intentionally left blank.)

**Schedule of Operating Expenses by Natural Classification  
For the Year Ended June 30, 2021**

	Water	Sewer	Total
<b>OPERATING EXPENSES</b>			
Salaries and wages	\$ 3,137,897	\$ 1,406,926	\$ 4,544,823
Employee benefits	2,047,977	867,160	2,915,137
Bank and administrative charges	126,828	47,097	173,925
Materials and supplies	723,347	175,221	898,568
Equipment rental	5,799	2,154	7,953
Outside services	1,203,858	870,197	2,074,055
Ground water replenishment fees	92,912	-	92,912
Utilities	1,039,062	211,258	1,250,320
Directors' fees	19,081	7,085	26,166
Engineering	69,431	-	69,431
Insurance	167,284	62,120	229,404
Penalties	3,274	1,216	4,490
Professional services	604,778	224,582	829,360
Office expense	61,189	22,720	83,909
Repairs and maintenance	15,149	4,828	19,977
Standby reports	11,368	3,396	14,764
Dues and subscriptions	1,547	2,399	3,946
Permits	49,916	72,751	122,667
Training and conferences	31,299	9,385	40,684
Ground water management	(9,284)	(3,447)	(12,731)
Depreciation	2,274,341	1,751,664	4,026,005
<b>Total operating expenses</b>	<b>\$ 11,677,053</b>	<b>\$ 5,738,712</b>	<b>\$ 17,415,765</b>

**Schedule of Principal and Interest Repayments**  
**Note Payable - Assessment District #4 Special Assessment Bonds, Series R-1**  
**(Unaudited)**

Date	Interest Rate	Interest Due	Principal Payment	Total Debt Service	Balance Principal Unpaid
6/30/21		\$ -	\$ -	\$ -	\$ 8,000
7/2/21	11.375%	455	4,000	4,455	4,000
1/2/22	11.375%	228	-	228	4,000
7/2/22	11.375%	228	4,000	4,228	-
		<u>\$ 911</u>	<u>\$ 8,000</u>	<u>\$ 8,911</u>	<u>\$ -</u>

**Schedule of Principal and Interest Repayments**  
**Note Payable - Assessment District #7 Special Assessment Bonds**  
**(Unaudited)**

Date	Interest Rate	Interest Due	Principal Payment	Total Debt Service	Balance Principal Unpaid
6/30/21		\$ -	\$ -	\$ -	\$ 58,000
7/2/21	7.250%	2,102	13,000	15,102	45,000
1/2/22	7.250%	1,631	-	1,631	45,000
7/2/22	7.250%	1,631	14,000	15,631	31,000
1/2/23	7.250%	1,123	-	1,123	31,000
7/2/23	7.250%	1,123	15,000	16,123	16,000
1/2/24	7.250%	580	-	580	16,000
7/2/24	7.250%	580	16,000	16,580	-
		<u>\$ 8,770</u>	<u>\$ 58,000</u>	<u>\$ 66,770</u>	<u>\$ -</u>



**Schedule of Principal and Interest Repayments**  
**Note Payable – Certificates of Participation – United States Department of Agriculture**  
**(Unaudited)**

Date	Interest Rate	Interest Due	Principal Payment	Total Debt Service	Balance Principal Unpaid
6/30/21		\$ -	\$ -	\$ -	\$ 245,901
8/1/21	4.500%	5,533	-	5,533	245,901
2/1/22	4.500%	5,533	7,900	13,433	238,001
8/1/22	4.500%	5,355	-	5,355	238,001
2/1/23	4.500%	5,355	8,200	13,555	229,801
8/1/23	4.500%	5,171	-	5,171	229,801
2/1/24	4.500%	5,171	8,600	13,771	221,201
8/1/24	4.500%	4,977	-	4,977	221,201
2/1/25	4.500%	4,977	8,900	13,877	212,301
8/1/25	4.500%	4,777	-	4,777	212,301
2/1/26	4.500%	4,777	9,400	14,177	202,901
8/1/26	4.500%	4,565	-	4,565	202,901
2/1/27	4.500%	4,565	9,800	14,365	193,101
8/1/27	4.500%	4,345	-	4,345	193,101
2/1/28	4.500%	4,345	10,200	14,545	182,901
8/1/28	4.500%	4,115	-	4,115	182,901
2/1/29	4.500%	4,115	10,700	14,815	172,201
8/1/29	4.500%	3,875	-	3,875	172,201
2/1/30	4.500%	3,875	11,100	14,975	161,101
8/1/30	4.500%	3,625	-	3,625	161,101
2/1/31	4.500%	3,625	11,600	15,225	149,501
8/1/31	4.500%	3,364	-	3,364	149,501
2/1/32	4.500%	3,364	12,200	15,564	137,301
8/1/32	4.500%	3,089	-	3,089	137,301
2/1/33	4.500%	3,089	12,700	15,789	124,601
8/1/33	4.500%	2,804	-	2,804	124,601
2/1/34	4.500%	2,804	13,300	16,104	111,301
8/1/34	4.500%	2,504	-	2,504	111,301
2/1/35	4.500%	2,504	13,900	16,404	97,401
8/1/35	4.500%	2,192	-	2,192	97,401
2/1/36	4.500%	2,192	14,500	16,692	82,901
8/1/36	4.500%	1,865	-	1,865	82,901
2/1/37	4.500%	1,865	15,200	17,065	67,701
8/1/37	4.500%	1,523	-	1,523	67,701
2/1/38	4.500%	1,523	15,800	17,323	51,901
8/1/38	4.500%	1,168	-	1,168	51,901
2/1/39	4.500%	1,168	16,500	17,668	35,401
8/1/39	4.500%	797	-	797	35,401
2/1/40	4.500%	797	17,300	18,097	18,101
8/1/40	4.500%	407	-	407	18,101
2/1/41	4.500%	407	18,101	18,508	-
		<u>\$ 132,102</u>	<u>\$ 245,901</u>	<u>\$ 378,003</u>	<u>\$ -</u>

**Schedule of Principal and Interest Repayments**  
**Note Payable – Installment Sale Agreement**  
**Assessment District #12, Phase I and Phase II - Refinance**  
**(Unaudited)**

Date	Interest Rate	Interest Due	Principal Payment	Total Debt Service	Balance Principal Unpaid
6/30/21		\$ -	\$ -	\$ -	\$ 1,474,548
9/21/21	2.90%	21,381	123,619	145,000	1,350,929
3/21/22	2.90%	19,588	125,412	145,000	1,225,517
9/21/22	2.90%	17,770	127,230	145,000	1,098,287
3/21/23	2.90%	15,925	129,075	145,000	969,212
9/21/23	2.90%	14,054	130,946	145,000	838,266
3/21/24	2.90%	12,155	132,845	145,000	705,421
9/21/24	2.90%	10,229	134,771	145,000	570,650
3/21/25	2.90%	8,274	136,726	145,000	433,924
9/21/25	2.90%	6,292	138,708	145,000	295,216
3/21/26	2.90%	4,281	140,719	145,000	154,497
9/21/26	2.90%	2,240	50,760	53,000	103,737
3/21/27	2.90%	1,504	51,496	53,000	52,241
9/21/27	2.90%	759	52,241	53,000	-
		<u>\$ 134,452</u>	<u>\$ 1,474,548</u>	<u>\$ 1,609,000</u>	<u>\$ -</u>

**Schedule of Principal and Interest Repayments**  
**Note Payable – Installment Sale Agreement**  
**Mission Creek – 80 Acres**  
**(Unaudited)**

Date	Interest Rate	Interest Due	Principal Payment	Total Debt Service	Balance Principal Unpaid
6/30/21		\$ -	\$ -	\$ -	\$ 227,732
12/7/21	4.190%	4,779	7,412	12,191	220,320
6/7/22	4.190%	4,624	7,567	12,191	212,753
12/7/22	4.190%	4,465	7,726	12,191	205,027
6/7/23	4.190%	4,303	7,888	12,191	197,139
12/7/23	4.190%	4,138	8,053	12,191	189,086
6/7/24	4.190%	3,969	8,222	12,191	180,864
12/7/24	4.190%	3,797	8,394	12,191	172,470
6/7/25	4.190%	3,621	8,570	12,191	163,900
12/7/25	4.190%	3,442	8,749	12,191	155,151
6/7/26	4.190%	3,259	8,932	12,191	146,219
12/7/26	4.190%	3,071	9,120	12,191	137,099
6/7/27	4.190%	2,880	9,311	12,191	127,788
12/7/27	4.190%	2,685	9,506	12,191	118,282
6/7/28	4.190%	2,486	9,705	12,191	108,577
12/7/28	4.190%	2,283	9,908	12,191	98,669
6/7/29	4.190%	2,075	10,116	12,191	88,553
12/7/29	4.190%	1,863	10,328	12,191	78,225
6/7/30	4.190%	1,647	10,544	12,191	67,681
12/7/30	4.190%	1,426	10,765	12,191	56,916
6/7/31	4.190%	1,201	10,990	12,191	45,926
12/7/31	4.190%	1,078	11,113	12,191	34,813
6/7/32	4.190%	710	11,481	12,191	23,332
12/7/32	4.190%	568	11,623	12,191	11,709
6/7/33	4.190%	482	11,709	12,191	-
		\$ 64,852	\$ 227,732	\$ 292,584	\$ -

**Schedule of Principal and Interest Repayments**  
**Note Payable - State Revolving Fund Assessment District #12, Phase IV**  
**(Unaudited)**

Date	Interest Rate	Interest Due	Principal Payment	Total Debt Service	Balance Principal Unpaid
6/30/21		\$ -	\$ -	\$ -	\$ 3,388,171
1/31/22	2.200%	74,540	227,970	302,510	3,160,201
1/31/23	2.200%	69,525	232,985	302,510	2,927,216
1/31/24	2.200%	64,399	238,111	302,510	2,689,105
1/31/25	2.200%	59,160	243,350	302,510	2,445,755
1/31/26	2.200%	53,807	248,703	302,510	2,197,052
1/31/27	2.200%	48,335	254,175	302,510	1,942,877
1/31/28	2.200%	42,743	259,767	302,510	1,683,110
1/31/29	2.200%	37,029	265,481	302,510	1,417,629
1/31/30	2.200%	31,188	271,322	302,510	1,146,307
1/31/31	2.200%	25,219	277,291	302,510	869,016
1/31/32	2.200%	19,118	283,392	302,510	585,624
1/31/33	2.200%	12,884	289,626	302,510	295,998
1/31/34	2.200%	6,512	295,998	302,510	-
		\$ 544,459	\$ 3,388,171	\$ 3,932,630	\$ -

**Schedule of Principal and Interest Repayments**  
**Note Payable – Installment Sale Agreement**  
**Assessment District #12, Phase V**  
**(Unaudited)**

Date	Interest Rate	Interest Due	Principal Payment	Total Debt Service	Balance Principal Unpaid
6/30/21		\$ -	\$ -	\$ -	\$ 891,330
9/2/21	4.100%	18,272	27,651	45,923	863,679
3/2/22	4.100%	17,706	28,217	45,923	835,462
9/2/22	4.100%	17,127	28,796	45,923	806,666
3/2/23	4.100%	16,537	29,386	45,923	777,280
9/2/23	4.100%	15,935	29,988	45,923	747,292
3/2/24	4.100%	15,320	30,603	45,923	716,689
9/2/24	4.100%	14,692	31,231	45,923	685,458
3/2/25	4.100%	14,052	31,871	45,923	653,587
9/2/25	4.100%	13,399	32,524	45,923	621,063
3/2/26	4.100%	12,732	33,191	45,923	587,872
9/2/26	4.100%	12,051	33,872	45,923	554,000
3/2/27	4.100%	11,358	34,565	45,923	519,435
9/2/27	4.100%	10,648	35,275	45,923	484,160
3/2/28	4.100%	9,926	35,997	45,923	448,163
9/2/28	4.100%	9,188	36,735	45,923	411,428
3/2/29	4.100%	8,434	37,489	45,923	373,939
9/2/29	4.100%	7,666	38,257	45,923	335,682
3/2/30	4.100%	6,882	39,041	45,923	296,641
9/2/30	4.100%	6,081	39,842	45,923	256,799
3/2/31	4.100%	5,265	40,658	45,923	216,141
9/2/31	4.100%	4,431	41,492	45,923	174,649
3/2/32	4.100%	3,581	42,342	45,923	132,307
9/2/32	4.100%	2,712	43,211	45,923	89,096
3/2/33	4.100%	1,827	44,096	45,923	45,000
9/2/33	4.100%	923	45,000	45,923	-
		<u>\$ 256,745</u>	<u>\$ 891,330</u>	<u>\$ 1,148,075</u>	<u>\$ -</u>

**Schedule of Principal and Interest Repayments**  
**Note Payable – Installment Sale Agreement**  
**Assessment District #12, Phase VI**  
**(Unaudited)**

Date	Interest Rate	Interest Due	Principal Payment	Total Debt Service	Balance Principal Unpaid
6/30/21		\$ -	\$ -	\$ -	\$ 2,027,615
9/2/21	3.950%	40,046	57,567	97,613	1,970,048
3/2/22	3.950%	38,909	58,704	97,613	1,911,344
9/2/22	3.950%	37,749	59,864	97,613	1,851,480
3/2/23	3.950%	36,567	61,046	97,613	1,790,434
9/2/23	3.950%	35,361	62,252	97,613	1,728,182
3/2/24	3.950%	34,132	63,481	97,613	1,664,701
9/2/24	3.950%	32,878	64,735	97,613	1,599,966
3/2/25	3.950%	31,600	66,013	97,613	1,533,953
9/2/25	3.950%	30,296	67,317	97,613	1,466,636
3/2/26	3.950%	28,966	68,647	97,613	1,397,989
9/2/26	3.950%	27,610	70,003	97,613	1,327,986
3/2/27	3.950%	26,228	71,385	97,613	1,256,601
9/2/27	3.950%	24,818	72,795	97,613	1,183,806
3/2/28	3.950%	23,380	74,233	97,613	1,109,573
9/2/28	3.950%	21,914	75,699	97,613	1,033,874
3/2/29	3.950%	20,419	77,194	97,613	956,680
9/2/29	3.950%	18,894	956,680	975,574	-
		<u>\$ 509,767</u>	<u>\$ 2,027,615</u>	<u>\$ 2,537,382</u>	<u>\$ -</u>

# AGENDA STAFF REPORT

**MEETING NAME:** REGULAR BOARD MEETING(S)

**MEETING DATE(S):** MARCH 17 & 21, 2022

**FROM:** BRIAN MACY, ASSISTANT GENERAL MANAGER

**FOR:** ACTION                          DIRECTION                      INFORMATION




---

## RESOLUTION 2022-04 ADOPTION OF THE MISSION SPRINGS WATER DISTRICT LOCAL HAZARD MITIGATION PLAN

---

### STAFF RECOMMENDATION

Adopt Resolution No. 2022-04 adopting the Mission Springs Water District Local Hazard Mitigation Plan (LHMP).

### SUMMARY

In accordance with the Disaster Mitigation Act of 2000, the Federal Emergency Management Agency (FEMA) and the California Governor's Office of Emergency Services (CalOES) require that all governmental entities within California have a LHMP to be eligible for reimbursement for costs associated with natural disasters and/or FEMA mitigation funding for certain projects. The LHMP is a plan that assesses hazard vulnerabilities and identifies mitigation actions that jurisdictions will pursue to reduce or eliminate the level of injury, property damage, and community disruption that might otherwise result from such events.

### ANALYSIS

In July 2020, the Board approved a professional services contract with Sturdivan Emergency Management Consulting for the preparation of the LHMP. As part of this process, the District was also awarded a grant by CalOES Hazard Mitigation Grant Program in the amount of \$35,000. This grant obligated the District to a 25% match which totals \$8,750. In December of 2021, CalOES reviewed the LHMP for conformance to FEMA guidelines and subsequently sent the document to FEMA for their approval. The LHMP was approved by FEMA on March 1, 2022 and now requires the plan to be adopted by resolution for full compliance.

### FISCAL IMPACT AND STRATEGIC PLAN IMPLEMENTATION

Adoption of the LHMP does not have a fiscal impact.

### ATTACHMENTS

Exhibit A - Resolution 2022-04  
 Exhibit B – FEMA approval letter dated March 1, 2022  
 Exhibit C – Local Hazard Mitigation Plan

**RESOLUTION NO. 2022-04**

**A RESOLUTION OF THE BOARD OF THE DIRECTORS OF MISSION SPRINGS WATER DISTRICT TO ADOPT THE LOCAL HAZARD MITIGATION PLAN**

**WHEREAS**, the Mission Springs Water District is committed to protecting the constituents of the District from potential harm from natural and human-caused errors; and

**WHEREAS**, the Federal Emergency Management Agency (FEMA) and the California Governor’s Office of Emergency Services (CalOES) require that all governmental entities within the state have a Local Hazard Mitigation Plan (LHMP); and

**WHEREAS**, the Mission Springs Water District has developed an LHMP that conforms to the CalOES and FEMA LHMP guidelines and in accordance with the Disaster Mitigation Act of 2000; and

**WHEREAS**, this LHMP is an extension of the County of Riverside’s LHMP and the State of California LHMP; that the LHMP is only good for a term of five (5) years and the plan must be updated and reapproved by FEMA; and

**WHEREAS**, adoption of the LHMP by the Mission Springs Water District Board of Directors, demonstrates Mission Springs Water District’s commitment to fulfilling the mitigation goals and objectives outlined in the LHMP and authorizes responsible agencies, including Mission Springs Water District, to carry out the responsibilities under the plan; and

**WHEREAS**, upon adoption of the LHMP, all other previous Hazard Mitigation Plans are no longer valid; and

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of the Mission Springs Water District, gives its support to the plan, and urges staff to collectively incorporate mitigation measures into all District planning, facilities, and funding opportunities.

**ADOPTED** this \_\_\_\_\_ day of March 2022, by the following vote:

- Ayes:
- Noes:
- Abstain:
- Absent:

ATTEST:

---

Russ Martin,  
President of Mission Springs Water District  
and its Board of Directors

---

Arden Wallum,  
Secretary of Mission Springs Water District  
and its Board of Directors





FEMA

March 1, 2022

Bassam Alzammar  
Field Operations Manager  
Mission Springs Water District  
66575 Second Street  
Desert Hot Springs, CA 92240

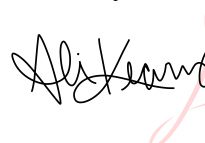
Dear Mr. Alzammar:

FEMA has completed its review of the *Mission Springs Water District Local Hazard Mitigation Plan 2021* and has determined that this plan is eligible for final approval pending its adoption by the Mission Springs Water District.

Formal adoption documentation must be submitted to FEMA Region 9 within one calendar year of the date of this letter, or the entire plan must be updated and resubmitted for review. FEMA will approve the plan upon receipt of the documentation of formal adoption.

If you have any questions regarding the planning or review processes, please contact the FEMA Region 9 Hazard Mitigation Planning Team at [fema-r9-mitigation-planning@fema.dhs.gov](mailto:fema-r9-mitigation-planning@fema.dhs.gov).

Sincerely,

 Digitally signed by  
ALISON KEARNS  
Date: 2022.03.01  
22:41:50 -08'00'

Alison Kearns  
Risk Analysis Branch Chief  
Mitigation Division  
FEMA Region 9

Enclosure (1)

Mission Springs Water District Plan Review Tool, dated March 1, 2022

cc: Victoria LaMar-Haas, Hazard Mitigation Planning Chief, California Governor's Office of  
Emergency Services  
Jennifer Hogan, State Hazard Mitigation Officer, California Governor's Office of  
Emergency Services



# Mission Springs Water District

## Local Hazard Mitigation Plan

CalOES Reviewed Date: December 26, 2021

FEMA Approval Date: March 1, 2022

District Board Approval Date: March XX, 2022

## Primary Contact During Plan Development

### Sturdivan Emergency Management Consulting

Gary Sturdivan

Mobile: (909) 658-5974

Email: [gsturdivan@semcllc.com](mailto:gsturdivan@semcllc.com)

### Agency Primary Contact:

Bassam Alzammam

Mission Springs Water District

Phone: (760) 660-4943

Email: [balzammam@mswd.org](mailto:balzammam@mswd.org)

## Table of Contents

### **SECTION 1. Introduction**

---

- 1.0 Purpose of the Plan
- 1.1 Authority
- 1.2 Community Profile
- 1.3 Physical Setting
- 1.4 Demographics
- 1.5 Existing Land Use
- 1.6 Development Trends

### **SECTION 2. Plan Adoption**

---

- 2.1 Adoption by Local Governing Body
- 2.2 Promulgation Authority
- 2.3 Primary Point of Contact

### **SECTION 3. Planning Process**

---

- 3.1 Preparing for the Plan
- 3.2 Planning Team
- 3.3 Coordination with Other Jurisdictions, Agencies, and Organizations
- 3.4 Public Involvement/Outreach
- 3.5 Assess the Hazards
- 3.6 Set Mitigation Goals
- 3.7 Review and Propose Possible Mitigation Measures
- 3.8 Draft Local Hazard Mitigation Plan
- 3.9 Adopt the Plan

### **SECTION 4. Risk Assessment**

---

- 4.1 Hazard Identification
  - 4.1.1. Hazard Screening Criteria
  - 4.1.2. Hazard Assessment Matrix
  - 4.1.3. Hazard Prioritization
- 4.2 Hazard Profile
- 4.3 Earthquake
- 4.4 Windstorms
- 4.5 Drought
- 4.6 Flooding
- 4.7 Wildfires
- 4.8 Population
- 4.9 Buildings
- 4.10 Critical Facility List
- 4.11 Vulnerability Assessment
- 4.12 Methodology

## **SECTION 5. Community Capability Assessment**

---

- 5.1 Agencies and People
- 5.2 Existing Plans
- 5.3 Regulations, Codes, Policies, and Ordinances
- 5.4 Mitigation Programs
- 5.5 Fiscal Resources

## **SECTION 6. Mitigation Strategies**

---

- 6.1 Overview
- 6.2 Mitigation Goals, Objectives, and Projects
- 6.3 Earthquake
- 6.4 Windstorms
- 6.5 Drought
- 6.6 Flooding
- 6.7 Wildfire
- 6.8 Mitigation Priorities
- 6.9 Implementation Strategy

## **SECTION 7. Plan Maintenance**

---

- 7.1 Monitoring, Evaluating and Updating the Plan
- 7.2 Implementation through Existing Programs
- 7.3 Continued Public Involvement

## **LIST OF FIGURES**

---

- Figure 1 Mission Springs Water District Boundary
- Figure 2 Flow Chart for Developing a Hazard Mitigation Plan
- Figure 3 Risk Assessment Process
- Figure 4 Big Bend
- Figure 5 Fault Map
- Figure 6 USGS ShakeMap
- Figure 7 USGS Modified Mercalli Intensity Scale
- Figure 8 Santa Ana Winds
- Figure 9 Drought Monitor
- Figure 10 Flood Zone
- Figure 11 Fault Map

## **LIST OF TABLES**

---

- Table 1 Plans Reviewed by Planning Team
- Table 2 Financial Resources for Future Mitigation Projects
- Table 3 Hazard Assessment Matrix
- Table 4 California Earthquakes
- Table 5 Beaufort Wind Scale
- Table 6 Desert Hot Springs Windstorm History
- Table 7 California Drought History

- Table 8 Previous Occurrences of Flooding
- Table 9 Local Wildfires
- Table 10 Critical Facilities Exposure

**APPENDICES**

---

- Appendix A - Meeting Matrix
- Appendix B - Screenshot of LHMP Page
- Appendix C - Public Comments

## **SECTION 1: INTRODUCTION**

---

### **1.0 Purpose of the Plan**

Emergencies and disasters can leave people injured or displaced, cause significant damage to our communities, businesses, public infrastructure, and environment, result in response and recovery dollars and economic loss, and may even cause or contribute to fatalities. Hazard mitigation attempts to reduce the risk of personal damages, loss of life, and property damages caused by emergencies and disasters.

Repairs and reconstruction after disasters are often completed to simply restore infrastructure to pre-disaster conditions. Such efforts expedite a return to normalcy; however, merely replicating pre-disaster conditions often results in a cycle of damage, reconstruction, and repeated damage. Hazard mitigation attempts to break this cycle by reducing hazard vulnerability.

While we cannot prevent disasters from happening, their effects can be reduced or minimized through preparedness and mitigation. For those hazards that cannot be fully mitigated, the community must be prepared to provide an efficient and effective response and recovery to emergencies. This can be accomplished through well-organized public education and awareness efforts.

The purpose of this Local Hazard Mitigation Plan (LHMP) is to identify potential hazards to Mission Springs Water District (MSWD or District) and formulate mitigation measures for the future protection of the District's critical infrastructure and the community's safety with respect to the District's facilities and services. Approval of this LHMP by the State of California Office of Emergency Services (CalOES) will also allow the Department to become eligible to receive federal funding assistance under the Local Hazard Mitigation Grant Program or the Pre-Disaster Mitigation Program as administered by the Federal Emergency Management Agency (FEMA).

### **1.1 Authority**

MSWD is under the District's authority operating pursuant to California Water Code Section 3000 et. Seq. and under the State of California Department of Water Resources, Drinking Water Division. The District is governed by a five-member board elected from within the District's services boundaries.

As required by FEMA, LHMPs must be updated, adopted, and approved every five years. This is the District's first LHMP.

### **1.2 Community Profile**

MSWD serves Desert Hot Springs, a portion of Palm Springs, and the unincorporated communities of North Palm Springs, West Garnet, Painted Hills, Mission Lakes Country Club, and west to the Cabazon Indian Reservation.

For the Desert Hot Springs area, the District provides the majority of the potable water supply from the Mission Creek Subbasin to its customers. It is bounded on the north by the Mission Creek Fault and on the south by the Banning Fault. Eight deep-water wells within the Mission Creek Subbasin, three within the Indio Subbasin, and two within the San Gorgonio Pass Subbasin provide water to the District's distribution system. MSWD's western-most service area includes the West Palm Springs Village and Palm Springs Crest areas. These areas receive water produced from the Cabazon Groundwater Basin, which is in the eastern portion of the San Gorgonio Pass Subbasin and the Indio Subbasin.

### **1.3 Physical Setting**

Located about 100 miles east of the Pacific Ocean, the District lies within the borders of Riverside County. Just 10 miles north of Palm Springs, 75 miles east of Los Angeles, 140 miles north of San Diego, and encompassed between San Bernardino National Forest and Joshua Tree National Park. The District's current service area encompasses approximately 390 miles of pipelines or 135 square miles.

The topography of the area is characterized by some of the purest hot and cold mineral springs in the world thanks to an underground aquifer beneath the city. The District's service area is on top of a multitude of subbasins. Mission Creek Subbasin being the largest, with a recharge facility located northwest of Desert Hot Springs.

### **1.4 Demographics**

MSWD service area community is considered a disadvantaged community by the State of California. Per the 2020 United States census, the people living within the service area had a Median Household Income (MHI) of \$33,046, with 33.1% of the population living below the federal poverty line. The MHI of California is \$75,235.

### **1.5 Existing Land Use**

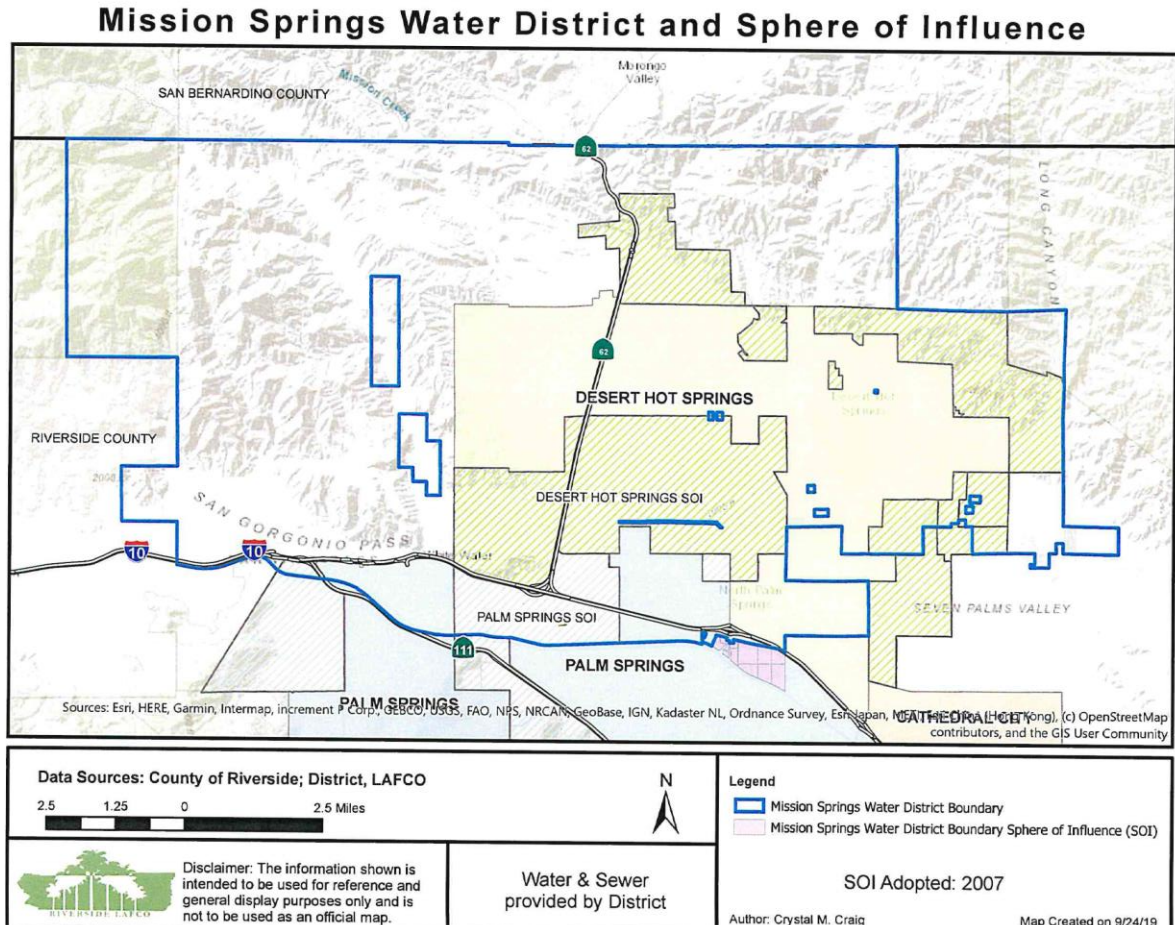
The existing land use is housing, commercial, and light industry with a few areas fully developed. The City of Desert Hot Springs regulates land use in the city. Riverside County regulates land use in the county areas within the jurisdictional boundaries of the District's service area.

### **1.6 Development Trends**

Strategically located 75 miles east of Los Angeles, the Desert Hot Springs area offers potential development opportunities. Strong growth is projected to occur for several more decades. The area will remain a highly desirable location for new investments. Local government is business- friendly and fiscally sound, there are no taxes levied on residents or businesses, and recent improvements to wastewater treatment and water supply systems provide adequate capacity to meet almost any need.



Currently, there are large housing developments under construction, and there are some infill residential properties under development in the service area. Home prices in the area are increasing at a lower rate than other communities in the Coachella Valley, and recent developments are not expected to change current demographics.



**Figure 1.** Mission Springs Water District Boundary

## **SECTION 2: PLAN ADOPTION**

---

### **2.1 Adoption by Local Governing Body**

The completed MSWD LHMP will be presented to the Board of Directors for adoption after CalOES and FEMA have approved the document. Upon adoption by the Resolution of the Board of Directors, the LHMP will be sent to CalOES and FEMA for their records.

The completed and adopted plan will be forwarded to the Riverside County Fire Office of Emergency Management for their use.

### **2.2 Promulgation Authority**

This LHMP will be adopted by the District's elected Board of Directors, following approval of the plan by CalOES and FEMA:

**Nancy Wright**  
*President, Division 1*

**Russ Martin**  
*Vice President, Division 3*

**Randy Duncan**  
*Director, Division 2*

**Ivan Sewell**  
*Director, Division 4*

**Steve Grasha**  
*Director, Division 5*

### **2.3 Primary Point of Contact**

The point of contact for information regarding this plan before approval by FEMA is:

**Bassam Alzammam**  
*Mission Springs Water District*  
[balzammam@mswd.org](mailto:balzammam@mswd.org)

**Gary Sturdivan**  
*Sturdivan Emergency Management Consulting, LLC.*  
[gsturdivan@semcllc.com](mailto:gsturdivan@semcllc.com)

## **SECTION 3: PLANNING PROCESS**

---

This section documents the planning process used to review and compile information that leads to an effective LHMP. A comprehensive description of the planning process informs citizens and other readers how the plan was developed and provides a permanent record of how decisions were reached. These decisions can be understood, reconsidered, replicated, or modified in future updates. An integral part of the planning process is documentation of how the public was engaged throughout the process.

This LHMP was completed with the coordination and involvement of the MSWD staff and representatives from the City of Desert Hot Springs and local water agencies. These team members have a vested interest in the performance and resiliency of the District.

Riverside County Office of Emergency Services reviewed the plan for items that should be included from the County's Hazard Mitigation Plan. Riverside County Fire OES supplied hazard maps that are included in this document.

This section includes a list of the Planning Team members, a summary of the meetings held, coordination efforts with the surrounding communities/groups, and public outreach efforts.

### **3.1 Preparing for the Plan**

The Planning Team reviewed FEMA's "Hazard Mitigation Plan Review Tool", where Riverside County OES supplied information on past events that affected the service area. The Planning Team also reviewed Riverside County's HMP and the City of Desert Hot Springs HMP.

Riverside County OES completed a FEMA Hazard Profile of the area and provided maps to the District for use in this LHMP. The hazard profile maps were used in the planning meetings to show past flood areas, earthquakes, flash floods, and other disasters that have affected the area. The Planning Team discussed the different emergency events that have happened in the community, such as flash flooding, earthquakes, windstorms, power outages, and freezing events. Members of the Planning Team have been longtime residents of the community and have lived through many of these emergency events.

The planning process consisted of:

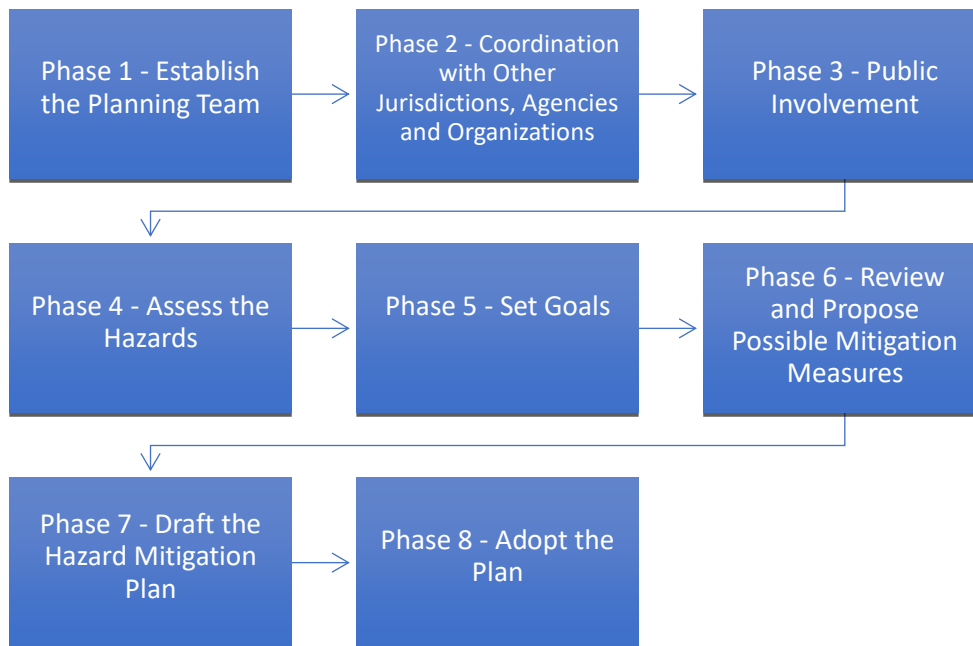
- Documenting past events
- Incorporating data
- Engaging the Planning Team
- Posting the meeting agendas, meeting minutes, and draft LHMP onto the District's website and asking for public input and comments on the planning process
- Sharing information at the monthly Board of Directors' meetings

- Conducting public outreach

During the process, the Planning Team used the following plans to gain information on the hazards that face the service area and the mitigation goals of the District and the County of Riverside:

**Table 1.** Plans Reviewed by Planning Team

Study Plan	Key Information
MSWD Water/Wastewater System Comprehensive Master Plans, URS, 2008	Population, Future Infrastructure, Future Water Supply
Hi-Desert Water District HMP, 2016	HMP Layout, Subject Matter for Water Districts
Riverside County EMS HMP, 2018	Hazards Facing Local Agencies
Emergency Response Plan (ERP), 2020	Identified Hazards in HMP



**Figure 2.** Flow Chart for Developing a Hazard Mitigation Plan

**Table 2.** Financial Resources for Future Mitigation Projects

Local	Revenues	Amount
The Department's Budgets and Financial Planning Documents	Water Sales, New Construction, Wastewater Fees and Treatment Fees	Varies from year to year
FEMA Grants	None	None
State Revolving Funds Draft Application	Construction of Wastewater treatment facilities	\$45M-\$55M
FEMA Mitigation Grants	LHMP Grant, 2020	\$35,000
Prop. 84 Round 1 (Planning)	Update of the CV IRWM Plan	\$1,000,000
	CVRWVG 2018 IRWM Plan Update	\$211,982
Prop. 84 Round 1 (Implementation)	Assessment District 12, Area D-1 Sewer Construction	\$1,000,000
	Assessment District 12, Area J-1 Sewer Construction	\$756,500
Prop 84 Round 2 (Implementation)	Assessment District 12, Area D-2 Sewer Construction	\$1,900,000

	Recycled Water Program Dev. Feasibility Study	\$245,000
Prop 84 Round 3 (Drought)	Regional Turf Reduction Prog. And DAC Onsite Plumbing Retrofit Prog.	\$365,000
Prop. 84 Round 4 (Implementation)	MSWD Water Supply Reliability Program (Well 42 & Advanced Metering Technology Pilot Project	\$919,916
Prop. 1 Round 1(DAC Involvement)	MSWD GQPP Areas H & I Sewer Design	\$372,677
Prop. 1 Round 1 (Implementation)	Assessment District 18 Area D-3 Sewer Construction	\$77,000
	Regional Water Conservation Program	\$75,000
AB 1318 Mitigation Fee Fund (SCAQMD)	Well 33 Solar Project	\$3,300,000
Prop. 1 CV Mountains Conservancy	Willow Hole Monitoring Wells	\$95,156

Environmental Protection Agency	Assessment District 12	\$2,044,500 (several grants)
California Prop. 40	Assessment District 12	\$1,914,413
California State Water Resources Control Board	Assessment District 12	\$4,815,379
US Army Corps of Engineers – Federal Grants	Sewer Master Plan	\$317,979
	Assessment District 12, Areas M, F, D-1, D-2, J, J-1 Design	\$3,028,000
Bureau of Reclamation	Water Recycling Appraisal, IRWMP	\$383,050
California Prop. 13	Dos Palmas Waterlines	\$5,000,000

### 3.2 Planning Team

The Planning Team compiled information and reviewed this LHMP under the authorization of the District. The Planning Team members include:

**Danny Friend**

*Director of Engineering and Operations*

**Bassam Alzammar**

*Field Operations Manager*

**Amanda Lucas**

*Operations Administrative Assistant*

**Lee Boyer**

*Chief Plant Operator, Wastewater*

**April Scott**

*Customer Service Manager*

**Jeff Nutter**

*Construction and Maintenance Superintendent*

**Juan Hernandez**

*Water Production and Maintenance Foreperson*

**Victoria Llort**

*Programs and Public Affairs Associate*

**Luiz Santos**

*Associate Engineer*

**External Stakeholders Document Reviewers**

**Ray Kolisz**

General Manager Twentynine Palms Water District

**Mark Ban**

General Manager Joshua Basin Water District

**Mark Bassett**

Riverside County Emergency Management Division

**3.3 Coordination with Other Jurisdictions, Agencies, and Organizations**

The consultant first called the Planning Team and asked for their input. The consultant electronically sent the draft document to each team member and gave them a week to make comments. Residents were informed and invited to participate in the meetings and come to the Board meetings once a month. The information was posted on the customers' water bill each month and listed the link to the District's website, where the draft LHMP is posted.

Outside stakeholders received the document in chapters as they were being formed; any comments were directed back to Gary Sturdivan for review. The external stakeholders made no comments. Stakeholders were invited to participate in the review meetings that were held via zoom; however, no stakeholders participated.



The Planning Team participated in monthly meetings to coordinate efforts, provide input, and receive support for the LHMP. The support included receiving technical expertise, resource materials, and tools. The District facilitated the LHMP process and provided information to follow FEMA requirements for the program. The tools, resource materials, and other project-related information are maintained on a project portal on the District's website, which allows access to the information by all participants and the public.

All draft revisions of the LHMP were posted on the District's website, and a statement was printed on three months of customers' water bills, letting the customer know how to get to the plan. Mr. Gary Sturdivan's contact information was on each document for any questions or concerns. The MSWD LHMP Planning Team reviewed the document and made corrections or voiced concerns to the consultant. These comments were discussed at the next Planning Team meeting, and corrections were then made to the document.

### **3.4 Public Involvement/Outreach**

The Planning Team participated in monthly meetings on Zoom to coordinate efforts, provide input, and receive support for the LHMP. The draft LHMP was provided to the public during a 30-day review for the comments period, as required by FEMA. The LHMP was posted on the District's website for a 30-day review period <https://www.mswd.org/>. Requests were made on the website for public comments, and the website included notifications that comments could be made by emailing Mr. Sturdivan at [gsturdivan@semcllc.com](mailto:gsturdivan@semcllc.com) or by calling Mr. Sturdivan at (909) 658-5974.

No public comments were received by Mr. Sturdivan or by the District's staff. The Appendices provide details of the public involvement process, such as the meeting dates, purpose, agendas, and public comments (if any), as well as a screenshot and link of the webpage showing requests for public participation.

### **3.5 Assess the Hazards**

A critical component of the LHMP process is to assess the likely hazards that may impact the District's facilities and operations. It is important to have a thorough understanding of these hazards without over-analyzing remote or highly unlikely hazards.

This LHMP has been developed through an extensive review of available information on hazards the District has faced in the past and most likely will face in the future. The Planning Team reviewed and discussed items that have happened in the State of California as well as disasters that have happened in other desert areas of the United States. The Planning Team reviewed documents such as engineering drawings, photographs, and available geotechnical and geologic data both from the Internet and other sources such as FEMA Hazard Maps, Riverside County Hazard Map, as well as documents from the District on past events.

The Planning Team completed the assessment of the various hazards in a group setting. The Planning Team members have many years of personal experience working in the local area and many working with a water utility. Team members know the history of past hazardous or emergency events, such as the 1992 Landers Earthquake, a 7.3 magnitude earthquake that severely impacted the region.

### **3.6 Set Mitigation Goals**

The Planning Team set the goals for the 2020 LHMP. The Planning Team members understand the issues facing the District with respect to the District’s Mission Statement:

***“MSWD has one simple mission: Provide, protect, and preserve our most valuable resource... Water.”***

Those eight words capture a complex and dynamic task.

The process of identifying mitigation goals began with a review and validation of damages caused by specific hazards at similar agencies in the surrounding area. Damages to other agencies outside the area were also considered. In addition, the Planning Team estimated damages using engineering budget estimates for anticipated response and replacement costs. The Planning Team completed an assessment of the likelihood and damages for each identified hazard and discussed whether each of the mitigation goals was valid. This discussion led to the opportunity to identify new goals and objectives for mitigation in the LHMP. From this, the Planning Team determined the best mitigation goals to reduce or avoid long-term vulnerabilities.

### **3.7 Review and Propose Possible Mitigation Measures**

A wide variety of mitigation measures that can be identified to help reduce the impact of the hazards or the severity of the damage from hazards was examined. The projects were identified to help ensure the implementation of the Planning Team’s goals and objectives. The following categories were used in the review of possible mitigation measures:

1. Public Information and Education – Outreach projects and technical assistance.
2. Preventative Activities – Zoning, building codes, stormwater ordinances.
3. Structural Projects – Detention basin, reservoirs, road, and bridge improvements.
4. Property Protection – Acquisition, retrofitting.
5. Emergency Services – Warning, sandbagging, road signs/closures, evacuation.
6. Natural Resource Protection – Wetlands, protection, best management practices.

Throughout the discussions, the Planning Team focused on the mitigation aspects recommended by FEMA in STAPLEE (Social, Technical, Administrative, Political, Legal, Economical, and Environmental) to arrive at their opinions. The Planning Team then prioritized the individual mitigation measures considered the most appropriate for the District.

Based on STAPLEE, the Planning Team addressed the following questions to determine mitigation options:

**Does the Action:**

1. Solve the problem?
2. Address vulnerability assessment?
3. Reduce the exposure or vulnerability to the highest priority hazard?
4. Address multiple hazards?
5. Address more than one goal/objective?
6. Benefits equal or exceed costs?

**Can the Action:**

1. Be implemented with existing funds?
2. Be implemented by existing state or federal grant programs?
3. Be completed within the five-year life cycle of the LHMP?
4. Be implemented with currently available technologies?

**Will the Action:**

1. Be accepted by the community?
2. Be supported by the community leaders?
3. Adversely impact segments of the population or neighborhoods?
4. Result in legal action such as a lawsuit?
5. Positively or negatively impact the environment?

**Is there:**

1. Sufficient staffing to undertake the project?
2. Sufficient funds to complete the project?
3. Existing authority to undertake the project?

### **3.8 Draft Local Hazard Mitigation Plan**

The District's consultant led the Planning Team and prepared the draft LHMP with input from the Planning Team, Board of Directors, and the public. The Planning Team reviewed and commented on the draft LHMP, and subsequent changes were made before the LHMP was finalized and adopted by the Board of Directors. All meeting agendas, meeting minutes, and draft documents were posted on the District's website. Notices were sent to all water customers in the service area stating that all LHMP documents were posted on the website asking for comments. Each Board meeting was opened with a public comment period. The consultant, Gary Sturdivan, addressed all comments and concerns.

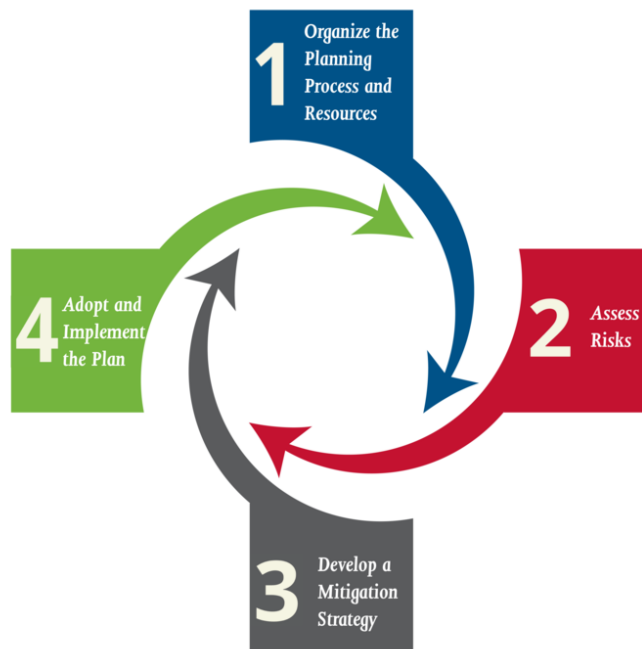
The LHMP was reviewed in comparison to the FEMA-designed Review Tool. The review tool links the federal requirements and identifies the sections in the LHMP where the information can be found and provides a rating as to the level of compliance with the federal regulations.

### **3.9 Adopt the Plan**

The draft LHMP was posted on the District's website for 30 days, inviting comments from the public. The public could comment by email or telephone, as Mr. Sturdivan's email address and phone number are on the cover of the document. After the public review, the draft plan will be submitted to the State of California OES for review. Once the state has approved the LHMP, the document will be sent to FEMA by the State. FEMA will provide the District with an "Approval Pending Adoption" letter when the Hazard Mitigation Plan update meets all federal requirements. Upon receipt of this letter, the final plan will be submitted to the District's Board of Directors for consideration and adoption. Once adopted, the final resolution will be submitted to FEMA for incorporation into the Hazard Mitigation Plan, and a copy of the resolution will be sent to CalOES and FEMA. A copy of the final LHMP will be delivered to the Riverside County Office of Emergency Management.

## SECTION 4: RISK ASSESSMENT

FEMA defines the risk assessment process as a multi-step effort in “Understanding Your Risks: Identifying Hazards and Estimating Losses (FEMA 2001). The risk assessment process provides the foundation for the rest of the mitigation planning process. The four basic components of the risk assessment are: 1) organize the planning process and resources; 2) assess risks; 3) develop a mitigation strategy; and 4) adopt and implement the plan. This process measures the potential loss of life, personal injury, economic injury, and property damage resulting from natural hazards by assessing the vulnerability of people, buildings, and infrastructure to natural hazards. While many data sources and tools are available at various levels of government, academia, and the private sector, several options are listed below as a starting point for use in conducting a multi-hazard risk assessment. (see Figure 3).



**Figure 3.** Risk Assessment Process

The risk assessment approach for MSWD is composed of these four steps, and each step is organized in a separate subsection of Section 4. Section 4.1 (step 1) includes hazard identification and screening. Even though a particular hazard may not have occurred in recent history in the study area, all hazards that may potentially affect the study area are considered. During this process, all hazards that are unlikely to occur or for which the risk of damage is accepted as very low are eliminated from consideration. All reasonable possible hazards affecting the study area are considered and ranked by the Planning Team and stakeholders. Section 4.2 (step 2) provides a profile for each of the significant hazards identified during the screening process. In general, hazard profiling is accomplished by describing hazards in terms of their natural history, magnitude, frequency, location, and probability. Hazards are identified through the collection of historical and anecdotal information, review of existing plans and studies, and preparation of hazard maps of the study area. Hazard maps are used to determine the geographical extent of

the hazard and define the approximate boundaries of areas of risk. Wherever possible, the profile includes a discussion of local characteristics and possible impacts on the community. Section 4.3 (step 3) discusses the process of creating an inventory of the District's critical facilities and infrastructure that may be affected by hazard events. This step includes a comprehensive information gathering and prioritization process essential to perform the vulnerability assessment and loss estimation. Section 4.4 (step 4) presents the methodologies and results of loss estimation for the key hazards identified in step 2.

## **4.1 Hazard Identification**

The Planning Team discussed potential hazards and evaluated their probability of occurrence. The following subsections describe this process and the results. The American Water Works Association J-100 RAMCAP was used to identify and rank the hazards.

### **4.1.1 Hazard Screening Criteria**

The intent of screening the hazards is to help prioritize which hazards create the greatest concern to the District. A list of the natural hazards to consider was obtained from the Federal Emergency Management Agency's State and Local Mitigation Planning How-to Guide: Understanding Your Risks (FEMA 386-1). The Planning Team used the Stafford Act and the California Emergency Service Act and guidance from the American Water Works Association standards, G-440 and J-100 RAMCAP. Each risk was ranked with a 1 – 4: with (1) being a "Highly Likely" event, (2) being "Likely" (3) being "Somewhat Likely" event, and (4) being "Least Likely" event. The Planning Team reviewed each hazard on the list using their experience and historical data pertaining to each hazard and developed the following ranked list. Windstorms cause power outages and Public Safety Power Shutoff (PSPS) events. The District has backup generators at the most critical sites.

Hazards:

- Earthquake = 1
- Windstorms = 1
- Drought = 2
- Flooding = 3
- Wildfires = 3

The following natural hazards were considered not to affect or not to be a risk to the District and were given a ranking of 4 or not applicable to the District's location.

- Volcanoes
- Tsunami
- Landslide
- Dam Inundation

### 4.1.2 Hazard Assessment Matrix

The Planning Team used a qualitative ranking system for the hazard screening process consisting of generating a high/medium/low style rating for the probability and impact of each screened hazard.

- For **Probability**, the ratings are: Highly Likely, likely, or Somewhat Likely
- For **Impact**, the ratings are: Catastrophic, Critical, or Limited
- For **Priority**, the ratings are: High, Medium, and Low

The hazard assessment matrix is used for the District’s hazards. The hazards have been placed in the appropriate/corresponding box/cell of the corresponding “Hazard Matrix” based on the Planning Team’s collective experience. A subset of this group of hazards is used for the prioritization of the hazards in the following section. See table 3 below.

**Table 3.** Hazard Assessment Matrix

	Impact			
	Catastrophic	Critical	Limited	
Probability	<b>Highly Likely (1)</b> (75 – 100%)	Earthquake	Windstorms	
	<b>Likely (2)</b> (50-75%)		Drought	
	<b>Somewhat Likely (3)</b> (50 – 75%)			Flooding Wildfires

### 4.1.3 Hazard Prioritization

By combining the Hazard Assessment Matrix, table 3 above, showing 1) probability and 2) impact for each screened hazard and indicating the potential for implementing mitigation measures to reduce the risk, a prioritized ranking of the hazards was developed.

**Probability Ratings:** Highly Likely, Likely, or Somewhat Likely

**Impact Ratings:** Catastrophic, Critical, or Limited

## 4.2 Hazard Profile

This plan is the first Hazard Mitigation Plan for the District. The Planning Team reviewed FEMA hazard maps from HAZUS (Hazards in the US), and with the Planning Team's knowledge of the area, the past events in the area, the Planning Team determined which hazards were the most likely to cause damage to the District's infrastructure. HAZUS is a FEMA program that identifies all-natural hazards throughout the United States.

Each of the hazards was ranked from Highly Likely, Likely. And somewhat likely. The impact to the agency is also ranked from Catastrophic, Critical, and Limited. The Planning Team also ranked the priority for each of the hazards as High, Medium, and Low. The reader will see each of these rankings on all the hazards identified in the document.

## 4.3 Earthquake

**Probability:** Highly Likely (1)

**Impact:** Catastrophic

**Priority:** High

**General Definition:** An earthquake is a sudden, rapid shaking of the Earth caused by the breaking and shifting of rock beneath the Earth's surface. For hundreds of millions of years, the forces of plate tectonics have shaped the Earth as the huge plates that form the Earth's surface move slowly over, under, and past each other. Sometimes the movement is gradual. At other times, the plates are locked together, unable to release the accumulating energy. When the accumulated energy grows strong enough, the plates break free, causing the ground to shake. Most earthquakes occur at the boundaries where the plates meet; however, some earthquakes occur in the middle of plates.

Ground shaking from earthquakes can collapse buildings and bridges; disrupt water, sewer, gas, electric, and phone service; and sometimes trigger landslides, avalanches, flash floods, fires, and huge, destructive ocean waves (tsunamis). Buildings with foundations resting on unconsolidated landfills and other unstable soil and trailers and homes not tied to their foundations are at risk because they can be shaken off their mountings during an earthquake. When an earthquake occurs in a populated area, it may cause deaths and injuries, and extensive property damage.

Earthquakes strike suddenly, without warning. Earthquakes can occur at any time of the year and at any time of the day or night. On a yearly basis, 70 to 75 damaging earthquakes occur throughout the world. Estimates of losses from a future earthquake in the United States approach \$200 billion.

There are 45 states and territories in the United States at moderate to very high risk from earthquakes, and they are in every region of the country. California experiences the most



frequent damaging earthquakes; however, Alaska experiences the greatest number of large earthquakes--most located in uninhabited areas. The largest earthquakes felt in the United States were along the New Madrid Fault in Missouri, where a three-month-long series of quakes from 1811 to 1812 included three quakes larger than a magnitude of 8 on the Richter Scale. These earthquakes were felt over the entire Eastern United States, with Missouri, Tennessee, Kentucky, Indiana, Illinois, Ohio, Alabama, Arkansas, and Mississippi- experiencing the strongest ground shaking.

**Description:** Mission Springs Water District is in a tectonically active region near the boundary of the Pacific and American crustal plates. This boundary is generally marked by the San Andreas Fault Zone, which extends throughout the District. The San Andreas system of faults exhibits predominantly right strike-slip movement (i.e., horizontal displacement to the right when viewed across the faults), whereby the Pacific Plate moves relatively northwest with respect to the continent. This active tectonic environment has strongly influenced the geologic and physiographic history of the District.

The Coachella Valley region of Riverside County incorporates portions of two major physiographic provinces delineated by tectonic structures—the Transverse Ranges and Peninsular Ranges provinces. The Transverse Ranges province is a structurally complex region of east-west trending mountain ranges and valleys separated by faults. The east-west orientation of structural and physiographic features in this province is unique in California (and in much of North America) and is in marked contrast to the generally north-south trend of adjacent provinces. The origin of this unique orientation is uncertain, with the most probable explanation related to rotational stress fracturing from strike-slip (horizontal) movement along the San Andreas Fault Zone. The combined effects of movement along the San Andreas Fault Zone and the formation and displacement of transverse (east-west) faults have splintered much of the province into a series of small, mobile, crustal blocks. Compressive forces related to displacement along the San Andreas Fault Zone have uplifted a number of these crustal fragments, producing the current topographic profile. These compressive forces are ongoing, with the uplift of both the San Gabriel and San Bernardino Mountains continuing up to the present. This has resulted in the level alleviated basins and relatively down-dropped crustal blocks, which define the current topographic configuration.

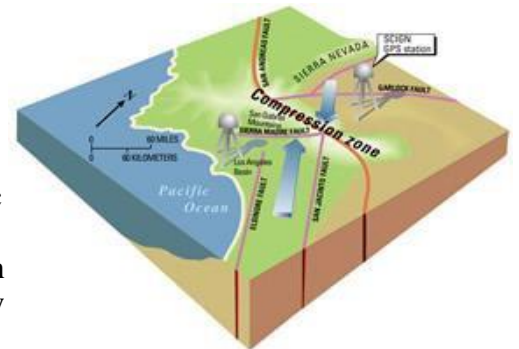
Geologic formations in the District may be grouped into three main categories-alluvium, gneiss/schist, and sandstone. Most of the District rests on alluvial deposits comprised of gravelly and sandy-washed material located on the "flatlands". These areas are further differentiated into older and younger alluvial deposits. Older deposits consist of an alluvial fan conglomerate called "fanglomerate" and other decomposed clay-rich alluvium.

The earthquakes of California are caused by the movement of huge blocks of the earth's crust- the Pacific and North American plates. The Pacific plate is moving northwest, scraping horizontally past North America at a rate of about 50 millimeters (2 inches) per year. About two-thirds of this movement occurs on the San Andreas Fault and some parallel faults- the San Jacinto, Elsinore, and Imperial faults. Over time, these faults produce about half of the significant earthquakes of our region, as well as many minor earthquakes.

The last significant earthquake on the Southern California stretch of the San Andreas Fault was in 1857, and there has not been a rupture of the fault along its southern end from San Bernardino to the Salton Sea since 1690. It is still storing energy for some future earthquakes. Southern California has thousands of smaller earthquakes every year. A few may cause damage, but most are not even felt. And most of these are not on the major faults listed above. Earthquakes can occur almost everywhere in the region on more than 300 additional faults that can cause damaging earthquakes and countless other small faults.

Of the 119 California earthquakes cited in the list (below), the District is in the potential effect of 28 of them. This means that 24 percent of these earthquakes either had the opportunity to produce some damage to the District or may have produced injuries, fatalities, and damages to surrounding communities.

This is mostly due to the "big bend" of the San Andreas fault, from the southern end of the San Joaquin Valley to the eastern end of the San Bernardino mountain (see Figure 4, "Big Bend" at right).



A schematic block model of Southern California showing the motion of the Pacific and North American plates, and the big bend of the San Andreas fault where the plates squeeze together.

**Figure 4 - "Big Bend"** Where the fault bends, the Pacific and North American plates push into each other, compressing the earth's crust into the mountains of Southern California and creating hundreds of additional faults (many more than shown in the fault map). These faults produce thousands of small earthquakes each year, and the other half of our significant earthquakes. Examples include the 1994 Northridge and 1987 Whittier Narrows earthquakes.

**Table 4. California Earthquakes**

Date of	Location	Magnitude
*2019 07 05	Ridgecrest	M 7.1
*2019 07 04	Ridgecrest	M 6.4
2014 08 24	South Napa	M 6.0
2014 03 28	Greater Los Angeles Area, La Habra California	M 5.1
2011 04 05	Sierra El Mayor Earthquake (Northern Baja California)	M 7.2
2011 03 16	Near Pico Rivera, Los Angeles Basin	M 4.4
2011 01 10	Gorda Plate Earthquake	M 6.5
2011 01 10	Offshore Northern California	M 6.5
2009 06 08	San Francisco Bay Area, California	M 3.5
2009 05 18	Greater Los Angeles Area, California	M 4.7
2009 04 30	Northern California	M 3.5
2009 03 30	Northern California	M 4.3

2009 03 08	San Francisco Bay area, California	M 3.5
2009 01 09	Greater Los Angeles Area, California	M 4.5
2008 07 29	Greater Los Angeles area, California	M 5.5
2008 04 30	Northern California	M 5.4
2007 10 31	San Francisco Bay Area, California	M 5.6
2007 08 09	Greater Los Angeles area, California	M 4.4
2007 07 20	San Francisco Bay area, California	M 4.2
2007 07 02	Central California	M 4.3
2007 05 09	Offshore Northern California	M 5.2
2006 10 20	Northern California	M 4.5
2005 09 22	Central California	M 4.7
2005 06 17	Off the Coast of Northern California	M 6.6
2005 06 16	Greater Los Angeles Area, California	M 4.9
2005 06 15	Off the Coast of Northern California	M 7.2
2005 06 12	Southern California	M 5.2
2005 05 06	Central California	M 4.1
2004 09 28	Central California	M 6.0
2004 05 30	Pine Mountain Club, California	M 3.0
2003 12 22	San Simeon, California	M 6.6 Fatalities 2
2003 10 19	near Orinda, California	M 3.5
2003 10 07	near Imperial Beach, California	M 3.6
2003 09 13	near Simi Valley, California	M 3.4
2003 09 05	near Piedmont, California	M 4.0
2003 08 27	Val Verde, California	M 3.9
2003 08 15	Humboldt Hill, California	M 5.3
2003 05 26	Seven Trees, California	M 3.8
2003 05 26	Muir Beach, California	M 3.4
2003 05 25	Santa Rosa, California	M 4.2
2003 05 24	Brawley, California	M 4.0
*2003 03 11	Twentynine Palms Base, CA	M 4.6
*2003 02 22	Big Bear City, CA	M 5.2
2003 02 02	Dublin, CA, Swarm	M 4.1
2003 01 25	Keene, California	M 4.7
2002 12 24	Pacifica, California	M 3.6
2002 11 24	Swarm near San Ramon, CA	M 3.9
2002 09 03	Yorba Linda, CA	M 4.8
2002 06 17	Bayview, CA	M 5.3
2002 05 14	Gilroy, CA	M 4.9
2002 03 16	Channel Islands Beach, CA	M 4.6
2000 09 03	Napa, California	M 5.0

1999 10 16	Hector Mine, California	M 7.1
1994 09 01	Cape Mendocino, California	M 7.0
1994 01 17	Northridge, California	M 6.7 Fatalities 60
*1992 06 28	Landers, California	M 7.3 Fatalities 3
*1992 06 28	Big Bear, California	M 6.5
1992 04 25	Cape Mendocino, California	M 7.2
*1992 04 23	Joshua Tree, CA	M 6.2
1991 08 17	Honeydew, California	M 7.0
1991 06 28	Sierra Madre, California	M 5.6 Fatalities 2
1989 10 18	Loma Prieta, California	M 6.9 Fatalities 63
1989 08 08	Santa Cruz County, California	M 5.4 Fatalities 1
1987 11 24	Superstition Hills, California	M 6.7
1987 11 24	Superstition Hills, California	M 6.5 Fatalities 2
1987 10 04	Whittier Narrows, California	M 5.6 Fatalities 1
1987 10 01	Whittier Narrows, California	M 5.9 Fatalities 8
1986 07 21	Chalfant Valley, California	M 6.2
1986 07 08	North Palm Springs, California	M 6.1
1984 11 23	Round Valley, California	M 5.8
1984 04 24	Morgan Hill, California	M 6.2
1983 05 02	Coalinga, California	M 6.4
1980 11 08	Humboldt County, California	M 7.2
1980 05 27	Mammoth Lakes, California	M 6.0
1980 05 25	Mammoth Lakes, California	M 6.2
1980 01 27	Livermore, California	M 5.8
1980 01 24	Livermore Valley, California	M 5.8
*1979 10 15	Imperial Valley, Mexico - California Border	M 6.4
1979 08 06	Coyote Lake, California	M 5.7
1975 08 01	Oroville, California	M 5.8
1971 02 09	San Fernando, California	M 6.6 Fatalities 65
1969 10 02	Santa Rosa, California	M 5.7 Fatalities 1
1966 09 12	Truckee, California	M 5.9
1966 06 28	Parkfield, California	M 6.1
1957 03 22	Daly City, California	M 5.3 Fatalities 1
1955 10 24	Concord, California	M 5.4 Fatalities 1
1954 12 21	Eureka, California	M 6.5 Fatalities 1
1952 08 22	Kern County, California	M 5.8 Fatalities 2
1952 07 21	Kern County, California	M 7.3 Fatalities 12
*1940 05 19	Imperial Valley, California	M 7.1 Fatalities 9
1934 06 08	Parkfield, California	M 6.1
1933 03 11	Long Beach, California	M 6.4 Fatalities 115
1932 06 06	Eureka, California	M 6.4 Fatalities 1
1927 11 04	Lompoc, California	M 7.1
1926 10 22	Monterey Bay, California	M 6.1
1926 06 29	Santa Barbara, California	M 5.5 Fatalities 1
1925 06 29	Santa Barbara, California	M 6.8 Fatalities 13
1923 01 22	Humboldt County, California	M 7.2
1922 03 10	Parkfield, California	M 6.1
1922 01 31	Eureka, California	M 7.3

1918 04 21	San Jacinto, California	M 6.8 Fatalities 1
*1915 06 23	Imperial Valley, California	M 6.3 Fatalities 6
1911 07 01	Calaveras fault, California	M 6.5
1906 04 18	San Francisco, California	M 7.8 Fatalities 3000
1901 03 03	Parkfield, California	M 6.4
*1899 12 25	San Jacinto, California	M 6.7 Fatalities 6
1899 04 16	Eureka, California	M 7.0
1898 04 15	Mendocino County, California	M 6.8
1898 03 31	Mare Island, California	M 6.3
1897 06 20	Calaveras fault, California	M 6.3
1892 04 21	Winters, California	M 6.4
1892 04 19	Vacaville, California	M 6.4 Fatalities 1
*1892 02 24	Imperial Valley, California	M 7.8
1890 02 24	Corralitos, California	M 6.3
1873 11 23	California - Oregon Coast	M 7.3
1872 03 26	Owens Valley, California	M 7.4 Fatalities 27
1868 10 21	Hayward, California	M 6.8 Fatalities 30
1865 10 08	Santa Cruz Mountains, California	M 6.5
1857 01 09	Fort Tejon, California	M 7.9 Fatalities 1
1838 06 09	San Francisco area, California	M 6.8
1836 06 10	South San Francisco Bay region, California	M 6.5
1812 12 21	West of Ventura, California	M 7.1 Fatalities 1
1812 12 08	Southwest of San Bernardino County, California	M 6.9 Fatalities 40

\*Events with an asterisk indicate a direct effect on the District

The following provides information on the probability of future events. In addition, the data provides an overall summary of the District’s vulnerability and the impact of each hazard.

The entire geographic area of California is prone to the effects of an earthquake. Figure 5 represents the fault map. As shown below, the table within the figure presents the earthquake profile findings within the District's boundaries. The ground motion findings indicate that within the District's limits, peak ground acceleration could exceed 65 percent. Typically, any acceleration over 30 percent is considered strong to severe. The USGS also reports a 97% probability that Southern California will have a 7.6 scale earthquake within the next 30 years.

**Mitigation:** Projects to help mitigate damage from earthquakes range from installing seismic shut-off valves on all water reservoirs in the District to flexible pipe joints that can be installed at reservoirs, wells, and booster pumps. Flexible pipe joints can also be installed in sections of water pipelines to allow the pipelines more flexibility during earth movement. Block walls can be installed around facilities to help ensure the security of critical facilities and control water that may escape from reservoirs.

Mission Springs Water District Fault Map – Alquist Priolo Fault Zones

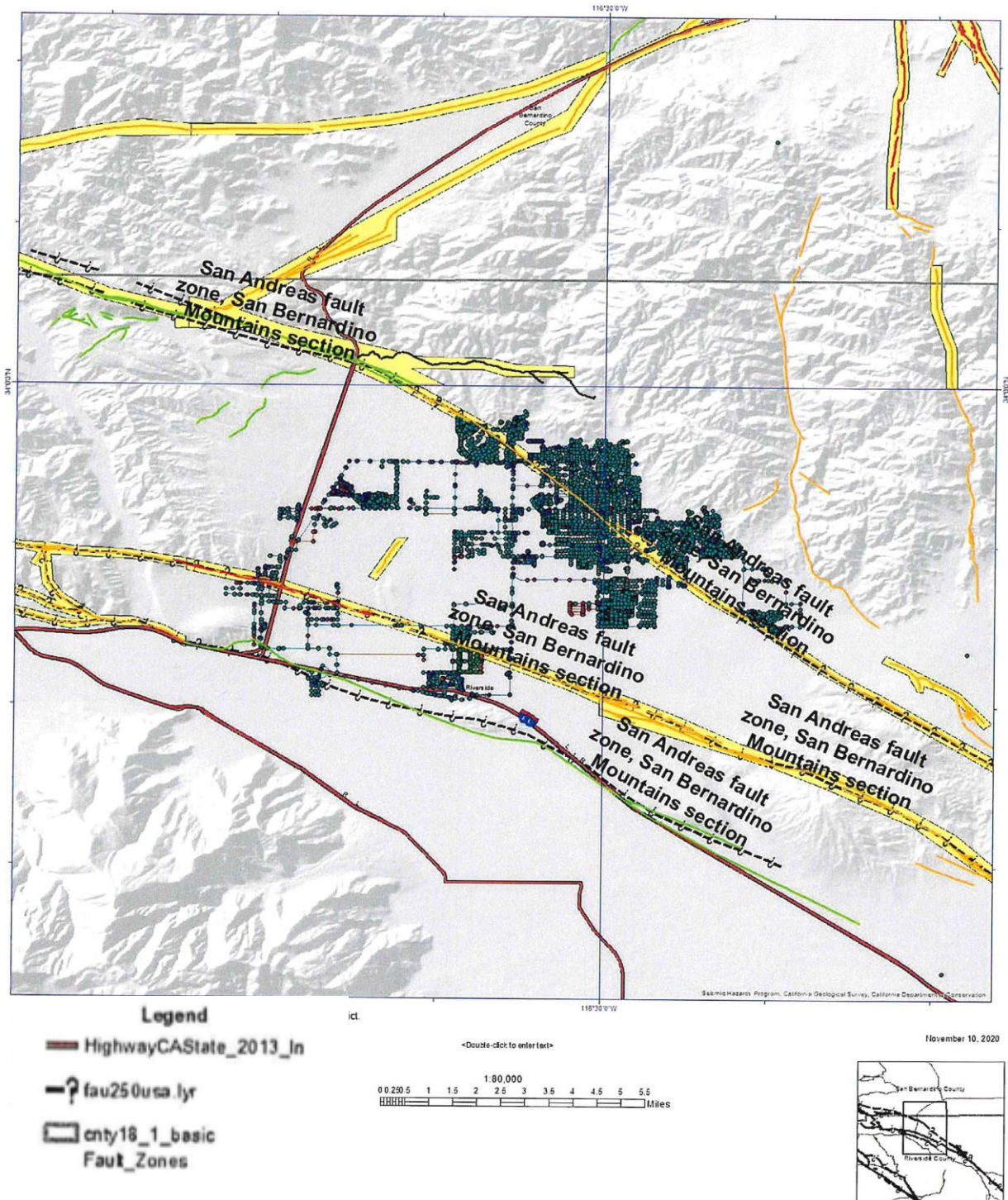
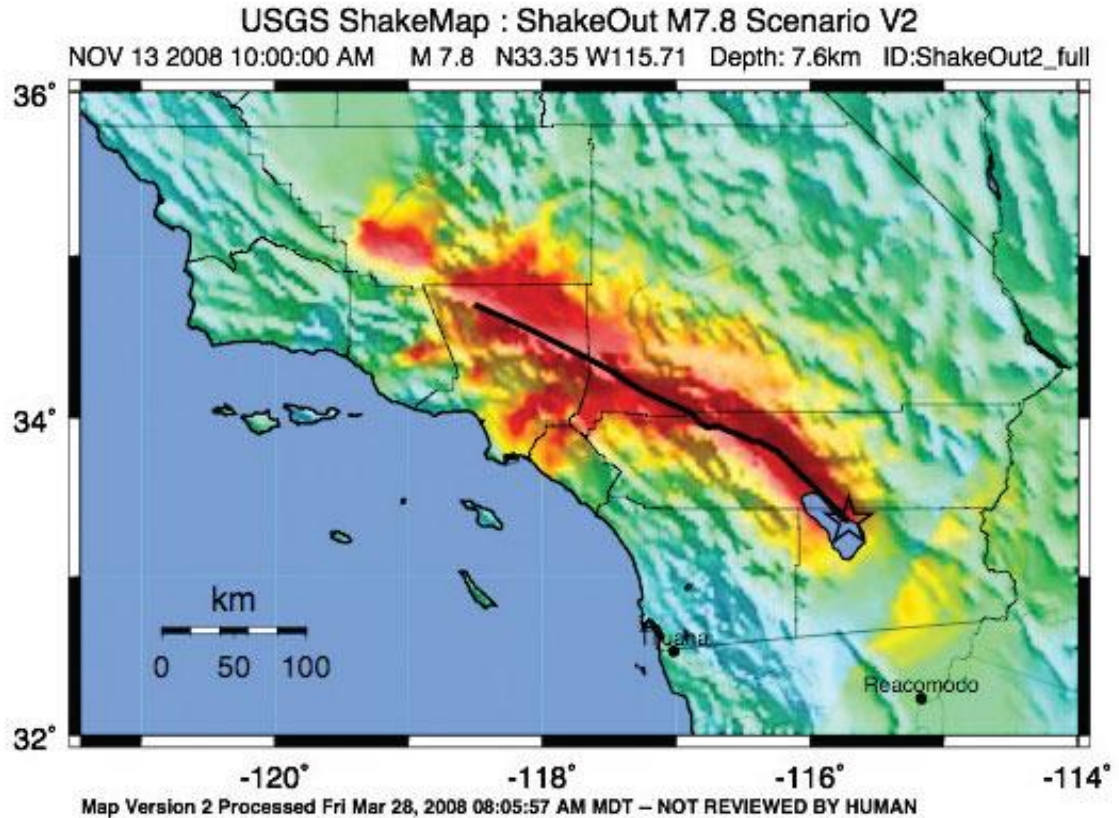


Figure 5. Fault Map



PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	none	none	none	Very light	Light	Moderate	Moderate/Heavy	Heavy	Very Heavy
PEAK ACC.(%g)	<.17	.17-1.4	1.4-3.9	3.9-9.2	9.2-18	18-34	34-65	65-124	>124
PEAK VEL.(cm/s)	<0.1	0.1-1.1	1.1-3.4	3.4-8.1	8.1-16	16-31	31-60	60-116	>116
INSTRUMENTAL INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+

**Figure 6.** USGS ShakeMap and Table for Shakeout M7.8 Scenario V2

Intensity	Shaking	Description/Damage
I	Not felt	Not felt except by a very few under especially favorable conditions.
II	Weak	Felt only by a few persons at rest, especially on upper floors of buildings.
III	Weak	Felt quite noticeably by persons indoors, especially on upper floors of buildings. Many people do not recognize it as an earthquake. Standing motor cars may rock slightly. Vibrations similar to the passing of a truck. Duration estimated.
IV	Light	Felt indoors by many, outdoors by few during the day. At night, some awakened. Dishes, windows, doors disturbed; walls make cracking sound. Sensation like heavy truck striking building. Standing motor cars rocked noticeably.
V	Moderate	Felt by nearly everyone; many awakened. Some dishes, windows broken. Unstable objects overturned. Pendulum clocks may stop.
VI	Strong	Felt by all, many frightened. Some heavy furniture moved; a few instances of fallen plaster. Damage slight.
VII	Very strong	Damage negligible in buildings of good design and construction; slight to moderate in well-built ordinary structures; considerable damage in poorly built or badly designed structures; some chimneys broken.
VIII	Severe	Damage slight in specially designed structures; considerable damage in ordinary substantial buildings with partial collapse. Damage great in poorly built structures. Fall of chimneys, factory stacks, columns, monuments, walls. Heavy furniture overturned.
IX	Violent	Damage considerable in specially designed structures; well-designed frame structures thrown out of plumb. Damage great in substantial buildings, with partial collapse. Buildings shifted off foundations.
X	Extreme	Some well-built wooden structures destroyed; most masonry and frame structures destroyed with foundations. Rails bent.

**Figure 7. USGS Modified Mercalli Intensity Scale**

## 4.4 Windstorms

**Probability:** Highly Likely (1)

**Impact:** Critical

**Priority:** High

**General Definition:** High-speed and dangerous winds that periodically kick up and blow from the mountains to the coast in Southern California are referred to as Santa Ana winds.

These northeasterly winds blow from the coast ranges to the beaches as areas of strong high-pressure build across the interior West. The phenomenon typically peaks in October but can occur anytime from late to early Spring.





**Figure 8.** Santa Ana Winds

**Table 5. Beaufort Wind Scale**

Force	Wind (Knots)	WMO Classification	Appearance of Wind Effects	
			On the Water	On Land
0	Less than 1	Calm	Sea surface smooth and mirror-like	Calm, smoke rises vertically
1	1-3	Light Air	Scaly ripples, no foam crests	Smoke drift indicates wind direction, still wind vanes
2	4-6	Light Breeze	Small wavelets, crests glassy, no breaking	Wind felt on face, leaves rustle, vanes begin to move
3	7-10	Gentle Breeze	Large wavelets, crests begin to break, scattered whitecaps	Leaves and small twigs constantly moving, light flags extended
4	11-16	Moderate Breeze	Small waves 1-4 ft. becoming longer, numerous whitecaps	Dust, leaves, and loose paper lifted, small tree branches move
5	17-21	Fresh Breeze	Moderate waves 4-8 ft taking longer form, many whitecaps, some spray	Small trees in leaf begin to sway
6	22-27	Strong Breeze	Larger waves 8-13 ft, whitecaps common, more spray	Larger tree branches moving, whistling in wires
7	28-33	Near Gale	Sea heaps up, waves 13-20 ft, white foam streaks off breakers	Whole trees moving, resistance felt walking against wind
8	34-40	Gale	Moderately high (13-20 ft) waves of greater length, edges of crests begin to break into spindrift, foam blown in streaks	Whole trees in motion, resistance felt walking against wind
9	41-47	Strong Gale	High waves (20 ft), sea begins to roll, dense streaks of foam, spray may reduce visibility	Slight structural damage occurs, slate blows off roofs
10	48-55	Storm	Very high waves (20-30 ft) with overhanging crests, sea white with densely blown foam, heavy rolling, lowered visibility	Seldom experienced on land, trees broken or uprooted, "considerable structural damage"
11	56-63	Violent Storm	Exceptionally high (30-45 ft) waves, foam patches cover sea, visibility more reduced	
12	64+	Hurricane	Air filled with foam, waves over 45 ft, sea completely white with driving spray, visibility greatly reduced	

**Description:** The wind speed can be magnified as air tries to squeeze over mountain passes and rush downhill through the canyons that are aligned in a northeast to southwest direction in Desert Hot Springs, causing impacts across the entire District area. As the air descends in elevation, it becomes compressed and heats up, and dries out even more.

Moderate Santa Ana winds can often break tree limbs, send unsecured debris flying into windows, raise clouds of dust and cause wildfires to ignite and spread rapidly. In addition to a heightened risk of wildfires, whole trees, and high-profile vehicles can be knocked over, and sporadic power outages are likely in more extreme cases.

When winds aloft become aligned from the same direction as that of the winds near the surface, the strongest gusts occur. Sometimes wind gusts can reach the force of a hurricane (74 mph or greater). Gusts during this setup can lead to extensive property damage and widespread power outages. The winds do not cause any damage to the water of wastewater infrastructure; however,

these winds cause Public Safety Power Shut-off events; in PSPS, the electric supplier turns off power to the grid to stop downed power lines from starting wind-driven wildfires. The power outages mean the District can't run wells, booster stations without having generators in place.

**Mitigation:** Projects to help mitigate damage from windstorms include public education regarding trimming trees around power lines (Southern California Edison will normally clear tall trees from powerlines for free) and develop a plan in conjunction with Southern California Edison to inform the residents. Develop plans with Southern California Edison on Public Safety Power Shut-off (PSPS) programs. The PSPS program would also help inform Edison on which homes must have power for emergency medical needs. Additionally, the District will purchase more generators to energize critical infrastructure.

**Table 6.** Desert Hot Springs Windstorm History

Date	Max Gust Wind MPH	Max Wind MPH
*April 1975	61	66
*June 1975	75	46
October 1979	46	29
December 1982	35	29
March 1986	29	23
*March 1990	40	53
May 1994	44	32
*June 1999	36	58
October 2002	43	24
December 2007	40	25
July 2011	31	22
April 2015	37	29
*January 2019	48	33
*October 2021	53	31

\*Events with an asterisk indicate a direct effect on the District.

## 4.5 Drought

**Probability:** Likely (2)

**Impact:** Critical

**Priority:** Medium

**General Definition:** The period between late 2011 and 2014 was the driest in California history since record-keeping began. In May 2015, a state resident poll conducted by Field Poll found that two out of three respondents agreed that it should be mandated for water agencies to reduce water consumption by 25%.

The 2015 prediction of El Niño bringing rains to California raised hopes of ending the drought. In the spring of 2015, the National Oceanic and Atmospheric Administration named the probability of the presence of El Niño conditions until the end of 2015 at 80%. Historically, sixteen winters between 1951 and 2015 had created El Niño. Six of those had below-average rainfall, five had average rainfall, and five had above-average rainfall. However, as of May 2015, drought conditions had worsened, and above-average ocean temperatures had not resulted in large storms. The drought led to Governor Jerry Brown's instituting mandatory 25 percent water restrictions in June 2015.

Many millions of California trees died from the drought - approximately 102 million, including 62 million in 2016 alone. By the end of 2016, 30% of California had emerged from the drought, mainly in the northern half of the state, while 40% of the state remained in the extreme or exceptional drought levels. Heavy rains in January 2017 were expected to have a significant benefit to the state's northern water reserves, despite widespread power outages and erosional damage in the wake of the deluge. Among the casualties of the rain was the 1,000-year-old Pioneer Cabin Tree in Calaveras Big Trees State Park, which toppled on January 8, 2017.

The winter of 2016–17 turned out to be the wettest on record in Northern California, surpassing the previous record set in 1982–83. Floodwaters caused severe damage to Oroville Dam in early February. Which prompted the temporary evacuation of nearly 200,000 people north of Sacramento in response to the heavy precipitation, which flooded multiple rivers and filled most of the state's major reservoirs; Governor Brown declared an official end to the drought on April 7, 2018.

**Description:** The District is not as affected by drought because it receives most of the water supply from groundwater and is dependent on underground water aquifers. The District does purchase water from the State Water Project (SWP) and has a connection to the SWP. It is challenging for the District to find alternative water supplies from underground aquifers that meet California's water quality standards without constructing additional water treatment facilities.

Drought could increase water demands while lowering the groundwater table. This would result in increased pumping costs and may require installing deeper water supply wells. Extreme weather events will increase runoff and flash flooding while reducing groundwater recharge.

With droughts causing water shortages, there is an effect on the drinking water supply; thus, affecting the whole service area. This could result in higher utility bill rates, water shortages, and lowering wells to meet lower water levels in the aquifer.

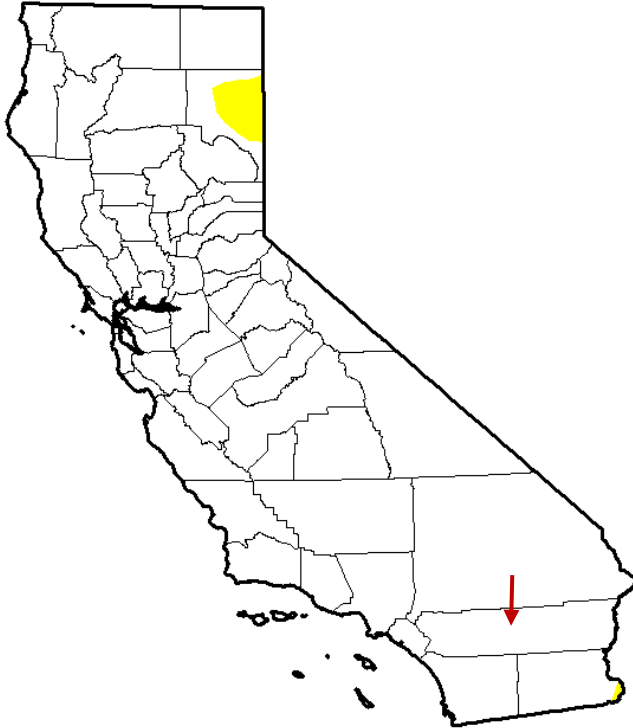
**Mitigation:** Construct more water storage capacity as well as drill more wells. Develop ways to capture rainwater from the higher elevations during flash flooding events and divert these waters to percolation ponds to recharge the underground aquifers. Increase purchases of State Water Project water to recharge the aquifer. Specific sites that are vulnerable to damage from droughts are hard to quantify; however, most damage would be to all wells in the jurisdiction area that are at risk of drought. Damage to wells can run from the well's shaft being extended further into the ground to complete ruin of the well shaft, well casing, motor, and bowels. There are 13 wells in the District that would need to be assessed; this information would vary wildly. One would need to know the water level in each well during each drought timeline. This information would vary from the location in the system. The damage could only be assessed after knowing all the variables. The average cost of replacement for each well is estimated between \$150,000 - \$250,000.

MSWD can have public outreach water conservation programs and explore alternative options for water supplies.

The maps below are taken from <https://droughtmonitor.unl.edu/Maps/MapArchive.aspx> and show the drought differences in the period between 2011, 2016, and 2020, which vary wildly from year to year.

## U.S. Drought Monitor California

**January 4, 2011**  
(Released Thursday, Jan. 6, 2011)  
Valid 7 a.m. EST



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	98.62	1.38	0.00	0.00	0.00	0.00
<b>Last Week</b> <i>12/28/2010</i>	98.62	1.38	0.00	0.00	0.00	0.00
<b>3 Months Ago</b> <i>10/5/2010</i>	85.44	14.56	8.08	0.24	0.00	0.00
<b>Start of Calendar Year</b> <i>1/4/2011</i>	98.62	1.38	0.00	0.00	0.00	0.00
<b>Start of Water Year</b> <i>9/28/2010</i>	85.44	14.56	8.08	0.24	0.00	0.00
<b>One Year Ago</b> <i>1/5/2010</i>	6.56	93.44	72.75	9.04	0.00	0.00

Intensity:

- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.*

**Author:**  
Anthony Artusa  
NOAA/NWS/NCEP/CPC

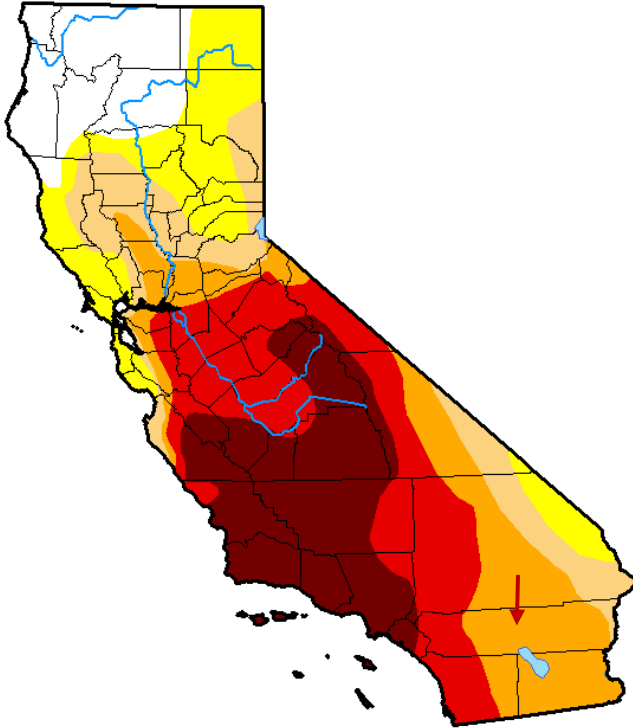


<http://droughtmonitor.unl.edu/>

**Figure 9A.** 2011 Drought Monitor

## U.S. Drought Monitor California

**December 6, 2016**  
(Released Thursday, Dec. 8, 2016)  
Valid 7 a.m. EST



*Drought Conditions (Percent Area)*

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	12.03	87.97	73.04	60.27	42.80	21.04
<b>Last Week</b> <i>11-29-2016</i>	12.03	87.97	73.04	60.27	42.80	21.04
<b>3 Months Ago</b> <i>09-06-2016</i>	0.00	100.00	83.59	59.02	42.80	21.04
<b>Start of Calendar Year</b> <i>12-29-2015</i>	0.00	100.00	97.33	87.55	69.07	44.84
<b>Start of Water Year</b> <i>09-27-2016</i>	0.00	100.00	83.59	62.27	42.80	21.04
<b>One Year Ago</b> <i>12-08-2015</i>	0.14	99.86	97.33	92.26	69.09	44.84

Intensity:

- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.*

Author:

Anthony Artusa  
NOAA/NWS/NCEP/CPC

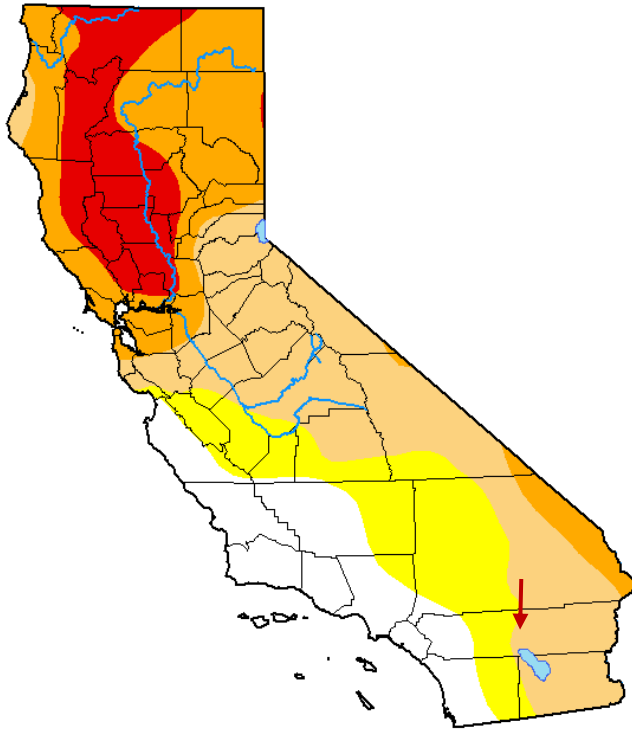


<http://droughtmonitor.unl.edu/>

**Figure 9B.** 2016 Drought Monitor

## U.S. Drought Monitor California

**November 3, 2020**  
(Released Thursday, Nov. 5, 2020)  
Valid 7 a.m. EST



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	15.48	84.52	67.54	35.61	12.74	0.00
<b>Last Week</b> <small>10-27-2020</small>	15.40	84.60	67.54	35.61	12.74	0.00
<b>3 Months Ago</b> <small>08-04-2020</small>	33.74	66.26	50.38	21.50	3.04	0.00
<b>Start of Calendar Year</b> <small>12-31-2019</small>	96.43	3.57	0.00	0.00	0.00	0.00
<b>Start of Water Year</b> <small>09-29-2020</small>	15.35	84.65	67.65	35.62	12.74	0.00
<b>One Year Ago</b> <small>11-05-2019</small>	82.26	17.74	2.06	0.00	0.00	0.00

Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:  
David Miskus  
NOAA/NWS/NCEP/CPC



[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

**Figure 9C.** Current Drought Condition for Southern CA for 2020

**Table 7.** California Drought History (extracted from USGS, California Drought History)

<b>1841</b>	The drought was so bad that "a dry Sonoma was declared entirely unsuitable for agriculture".
<b>1864</b>	This drought was preceded by the torrential floods of 1861-1862, showing the fluctuation in climate back in the 1800s.
<b>1924</b>	This drought encouraged farmers to start using irrigation more regularly because of the fluctuation in California weather; the need for consistent water availability was crucial for farmers.
<b>1929–1934</b>	This drought was during the infamous Dust Bowl period that ripped across the plains of the United States in the 1920s and 1930s. The Central Valley Project was started in the 1930s in response to drought.



<b>1950s</b>	The 1950s-drought contributed to the creation of the State Water Project.
<b>1976–77</b>	1977 had been the driest year in state history to date. According to the Los Angeles Times, "Drought in the 1970s spurred efforts at urban conservation and the state's Drought Emergency Water Bank came out of drought in the 1980s."
<b>*1986–1992</b>	California endured one of its longest droughts ever observed from late 1986 through early 1992. Drought worsened in 1988 as much of the United States also suffered from severe drought. In California, the six-year drought ended in late 1992 as a significant El Niño event in the Pacific Ocean (and the eruption of Mount Pinatubo in June 1991) most likely caused unusual persistent heavy rains.
<b>*2007–2009</b>	2007–2009 saw three years of drought conditions, the 12th worst drought period in the state's history, and the first drought for which a statewide proclamation of emergency was issued. The drought of 2007–2009 also saw greatly reduced water diversions from the state water project. The summer of 2007 saw some of the worst wildfires in Southern California history.
<b>*2011–2017</b>	From December 2011 to March 2017, the state of California experienced one of the worst droughts to occur in the region on record. The period between late 2011 and 2014 was the driest in California history since record keeping began.

\*Events with an asterisk indicate a direct effect on the District.

The fundamental drought impact on water agencies is a reduction in available water supplies. As a result, historical occurrences of drought have encouraged water agencies to review the reliability of their water supplies and to initiate planning programs addressing identified needs for improvement and response actions. In addition, public and media interest in droughts foster heightened awareness of water supply reliability issues in the Legislature. More than 50 drought-related legislative proposals were introduced during the severe but brief 1976-77 drought. About one-third of these eventually became law. Similar activity on drought-related legislative proposals was observed during the 1987-92 drought. One of the most significant pieces of legislation was the 1991 amendment to the Urban Water Management and Planning Act, in effect since 1983, which requires water suppliers to estimate available water supplies at the end of one, two, and three years, and to develop contingency plans for shortages of up to 50 percent. The District's participating in a regional Urban Water Management Plan (UWMP) for 2020. The draft in progress 2020 Regional UWMP presents water supply to demand comparisons through 2045. The 2020 Regional UWMP will be completed by July 1, 2021 and will update any demand and supplies documented in the 2015 UWMP and confirm that the District is in compliance with the Water Conservation Act of 2009 (Senate Bill X7-7) in reducing their per capita urban water demand by 20 percent by the year 2020. The plan also presents water supply to demand comparisons for single dry to multiple dry year scenarios. Lastly, the 2020 Regional UWMP includes a comprehensive update to the District's Water Shortage Contingency Plan, aligning with the State's proposed six water shortage stages. The draft 2020 Regional UWMP shows that the District has exceeded the SB X7-7 compliance goal and has adequate supplies to meet projected demands through 2045.

The District recently made it through the worst drought in California's recorded history that stretched from 2012-16. During that time, the State passed emergency executive orders in response.

At that time, the District adopted the state's orders, which aided in reducing water consumption and maintained adequate water supplies to meet demand. The District exclusively relies on the Mission Creek, Indio, and San Geronio Pass Sub-Basins to meet demand, which is currently 6,800 acre-feet per year. These Sub-Basins serve as large conjunctive use reservoirs, replenished by surface water runoff and artificial recharge. During extended drought conditions, the District can rely on groundwater supplies to meet demand; however, if the groundwater supplies aren't replenished, it may lead to long-term impacts (e.g., chronic lowering of groundwater levels, land subsidence, etc.). As such, while the District may not have difficulty in meeting its short-term water supply demands, additional supplemental supplies are needed to replenish the basin during non-drought periods to maintain its beneficial uses long-term. Of note, the Desert Hot Springs Sub-Basin contains hot mineral (non-potable) groundwater, which supports the spas and resorts in the area. Drought conditions have a minimal effect on this Sub-Basin.

As noted above, the last drought cycle in the District's service area didn't cause any damage to the District's facilities or to the public. The Public was asked to conserve water, and the District never ran out of water during the drought. The infrastructures that may be potentially affected by drought are the District's wells, which, if groundwater levels dropped significantly, would most likely have to be pulled out of the ground, and the shaft would be extended to allow the bowels of the well to reach deeper into the aquifer. Again, during a drought period, voluntary and/or mandatory water conservation measures would be required of the public to minimize long-term impacts to the groundwater aquifer system.

## 4.6 Flooding

**Probability:** Somewhat Likely (3)

**Impact:** Limited

**Priority:** Low

**General Definition:** Flooding ranked a limited hazard. Areas subject to flooding in Mission Springs Water Districts service area include the Garnet wash, Dry Mongo wash, and the little and big Morongo Wash. These areas are normally dry; however, these dry wash areas turn into raging water way during heavy downpours in the local Little San Bernardino Mountains and the high desert regions north of Desert Hot Springs. These floods happen in winter or during Monsoon Session. Storms in the past have caused waters in one or more of the natural drainage channels to overflow onto City streets, parks, and private property. Street embankments adjacent to the storm channels have been damaged and require a road closure. Normal traffic flow is significantly affected by water and silt deposits in the seven low water crossings.

Floods are the most common and widespread of all-natural disasters except fire. Most communities in the United States have experienced flooding after spring rains, heavy thunderstorms, or winter snow thaws.

A flood, as defined by the National Flood Insurance Program is:

"A general and temporary condition of partial or complete inundation of two or more acres of normally dry land area or of two or more properties (at least one of which is your property) from:

\*Overflow of inland or tidal waters, \*Unusual and rapid accumulation or runoff of surface waters from any source or a mudflow. MSWD is not part of the NFIP.

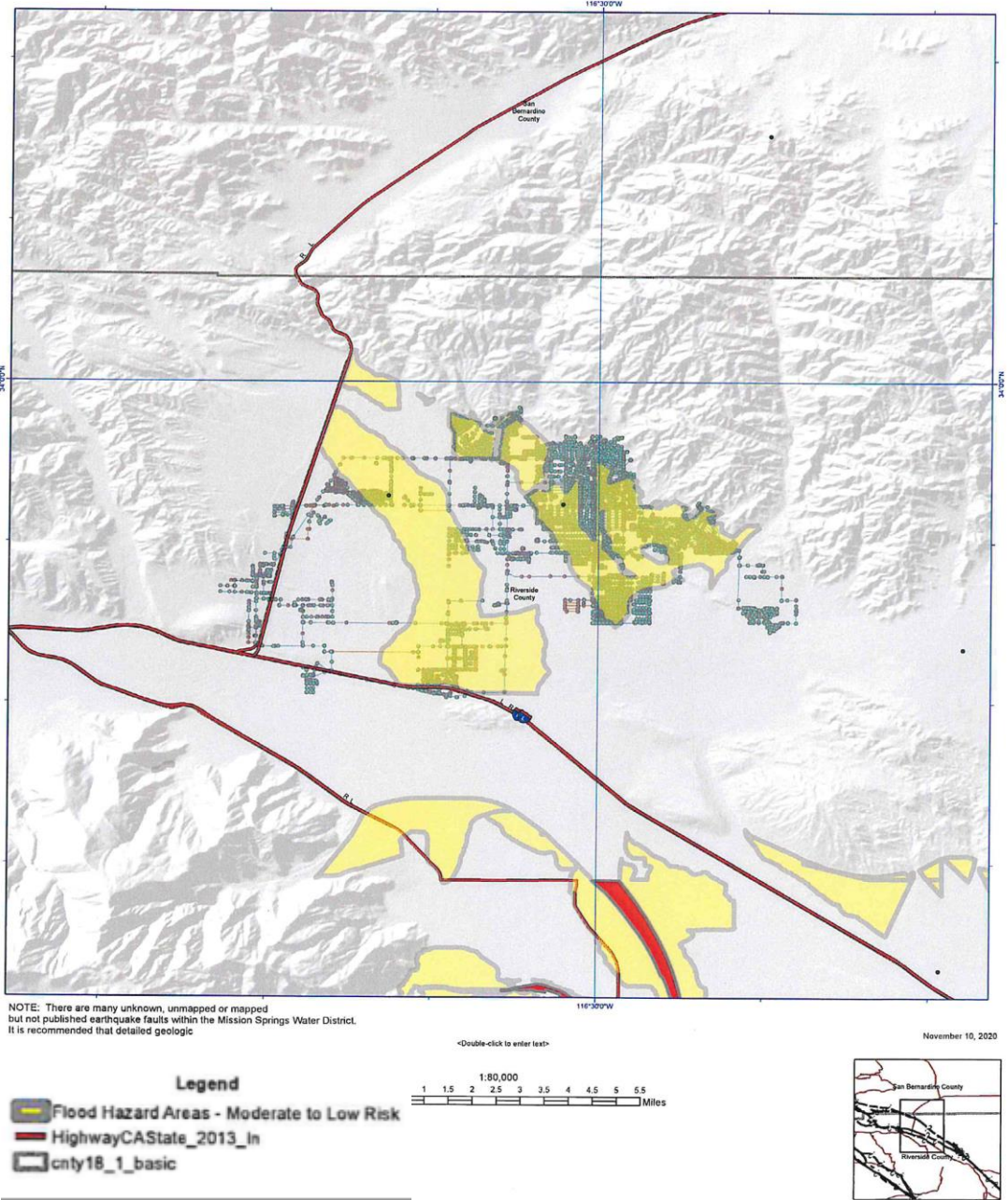
The collapse or subsidence of land along the shore of a lake or a similar body of water because of erosion or undermining caused by waves or currents of water exceeding anticipated cyclical *levels that result in a flood.*" Floods can be slow or fast rising but generally develop over a period of days. Mitigation includes any activities that prevent an emergency, reduce the chance of an emergency happening, or lessen the damaging effects of unavoidable emergencies. Investing in mitigation steps now, such as engaging in floodplain management activities, constructing barriers such as levees, and purchasing flood insurance, will help reduce the amount of structural damage to your home and financial loss from building and crop damage should a flood or flash flood occur.

**Description:** The standard for flooding is the so-called "100-year flood," a benchmark used by the Federal Emergency Management Agency to establish a standard of flood control in communities throughout the country. Thus, the 100-year flood is also referred to as the "regulatory" or "base" flood. There is little difference between a 100-year flood and what is known as the 10-year flood. Both terms are really "statements of probability" that scientists and engineers use to describe how one flood compares to others that are likely to occur.

What the 100-year flood means is that there is a one percent chance of a flood of that intensity and elevation happening in any given year. And it could occur more than once in a relatively short period of time. (By comparison, the 10-year flood means that there is a ten percent chance for a flood of its intensity and elevation to happen in any given year.) Rod Bolin, The Ponca City News, July 18, 2002. Page 5-A Identification of Flood-Prone Areas.

Floods are generally classed as either slow-rise or flash floods. Slow-rise floods may be preceded by a warning time lasting from hours to days, or possibly weeks. Evacuation and sandbagging for a slow-rise flood may lessen flood-related damage. Conversely, flash floods are the most difficult to prepare for due to the extremely short warning time, if available at all. Flash flood warnings usually require immediate evacuation within the hour.

**Mitigation:** The District has wells and booster stations in the flood plains; however, the well motors and boosters have been elevated on concrete pads to keep critical equipment out of the floodwaters. Some pipelines, both water, and wastewater are in the flood areas and can sustain damage in flooding events. There are no dams that would affect the District's infrastructure; therefore, dam inundation is not an issue for the District.



**Figure 10.** Flood Zone

**Table 8.** Previous Occurrences of Flooding.

<b>Date</b>	<b>Flooding Events Name</b>
January 2017	California Flood
8/2014	Hurricane Marie
1/22/2011	Jan 2011 Flash Flood/Mud Slides
*11/30/2002	Nov 2002 Stream Flood
*7/11/1999	Aug 1999 Flash Flood
*1/1/1997	New Year's Day Flood
11/1/1995	February Storm
3/1995	California Flood
1/1995	California Flood
2/2/1993	Jan. 1 Storm
2/11/1986	California and Western Nevada Floods
1/3-5/1982	Northern California Flood
September 1976	Ocotillo Flash Flood
*2/25/1969	Feb 1969 Flood
*1/25/1969	Jan 1969 Flood
8/23/1967	Aug 1967 Flood
12/18/1966	Dec 1966 Flood
8/14/1965	Aug 1965 Flood
4/10/1965	April 1965 Flood
12/19-24/1964	Christmas Flood
March 1964	North Coast California Tsunami
12/24/1955	California Flood
11/21/1955	California Flood
7/1/1950	July 1950 Flood
September 1939	Los Angeles River
2/27-3/1 1938	Los Angeles Flood of 1938
December 1937	Northeast California Flood
2/4 -7/1937	Santa Ana Flood
12/1933 – 1/1934	Crescenta Valley Flood
1909	California Flood
12/1861 - 1/1862	California's Great Flood
October 1858	1858 San Diego Hurricane
January 1850	1850 Flood
1825	Los Angeles flood of 1825

\*Events with an asterisk indicate a direct effect on the District.

## 4.7 Wildfires

**Probability:** Somewhat Likely (3)

**Impact:** Limited

**Priority:** Low

**General Definition:** A wildland fire is a type of fire that spreads through all types of vegetation. It often begins unnoticed, spreads quickly, and is usually signaled by dense smoke that may be visible from miles around. Wildland fires can be caused by human activities (such as arson or campfires) or by natural events such as lightning. Wildland fires often occur in forests or other areas with ample vegetation. In addition to wildland fires, wildfires can be classified as urban fires, interface or intermix fires, and prescribed burns.

The following three factors contribute significantly to wildland fire behavior and can be used to identify wildland fire hazard areas:

1. **Topography:** As the slope increases, the rate of wildland fire spread typically increases. South-facing slopes are also subject to more solar radiation, making them drier and thereby intensifying wildland fire behavior. However, ridge tops may mark the end of wildland fire spread since fire spreads more slowly or may even be unable to spread downhill.
2. **Fuel:** The type and condition of vegetation play a significant role in the occurrence and spread of wildland fires. Certain types of plants are more susceptible to burning or will burn with greater intensity. Dense or overgrown vegetation increases the amount of combustible material available to fuel the fire (referred to as the “fuel load”). The ratio of living to dead plant matter is also important. The risk of fire is increased significantly during periods of prolonged drought as the moisture content of both living and dead plant matter decreases. The fuel’s continuity, both horizontally and vertically, is also an important factor.
3. **Weather:** The most variable factor affecting wildland fire behavior is the weather. Temperature, humidity, wind, and lightning can affect chances for ignition and spread of fire. Extreme weather, such as high temperatures and low humidity, can lead to extreme wildland fire activity. By contrast, cooling and higher humidity often signal reduced wildland fire occurrence and easier containment.

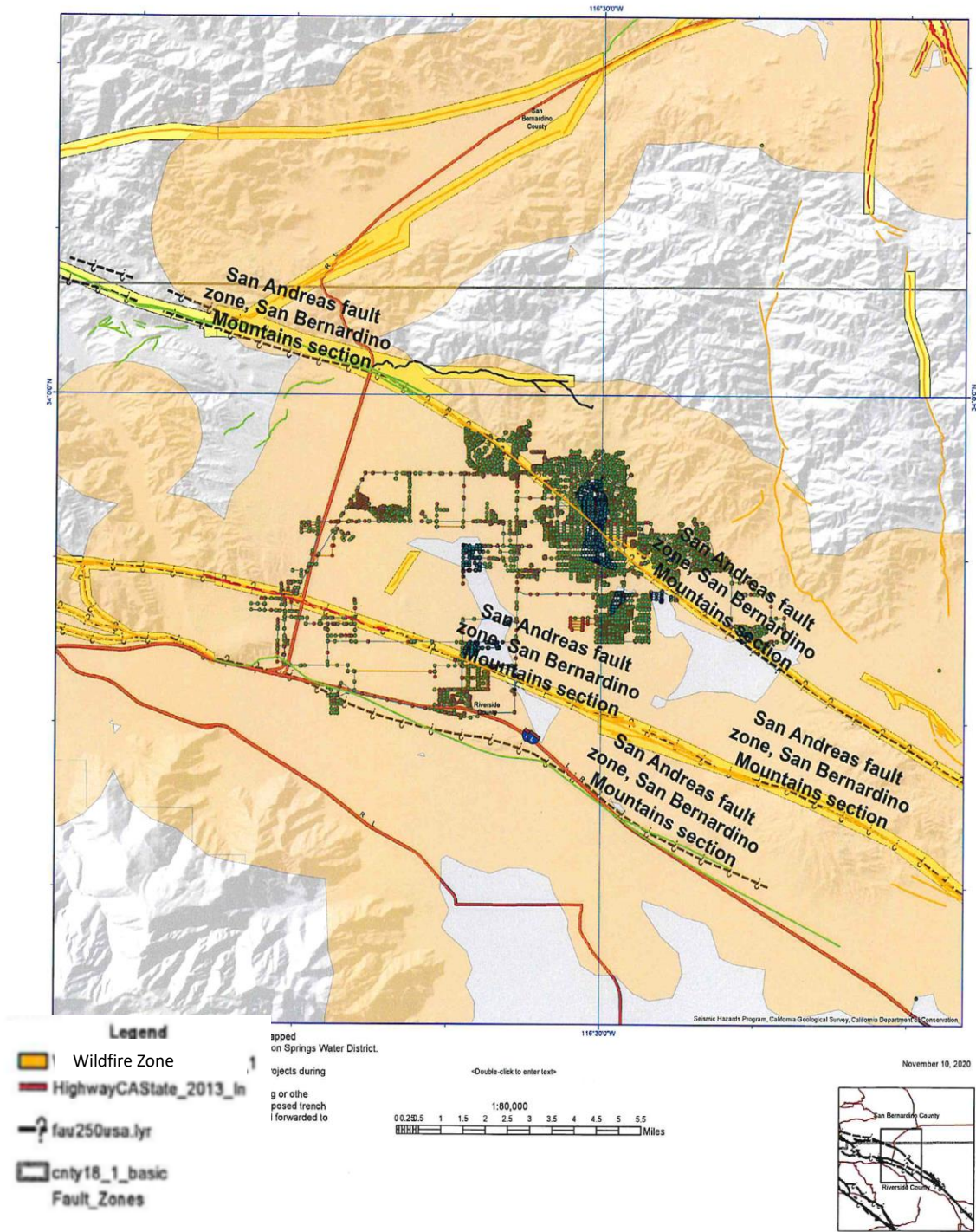


Figure 11. Wildland Urban Interface

**Description:** The frequency and severity of wildland fires are also dependent upon other hazards, such as lightning, drought, and infestations (such as the recent Bark Beetle infestation in the San Bernardino National Forest). If not promptly controlled, wildland fires may grow into an emergency or disaster. Even small fires can threaten lives and resources and destroy improved properties. In addition to affecting people, wildland fires may severely affect livestock and pets. Such events may require emergency watering/feeding, evacuation, and shelter.

The indirect effects of wildland fires can be catastrophic. High temperatures, low humidity, and clear sunny days characterize the summer months. Thunderstorms from July through September can create lightning strikes, erratic high winds, and sometimes heavy rains. The District's service areas are bordered by hills, mountains, open fields, and undeveloped lots contiguous to residential development. Residential landscaping, fencing, and outbuildings increase fuel loading, spotting, and fire intensity.

Since Mission Springs Water District is in the lower California desert, wildfires have less of an impact on the agency. The low desert of Coachella Valley is where there is not a substantial fire risk, as vegetation is small plants and trees spaced farther apart than one would find in forested areas in the lush green forests in California.

There is not a significant fire danger to the water of wastewater infrastructure; therefore, wildfire ranks low on the hazard list. The list below is from all wildfires in California.

**Table 9. Local Wildfires**

Date	Event Name
9/05/2020	El Dorado Fire
7/03/2020	Apple Fire
10/10/2019	Sandalwood Fire
8/3/2019	La Brisa Fire
8/03/2017	Bryant Fire
*5/01/2013	Summit Fire
9/11/2013	Live Oak Fire
9/23/2009	Crafton Fire
8/31/2009	Pendleton Fire
8/30/2009	Oak Glen 3 Fire
5/07/2009	Park Fire
10/26/2007	Jefferson Fire
7/03/2007	Ridge Fire
8/15/2003	Aug 2003 Wildfire
10/21/2001	Oct 2001 Fire
7/8/2001	Bryant Fire
8/31/1998	Aug 1998 Fire
10/29/1997	Fremont Fire



10/17/1995	Bluff Fire
10/27/1993	Mill Creek Fire

\*Events with an asterisk indicate a direct effect on the District.

**Mitigation:** Fire prevention strategies concentrate on educating the public and enforcement of fire codes. Fire suppression strategies focus on containment and control while protecting structures in the threatened areas. Suppression activities may utilize natural firebreaks, direct suppression of the fire by hose lines, aircraft, bulldozers, and hand crews, increasing defensible spaces around homes; utilizing fire suppression foams; and mop up and total extinguishment of the fire.

### 4.8 Population

The population statistics for Mission Springs Water District are based on available US Census data. The District has a total population of 39,574 and an average household size of 2.9 people. Approximately 29% of the population is under the age of 18, and 14% is over the age of 65.

### 4.9 Buildings

As of November 2020, the District operates and maintains the following:

- 24 potable water reservoirs
- 13 water wells
- 25 booster pump stations
- Main Office/Administration Building
- Corporate Yard
- Two wastewater treatment plants
- One wastewater lift station
- MSWD solar field

### 4.10 Critical Facility List

This section provides a listing of the critical facilities in the Mission Springs Water District. Because the District’s exact location of facilities is extremely sensitive, especially due to increased concerns for national security, only general locations and descriptions have been included in this section. All costs were arrived at via insurance replacement costs and cost estimates from the Planning Team.

**Table 10.** Critical Facilities Exposure

<b>Facility Name</b>	<b>Facility Function</b>	<b>Replacement Cost</b>
Mission Lakes Res.	Storage Reservoir	\$4.5 Million
Terrace 1 Res.	Storage Reservoir	\$4.0 Million
Terrace 2 Res.	Storage Reservoir	\$4.0 Million
Terrace 3 Res.	Storage Reservoir	\$4.0 Million
Low Northridge Res.	Storage Reservoir	\$2.0 Million
High Northridge Res.	Storage Reservoir	\$3.5 Million
Vista Res.	Storage Reservoir	\$2.0 Million
Redbud Res.	Storage Reservoir	\$2.5 Million
Highland Res.	Storage Reservoir	\$2.0 Million
Valley View Res.	Storage Reservoir	\$2.5 Million
Overhill Res.	Storage Reservoir	\$2.0 Million
Gateway Res.	Storage Reservoir	\$2.0 Million
Cottonwood Res.	Storage Reservoir	\$2.0 Million
High Desert View 1 Res.	Storage Reservoir	\$4.5 Million
High Desert View 2 Res.	Storage Reservoir	\$2.0 Million
Two Bunch Palm 1 Res.	Storage Reservoir	\$2.0 Million
Two Bunch Palm 2 Res.	Storage Reservoir	\$4.5 Million
Annandale Res.	Storage Reservoir	\$6.0 Million
Quail Road Res.	Storage Reservoir	\$4.5 Million
Little Morongo Res.	Storage Reservoir	\$1.0 Million
Worsley Res.	Storage Reservoir	\$6.0 Million
Woodridge Res.	Storage Reservoir	\$3.0 Million
Well 22	Well	\$3.5 Million
Well 24	Well	\$4.0 Million
Well 25	Well	\$2.0 Million
Well 25A	Well	\$2.0 Million
Well 26	Well	\$2.0 Million
Well 26A	Well	\$2.5 Million
Well 27	Well	\$3.0 Million
Well 29	Well	\$3.5 Million
Well 31	Well	\$3.5 Million
Well 32	Well	\$3.0 Million
Well 33	Well	\$3.5 Million
Well 34	Well	\$3.0 Million
Well 37	Well	\$3.5 Million
Administration Building	Administration, Finance Engineering, Support	\$9.0 Million
Corporate Yard	Field Staff and Equipment	\$6.0 Million
Horton WWTP	Sewer Treatment	\$30.0 Million
Desert Crest WWTP	Sewer Treatment	\$8.0 Million
Dos Palmas Lift Station	Sewer Lift Station	\$2.0 Million
MSWD Solar	Solar Field	\$25 Million

### **4.11 Vulnerability Assessment**

The Planning Team reviewed pictures of each of the District's facilities. The pictures were presented with a map of the area to convey the location within the system as well as the site-specific characteristics of the facility. The Planning Team has a long history in the area and knowledge of the potential disasters and emergencies that can occur in and around the community. The Planning Team has the knowledge to assess the system and give valuable input into the assessment and vulnerabilities to the system.

### **4.12 Methodology**

The Planning Team reviewed the District's facilities and applied their local and operational knowledge to evaluate how vulnerable each facility is to a potential hazard. The Planning Team ranked the facilities by their importance to the District's production and delivery of drinking water. The Planning Team then used this ranking to develop an estimate of potential economic impacts that could be caused by the high priority hazards. A percentage based on the ranking was applied to the District's projected 2019-2020 annual water revenue (\$7.8 million) to assess the annual economic impact for each facility.

## **SECTION 5: COMMUNITY CAPABILITY ASSESSMENT**

---

### **5.1 Agencies and People**

The District is in the Southeastern section of Riverside County. The District serves Desert Hot Springs, a portion of Palm Springs, and the unincorporated communities of North Palm Springs, West Garnet, Painted Hills, Mission Lakes Country Club, and west to the Cabazon Indian Reservation. The District serves approximately 13,000 water service connections, 8,700 sewer connections with a population of approximately 38,000 customers.

To help mitigate the potential impacts of disasters, both small and large, the District joined CalWARN, which is a mutual aid agreement. CalWARN has training sessions on the function of mutual assistance, FEMA, CalOES, and County interactions to help water and wastewater agencies and the public to learn and share ideas two times a year. These meetings are also open to the public. Meeting and training sessions are held twice a year in the spring and fall. District staff attends these sessions on a regular basis. During COVID, CalWARN has held many virtual sessions.

The District employs 49 full-time employees in the water, sewer, and administrative departments. With the capabilities of CalWARN, the District has the potential of having hundreds of mutual aid workers at its disposal within hours of an emergency. This is a public water district and does not have jurisdiction over overbuild codes, land use, or people in the service area. The City of Desert Hot Springs, Riverside County, and the City of Palm Springs have this duty. However, MSWD can issue “Will Serve” letters to new tracks within its service area. If the District cannot serve a development, the developer will find alternative water resources to supply their development.

### **5.2 Existing Plans**

The following emergency-related plans apply as appropriate. The following plans are updated yearly. The ERP is updated every five years. During the process, all plans are updated to include new information, hazards, facilities, and old facilities are removed.

- CalWARN Emergency Operations Plan
- The District's Illness Injury Prevention Plan (IIPP)
- The District's Urban Water Management Plan
- Past Hazard Mitigation Plan
- Emergency Response Plan (ERP)

The District has a mutual aid agreement with CalWARN that covers most water and wastewater agencies in California. As a government entity (Special District, within California Law), the District can access the Emergency Managers Mutual Aid (EMMA) and the Emergency Management Assistance Compact (EMAC) for national mutual aid and the National WARN System through the American Water Works Association.

## **Public Outreach**

CalWARN holds workshops twice a year for the members and the water agencies. CalWARN plans to start sending invitations to the public, so the public has a better understanding of hazard mitigation planning in their communities. These workshops promote mitigation strategies for water districts and how to prevent the impacts of hazards on the District's infrastructure. CalWARN shares information from past experiences, what utility leaders experience during emergencies, and what they should have done differently to mitigate this hazard from happening in the future.

## **5.3 Regulations, Codes, Policies, and Ordinances**

The Urban Water Management and Planning Act was passed in 2010 and requires water suppliers to estimate water demands and available water supplies. The District's updated Urban Water Management Plan (UWMP) is anticipated to be completed in June 2021. UWMPs are required to evaluate the adequacy of water supplies, including projections of 5, 10, and 20 years. These plans are also required to include water shortage contingency planning for dealing with water shortages, including a catastrophic supply interruption.

UWMPs are intended to be integrated with other urban planning requirements and management plans. Some of these plans include city and county General Plans, Water Master Plans, Recycled Water Master Plans, Integrated Resource Plans, Integrated Regional Water Management Plans, Groundwater Management Plans, Emergency Response Plans, Groundwater Sustainability Plans, and others.

The District has an Emergency Response Plan that details how the District will respond to various emergencies and disasters. The District must be prepared to respond to a variety of threats that require emergency actions, including:

- Operational incidents, such as power failure or bacteriological contamination of water associated with the District's facilities.
- Outside or inside malevolent acts, such as threatened or intentional contamination of water, intentional damage/destruction of facilities, detection of an intruder or intruder alarm, bomb threat, or suspicious mail.
- Natural disasters, such as earthquakes or floods and power failures.
- Water Conservation Regulations

The District is also required to follow the Standard Emergency Management System (SEMS) and the National Incident Management System (NIMS), and the Incident Command System (ICS) when responding to emergencies.

## 5.4 Mitigation Programs

The District has completed some mitigation programs. The California Department of Water Resources (DWR) required the District to raise well pump motors and other wellhead assemblies above the 500-year flood plain elevation. This is being accomplished by installing the motors and wellheads on elevated concrete foundations.

## 5.5 Fiscal Resources

Fiscal resources for the District include the following:

- Revenue from water sales
- Monthly Service Charge Fee
- Water Availability Assessment (On Property Taxes)
- Water and Sewer Connection Fees
- Meter Installation Fee
- If necessary, local bond measures and property taxes

Through the California DWR, local grants and/or loans are available for water conservation, groundwater management, studies, and activities to enhance local water supply quality and reliability. Project eligibility depends on the type of organization(s) applying and participating in the project and the specific type of project. More than one grant or loan may be appropriate for a proposed activity. Completing the LHMP will facilitate aid to obtain grant funding in the future.

## SECTION 6: MITIGATION STRATEGIES

---

### 6.1 Overview

The District's mitigation strategy is derived from the in-depth review of the existing vulnerabilities and capabilities outlined in previous sections of this plan, combined with a vision for creating a disaster-resistant and sustainable system for the future. This vision is based on informed assumptions, recognizes both mitigation challenges and opportunities, and is demonstrated by the goals and objectives outlined below. The mitigation measures identified under each objective include an implementation plan for each measure. The measures were individually evaluated during discussions of mitigation alternatives, and the conclusions were used as input when priorities were decided. All priorities are based on the consensus of the Planning Team.

Mitigation measures are categorized generally for all hazards and specifically for the four high-risk hazards facing the District that were extensively examined in the risk assessment section: drought, earthquakes, floods, and wildfires. Only City's, **not** special districts, are allowed to join NFIP.

### 6.2 Mitigation Goals, Objectives, and Projects

As stated before, this is the first Hazard Mitigation Plan for the District. The process of identifying goals began with a review and validation of the FEMA Hazard Maps for the District and surrounding agencies in Riverside County. The Planning Team completed an assessment and discussion of whether each of the goals was valid. These discussions led to the opportunity to identify Goals and Objectives. In reviewing the mitigation objectives and actions, it was the Planning Team's consensus that the following goals should be included in the LHMP.

### 6.3 Earthquake

**Goal:** To protect life and property in Mission Springs Water District in the event of an earthquake.

**Objective:** *The goal is to avoid injury, loss of life, and damages to property.* The District agrees that strengthening of buildings and fire codes is critical to the protection of property, life, and the reduction of seismic-caused damages. These codes help water utilities design and construct reservoirs, pump stations, groundwater wells, and pipelines to resist the forces of nature. Design all new facilities to Seismic use Group III (Risk Category IV) structure by default per AWWA D100. Establish property protection measures and retrofit programs for facilities in high-hazard areas. Continuously integrate new data on natural and manmade hazards into all projects and existing facilities. Establish a partnership with all levels of government and non-government agencies.

### **Mitigation Projects:**

*Below you will find the priority of the project, the department that will be responsible for this action, and the source of funding.*

- Evaluate and construct seismic retrofit of critical facilities \$10 Million **(10 years) High. HMGP. Engineering.**
- Install generators at wells and booster sites \$2.5 Million **(2 years) High. HMGP. Engineering.**
- Evaluate all underground infrastructure material \$10 Million **(8 years) Low. HMGP. Engineering.**

## **6.4 Windstorms**

**Goal:** To protect life and property in Mission Springs Water District in the event of a windstorm.

**Objective:** *The goal is to protect life, property, and the water system.* The Santa Ana winds are notorious in Southern California for wreaking havoc during the fall and winter months each year. The winds are known for their hot, dry weather and bring the lowest relative humidity of the year. The Santa Ana winds easily reach speeds of over 40 miles per hour with a gust of over 60 miles per hour. These winds topple trees, power lines, start wildfires, and generally cause havoc throughout the region. This has caused Southern California Edison and other power providers in California to cut power in regions during these wind events, which are called Public Safety Shutoff events.

### **Mitigation Projects:**

*Below you will find the priority of the project, the department that will be responsible for this action, and the source of funding.*

- Install generators at wells and booster stations \$1 Million **(3 years) Operations Manager. HMGP, BRIC. Medium.**
- Develop customer's notification on water conservation during events \$5,000 **(Annual) General Manager. High.**
- Develop better communication with Edison \$5,000 **(Annual) General Manager. CIP. High.**

## **6.5 Drought**

**Goal:** Identify and mitigate any potential damage to District property and infrastructure.

**Objectives:** The overriding objective of the long-term actions is adjustments to drought conditions, even under normal situations, as a proactive and preparatory measure. This includes, for instance, the increase of water storage capacity, the adoption of water-saving technology, the recharge of groundwater, monitoring the available water resources, and implementing water



conservation measures and/or specific drought response actions.

### **Mitigation Projects:**

*Below you will find the priority of the project, the department that will be responsible for this action, and the source of funding*

- Development of Regional Urban Water Management Plan \$50,000 (1 year) **High. CIP. Engineering.**
- Update Water Shortage Contingency Plan \$25,000 (1 year) **High. CIP. Engineering.**
- Increase water supply drilling new wells \$ 10 Million (5 years) **High. BRIC. Engineering and Administration.**
- Improve operational efficiency/water transfers \$500,00 (2 years) **High. CIP. Engineering and Operations.**
- Educational programs \$20,000 (1 year) **Medium. CIP. Administration.**
- Promote water conservation programs \$50,000 (2 years) **Low. HMGP. Operations.**
- Groundwater basin recharge \$ 500,000 (3 years) **Medium. HMGP. Operations.**

## **6.6 Flooding**

**Goal:** Identify and mitigate any potential damage to District property and infrastructure.

The District is not a member of the National Flood Insurance Program (NFIP), as water agencies are not allowed to be part of the NFIP. Mission Springs Water District is fortunate to not have any identifiable repetitive and severe repetitive properties.

**Objective:** Require identification, improvement, and upgrading of critical facilities in flood hazard areas through such measures as anchorage to prevent flotation, watertight barriers over openings, reinforcement of walls to resist water pressures, use of materials to reduce wall seepage, and installation of pumping facilities for internal and subsurface drainage.

### **Mitigation Projects:**

*Below you will find the priority of the project, the department that will be responsible for this action, and the source of funding*

- Identify and replace vulnerable vitrified clay pipe sewer main \$4 Million (5 years) **High. FMA. Engineering.**
- Install flood walls, regrade, and install riprap around facilities and on owned access roads. \$5 Million (5 years) **Medium. FMA. Engineering.**
- Erosion Control at well and reservoir sites \$1 Million (1 year) **Medium. FMA. Engineering.**

## 6.7 Wildfire

**Goal:** To help protect the residents from wind damage and the effects of power outages.

**Objective(s):** Because there is no way to plan to reduce or stop the Santa Ana winds in Southern California, the objective is to lessen the damage the winds cause within the District's boundaries.

### **Mitigation Projects:**

*Below you will find the priority of the project, the department that will be responsible for this action, and the source of funding*

- Install generators at wells and booster sites \$ 2.5 Million **(2 years) High. BRIC. Operations and Maintenance.**
- Coordinate and foster better communications with fire and County OES \$25,000 **(ongoing yearly) Medium. CIP. Operations.**
- Develop a fuel plan for generator \$5,000 **(6 months) High. CIP. Operations.**

## 6.8 Mitigation Priorities

During the development of the risk assessment for the District, the Planning Team proposed and discussed alternative mitigation goals, objectives, and specific mitigation measures that the District should undertake to reduce the risk from the four high-risk hazards facing the District.

Multiple factors were considered to establish the mitigation priorities included in this plan. The highest priority rankings were assigned to those mitigation measures that met three primary criteria:

1. The greatest potential for protecting water and wastewater infrastructure, life, and property
2. The greatest potential for maintaining critical District functions and operability following a disaster
3. Achievability in terms of customer support and cost-effectiveness

All rankings were determined by the consensus of the Planning Team. As described in the previous section on hazard and risk assessment, earthquakes clearly have the potential to affect the largest number of people, critical facilities, and buildings and to cause the greatest economic losses. This fact, combined with the relatively high probability of an earthquake occurrence in the next several decades, makes increasing disaster resistance and readiness to earthquakes a high priority. Given the extreme importance of maintaining critical functions in times of disaster and the large number of customers who depend and rely on District services and infrastructure, those mitigation measures that improve disaster resistance, readiness, or recovery capacity are generally given higher priority.

Drought, earthquake, flooding, and wildfire mitigation actions are identified and assigned a priority according to their importance, cost, funding availability, to what degree project planning has been completed, and the anticipated time to implement the measures.

Using the above rationale for establishing mitigation priorities, each mitigation measure is assigned a priority ranking as follows:

- High – Projects that will be the primary focus of implementation over the next five to 10 years
- Medium – Projects that may be implemented over the next five years
- Low – Projects that will not be implemented over the next five years unless conditions change (new program/funding source)

**6.9 Implementation Strategy**

The implementation strategy is intended to successfully mitigate the hazards identified in this plan within a reasonable amount of time. The District is currently operating within its annual budget and has been fortunate that the recession of the past 10 years didn't cause major issues with the budget or revenue. The District's revenues have remained strong throughout the recession. Capital improvement projects have remained a priority. District Staff will review the LHMP each year before obtaining the next year's Fiscal Budget. The plan will also be reviewed by the Board of Directors for items to be included in the new fiscal budget. District staff will also look for ways to obtain Hazard Mitigation Grants each year to offset the impacts on the fiscal budget and to show some relief for the residents of a disadvantaged community. The General Manager or his/her assignee is responsible for implementing or administering all mitigation projects. Listed below is a benefit-cost analysis formula that is required by FEMA.

$$B/C = \left[ \frac{B_0}{(1+i)^0} + \dots + \frac{B_T}{(1+i)^T} \right] \div \left[ \frac{C_0}{(1+i)^0} + \dots + \frac{C_T}{(1+i)^T} \right]$$

**Mitigation Projects Funding Source**

There is currently no mitigation money in the District's budget. The District will include mitigation into the budgeting process when funding becomes available and look at what mitigation projects could be funded in future budget cycles. Also, the District will utilize the BRIC (Building Resilient Infrastructure in Communities), FMA (Flood Mitigation Assistance), HMGP (Hazard Mitigation Grant Program), and other grant funding arms to obtain the mitigation and address the shortfalls in the District's Capital Improvement Program (CIP).

**Timeframe**

Over the next five years, the District will incorporate mitigation into all capital improvement projects the District undertakes. The District has a Capital Improvement Program. When money is available for CIP, the District replaces outdated pipelines, reservoirs, wells, and buildings.

The District will apply for mitigation grants as opportunities become available in the State of California, or in the County of Riverside each year. The District will consider all mitigation items during the annual budget workshops conducted each spring.

## **SECTION 7: PLAN MAINTENANCE**

---

### **7.1 Monitoring, Evaluating, and Updating the Plan**

The LHMP will be monitored and evaluated by the General Manager or his/her assignee each year, and progress will be reported as part of the annual budget workshop. **The General Manager or his/her assignee will evaluate the plan on an annual basis and consider whether new hazards have emerged, community vulnerability has changed, and goals and objectives are still relevant to current conditions.** Annually, the General Manager or his/her appointee and the Board of Directors will review funding and determine the Capital Improvement Projects to be included in the next fiscal year's budget. The General Manager or his/her assignee will include the LHMP in all budget workshops and grant planning meetings. This will allow open discussion, evaluation, and assessment of the plan to achieve goals, allowing additions and removal of mitigated items. The General Manager or his/her assignee will keep track of all mitigation grants received by the District and when mitigation items from the LHMP are included in the CIP for mitigation.

A full review of the plan will be performed at five-year intervals by staff in the same manner as the initial LHMP. Progress in reaching mitigation goals, assessment of new and existing hazards, development of new mitigation strategies, and goals will be tackled by a Planning Team that will include the District's staff and the community served by the District. The public and the City of Desert Hot Springs will be asked to participate in the update process. The District's budget is a public document and is reviewed by the public before the Board of Directors adopts the annual budget and any updates to the LHMP.

### **7.2 Implementation through Existing Programs**

Once the State of California OES and FEMA approve the LHMP, the District will incorporate the LHMP into capital improvement projects, capital replacement programs, building design, and any updates or repairs to the water distribution system. The District will submit a Notice of Intent to the State of California to help facilitate funding opportunities in obtaining FEMA and State funding to mitigate hazards within the service area.

The District's General Manager or his/her appointee will be responsible for implementing the LHMP and ensuring the recommended goals and objectives are met. The General Manager or his/her appointee will be responsible for placing the LHMP on the District's website and incorporate the LHMP into the annual budget workshops. The District will start the update process one and a half years before the expiration date on this document. The approved LHMP will be included in all project planning stages throughout the District. This will clarify the hazards in the District regarding the location of infrastructure and hazards. This will ensure that new or revamping infrastructure is built to withstand the hazards at different locations in the service area. The LHMP will be reviewed each year to ensure the LHMP identified projects are completed.

### **7.3 Continued Public Involvement**

During the annual budget cycle, Directors, Managers, and staff meet to discuss and formulate a new budget. It is the responsibility of the Director of Engineering and Operations or his/her assignee to bring a copy of the current LHMP to the budget meetings. The LHMP will be consulted during these meetings to formulate how the District will fund different mitigation items listed in the LHMP. These items will be identified as items that will be funded either in the budget or through grant writing opportunities. Once the budget is formulated, the budget is taken to the Board for adoption.

# APPENDIX A

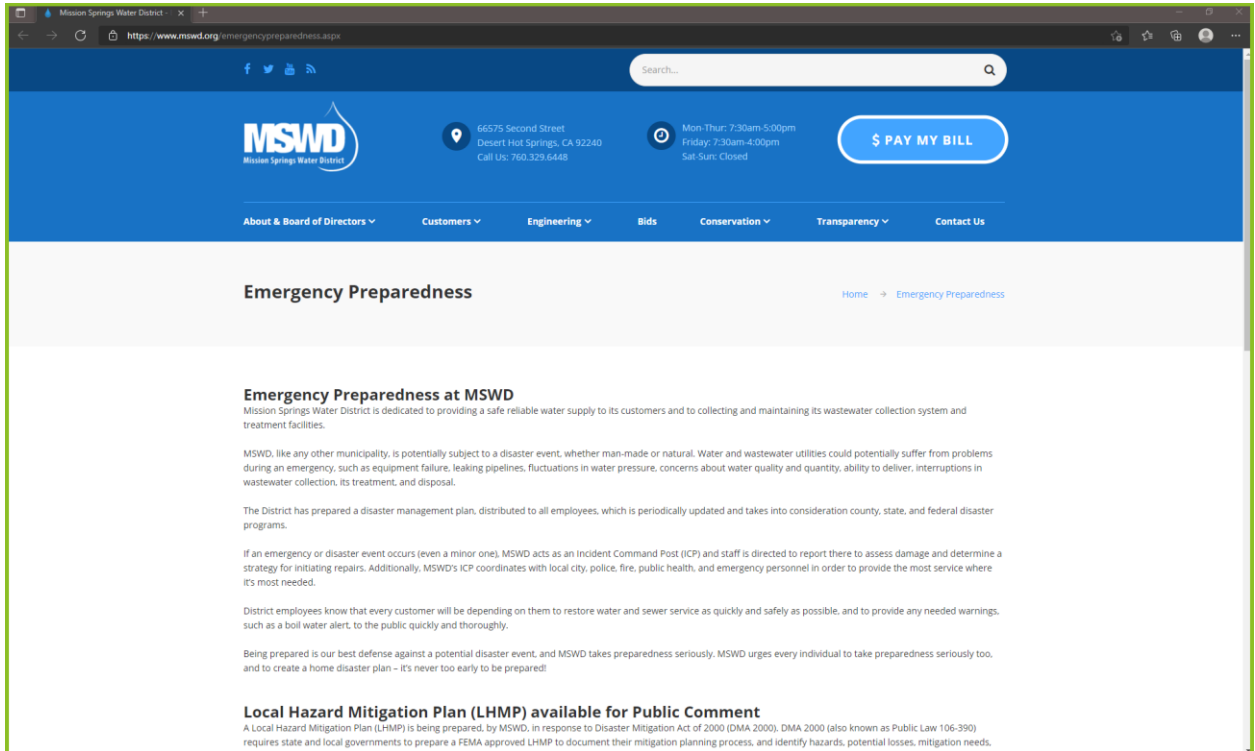
## Meeting Matrix

	8/2020	9/2020	10/2020	11/2020	03/2021	04/2021
<b>Name</b>	<b>Forming Planning Team</b>					
<b>Amanda Lucas</b>	X	X	X	X	X	X
<b>April Scott</b>	X	X		X	X	
<b>Bassam Alzammar</b>	X	X	X	X	X	X
<b>Danny Friend</b>	X		X			
<b>Gary Sturdivan</b>	X	X	X	X	X	X
<b>Jeff Nutter</b>	X			X	X	X
<b>Juan Hernandez</b>	X	X		X		X
<b>Lee Boyer</b>	X		X	X	X	
<b>Mark Ban</b>						
<b>Ray Kolisz</b>						
<b>Mark Bassett</b>						
<b>Luiz Santos</b>	X	X		X		X
<b>Victoria Llort</b>	X	X			X	X



# **APPENDIX B**

## **Screenshot of Mission Springs Water District Website LHMP Page**



<https://www.mswd.org/emergencypreparedness.aspx>

# APPENDIX C

## Public Comments

**No Public Comments Submitted.**

# AGENDA STAFF REPORT

**MEETING NAME:** REGULAR BOARD MEETING(S)

**MEETING DATE(S):** MARCH 17 & 21, 2022

**FROM:** BRIAN MACY, ASSISTANT GENERAL MANAGER

**FOR:** ACTION    X                      DIRECTION                      INFORMATION




---

## AWARD THE CONTRACT AGREEMENT FOR EMERGENCY REPAIR OF 150 LINEAR FEET OF 8-INCH SEWER LINE AND FIVE SERVICE CONNECTIONS ON ACOMA AVENUE TO TRYCO GENERAL ENGINEERING, INC.

---

### STAFF RECOMMENDATION

Authorize the General Manager to approve a contract agreement to complete the Emergency Repair of 150 Linear Feet of 8-inch sanitary sewer on Acoma Avenue in the amount of \$77,600.00 plus a 10% contingency for a total of \$85,360.00, to Tryco General Engineering, Inc. and authorize the General Manager to do all thing necessary to complete the project.

### SUMMARY

On February 23, 2022, Mission Springs Water District identified approximately 150 linear feet of sewer line and five residential service connections that were damaged due to tree roots infiltrating the sewer line. Staff prepared an informal emergency bid proposal and solicited three contractors to provide quotes for the repair of the sewer.

### ANALYSIS

Mission Springs Water District solicited quotes from three contractors. Below details their cost proposals:

Contractor:	Cost Proposal:
Tryco General Engineering, Inc. (Desert Hot Springs)	\$77,600.00
Tri-Star Contracting, Inc. (Desert Hot Springs)	\$109,163.00
Jones Brothers Construction Co. (Coachella)	No proposal submitted

Out of the three contractors Mission Springs Water District contacted, staff received two cost proposals, and determined that the lowest cost proposal submitted was from Tryco General Engineering Inc.

### FISCAL IMPACT AND STRATEGIC PLAN IMPLEMENTATION

The cost for all work authorized under this contract was approved in the FY 2022 Wastewater Capital Improvement Budget

### ATTACHMENTS

Exhibit A - Contract Agreement, Tryco General Engineering, Inc.  
Exhibit B – Acoma Avenue Pipe Replacement Exhibit

Agreement for Construction  
Mission Springs Water District  
66575 Second Street  
Desert Hot Springs, CA 92240  
Telephone 760-329-6448 – FAX 760-329-2482

For your protection, make sure that you read and understand all provisions before signing. The terms on pages 2 - 6 are incorporated in this document and will constitute a part of the agreement between the parties when signed.

TO: Tryco General Engineering  
PO Box 391  
Rimforest, CA 92378

DATE: March 9, 2022

PROJECT DIR#: 307979

PROJECT: **Emergency Sewer Repairs – Acoma Ave. (Manhole No. 130-131)**

The undersigned Contractor offers to furnish the following:

**All Work/Services per the attached Exhibit A – Scope of Work, and in accordance with Exhibit B – Proposal as provided by Tryco General Engineering, and per Exhibit C – Term, Early Termination & Notice**

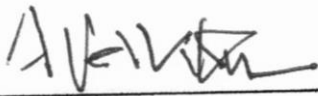
Contract price \$: Not to Exceed \$77,600.00


Term: Forty-Five (45) days from the effective Agreement DATE above

Instructions: Sign and return via email. Upon acceptance by Mission Springs Water District, a copy will be signed by its authorized representative(s) and promptly returned to you. Insert the names of your authorized representative(s) below.

Accepted:  
Mission Springs Water District

Consultant:  
Tryco General Engineering  
(Business Name)

By:   
Arden Wallum

By:   
Try Kirtley

Title General Manager

Title President

Other authorized representative(s):  
Brian Macy  
Assistant General Manager

Other authorized representative(s):  
Sylvan Kirtley  
Secretary

Lee Boyer  
Chief Plant Operator

Contractor or supplier (Contractor) agrees with the Mission Springs Water District (MSWD) that:

- a) **Indemnification:** To the fullest extent permitted by law, Contractor will immediately defend, indemnify and hold harmless MSWD, its directors, officers, employees, or authorized volunteers (collectively the District) from all claims and demands of all persons arising out of or in connection with this Contract or the performance of the work or the furnishing of materials; including but not limited to, claims by the Contractor or Contractor’s employees for damages to persons or property except for the sole negligence or willful misconduct or active negligence of MSWD, its directors, officers, employees, or authorized volunteers. Contractor shall immediately defend upon the MSWD’s tender, at Contractor’s own cost, expense and risk, any and all such aforesaid suits, actions or other legal proceedings of every kind that may be brought or instituted against MSWD, its officials, officers, agents, employees and representatives, notwithstanding whether Contractor’s liability is or can be established; Contractor’s obligation to indemnify shall survive the termination or completion of this agreement for the full period of time allowed by law and shall not be restricted by the insurance requirements of this Contract or to insurance proceeds, if any received by MSWD, or its directors, officers, employees, or authorized volunteers.
- b) Contractor shall not accept direction or orders from any person other than the General Manager or the person(s) whose name(s) is (are) inserted on Page 1 as “other authorized representatives.”
- c) Payment, unless otherwise specified on Page 1, is to be (30) thirty days after acceptance and approval by the MSWD of Contractor’s invoice.
- d) Permits required by governmental authorities will be obtained at Contractor’s expense, and Contractor shall comply with local, state and federal regulations and statutes including the Cal/OSHA requirements.
- e) Any change in the scope of the work to be done, method of performance, nature of materials or price thereof, or to any other matter materially affecting the performance or nature of the work will not be paid for or accepted unless such change, addition or deletion is approved in advance, in writing by a supplemental agreement executed by the MSWD. Contractor’s “authorized representative(s)” has (have) the authority to execute such written change for Contractor.

**INSURANCE REQUIREMENTS**

**Workers’ compensation Coverage:** By his/her signature hereunder, Contractor certifies that he/she is aware of the provisions of Section 3700 of the California Labor Code which requires every employer to be insured against liability for workers’ compensation or to undertake self-insurance in accordance with the provisions of that code, and he/she will comply with such provisions before commencing the performance of the work of this agreement. Contractor and sub-contractors will keep workers’ compensation insurance for their employees in effect during all work covered by this agreement.

**Commercial General Liability and Automobile Liability Insurance** - The Contractor shall provide and maintain the following commercial general liability and automobile liability insurance before beginning any work:

Contractor or supplier (Contractor) agrees with MSWD that:

**Coverage** - Coverage for commercial general liability and automobile liability insurance shall be at least as broad as the following:

- 1. Insurance Services Office (ISO) Commercial General Liability Coverage (Occurrence Form CG 0001)

2. Insurance Services Office (ISO) Business Auto Coverage (Form CA 0001), covering Symbol 1 (any auto)

**Limits** - The Contractor shall maintain limits no less than the following:

1. General Liability – Two million dollars (\$2,000,000) per occurrence or the full per occurrence limits of the policies available, whichever is greater for bodily injury, personal injury and property damage and products & completed operations liability. If Commercial General Liability Insurance or other form with a general aggregate limit or products-completed operations aggregate limit is used, either the general aggregate limit shall apply separately to the project/location (via ISO endorsement at least as broad as the ISO CG 2503, or ISO CG 2504, provided to MSWD) or the general aggregate limit and products-completed operations aggregate limit shall be twice the required occurrence limit.
2. Automobile Liability - One million dollars (\$1,000,000) for bodily injury and property damage each accident limit.
3. Excess Liability - The limits of Insurance required in this agreement may be satisfied by a combination of primary and umbrella or excess Insurance. Any umbrella or excess Insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and non-contributory basis for the benefit of the MSWD (if agreed to in a written contract or agreement) before the MSWD's own primary or self-Insurance shall be called upon to protect it as a named insured.

**Required Provisions** - The general liability and automobile liability policies are to contain, or be endorsed to contain, the following provisions:

1. MSWD, its directors, officers, employees, and authorized volunteers are to be given insured status at least as broad as ISO endorsement CG 2010 11 85; or both CG 20 10 10 01 and CG 20 37 04 13 (or the 20 10 04 13 (or earlier edition date) specifically naming all of the MSWD parties required in this agreement, or using language that states "as required by contract"). All Subcontractors hired by Contractor must also have the same forms or coverage at least as broad; as respects liability arising out of activities performed by or on behalf of the Contractor; products and completed operations of the Contractor; premises owned, occupied or used by the Contractor; and automobiles owned, leased, hired or borrowed by the Contractor. The coverage shall contain no special limitations on the scope of protection afforded to MSWD, its directors, officers, employees, or authorized volunteers.
2. For any claims related to this project, the Contractor's insurance shall be primary insurance as respects MSWD, its directors, officers, employees, or authorized volunteers using the ISO CG 20 01 04 13 or coverage at least as broad. Any insurance, self-insurance, or other coverage maintained by the MSWD, its directors, officers, employees, or authorized volunteers shall not contribute to it.
3. Any failure to comply with reporting or other provisions of the policies including breaches of warranties shall not affect coverage provided to MSWD, its directors, officers, employees, or authorized volunteers.
4. The Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
5. Each insurance policy required above shall provide that coverage shall not be canceled, except with notice to the MSWD.

Such liability insurance shall indemnify the Contractor and his/her sub-contractors against loss from liability imposed by law upon, or assumed under contract by, the Contractor or his/her sub-contractors for damages on account of such bodily injury (including death), property damage, personal injury, completed operations, and products liability.

The automobile liability policy shall cover all owned, non-owned, and hired automobiles.

All of the insurance shall be provided on policy forms and through companies satisfactory to MSWD.

**Deductibles and Self-Insured Retentions** - Any deductible or self-insured retention must be declared to and approved by MSWD. At the option of MSWD, the insurer shall either reduce or eliminate such deductibles or self-insured retentions. Policies containing any self-insured retention (SIR) provision shall provide or be endorsed to provide that the SIR may be satisfied by either the named or additional insureds, co-insurers, and/or insureds other than the First Named Insured.

**Acceptability of Insurers** - Insurance is to be placed with insurers having a current A.M. Best rating of no less than A-: VII or equivalent or as otherwise approved by MSWD.

**Evidences of Insurance** - Prior to execution of the agreement, the Contractor shall file with MSWD a certificate of insurance (Acord Form 25 or equivalent) signed by the insurer's representative evidencing the coverage required by this agreement. **Such evidence shall include (1) attached additional insured endorsements with primary & non-contributory wording, (2) Workers' Compensation waiver of subrogation, and (3) a copy of the CGL declarations or endorsement page listing all policy endorsements, and confirmation that coverage includes or has been modified to include Required Provisions 1-5 above.** The District reserves the right to obtain complete, certified copies of all required insurance policies, at any time. Contractor shall maintain the Insurance required by this agreement for a period of not less than 10 years following the termination or completion of this agreement. Contractor further waives all rights of subrogation under this agreement. Failure to continually satisfy the Insurance requirements is a material breach of contract.

If any of the required coverages expire during the term of this agreement, the Contractor shall deliver the renewal certificate(s) including the general liability additional insured endorsement to MSWD at least ten (10) days prior to the expiration date. Failure to comply with any of the Insurance requirements shall constitute a material breach of contract.

The Insurance requirements in this agreement do not in any way represent or imply that such coverage is sufficient to adequately cover the Contractor's obligations under this agreement. All Insurance or self-insurance coverage and limits applicable to a given loss or available to the named insured shall be available and applicable to the additional insured. The insurance obligations under this agreement are independent of and in addition to the defense and indemnity obligations contained elsewhere in this agreement and shall not in any way act to limit or restrict the defense or Indemnity or additional insured obligations of the Contractor or the Contractor's insurance carrier, and shall be for (1) the full extent of the Insurance or self-insurance coverages and limits carried by or available to the Contractor, or (2) the minimum Insurance coverage and amounts shown in this agreement; whichever is greater. District reserves the right to add such other parties as may be required in the future to the indemnity and additional insured requirements of this agreement.

### **GENERAL CONDITIONS**

**Laws, Regulations and Permits** - The Contractor shall give all notices required by law and comply with all laws, ordinances, rules and regulations pertaining to the conduct of the work. The Contractor shall be liable for all violations of the law in connection with work furnished by the Contractor. If the Contractor observes that the drawings or specifications are at variance with any law or ordinance, rule or regulation,



he/she shall promptly notify the MSWD authorized representative(s) in writing and any necessary changes shall be made by written instruction or change order. If the Contractor performs any work knowing it to be contrary to such laws, ordinances, rules or regulations and without giving notice to the MSWD authorized representative(s), the Contractor shall bear all costs arising there from.

**Safety** - The Contractor shall execute and maintain his/her work so as to avoid injury or damage to any person or property. The Contractor shall comply with the requirements of the specifications relating to safety measures applicable in particular operations or kinds of work.

In carrying out his/her work, the Contractor shall at all times exercise all necessary precautions for the safety, health and sanitation of employees appropriate to the nature of the work and the conditions under which the work is to be performed, and be in compliance with all applicable federal, state and local statutory and regulatory requirements including California Department of Industrial Relations (Cal/OSHA) regulations. In case of conflict in regulations, the most stringent shall apply. The Contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract. Safety precautions, as applicable, shall include but shall not be limited to: adequate life protection and lifesaving equipment; adequate illumination; instructions in accident prevention for all employees, such as the use of machinery guards, safe walkways, scaffolds, ladders, bridges, gang planks, confined space procedures, trenching and shoring, fall protection, and other safety devices; equipment and wearing apparel as are necessary or lawfully required to prevent accidents, injuries, or illnesses; and adequate facilities for the proper inspection and maintenance of all safety measures.

It is a condition of this contract, and shall be made a condition of each subcontract which the contractor enters into pursuant to this contract, that the Contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under Cal/OSHA safety and health standards.

The Contractor shall be responsible for the safeguarding of all utilities. At least two working days before beginning work, the Contractor shall call the Underground Service Alert (USA) in order to determine the location of sub-structures. The Contractor shall immediately notify the MSWD and the utility owner if he/she disturbs, disconnects, or damages any utility.

In accordance with Section 6705 of the California Labor Code, the Contractor shall submit to the MSWD specific plans to show details of provisions for worker protection from caving ground during excavations of trenches of five feet or more in depth. The excavation/trench safety plan shall be submitted to and accepted by the MSWD prior to starting excavation. The trench safety plan shall have details showing the design of shoring, bracing, sloping or other provisions to be made for worker protection from the hazard of caving ground. If such a plan varies from the shoring system standards established by the Construction Safety Orders of the California Department of Industrial Relations (Cal/OSHA), the plan shall be prepared by a California registered civil or structural engineer. As part of the plan, a note shall be included stating that the registered civil or structural engineer certifies that the plan complies with the Cal/OSHA Construction Safety Orders, or that the registered civil or structural engineer certifies that the plan is not less effective than the shoring, bracing, sloping or other provisions of the Safety Orders. In no event shall the Contractor use a shoring, sloping, or protective system less effective than that required by said Construction Safety Orders. Submission of this plan in no way relieves the Contractor of the requirement to maintain safety in all areas. If excavations or trench work requiring a Cal/OSHA permit are to be undertaken, the Contractor shall submit his/her permit with the excavation/trench work safety plan to the MSWD before work begins.

The names and telephone numbers of at least two medical doctors practicing in the vicinity and the telephone number of the local ambulance service shall be prominently displayed adjacent to telephones.

This work is subject to the State of California "Prevailing Wage Rates". This work is subject to the requirements of California Labor Code Section 1720 et seq. requiring the payment of prevailing wages, the training of apprentices and compliance with other applicable requirements. In accordance with provisions of Section 1773 of the Labor Code, the Director of the Department of Industrial Relations (DIR) has ascertained the general prevailing rate of wages and employer payments for health and welfare, pension, vacation, and similar purposes applicable to the particular craft, classification, or type of workers employed on the work.

Pursuant to SB 854, no contractor or subcontractor may work on a public works project unless registered with DIR for contracts awarded on/after April 1, 2015. General Contractors shall ensure all subcontractors executing work under the contract are DIR registered. All public works contractors and subcontractors to furnish electronic certified payroll records directly to the Labor Commissioner using the California Division of Labor Standards Enforcement's online portal.

# EXHIBIT A

## SCOPE OF WORK

### Emergency Sewer Repairs – Acoma Ave. (Manhole No. 130-131)

- A. **Services:** Contractor shall remove and replace approximately 150 linear feet of 8" sewer line, including five (5) wyes and pavement restoration between manhole number 130 and manhole number 131.

Bid Schedule				
Acoma Avenue – 150' Sewer Replacement (8")				
Bid Item	Item Description	Units	Unit Cost	Total Item Cost
1	Traffic Control/Site Maintenance	Lump Sum	\$ 3800.00	\$ 3800.00
2	Utility Location	Lump Sum	\$ 6000.00	\$ 6000.00
3	Remove and Replace 8" Sewer	150 feet	\$ 384.00	\$ 57,600.00
4	WYE 8" X 6"	5 each	\$ 600.00	\$ 3,000.00
5	Pavement Trench Repair	150 feet	48.00	7200.00
Total:				77,400.00

Contractor's Bid (written in words):

seventy seven thousand six hundred dollars  
and zero cents

Trico General Engineering  
 Contractor's Name (Printed)

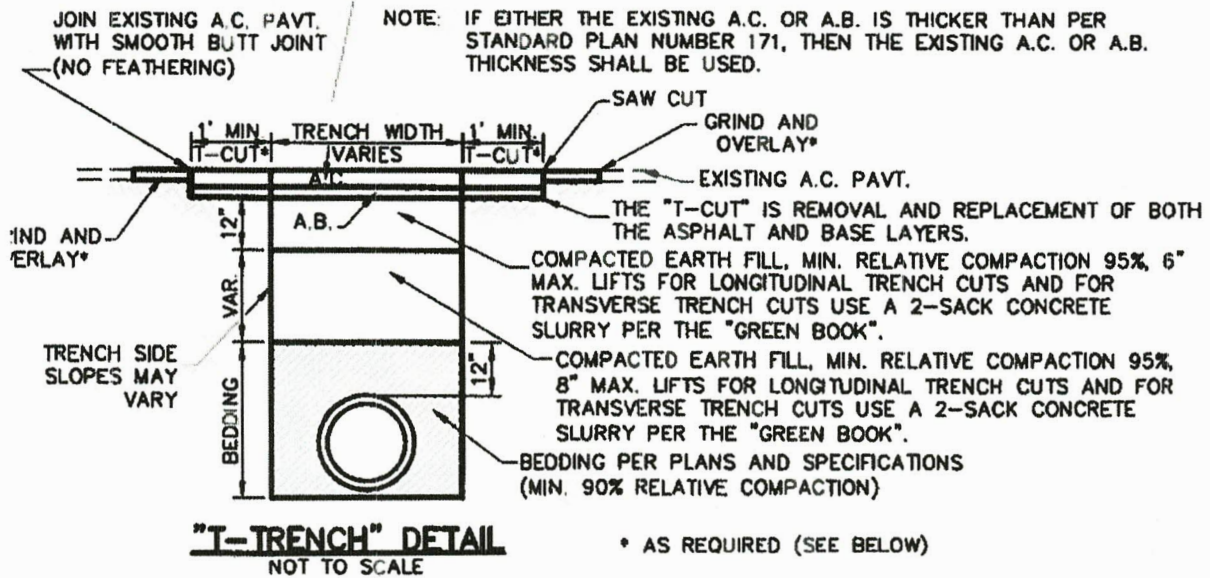
2/27/22  
 Date

**ATTACHMENTS:**

- TRENCH REPAIR DETAIL
- PLAN AND PROFILE OF EXISTING SEWER
- MSWD STANDARD S-01: TYPICAL SEWER TRENCH DETAIL
- MSWD STANDARD S-02A: SEWER PIPE BEDDING
- MSWD STANDARD S-13: SEWER LATERAL
- MSWD SEWER UTILITY MAP



### TRENCH REPAIR DETAIL



### LONGITUDINAL TRENCH CUTS IN DRIVING LANES

- 0" TO 12" WIDE - REPAIR TRENCH WIDTH, PLUS 1.5" GRIND AND OVERLAY FROM LANE LINE TO LANE LINE.
- > 12" WIDE - REPAIR TRENCH WIDTH PLUS AN ADDITIONAL 1' "T-CUT" ON BOTH SIDES, PLUS 1.5" GRIND AND OVERLAY FROM LANE LINE TO LANE LINE.

### TRANSVERSE TRENCH CUTS (PERPENDICULAR TO CENTERLINE OF ROAD).

- 0" TO 12" WIDE - REPAIR TRENCH WIDTH ONLY.
- 12" TO 24" WIDE - REPAIR TRENCH WIDTH PLUS AN ADDITIONAL 1' "T-CUT" ON BOTH SIDES.
- >24" WIDE - REPAIR TRENCH WIDTH PLUS AN ADDITIONAL 1' "T-CUT" ON BOTH SIDES, PLUS 1.5" GRIND AND OVERLAY FOR AN ADDITIONAL 3' ON BOTH SIDES.

### SHOULDER TRENCH CUTS

- AT EDGE OF GUTTER - REPAIR TRENCH WIDTH ONLY (NO "T-TRENCH").
- OFF EDGE OF GUTTER - NO LESS THAN 2' "FLOATER" BETWEEN TRENCH AND GUTTER. SLURRY OR FOG SEAL MAY BE REQUIRED UNLESS THE ROADWAY IS A DESIGNATED BIKE ROUTE, WHICH WOULD REQUIRE A 1.5" THICK GRIND AND OVERLAY FROM EDGE OF GUTTER TO LANE LINE.

## SPECIAL NOTES FOR TRENCH REPAIR DETAIL

### A. ASPHALT CONCRETE (A.C.):

1. A.C. SURFACE LAYER, OR CAP, SHALL BE 1/2-INCH MAXIMUM, MEDIUM, PG 70-10 MATERIAL PER CALTRANS SPECIFICATIONS.
2. A.C. BASE OR BOTTOM, LAYER(S) SHALL BE 3/4-INCH MAXIMUM, MEDIUM, PG 70-10 MATERIAL PER CALTRANS SPECIFICATIONS.
3. MAXIMUM A.C. LIFT THICKNESS = 3.0".
4. ALL A.C. BASE LAYERS AND ALL EDGES TO RECEIVE HEAVY TACK COAT.
5. WHEN SURFACE WIDTH OF A.C. TRENCH TO BE PAVED IS 10', OR WIDER, A BARBER-GREENE PAVER, OR EQUAL, SHALL BE USED.

### B. AGGREGATE BASE (A.B.):

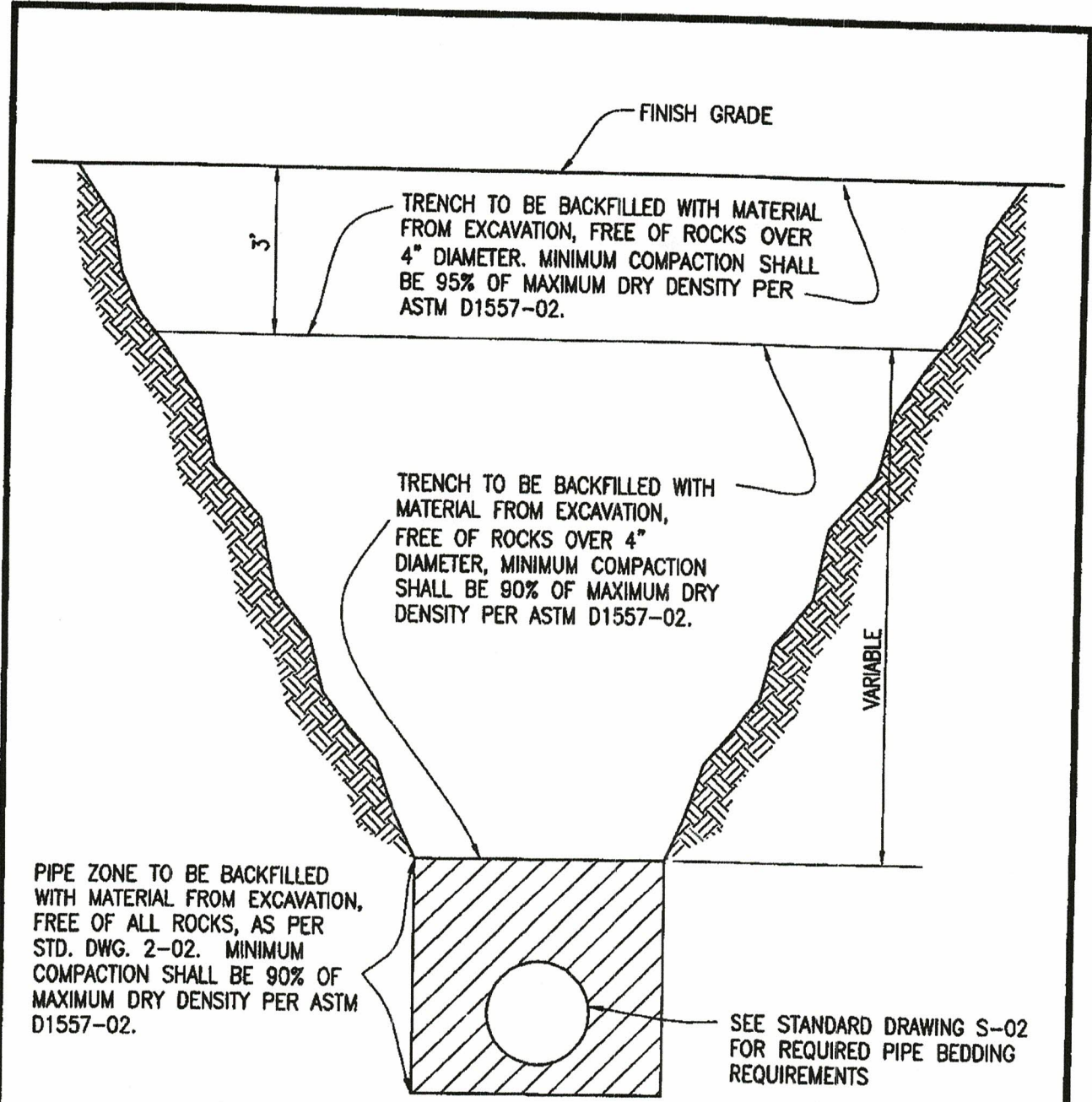
1. AGGREGATE BASE (A.B.) SHALL BE CLASS II A.B. PER CALTRANS SPECIFICATIONS.
2. ALL A.B. AS PART OF STRUCTURAL SECTION SHALL BE COMPACTED TO 95% RELATIVE COMPACTION.
3. A.B. MAY BE USED AS TRENCH BACKFILL; HOWEVER, THE PORTION THAT IS PART OF THE STREET STRUCTURAL SECTION AND THE ADDITIONAL TOP 12" OF A.B. SHALL BE COMPACTED TO 95% RELATIVE COMPACTION.

### C. CONCRETE, 2 SACK SLURRY:

1. FOR TRENCH WIDTHS LESS THAN 12", CONCRETE SLURRY MAY BE BROUGHT TO 4" MIN. BELOW TOP OF A.C. SURFACE.
2. FOR TRENCH WIDTHS GREATER THAN 12", CONCRETE SLURRY MAY BE BROUGHT TO BOTTOM OF A.B. LAYER (I.E. NEED COMPLETE A.B. AND A.C. LAYERS).

### D. TIMING OF FINAL A.C. LAYER (OR CAP):

1. THE A.C. SURFACE LAYER, OR CAP, SHALL BE PLACED THE SAME DAY AS THE BASE A.C. UNLESS SPECIFICALLY APPROVED OTHERWISE BY CITY ENGINEER.
2. IF THE A.C. SURFACE LAYER IS NOT PLACED THE SAME DAY AS THE BASE A.C. LAYER(S), THEN,
  - NO "LIPS" SHALL BE LEFT OPEN TO TRAFFIC ("LIPS" SHALL BE RAMPED, TRENCH CAPPED WITH COLD-MIX, OR OTHERWISE ADDRESSED TO SATISFACTION OF THE CITY ENGINEER).
  - THE A.C. SURFACE LAYER SHALL BE PLACED AS SOON AS POSSIBLE, BUT IN NO CASE LONGER THAN 14 CALENDAR DAYS, AFTER THE BASE A.C. LAYER(S) ARE PLACED.



NOTES:

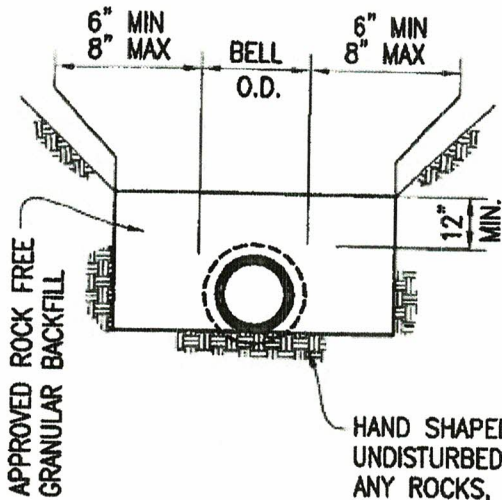
1. ALL TRENCHING SHALL CONFORM TO CAL-OSHA SAFETY STANDARDS.
2. ALL TRENCH SHALL BE BACKFILLED DAILY AFTER APPROVED INSPECTION BY THE MSWD INSPECTOR UNLESS SPECIFICALLY APPROVED AND SAFELY BARRICADED.



TYPICAL SEWER TRENCH DETAIL

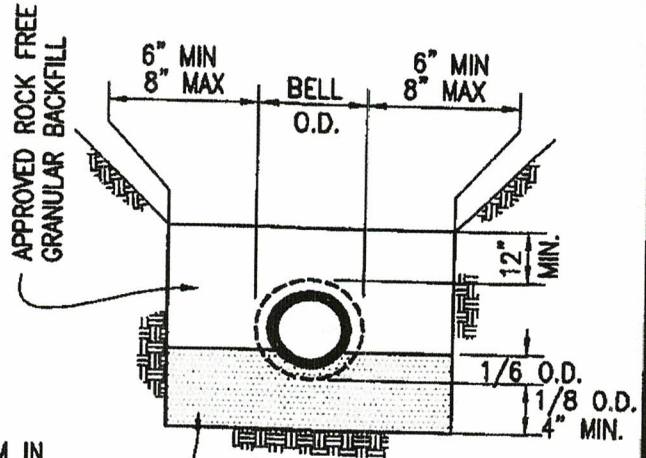
Approved: *[Signature]*  
 Arden Wallum  
 General Manager  
 Drawn: Heitec Inc Date: 06/20/11  
 DRAWING No.  
 S-01

**NOTE:** ALL DIMENSIONS REFERRING TO O.D. SHALL BE BASED ON THE MAXIMUM BELL OR COUPLING DIAMETER

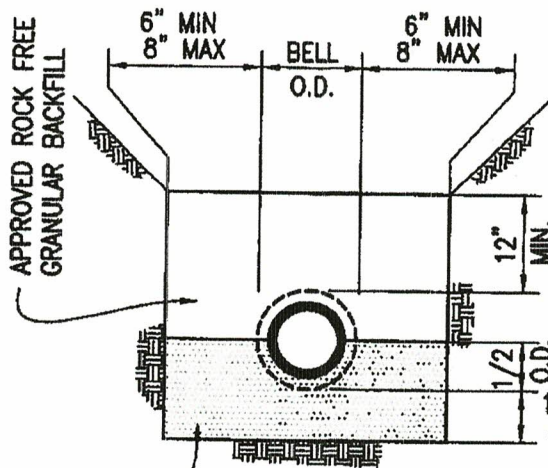


**CLASS D  
NATIVE BEDDING**  
(LOAD FACTOR = 1.1)

HAND SHAPED BOTTOM IN UNDISTURBED SOIL FREE OF ANY ROCKS, OR APPROVED GRANULAR MATERIAL AT LEAST 1" BELOW COLLAR

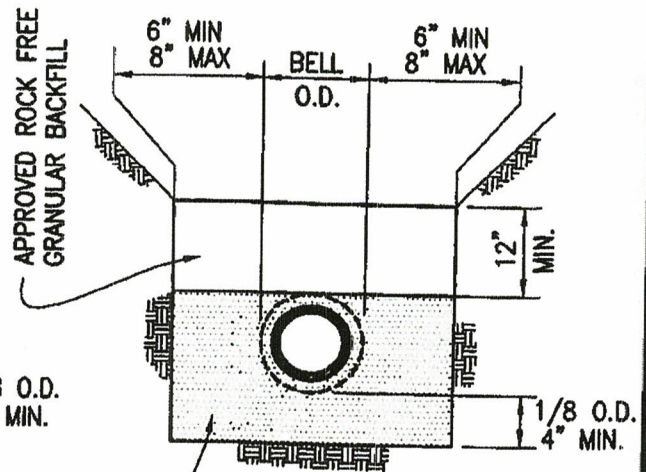


**CLASS C  
SPECIAL BEDDING**  
(LOAD FACTOR = 1.5)



**CLASS B  
SPECIAL BEDDING**  
(LOAD FACTOR = 1.9)

3/4" CRUSHED ROCK THOROUGHLY TAMPED.



**CRUSHED STONE  
ENCASEMENT**  
(LOAD FACTOR = 2.2)

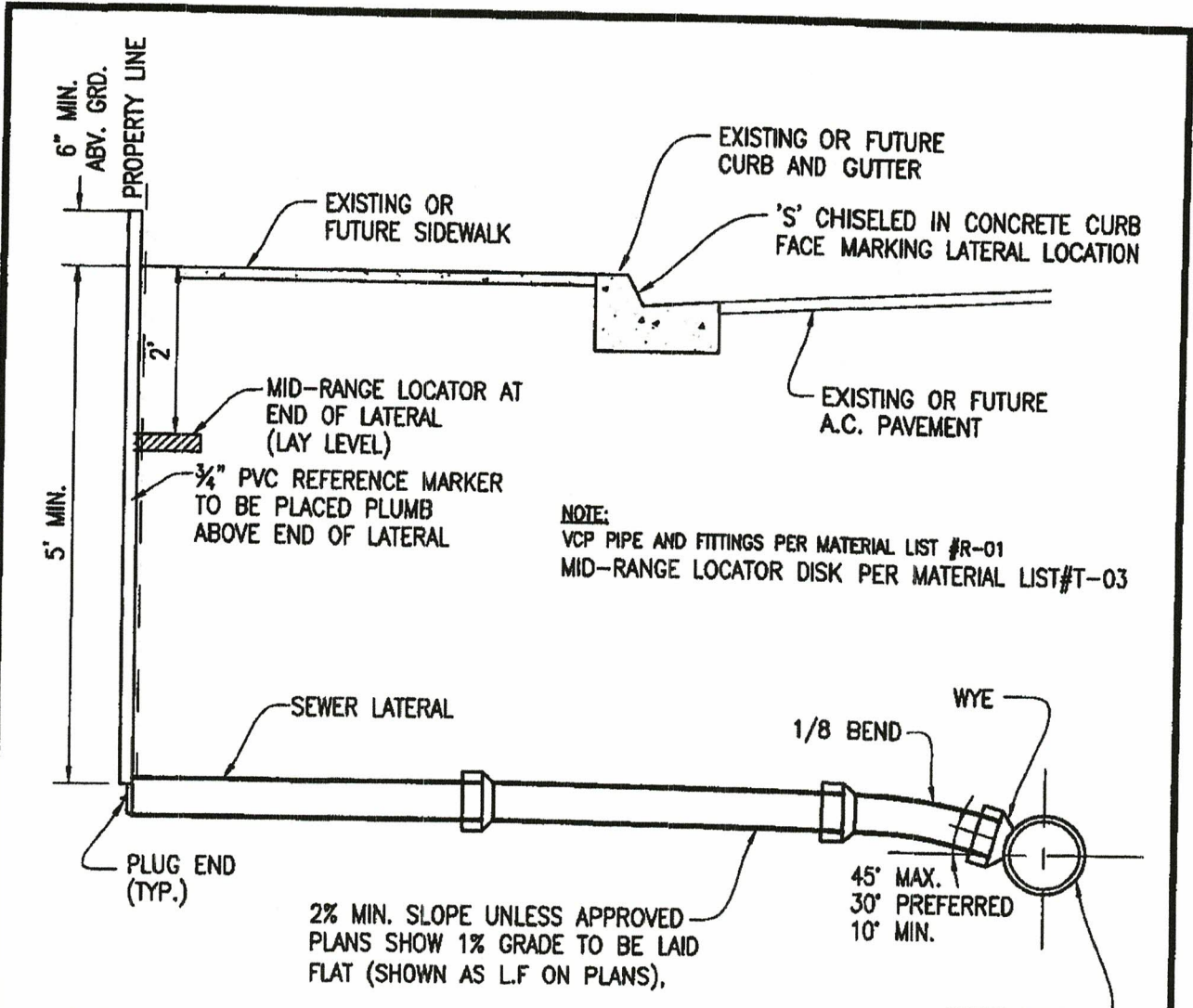
3/4" CRUSHED ROCK THOROUGHLY TAMPED.



SEWER  
PIPE BEDDING

Approved: *[Signature]*  
Arden Wallum  
General Manager  
Drawn: Heitec Inc. Date: 01/21/08  
DRAWING No.  
S-02A





NOTES:

1. 4" V.C.P. SHALL BE PROVIDED FOR ALL SINGLE-FAMILY DWELLING UNITS. 6" V.C.P. SHALL BE PROVIDED FOR ALL COMMERCIAL UNITS. MULTI-FAMILY UNITS SIZED PER PLAN, NO LATERALS OVER 6" WILL BE ALLOWED.
2. LATERAL LOCATIONS, AS NOTED ON THE 'AS-BUILT' PLANS, SHALL BE MEASURED AT RIGHT ANGLES TO STREET CENTERLINE, FROM THE CENTERLINE OF THE NEAREST DOWNSTREAM MANHOLE COVER, DEPTH FROM FINISH GRADE AND LENGTH AT THE END OF LATERAL AT CUSTOMERS' PROPERTY LINE.
3. CONTRACTOR SHALL REFERENCE EACH LATERAL IN THE FIELD WITH A SURFACE MARKER. MARKER SHALL BE A SCH 40 PVC MARKER LIST PLACED AT TIME OF BACKFILLING. MARKER SHALL BE INSTALLED VERTICAL, CUT OFF AT 6" MIN. ABOVE GRADE.
4. LATERAL SHALL BE INSTALLED AT A CONSTANT GRADE UNLESS SPECIFICALLY APPROVED BY THE MSWD INSPECTOR.

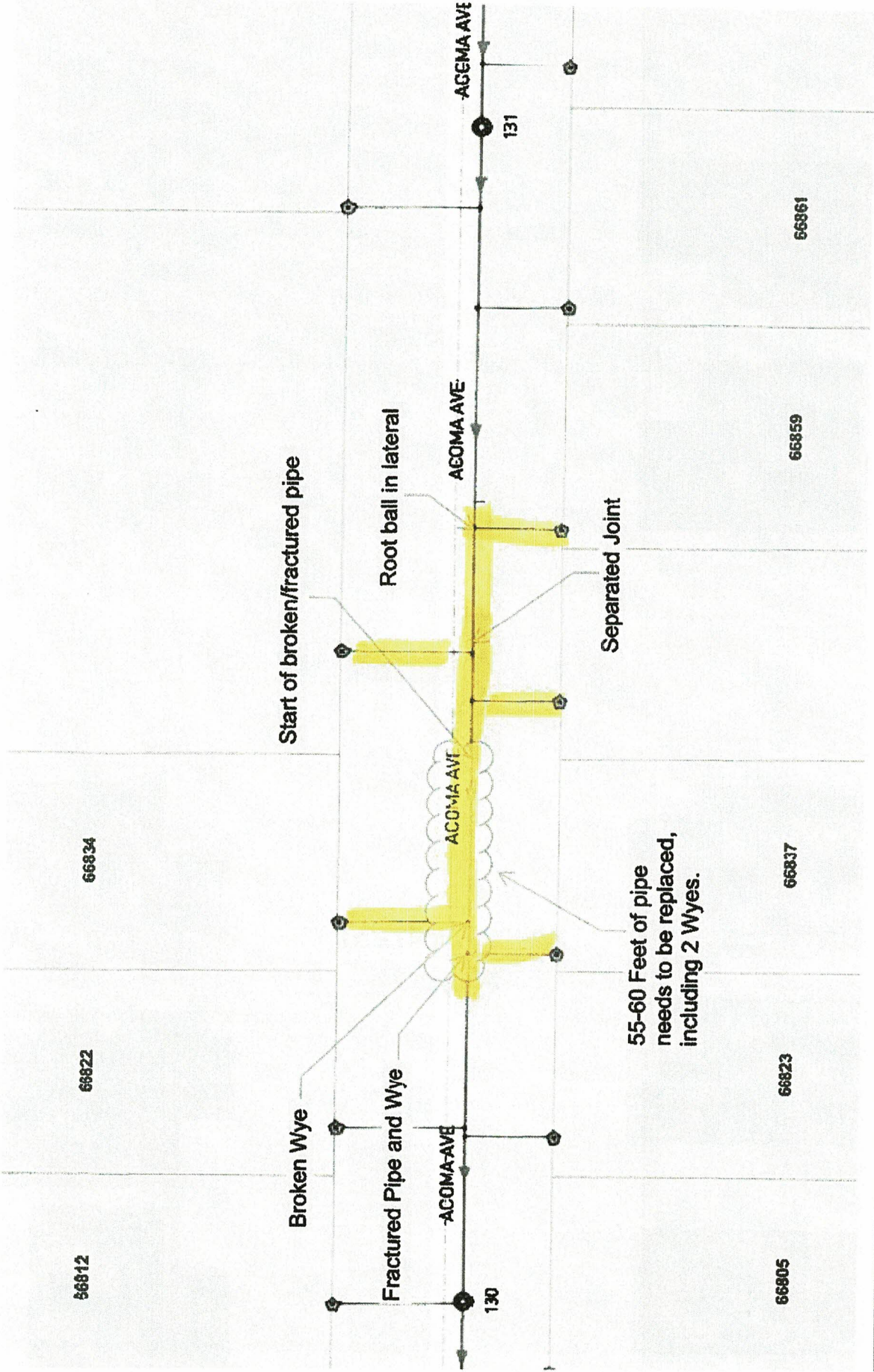



SEWER LATERAL

Approved: *[Signature]*  
 Arden Wallum  
 General Manager  
 Drawn: Heitec Inc. Date: 06/20/11  
 DRAWING No.  
 S-13

# Acoma Pipe Replacement

Item 11.



1" = 45 ft	Sub Title	02/23/2022	
<p>This map may represent a visual display of related geographic information. Data provided here on is not guarantee of actual field conditions. To be sure of complete accuracy, please contact the responsible staff for most up-to-date information.</p>			

## EXHIBIT C

### Term, Early Termination & Notice

#### Emergency Sewer Repairs – Acoma Ave. (Manhole No. 130-131)

##### **A. Term of Agreement**

This professional services agreement shall be effective upon approval by the parties thereof and shall expire upon forty-five (45) days from the effective Agreement DATE therein. This contract also terminates and replaces any previous agreements between the Mission Springs Water District and Tryco General Engineering for Emergency Sewer Repairs – Acoma Ave. (Manhole No. 130-131) in force prior to the effective date of this agreement.

##### **B. Early Termination of Agreement**

This agreement may be terminated at any time upon a thirty (30) day written Notice from either party, and without fault or claim for damages by either party.

##### **C. Notice**

All correspondence and Notices will be sent to the following addresses as noted below for Mission Springs Water District and Tryco General Engineering.

##### **OWNER**

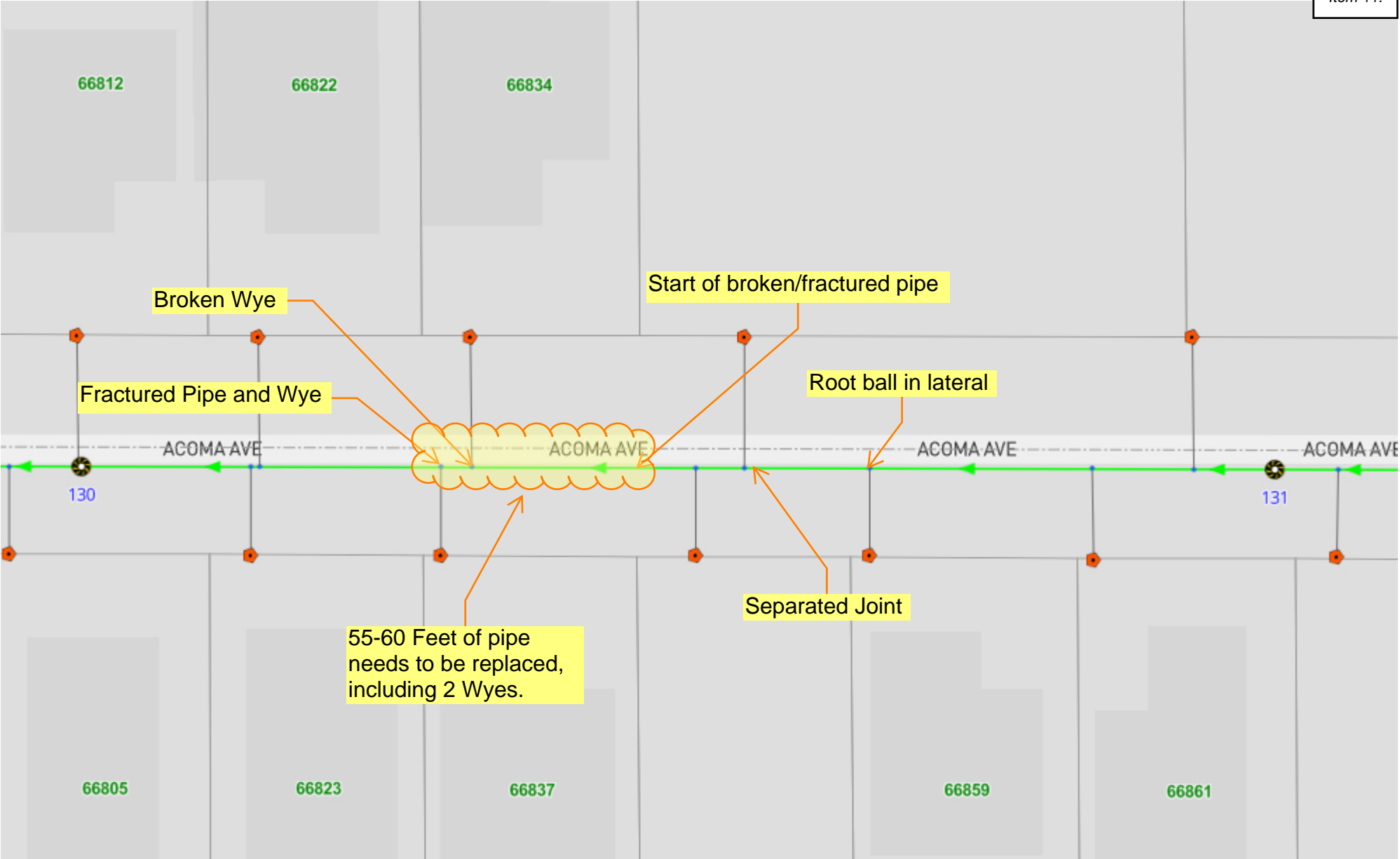
Attn: Brian Macy  
Mission Springs Water District  
66575 Second Street  
Desert Hot Springs, CA 92240

##### **CONSULTANT**

Attn: Try Kirtley  
Tryco General Engineering  
PO Box 391  
Rimforest, CA 92378

# Acoma Pipe Replacement

Item 11.



1" = 45 ft

Sub Title

02/23/2022



This map may represents a visual display of related geographic information. Data provided here on is not guarantee of acutual field conditions. To be sure of complete accuracy, please contact the responsible staff for most up-to-date information.



## BOARD OF DIRECTORS REGULAR MEETING STUDY SESSION MINUTES

Thursday, February 17, 2022, at 3:00 PM  
Via Teleconference – No Live Attendance

### CALL TO ORDER

President Martin called the meeting to order at 3:00 PM

### ROLL CALL

**BOARD MEMBERS PRESENT:** President Russ Martin, Vice President Nancy Wright, Director Randy Duncan, Director Ivan Sewell, Director Steve Grasha

**STAFF MEMBERS PRESENT:** Brian Macy, Amanda Lucas, Arturo Ceja, Bassam Alzammar, Brian Hendry, Danny Friend, Eric Weck, Marion Champion, Dori Petee, Kurt Kettenacker

### RULES OF PROCEDURE

**Rules of Procedure were ready by General Counsel, John Pinkney.**

*First all noticed meetings are conducted using Rosenberg’s Rules of Order as procedural guidance. Directors should refrain from responding directly to public comment at meetings of the Board. The President of the Board presides at all meetings and decides all points of order and procedure during meetings. The President is responsible for maintenance and decorum at all Board meetings. No persons shall be allowed to speak who is not first been recognized by the President. All questions and remarks should be addressed to the President as the presiding officer. No member of the Board should speak more than once upon any one subject until every other member on the Board, wishing to speak on the subject shall have been given the opportunity to speak. No Board member shall interfere with the orderly progress of a Board meeting. In order to ensure the orderly progress of Board meetings the Board President regulates the amount of time to be dedicated to a particular agenda item.”*

### PUBLIC INPUT

No public input.

### COVID-19 UPDATE

Asst. General Manager, Brian Macy gave a brief COVID update.

### EMPLOYEE RECOGNITION

### HUMAN RESOURCES REPORT

This item will be fully recognized on Tuesday.

### ACTION ITEMS

**\*\*ACTION TO BE TAKEN AT STUDY SESSION\*\***

**RESOLUTION 2022-02, A RESOLUTION OF THE BOARD OF DIRECTORS OF THE MISSION SPRINGS WATER DISTRICT, PROCLAIMING A LOCAL EMERGENCY PERSISTS, RE-RATIFYING THE PROCLAMATION OF A STATE OF EMERGENCY BY EXECUTIVE ORDER N-09-21 AND RE-AUTHORIZING REMOTE TELECONFERENCE MEETINGS OF THE LEGISLATIVE BODIES OF THE MISSION SPRINGS WATER**

**DISTRICT FOR THE PERIOD OF FEBRUARY 20, 2022 THROUGH MARCH 20, 2022.**

The Board approved Resolution 2022-02, continuing teleconference meetings for the period of February 20, 2022 through March 20, 2022.

Monthly item to continue remote teleconference meetings.

**Motion made by Vice President Wright, Seconded by Director Sewell.**

**Voting Yea:** President Martin, Vice President Wright, Director Duncan, Director Sewell, Director Grasha

**PUBLIC HEARING #2 (FEBRUARY 22, 2022) - TO RECEIVE PUBLIC INPUT ON THE REDISTRICTING OF MISSION SPRINGS WATER DISTRICT DIVISION BOUNDARIES**

Process and Public Input for adjustment of division boundaries.

General Counsel noted the demographer and one of his associates would be presenting/attending on Tuesday.

**AWARD THE ON-CALL WELL AND BOOSTER MAINTENANCE AND REPAIR SERVICES CONTRACT(S) WITH SOUTH WEST PUMP AND DRILLING INC., LEGEND PUMP AND WELL SERVICE INC., AND L.O. LYNCH QUALITY WELLS AND PUMPS, INC.**

It is recommended to authorize the General Manager to award and do all things necessary to complete the On-Call Booster and Well Maintenance and Repair Services contracts for the contractors listed above.

Mr. Macy noted the contractors were selected as a result of a Request for Proposal (RFP). This contract gives staff the flexibility to select one available contractor, at any given time, as necessary for repairs. If at any time, the repairs exceed the amount approved today, it will come back to the Board for approval.

**DISCUSSION ITEMS****MSWD REGIONAL WATER RECLAMATION FACILITY UPDATE**

Steve Ledbetter of TKE Engineering will provide an update on Tuesday.

**CRITICAL SERVICES CENTER AND ADMINISTRATIVE BUILDING UPDATE**

Representatives from Ruhanau Clarke Architects presented to the Board, site planning concepts, building floor plans, and design options. Staff asked the Board to give direction as to which option or options they are drawn to.

**ASSESSMENT DISTRICT & MSWD WEBSITE UPDATE**

Marion Champion gave an update on Assessment Districts and the MSWD website page that was recently added to keep customers up to date on their progress.

**CONSENT AGENDA****APPROVAL OF MINUTES**

It is recommended to approve the minutes as follows:

January 13, 2022 - Study Session  
January 18, 2022 - Board Meeting

**REGISTER OF DEMANDS**

The register of demands totaling \$1,476,626.79

**REPORTS**

**DIRECTOR'S REPORTS**

All Director’s reports will be given on Tuesday.

**GENERAL MANAGER'S REPORT**

Mr. Macy drew attention to the Executive Summary in the General Managers Report in the packet. He noted it highlighted how the district applied for, received and dispersed state funds for customers with past due balances due to the COVID-19 pandemic. He also noted that Staff attended a joint informational hearing on SGMA, MSWD provided written comments on issues here in the Coachella Valley with relation to SGMA.

Arturo Ceja gave a brief financial report for the period ending January 31, 2022.

Marion Champion gave a brief public relations update and showed the two (2) new videos in the video series.

**CORRESPONDENCE**

**THANK YOU, LETTER - FOOD NOW**

**COMMENTS**

**DISTRICT COUNSEL COMMENTS**

No closed session today

**DIRECTOR COMMENTS**

Director Duncan asked for clarification about the state money for arrearages.

Director Sewell thanked Carol Morin for her efforts on the Blood Drive.

**ADJOURN**

With no further business, President Martin adjourned the meeting at 4:45 PM

Respectfully,

---

Arden Wallum  
Secretary of the Board of Directors



## BOARD OF DIRECTORS REGULAR MEETING MINUTES

Tuesday, February 22, 2022, at 3:00 PM  
Via Teleconference – No Live Attendance

### CALL TO ORDER

President Martin called the meeting to order at 3:00 PM

### PLEDGE OF ALLEGIANCE

Led by President Martin, Invocation led by Vice President Wright.

### ROLL CALL

**BOARD MEMBERS PRESENT:** President Russ Martin, Vice President Nancy Wright, Director Randy Duncan, Director Ivan Sewell, Director Steve Grasha

**STAFF MEMBERS PRESENT:** April Scott, Bassam Alzammar, Brian Hendry, Danny Friend, Eric Weck, Jeff Nutter, Lee Boyer, Marion Champion, Robert Lopez, Sierra Boyle, Arden Wallum, Brian Macy, Dori Petee

### RULES OF PROCEDURE

**Rules of Procedure were ready by General Counsel, John Pinkney.**

*First all noticed meetings are conducted using Rosenberg’s Rules of Order as procedural guidance. Directors should refrain from responding directly to public comment at meetings of the Board. The President of the Board presides at all meetings and decides all points of order and procedure during meetings. The President is responsible for maintenance and decorum at all Board meetings. No persons shall be allowed to speak who is not first been recognized by the President. All questions and remarks should be addressed to the President as the presiding officer. No member of the Board should speak more than once upon any one subject until every other member on the Board, wishing to speak on the subject shall have been given the opportunity to speak. No Board member shall interfere with the orderly progress of a Board meeting. In order to ensure the orderly progress of Board meetings the Board President regulates the amount of time to be dedicated to a particular agenda item.”*

### PUBLIC INPUT

No public input.

### COVID-19 UPDATE

Nothing further to add.

## EMPLOYEE RECOGNITION

### HUMAN RESOURCES REPORT

The Board recognized the following employees:

**NEW HIRES:** Adrian Perea - Field Operator Technician I; Bryan Hendry - Accounting Manager and Eric Weck - Engineering Manager



**ANNIVERSARIES:** Michael Platt - Engineering Technician I - One (1) Year; Christopher Shanahan - Water Production Operator II – Two (2) Years; Rita Huber - Sr. Accounting Technician – Four (4) Years; Sierra Boyle - Customer Service Representative II – Five (5) Years; Oriana Hoffert - Human Resources Manager – Five (5) Years and Chris Jacobson - Wastewater Treatment Plant Operator II – Eighteen (18) Years.

**CERTIFICATIONS/EDUCATIONAL ACCOMPLISHMENTS:** Robert Lopez - Certificate Program in Purchasing.

### ACTION ITEMS

**\*\*ACTION TAKEN AT STUDY SESSION\*\***

**RESOLUTION 2022-02, A RESOLUTION OF THE BOARD OF DIRECTORS OF THE MISSION SPRINGS WATER DISTRICT, PROCLAIMING A LOCAL EMERGENCY PERSISTS, RE-RATIFYING THE PROCLAMATION OF A STATE OF EMERGENCY BY EXECUTIVE ORDER N-09-21 AND RE-AUTHORIZING REMOTE TELECONFERENCE MEETINGS OF THE LEGISLATIVE BODIES OF THE MISSION SPRINGS WATER DISTRICT FOR THE PERIOD OF FEBRUARY 20, 2022 THROUGH MARCH 20, 2022.**

The Board approved Resolution 2022-02, continuing teleconference meetings for the period of February 20, 2022 through March 20, 2022.

Item was approved at the February 17, 2022, Study Session.

**PUBLIC HEARING #2 (FEBRUARY 22, 2022) - TO RECEIVE PUBLIC INPUT ON THE REDISTRICTING OF MISSION SPRINGS WATER DISTRICT DIVISION BOUNDARIES**

Process and Public Input for adjustment of division boundaries.

President Martin announced the Public Hearing and called for the secretary's report;

*"Notice of Public Hearing was posted to the Desert Sun on February 4th and 11th, 2022. Additionally, public outreach campaigns, both paid and unpaid, were made on all of MSWD's social media channels notifying the public of today's hearing. As of this afternoon there have been no comments or protests on this item."*

Misty Calder of SBEMP gave the staff report; MSWD is in the process of having their maps redrawn to reflect the results of the latest census. First public hearing was December 20, 2021, to garner public input on the process. From there, demographer, David Ely created the draft maps for additional review by the public and the Board.

The demographer, David Ely,

President Martin called for Public Comment. There was no public input

General Counsel asked the Board to give direction on a map preference, due to there being no public input on the maps presented, legal may move ahead with creating the Ordinance that will be passed at the March Board Meeting. The Board gave notice that they are leaning towards option two (2).

**AWARD THE ON-CALL WELL AND BOOSTER MAINTENANCE AND REPAIR SERVICES CONTRACT(S) WITH SOUTH WEST PUMP AND DRILLING INC., LEGEND PUMP AND WELL SERVICE INC., AND L.O. LYNCH QUALITY WELLS AND PUMPS, INC.**

The Board authorized the General Manager to award and do all things necessary to complete the On-Call Booster and Well Maintenance and Repair Services contracts for the contractors listed above.

**Motion made by Vice President Wright, Seconded by Director Sewell.**

**Voting Yea:** President Martin, Vice President Wright, Director Duncan, Director Sewell, Director Grasha

## DISCUSSION ITEMS

### MSWD REGIONAL WATER RECLAMATION FACILITY UPDATE

Steve Ledbetter of TKE presented a brief update. Preconstruction meeting took place last month, with JS Shea. On schedule to break ground next month (March).

### CRITICAL SERVICES CENTER AND ADMINISTRATIVE BUILDING UPDATE

There are three different designs ready for Board review. Staff is planning a workshop to review in detail.

### ASSESSMENT DISTRICT & MSWD WEBSITE UPDATE

Nothing further to add

## CONSENT AGENDA

**Motion made by Vice President Wright, Seconded by Director Duncan.**

**Voting Yea:** President Martin, Vice President Wright, Director Duncan, Director Sewell, Director Grasha

### APPROVAL OF MINUTES

It is recommended to approve the minutes as follows:

January 13, 2022 - Study Session  
January 18, 2022 - Board Meeting

### REGISTER OF DEMANDS

The register of demands totaling \$1,476,626.79

## REPORTS

### DIRECTOR'S REPORTS

Vice President Wright reported she attended the following events; 2/10 CVCC & E&E Meetings (CVAG), 2/16 & 17 Urban Water Institute Conference

Director Duncan reported he attended the following events; 1/4 DWA Board Meeting, 1/11 CVWD Board Meeting, 1/18 DWA Board Meeting, 1/25 CVWD Board Meeting, 2/16 & 17 Urban Water Institute Conference & Board of Directors Meeting

President Martin reported he attended the following events; 1/6 DVBA Legislative Forum, 1/11 RivCo Board of Supervisors Meeting, 1/18 DHS City Council Meeting, 1/20 DVBA General Membership Meeting, 1/24 Cabot’s Museum Board Meeting, 1/25 RivCo Board of Supervisors Meeting

**GENERAL MANAGER'S REPORT**

Nothing further to add

**CORRESPONDENCE**

**THANK YOU LETTER - FOOD NOW**

**COMMENTS**

**DISTRICT COUNSEL COMMENTS**

General Counsel announced closed session on the following: CONFERENCE WITH LEGAL COUNSEL REGARDING SIGNIFICANT EXPOSURE TO LITIGATION - pursuant to Government Code Section 54956.9(d)(2) and/or (3) (One potential case related to a threat of litigation by Coachillin Holdings, LLC)

**DIRECTOR COMMENTS**

Director Sewell requested a workshop on the Customer Portal.

Director Duncan addressed an article/post on social media regarding the California Water and Wastewater Arrearage Payment Program made by Director Grasha. He (Director Grasha) made claims that MSWD acted at his direction. Director Duncan clarified this was a group effort spearheaded by the General Manager.

**CLOSED SESSION**

**CONFERENCE WITH LEGAL COUNSEL REGARDING SIGNIFICANT EXPOSURE TO LITIGATION**

pursuant to Government Code Section 54956.9(d)(2) and/or (3)  
(One potential case related to a threat of litigation by Coachillin Holdings, LLC)

**REPORT ON ACTION TAKEN DURING CLOSED SESSION**

No reportable action taken.

**ADJOURN**

With no further action, President Martin adjourned the meeting at 5:05 PM.

Respectfully,

---

Arden Wallum  
Secretary of the Board of Directors

CHECK NUMBER	CHECK DATE	PAID TO VENDOR	DISBURSEMENT DESCRIPTION	OPERATING	CAPITAL	TOTAL
9997622	02-01-22	US BANK CORPORATE TRUST SERVICES	AD#13 COUNTY FUND	281,980.04		281,980.04
74019	02-03-22	CITY OF DESERT HOT SPRINGS	UUTAX - DEC. 2021 COLLECTION/SS1	182,626.27		182,626.27
74137	02-17-22	SOUTHERN CALIFORNIA EDISON COMPANY	ELECTRIC BILL - HORTON/DESERT CREST/DILLON LIFT	150,032.57		150,032.57
			ELECTRIC BILL - LOW NORTHRIDGE/WELL 33/WELL 29			
			ELECTRIC BILL - WELL 25/WELL 25A/WELL 26/WELL 26A			
9997936	02-25-22	WELLS FARGO BANK	AUTO DEP PPE 02.18	111,842.78		111,842.78
9997746	02-11-22	WELLS FARGO BANK	AUTO DEP PPE 02.04	110,359.50		110,359.50
74092	02-17-22	ACWA-JPIA HEALTH BENEFITS AUTH.	MARCH 2022 MEDICAL/VISION/EAP	88,730.35		88,730.35
74083	02-11-22	STATE WATER RES CONTRL BRD	MONITORING FEES - PSC & WPSV	61,178.96		61,178.96
			MONITORING FEES FOR MSWD SYSTEM			
			WV RECLAMATION PERMIT FEE			
9997747	02-11-22	WELLS FARGO BANK	FED TAX DEP PPE 02.04.22	47,537.99		47,537.99
9997937	02-25-22	WELLS FARGO BANK	FED TAX DEP PPE 02.18.22	47,365.07		47,365.07
74143	02-17-22	TKE ENGINEERING, INC	C&M INSPECTION SERVICES	14,477.50	31,460.00	45,937.50
			CONSULTANT DESIGN SERVICES			
			CONSULTANT SERVICES - NOV. 2021			
			NOV.2021 DESIGN SERVICES			
			PHASE III CONSULTANT SERVICES			
			PROGRESS PAYMENT #10			
9997934	02-17-22	SLOVAK BARON EMPEY MURPHY & PINKNEY LLP	LEGAL SERVICES	43,255.00		43,255.00
74098	02-17-22	CITY OF DESERT HOT SPRINGS	UU TAX - DECEMBER 2021	33,196.11		33,196.11
9997676	02-03-22	CALIF PUBLIC EMPLOYEES RETIREMENT SYSTEM	PERS PPE 01.21.22	29,202.17		29,202.17
9997873	02-15-22	CALIF PUBLIC EMPLOYEES RETIREMENT SYSTEM	PERS PPE 02.04	29,023.20		29,023.20
9997631	02-02-22	SLOVAK BARON EMPEY MURPHY & PINKNEY LLP	LEGAL SERVICES WIRE	28,241.00		28,241.00
74038	02-03-22	STATE WATER RES CONTRL BRD	ANNUAL PERMIT FEE WWTP	27,233.00		27,233.00
			PERMIT FEE FOR FACILITY 4DW0531			
74128	02-17-22	NOBEL SYSTEMS INC.	UNIDATA SERVICE PROJECT SETUP COST	24,800.00		24,800.00
74139	02-17-22	STURDIVAN EMERGENCY MANAGEMENT	AWIA - RISK RESILIENCE COMPLIANCE	0.00	23,500.00	23,500.00
74146	02-17-22	TULE RANCH/MAGAN FARMS	DEC 2021 SLUDGE HAULING	22,972.21		22,972.21
74022	02-03-22	CV STRATEGIES	DEC.21 GENERAL COMMUNICATION	18,581.25		18,581.25
			SOCIAL MEDIA			
			VIDEO SERIES 21/22			
74021	02-03-22	CORE & MAIN LP	GASKETS	17,408.37		17,408.37
9997939	02-25-22	LINCOLN NATIONAL LIFE INS CO	DEF COMP PPE 02.18	13,732.82		13,732.82
9997749	02-11-22	LINCOLN NATIONAL LIFE INS CO	DEF COMP PPE 02.04	13,695.36		13,695.36
9997710	02-01-22	USDA RURAL DEVELOPMENT	USDA LOAN PYMT INT./PRINCIPLE	13,432.75		13,432.75
74025	02-03-22	GOUGH SYSTEMS	UNIDATA MAINTENANCE	2,225.00	8,150.00	10,375.00
74106	02-17-22	ENTERPRISE FM TRUST	JANUARY 2022 MONTHLY FLEET LEASE PAYMENT	9,968.43		9,968.43
74086	02-11-22	UMETECH, INC.	IT SERVICES	8,581.09		8,581.09
9997748	02-11-22	STATE OF CA EDD	STATE TAX DEP PPE 02.04	8,046.98		8,046.98
9997938	02-25-22	STATE OF CA EDD	STATE TAX PPE 02.18	8,000.90		8,000.90
74016	02-03-22	CARL OTTESON'S CERTIFIED BACKFLOW	JAN. 22 BACKFLOW TESTING	7,320.00		7,320.00
74097	02-17-22	ARCARO'S AUTO BODY REPAIR, INC.	VEHICLE #421 DAMAGE REPAIR	7,316.04		7,316.04
74069	02-11-22	KOFF & ASSOCIATES, INC.	MSWD - CLASS COMP	0.00	7,120.00	7,120.00
74136	02-17-22	SO CAL LAND MAINTENANCE, INC.	FEB. 2022 - MONTHLY LANDSCAPE	6,275.00		6,275.00
74031	02-03-22	OPERATIONAL TECHNICAL SERVICES	TEMP STAFFING	6,120.00		6,120.00
			TEMP STAFFING - D.PADILLA			

CHECK NUMBER	CHECK DATE	PAID TO VENDOR	DISBURSEMENT DESCRIPTION	OPERATING	CAPITAL	TOTAL
74129	02-17-22	OPERATIONAL TECHNICAL SERVICES	TEMP STAFFING	6,120.00		6,120.00
74054	02-11-22	DANGELO COMPANY	MANHOLE COVER AND FRAME	5,942.09		5,942.09
74042	02-11-22	AECOM TECHNICAL SERVICES INC.	REVISED PUMP SPEC	0.00	5,912.00	5,912.00
74113	02-17-22	INLAND WATER WORKS SUPPLY CO.	GATE VALVE	4,999.60		4,999.60
74127	02-17-22	MUROW DEVELOPMENT CONSULTANTS	PROGRESS PAYMENT 3 - WELL 24 ELECTRICAL	0.00	4,922.50	4,922.50
			PROGRESS PAYMENT 4 - WELL 24 ELECTRICAL			
74134	02-17-22	RAY LOPEZ ASSOCIATES	LANDSCAPE INSPECTIONS	4,591.46		4,591.46
74080	02-11-22	SOUTHERN CALIFORNIA EDISON COMPANY	ELECTRIC BILL	4,349.05		4,349.05
74068	02-11-22	KAMAN INDUSTRIAL TECHNOLOGIES	PILLOW BLOCK	4,297.30		4,297.30
			REPLACEMENT BEARING FOR AERATOR #2			
9997935	02-18-22	WELLS FARGO BANK	C.SHANAHAN FINAL PAYROLL	4,189.39		4,189.39
74089	02-11-22	VERIZON WIRELESS	JAN. 2022 VERIZON BILL	4,100.40		4,100.40
74024	02-03-22	FORSHOCK	SCADA UPGRADES TO IDE	0.00	4,048.87	4,048.87
74017	02-03-22	CARPI & CLAY. INC	JAN.22 FEDERAL ADVOCACY	4,000.00		4,000.00
74101	02-17-22	CYPRESS DENTAL ADMINISTRATORS	MARCH 2022 PREPAID	3,955.73		3,955.73
74112	02-17-22	INFOSEND INC	MONTHLY BILLING	3,891.71		3,891.71
			MONTHLY SERVICE FEE + EBILLS			
74100	02-17-22	COVE ELECTRIC, INC.	ENGINEERING ANNEX CABLES SETUP	0.00	3,873.00	3,873.00
74126	02-17-22	MICHAEL BAKER INTERNATIONAL, INC.	C&M SERVICES ENDING 12.31.21	0.00	3,635.00	3,635.00
74133	02-17-22	POLYDYNE, INC.	2 TOTES POLYMER SLUDGE WASTING	3,590.98		3,590.98
74023	02-03-22	EXECUTIVE FACILITIES SERVICES, INC.	JAN. 2022 DISINFECTION SERVICES	3,464.58		3,464.58
			JAN. 2022 JANITORIAL SERVICES			
74071	02-11-22	MANPOWER US INC.	STAFFING SERVICES	3,028.18		3,028.18
74048	02-11-22	CASAMAR GROUP, LLC	WELL 42/ DESERT WILLOWS LINE REPLACEMENT	0.00	2,940.12	2,940.12
PR020122	02-01-22	EMPLOYEES	PAPER PAYROLL CHECKS	2,559.60		2,559.60
74081	02-11-22	SOUTHERN CALIFORNIA FLEET SERVICES, INC.	FLEET REPAIRS	2,478.97		2,478.97
74030	02-03-22	ON POWER INDUSTRIES, LLC	LOAD TEST @ TREATMENT PLANT	2,350.00		2,350.00
74099	02-17-22	COLANTUONO, HIGHSMITH & WHATLEY, PC	LEGAL CONSULTING SERVICES	2,326.00		2,326.00
74026	02-03-22	INLAND WATER WORKS SUPPLY CO.	BREAK OFF BOLT/NUT SET	2,249.23		2,249.23
			DIRECTIONAL VALVE BOX			
74028	02-03-22	MCMaster-CARR	3/8 COPPER TUBING	2,237.32		2,237.32
			BRASS FITTINGS			
			BUSHINGS/BRASS CAPS/BRASS PLUGS			
			CREDIT FOR REQ#113617			
			STAINLESS STEEL TUBING			
74035	02-03-22	SOUTHWEST PLUMBING, INC.	SMOKE TEST	1,613.08		1,613.08
			SNAKE AND CLEAN PLUMBING			
74020	02-03-22	CLINICAL LABORATORY OF SAN BERNARDINO	DEC. 2021 LAB SERVICES	1,574.00		1,574.00
74104	02-17-22	EDWARD PERPLIES	ACCOUNT REFUND 10911 WEST DR	1,481.68		1,481.68
74040	02-03-22	WATERLINE TECHNOLOGIES INC.	5 DRUMS REFILLED	1,462.82		1,462.82
74147	02-17-22	WATERLINE TECHNOLOGIES INC.	5 DRUMS REFILLED	1,462.82		1,462.82
74107	02-17-22	FERGUSON WATERWORKS #1083	MTR. BUSH JONES	1,460.01		1,460.01
74141	02-17-22	T4 SPATIAL, LLC	CCTV STORAGE - FEB. 2022	1,250.00		1,250.00
74110	02-17-22	HOME DEPOT CREDIT SERVICES	HOME DEPOT CC	1,190.90		1,190.90
74036	02-03-22	SOUTHERN CALIFORNIA FLEET SERVICES, INC.	FLEET REPAIRS	1,177.21		1,177.21
74125	02-17-22	MARISELA GONZALES	ACCOUNT REFUND 66940 FLORA AVE	1,150.68		1,150.68
74055	02-11-22	DESERT VALLEY DISPOSAL, INC.	JAN. 22 ADMIN BLDG SERVICE CHARGES	1,138.48		1,138.48

CHECK NUMBER	CHECK DATE	PAID TO VENDOR	DISBURSEMENT DESCRIPTION	OPERATING	CAPITAL	TOTAL
74072	02-11-22	MATHESON TRI-GAS, INC	JAN. 22 CORP YARD SERVICE CHARGES 3DZ SAFETY ANTI-FOG GLASSES N95 MASKS FOR STAFF XXL NITRILE GLOVES FOR WW	1,133.91		1,133.91
PR021122	02-11-22	EMPLOYEES	PAPER PAYROLL CHECKS	1,029.49		1,029.49
74085	02-11-22	THE PC MANAGER LLC	C.LOPEZ NEW PC/R.HUBER CABLE	0.00	972.26	972.26
74088	02-11-22	USA BLUEBOOK	CONTROL CABLE FOR GRUNDFOS PUMPS GRUNDFOS PUMP FOR PRODUCTION ITEMS FOR HORTON PLANT	919.16		919.16
74132	02-17-22	PHILLIPS, FRACTOR & COMPANY, LLC	LEGAL CONSULTING SERVICES	787.50		787.50
74149	02-17-22	WEST COAST SAND AND GRAVEL INC.	52 TONS BASE MATERIALS FOR CORP YARD	773.96		773.96
74135	02-17-22	SECOND OPPORTUNITY OF AMERICA LLC	ACCOUNT REFUND 66070 4TH ST	762.15		762.15
74014	02-03-22	ANSAFONE CONTACT CENTERS	ANSAFONE ANSWERING SERVICE	760.78		760.78
74084	02-11-22	THE VAN DYKE CORPORATION	ACCOUNT REFUND FLORA AVE & VIA LORETO	720.27		720.27
74015	02-03-22	ARAMARK UNIFORM SERVICES, LLC	UNIFORM SERVICES 01.11.22 UNIFORM SERVICES 01.18.22	686.66		686.66
74018	02-03-22	CASEY DOLAN	DIGITAL AD MGMT/CONSULTING	650.00		650.00
74029	02-03-22	O'REILLY AUTOMOTIVE, INC.	40 TUBES GREASE FOR HORTON PLANT FUEL LINE FOR C&M UNIT 385 REPLACEMENT BATTERY UNIT 418 BATTERY REPLACEMENT	561.68		561.68
74037	02-03-22	STAPLES	OFFICE SUPPLIES	546.83		546.83
74041	02-03-22	WESTERN PUMP INC	HOSE LEAK ON PUMP #2	513.13		513.13
74062	02-11-22	FORSHOCK	SCADA TRAINING AND REPAIRS	512.50		512.50
74027	02-03-22	MAGIK ENTERPRISES, INC.	INSTALL DUAL GLAZE WINDOW	474.00		474.00
74091	02-11-22	WHITE CAP CONSTRUCTION SUPPLY	RESTOCK BLUE MARKING PAINT	438.48		438.48
74059	02-11-22	FARMER BROS. CO	ADMIN COFFEE	415.17		415.17
74114	02-17-22	JAMES ALMARAZ	ACCOUNT REFUND 64543 BRAEBURN AVE	396.00		396.00
74090	02-11-22	WEST COAST SAND AND GRAVEL INC.	26 TONS BASE MATERIAL FOR CORP YARD	388.63		388.63
74057	02-11-22	EISENHOWER OCCUPATIONAL HEALTH SERVICES	PRE-EMPLOYMENT PHYSICALS	380.00		380.00
74151	02-17-22	XEROX CORPORATION	JAN 2022 COPY SERVICE	375.63		375.63
73779	02-08-22	FIRST SERVICE RESIDENTIAL	LOST IN MAIL	-350.00		-350.00
74061	02-11-22	FIRST SERVICE RESIDENTIAL	CARPOT REPAIR	350.00		350.00
74044	02-11-22	ARAMARK UNIFORM SERVICES, LLC	UNIFORM SERVICES	339.46		339.46
74131	02-17-22	PEDRO MARTINEZ, JR.	ACCOUNT REFUND 66969 3RD ST	336.45		336.45
74093	02-17-22	ALLEN & DORTHA HARRIS LIVING TRUST	ACCOUNT REFUND 66135 1ST ST	316.98		316.98
74032	02-03-22	PALM SPRINGS PEST CONTROL, INC.	PEST CONTROL	310.00		310.00
74145	02-17-22	TRANSFORM KM, LLC	ACCOUNT REFUND 14011 PALM DR "A"	302.37		302.37
74144	02-17-22	TOPS N BARRICADES, INC	30" BLUE SURVEY FLAGS L BOMBER SAFETY JACKET ORANGE SAFETY JACKETS	296.37		296.37
74052	02-11-22	CWEA	C.JACOBSON CWEA MEMBERSHIP DUES/RENEWAL	288.00		288.00
74094	02-17-22	ALLEN & DORTHA HARRIS LIVING TRUST	ACCOUNT REFUND 66145 1ST ST	271.31		271.31
74108	02-17-22	GARY SIMON	ACCOUNT REFUND 9574 VIA REAL	270.73		270.73
74051	02-11-22	CLINICAL LABORATORY OF SAN BERNARDINO	DEC. 2021 BOD TESTING	270.00		270.00
74043	02-11-22	AIR & HOSE SOURCE INC.	REPLACEMENT SPRAY WANDS/SPRAY GUNS	258.01		258.01
74034	02-03-22	SO CAL GAS	DEC. 2021 GAS BILL	246.53		246.53

CHECK NUMBER	CHECK DATE	PAID TO VENDOR	DISBURSEMENT DESCRIPTION	OPERATING	CAPITAL	TOTAL
74063	02-11-22	GOT SAFETY,LLC	SAFETY TRAINING	239.97		239.97
74070	02-11-22	LORENZO JESSE SOTO	L. SOTO BOOT REIMB.	239.24		239.24
74078	02-11-22	REINALDO LEON	ACCOUNT REFUND 64386 EAGLE MOUNTAIN AVE	222.41		222.41
74124	02-17-22	MANPOWER US INC.	STAFFING SERVICES	191.40		191.40
74047	02-11-22	BRINKS INCORPORATED	MONTHLY SERVICES	187.95		187.95
74074	02-11-22	MISCHELLE AVALOS	ACCOUNT REFUND 66805 DESERT VIEW AVE	165.69		165.69
74150	02-17-22	WIENHOFF DRUG TESTING	M.GOMEZ - PREEMPLOYMENT TEST AND ADD TO PROGRAM.	165.00		165.00
74049	02-11-22	CHRIS FREEMAN	ACCOUNT REFUND 16420 AVE MIROLA	163.07		163.07
74056	02-11-22	DESERT HOT SPRINGS WOMENS CLUB	DHS WOMEN CLUB SPONSORHIP	150.00		150.00
74152	02-17-22	YOLANDA/HARRY WINBUSH	ACCOUNT REFUND 65910 AVE BARONA	147.36		147.36
74066	02-11-22	JAMES & RHONNIE SPOHN	ACCOUNT REFUND 13425 JULIAN DR	134.66		134.66
74119	02-17-22	JOHN O'MALLEY	ACCOUNT REFUND 66186 MISSION LAKES BLVD	121.07		121.07
74103	02-17-22	DOLORES BUSK	ACCOUNT REFUND 10375 SAN MIGUEL RD	118.83		118.83
74123	02-17-22	LEUNG MEI SHAN	ACCOUNT REFUND 66099 3RD ST	118.59		118.59
74142	02-17-22	TIME WARNER CABLE	CABLE BILL - GM'S OFFICE/KITCHEN	116.79		116.79
74050	02-11-22	CHRISTOPHER JACOBSON	C.JACOBSON BOOT REIMB.	106.08		106.08
74118	02-17-22	JOHN O'MALLEY	ACCOUNT REFUND 66921 SAN RAFAEL DR "B"	104.10		104.10
74064	02-11-22	GRAINGER	GREASE ON LEVER HANDLE	94.34		94.34
74039	02-03-22	THE UPS STORE #5062	SHIPPING CHARGES FOR BERKELEY SPRINGS	88.74		88.74
			SHIPPING CHARGES FOR MASTER METER			
74053	02-11-22	DAISY PALMA	ACCOUNT REFUND 16042 AVE MERCED	74.97		74.97
74095	02-17-22	ANGELA RAMOS	ACCOUNT REFUND 67968 WHITNEY CT	69.07		69.07
74075	02-11-22	PEGGY BLUE	ACCOUNT REFUND 64194 EAGLE MOUNTAIN AVE	66.97		66.97
74138	02-17-22	SOUTHSIDE NEIGHBORHOOD STABILIZATION 202	ACCOUNT REFUND 13405 HERMANO WAY	66.81		66.81
			1-3			
74121	02-17-22	KILLER BEE PEST CONTROL	PEST CONTROL	65.00		65.00
74060	02-11-22	FEDEX	OVERNIGHT TO FIRST AMERICAN TITLE	63.49		63.49
74096	02-17-22	ANNETTE VERILLO COLEMAN TRUSTEES	ACCOUNT REFUND 65095 NORTH CLIFF CIR	61.53		61.53
74117	02-17-22	JOHN O'MALLEY	ACCOUNT REFUND 66921 SAN RAFAEL DR "A"	60.19		60.19
74115	02-17-22	JEFF/JULIE MARSH	ACCOUNT REFUND 65119 ROLLING HILLS DR	57.96		57.96
74102	02-17-22	DAVID EVANS	ACCOUNT REFUND 12246 POMELO DR	51.36		51.36
74105	02-17-22	ELENA FIGUEROA	ACCOUNT REFUND 8824 SILVER STAR AVE	49.31		49.31
74111	02-17-22	HULDA E KREISS	ACCOUNT REFUND 11700 MESQUITE AVE	48.16		48.16
74033	02-03-22	PARKERS BUILDING SUPPLY	SHUT OFF VALVE FOR CUSTOMER	42.32		42.32
			WATER SHUT OFF VALVE			
74140	02-17-22	SUZETTE COHEN	ACCOUNT REFUND 66061 14TH ST	41.26		41.26
74087	02-11-22	USA-FACT INC	C.FINCH BACKGROUND CHECK	39.52		39.52
74082	02-11-22	STAPLES	CHAIR MAT FOR HORTON PLANTS	36.62		36.62
74073	02-11-22	MIGUEL GOMEZ	ACCOUNT REFUND 54015 KIMDALE DR	36.37		36.37
74130	02-17-22	PARKERS BUILDING SUPPLY	ANNEX TOILET REPAIR	36.37		36.37
			MATERIAL TO REPAIR F.H.			
74120	02-17-22	JOSEPH SULE	ACCOUNT REFUND 13650 MONTEREY RD	36.26		36.26
74065	02-11-22	ISELA VEGA-SOTO	ACCOUNT REFUND 13425 RAMONA DR	27.65		27.65
74067	02-11-22	JESUS ALANIZ	ACCOUNT REFUND 16800 AVE RAMBLA	21.82		21.82
74058	02-11-22	EMILIANO MENDIOLA	ACCOUNT REFUND 15072 AVE MANZANA	19.26		19.26
74077	02-11-22	PLANIT REPROGRAPHICS	SCANS OF DCDA PLANS	19.00		19.00
74122	02-17-22	LAURA WALTER	ACCOUNT REFUND 12368 REDBUD RD	17.84		17.84





CHECK NUMBER	CHECK DATE	PAID TO VENDOR	DISBURSEMENT DESCRIPTION	OPERATING	CAPITAL	TOTAL

CHECK NUMBER	CHECK DATE	PAID TO VENDOR	DISBURSEMENT DESCRIPTION	OPERATING	CAPITAL	TOTAL
73255	02-14-22	JESSE VELA	LOST IN MAIL	-17.09		-17.09
73779	02-08-22	FIRST SERVICE RESIDENTIAL	LOST IN MAIL	-350.00		-350.00
74014	02-03-22	ANSAFONE CONTACT CENTERS	ANSAFONE ANSWERING SERVICE	760.78		760.78
74015	02-03-22	ARAMARK UNIFORM SERVICES, LLC	UNIFORM SERVICES 01.11.22	686.66		686.66
			UNIFORM SERVICES 01.18.22			
74016	02-03-22	CARL OTTESON'S CERTIFIED BACKFLOW	JAN. 22 BACKFLOW TESTING	7,320.00		7,320.00
74017	02-03-22	CARPI & CLAY. INC	JAN.22 FEDERAL ADVOCACY	4,000.00		4,000.00
74018	02-03-22	CASEY DOLAN	DIGITAL AD MGMT/CONSULTING	650.00		650.00
74019	02-03-22	CITY OF DESERT HOT SPRINGS	UUTAX - DEC. 2021 COLLECTION/SS1	182,626.27		182,626.27
74020	02-03-22	CLINICAL LABORATORY OF SAN BERNARDINO	DEC. 2021 LAB SERVICES	1,574.00		1,574.00
74021	02-03-22	CORE & MAIN LP	GASKETS	17,408.37		17,408.37
74022	02-03-22	CV STRATEGIES	DEC.21 GENERAL COMMUNICATION	18,581.25		18,581.25
			SOCIAL MEDIA			
			VIDEO SERIES 21/22			
74023	02-03-22	EXECUTIVE FACILITIES SERVICES, INC.	JAN. 2022 DISINFECTION SERVICES	3,464.58		3,464.58
			JAN. 2022 JANITORIAL SERVICES			
74024	02-03-22	FORSHOCK	SCADA UPGRADES TO IDE	0.00	4,048.87	4,048.87
74025	02-03-22	GOUGH SYSTEMS	UNIDATA MAINTENANCE	2,225.00	8,150.00	10,375.00
74026	02-03-22	INLAND WATER WORKS SUPPLY CO.	BREAK OFF BOLT/NUT SET	2,249.23		2,249.23
			DIRECTIONAL VALVE BOX			
74027	02-03-22	MAGIK ENTERPRISES, INC.	INSTALL DUAL GLAZE WINDOW	474.00		474.00
74028	02-03-22	MCMMASTER-CARR	3/8 COPPER TUBING	2,237.32		2,237.32
			BRASS FITTINGS			
			BUSHINGS/BRASS CAPS/BRASS PLUGS			
			CREDIT FOR REQ#113617			
			STAINLESS STEEL TUBING			
74029	02-03-22	O'REILLY AUTOMOTIVE, INC.	40 TUBES GREASE FOR HORTON PLANT	561.68		561.68
			FUEL LINE FOR C&M			
			UNIT 385 REPLACEMENT BATTERY			
			UNIT 418 BATTERY REPLACEMENT			
74030	02-03-22	ON POWER INDUSTRIES, LLC	LOAD TEST @ TREATMENT PLANT	2,350.00		2,350.00
74031	02-03-22	OPERATIONAL TECHNICAL SERVICES	TEMP STAFFING	6,120.00		6,120.00
			TEMP STAFFING - D.PADILLA			
74032	02-03-22	PALM SPRINGS PEST CONTROL, INC.	PEST CONTROL	310.00		310.00
74033	02-03-22	PARKERS BUILDING SUPPLY	SHUT OFF VALVE FOR CUSTOMER	42.32		42.32
			WATER SHUT OFF VALVE			
74034	02-03-22	SO CAL GAS	DEC. 2021 GAS BILL	246.53		246.53
74035	02-03-22	SOUTHWEST PLUMBING, INC.	SMOKE TEST	1,613.08		1,613.08
			SNAKE AND CLEAN PLUMBING			
74036	02-03-22	SOUTHERN CALIFORNIA FLEET SERVICES, INC.	FLEET REPAIRS	1,177.21		1,177.21
74037	02-03-22	STAPLES	OFFICE SUPPLIES	546.83		546.83
74038	02-03-22	STATE WATER RES CONTRL BRD	ANNUAL PERMIT FEE WWTP	27,233.00		27,233.00
			PERMIT FEE FOR FACILITY 4DW0531			
74039	02-03-22	THE UPS STORE #5062	SHIPPING CHARGES FOR BERKELEY SPRINGS	88.74		88.74
			SHIPPING CHARGES FOR MASTER METER			
74040	02-03-22	WATERLINE TECHNOLOGIES INC.	5 DRUMS REFILLED	1,462.82		1,462.82
74041	02-03-22	WESTERN PUMP INC	HOSE LEAK ON PUMP #2	513.13		513.13

CHECK NUMBER	CHECK DATE	PAID TO VENDOR	DISBURSEMENT DESCRIPTION	OPERATING	CAPITAL	TOTAL
74042	02-11-22	AECOM TECHNICAL SERVICES INC.	REVISED PUMP SPEC	0.00	5,912.00	5,912.00
74043	02-11-22	AIR & HOSE SOURCE INC.	REPLACEMENT SPRAY WANDS/SPRAY GUNS	258.01		258.01
74044	02-11-22	ARAMARK UNIFORM SERVICES, LLC	UNIFORM SERVICES	339.46		339.46
74045	02-11-22	BEVERLY GERMAIN	ACCOUNT REFUND 69370 POOLSIDE DR	9.35		9.35
74046	02-11-22	BRENDA REED	ACCOUNT REFUND 15705 VIA VISTA	13.63		13.63
74047	02-11-22	BRINKS INCORPORATED	MONTHLY SERVICES	187.95		187.95
74048	02-11-22	CASAMAR GROUP, LLC	WELL 42/ DESERT WILLOWS LINE REPLACEMENT	0.00	2,940.12	2,940.12
74049	02-11-22	CHRIS FREEMAN	ACCOUNT REFUND 16420 AVE MIROLA	163.07		163.07
74050	02-11-22	CHRISTOPHER JACOBSON	C.JACOBSON BOOT REIMB.	106.08		106.08
74051	02-11-22	CLINICAL LABORATORY OF SAN BERNARDINO	DEC. 2021 BOD TESTING	270.00		270.00
74052	02-11-22	CWEA	C.JACOBSON CWEA MEMBERSHIP DUES/RENEWAL	288.00		288.00
74053	02-11-22	DAISY PALMA	ACCOUNT REFUND 16042 AVE MERCED	74.97		74.97
74054	02-11-22	DANGELO COMPANY	MANHOLE COVER AND FRAME	5,942.09		5,942.09
74055	02-11-22	DESERT VALLEY DISPOSAL, INC.	JAN. 22 ADMIN BLDG SERVICE CHARGES	1,138.48		1,138.48
			JAN. 22 CORP YARD SERVICE CHARGES			
74056	02-11-22	DESERT HOT SPRINGS WOMENS CLUB	DHS WOMEN CLUB SPONSORHIP	150.00		150.00
74057	02-11-22	EISENHOWER OCCUPATIONAL HEALTH SERVICES	PRE-EMPLOYMENT PHYSICALS	380.00		380.00
74058	02-11-22	EMILIANO MENDIOLA	ACCOUNT REFUND 15072 AVE MANZANA	19.26		19.26
74059	02-11-22	FARMER BROS. CO	ADMIN COFFEE	415.17		415.17
74060	02-11-22	FEDEX	OVERNIGHT TO FIRST AMERICAN TITLE	63.49		63.49
74061	02-11-22	FIRST SERVICE RESIDENTIAL	CARPORT REPAIR	350.00		350.00
74062	02-11-22	FORSHOCK	SCADA TRAINING AND REPAIRS	512.50		512.50
74063	02-11-22	GOT SAFETY,LLC	SAFETY TRAINING	239.97		239.97
74064	02-11-22	GRAINGER	GREASE ON LEVER HANDLE	94.34		94.34
74065	02-11-22	ISELA VEGA-SOTO	ACCOUNT REFUND 13425 RAMONA DR	27.65		27.65
74066	02-11-22	JAMES & RHONNIE SPOHN	ACCOUNT REFUND 13425 JULIAN DR	134.66		134.66
74067	02-11-22	JESUS ALANIZ	ACCOUNT REFUND 16800 AVE RAMBLA	21.82		21.82
74068	02-11-22	KAMAN INDUSTRIAL TECHNOLOGIES	PILLOW BLOCK	4,297.30		4,297.30
			REPLACEMENT BEARING FOR AERATOR #2			
74069	02-11-22	KOFF & ASSOCIATES, INC.	MSWD - CLASS COMP	0.00	7,120.00	7,120.00
74070	02-11-22	LORENZO JESSE SOTO	L. SOTO BOOT REIMB.	239.24		239.24
74071	02-11-22	MANPOWER US INC.	STAFFING SERVICES	3,028.18		3,028.18
74072	02-11-22	MATHESON TRI-GAS, INC	3DZ SAFETY ANTI-FOG GLASSES	1,133.91		1,133.91
			N95 MASKS FOR STAFF			
			XXL NITRILE GLOVES FOR WW			
74073	02-11-22	MIGUEL GOMEZ	ACCOUNT REFUND 54015 KIMDALE DR	36.37		36.37
74074	02-11-22	MISCHELLE AVALOS	ACCOUNT REFUND 66805 DESERT VIEW AVE	165.69		165.69
74075	02-11-22	PEGGY BLUE	ACCOUNT REFUND 64194 EAGLE MOUNTAIN AVE	66.97		66.97
74076	02-11-22	PEGGY ROWAN	ACCOUNT REFUND 64263 PYRENESS AVE	7.64		7.64
74077	02-11-22	PLANIT REPROGRAPHICS	SCANS OF DCDA PLANS	19.00		19.00
74078	02-11-22	REINALDO LEON	ACCOUNT REFUND 64386 EAGLE MOUNTAIN AVE	222.41		222.41
74079	02-11-22	SELECT PORTFOLIO SERVICING, INC.	ACCOUNT REFUND 15613 AVE RAMBLA	7.72		7.72
74080	02-11-22	SOUTHERN CALIFORNIA EDISON COMPANY	ELECTRIC BILL	4,349.05		4,349.05
74081	02-11-22	SOUTHERN CALIFORNIA FLEET SERVICES, INC.	FLEET REPAIRS	2,478.97		2,478.97
74082	02-11-22	STAPLES	CHAIR MAT FOR HORTON PLANTS	36.62		36.62
74083	02-11-22	STATE WATER RES CONTRL BRD	MONITORING FEES - PSC & WPSV	61,178.96		61,178.96
			MONITORING FEES FOR MSWD SYSTEM			

CHECK NUMBER	CHECK DATE	PAID TO VENDOR	DISBURSEMENT DESCRIPTION	OPERATING	CAPITAL	TOTAL
			WV RECLAMATION PERMIT FEE			
74084	02-11-22	THE VAN DYKE CORPORATION	ACCOUNT REFUND FLORA AVE & VIA LORETO	720.27		720.27
74085	02-11-22	THE PC MANAGER LLC	C.LOPEZ NEW PC/R.HUBER CABLE	0.00	972.26	972.26
74086	02-11-22	UMETECH, INC.	IT SERVICES	8,581.09		8,581.09
74087	02-11-22	USA-FACT INC	C.FINCH BACKGROUND CHECK	39.52		39.52
74088	02-11-22	USA BLUEBOOK	CONTROL CABLE FOR GRUNDFOS PUMPS	919.16		919.16
			GRUNDFOS PUMP FOR PRODUCTION			
			ITEMS FOR HORTON PLANT			
74089	02-11-22	VERIZON WIRELESS	JAN. 2022 VERIZON BILL	4,100.40		4,100.40
74090	02-11-22	WEST COAST SAND AND GRAVEL INC.	26 TONS BASE MATERIAL FOR CORP YARD	388.63		388.63
74091	02-11-22	WHITE CAP CONSTRUCTION SUPPLY	RESTOCK BLUE MARKING PAINT	438.48		438.48
74092	02-17-22	ACWA-JPIA HEALTH BENEFITS AUTH.	MARCH 2022 MEDICAL/VISION/EAP	88,730.35		88,730.35
74093	02-17-22	ALLEN & DORTHA HARRIS LIVING TRUST	ACCOUNT REFUND 66135 1ST ST	316.98		316.98
74094	02-17-22	ALLEN & DORTHA HARRIS LIVING TRUST	ACCOUNT REFUND 66145 1ST ST	271.31		271.31
74095	02-17-22	ANGELA RAMOS	ACCOUNT REFUND 67968 WHITNEY CT	69.07		69.07
74096	02-17-22	ANNETTE VERILLO COLEMAN TRUSTEES	ACCOUNT REFUND 65095 NORTH CLIFF CIR	61.53		61.53
74097	02-17-22	ARCARO'S AUTO BODY REPAIR, INC.	VEHICLE #421 DAMAGE REPAIR	7,316.04		7,316.04
74098	02-17-22	CITY OF DESERT HOT SPRINGS	UU TAX - DECEMBER 2021	33,196.11		33,196.11
74099	02-17-22	COLANTUONO, HIGHSMITH & WHATLEY, PC	LEGAL CONSULTING SERVICES	2,326.00		2,326.00
74100	02-17-22	COVE ELECTRIC, INC.	ENGINEERING ANNEX CABLES SETUP	0.00	3,873.00	3,873.00
74101	02-17-22	CYPRESS DENTAL ADMINISTRATORS	MARCH 2022 PREPAID	3,955.73		3,955.73
74102	02-17-22	DAVID EVANS	ACCOUNT REFUND 12246 POMELO DR	51.36		51.36
74103	02-17-22	DOLORES BUSK	ACCOUNT REFUND 10375 SAN MIGUEL RD	118.83		118.83
74104	02-17-22	EDWARD PERPLIES	ACCOUNT REFUND 10911 WEST DR	1,481.68		1,481.68
74105	02-17-22	ELENA FIGUEROA	ACCOUNT REFUND 8824 SILVER STAR AVE	49.31		49.31
74106	02-17-22	ENTERPRISE FM TRUST	JANUARY 2022 MONTHLY FLEET LEASE PAYMENT	9,968.43		9,968.43
74107	02-17-22	FERGUSON WATERWORKS #1083	MTR. BUSH JONES	1,460.01		1,460.01
74108	02-17-22	GARY SIMON	ACCOUNT REFUND 9574 VIA REAL	270.73		270.73
74109	02-17-22	GARY S K SHELDON	ACCOUNT REFUND 13924 AVENIDA LA VISTA	4.66		4.66
74110	02-17-22	HOME DEPOT CREDIT SERVICES	HOME DEPOT CC	1,190.90		1,190.90
74111	02-17-22	HULDA E KREISS	ACCOUNT REFUND 11700 MESQUITE AVE	48.16		48.16
74112	02-17-22	INFOSEND INC	MONTHLY BILLING	3,891.71		3,891.71
			MONTHLY SERVICE FEE + EBILLS			
74113	02-17-22	INLAND WATER WORKS SUPPLY CO.	GATE VALVE	4,999.60		4,999.60
74114	02-17-22	JAMES ALMARAZ	ACCOUNT REFUND 64543 BRAEBURN AVE	396.00		396.00
74115	02-17-22	JEFF/JULIE MARSH	ACCOUNT REFUND 65119 ROLLING HILLS DR	57.96		57.96
74116	02-17-22	JESSE VELA	ACCOUNT REFUND 9023 SILVER STAR AVE	17.09		17.09
74117	02-17-22	JOHN O'MALLEY	ACCOUNT REFUND 66921 SAN RAFAEL DR "A"	60.19		60.19
74118	02-17-22	JOHN O'MALLEY	ACCOUNT REFUND 66921 SAN RAFAEL DR "B"	104.10		104.10
74119	02-17-22	JOHN O'MALLEY	ACCOUNT REFUND 66186 MISSION LAKES BLVD	121.07		121.07
74120	02-17-22	JOSEPH SULE	ACCOUNT REFUND 13650 MONTEREY RD	36.26		36.26
74121	02-17-22	KILLER BEE PEST CONTROL	PEST CONTROL	65.00		65.00
74122	02-17-22	LAURA WALTER	ACCOUNT REFUND 12368 REDBUD RD	17.84		17.84
74123	02-17-22	LEUNG MEI SHAN	ACCOUNT REFUND 66099 3RD ST	118.59		118.59
74124	02-17-22	MANPOWER US INC.	STAFFING SERVICES	191.40		191.40
74125	02-17-22	MARISELA GONZALES	ACCOUNT REFUND 66940 FLORA AVE	1,150.68		1,150.68
74126	02-17-22	MICHAEL BAKER INTERNATIONAL, INC.	C&M SERVICES ENDING 12.31.21	0.00	3,635.00	3,635.00

CHECK NUMBER	CHECK DATE	PAID TO VENDOR	DISBURSEMENT DESCRIPTION	OPERATING	CAPITAL	TOTAL
74127	02-17-22	MUROW DEVELOPMENT CONSULTANTS	PROGRESS PAYMENT 3 - WELL 24 ELECTRICAL	0.00	4,922.50	4,922.50
			PROGRESS PAYMENT 4 - WELL 24 ELECTRICAL			
74128	02-17-22	NOBEL SYSTEMS INC.	UNIDATA SERVICE PROJECT SETUP COST	24,800.00		24,800.00
74129	02-17-22	OPERATIONAL TECHNICAL SERVICES	TEMP STAFFING	6,120.00		6,120.00
74130	02-17-22	PARKERS BUILDING SUPPLY	ANNEX TOILET REPAIR	36.37		36.37
			MATERIAL TO REPAIR F.H.			
74131	02-17-22	PEDRO MARTINEZ, JR.	ACCOUNT REFUND 66969 3RD ST	336.45		336.45
74132	02-17-22	PHILLIPS, FRACTOR & COMPANY, LLC	LEGAL CONSULTING SERVICES	787.50		787.50
74133	02-17-22	POLYDYNE, INC.	2 TOTES POLYMER SLUDGE WASTING	3,590.98		3,590.98
74134	02-17-22	RAY LOPEZ ASSOCIATES	LANDSCAPE INSPECTIONS	4,591.46		4,591.46
74135	02-17-22	SECOND OPPORTUNITY OF AMERICA LLC	ACCOUNT REFUND 66070 4TH ST	762.15		762.15
74136	02-17-22	SO CAL LAND MAINTENANCE, INC.	FEB. 2022 - MONTHLY LANDSCAPE	6,275.00		6,275.00
74137	02-17-22	SOUTHERN CALIFORNIA EDISON COMPANY	ELECTRIC BILL - HORTON/DESERT CREST/DILLON LIFT	150,032.57		150,032.57
			ELECTRIC BILL - LOW NORTHRIDGE/WELL 33/WELL 29			
			ELECTRIC BILL - WELL 25/WELL 25A/WELL 26/WELL 26A			
74138	02-17-22	SOUTHSIDE NEIGHBORHOOD STABILIZATION 202 1-3	ACCOUNT REFUND 13405 HERMANO WAY	66.81		66.81
74139	02-17-22	STURDIVAN EMERGENCY MANAGEMENT	AWIA - RISK RESILIENCE COMPLIANCE	0.00	23,500.00	23,500.00
74140	02-17-22	SUZETTE COHEN	ACCOUNT REFUND 66061 14TH ST	41.26		41.26
74141	02-17-22	T4 SPATIAL, LLC	CCTV STORAGE - FEB. 2022	1,250.00		1,250.00
74142	02-17-22	TIME WARNER CABLE	CABLE BILL - GM'S OFFICE/KITCHEN	116.79		116.79
74143	02-17-22	TKE ENGINEERING, INC	C&M INSPECTION SERVICES	14,477.50	31,460.00	45,937.50
			CONSULTANT DESIGN SERVICES			
			CONSULTANT SERVICES - NOV. 2021			
			NOV.2021 DESIGN SERVICES			
			PHASE III CONSULTANT SERVICES			
			PROGRESS PAYMENT #10			
74144	02-17-22	TOPS N BARRICADES, INC	30" BLUE SURVEY FLAGS	296.37		296.37
			L BOMBER SAFETY JACKET			
			ORANGE SAFETY JACKETS			
74145	02-17-22	TRANSFORM KM, LLC	ACCOUNT REFUND 14011 PALM DR "A"	302.37		302.37
74146	02-17-22	TULE RANCH/MAGAN FARMS	DEC 2021 SLUDGE HAULING	22,972.21		22,972.21
74147	02-17-22	WATERLINE TECHNOLOGIES INC.	5 DRUMS REFILLED	1,462.82		1,462.82
74148	02-17-22	WAYNE CLEFF	ACCOUNT REFUND 64835 SANDERLING CT	16.94		16.94
74149	02-17-22	WEST COAST SAND AND GRAVEL INC.	52 TONS BASE MATERIALS FOR CORP YARD	773.96		773.96
74150	02-17-22	WIENHOFF DRUG TESTING	M.GOMEZ - PREEMPLOYMENT TEST AND ADD TO PROGRAM.	165.00		165.00
74151	02-17-22	XEROX CORPORATION	JAN 2022 COPY SERVICE	375.63		375.63
74152	02-17-22	YOLANDA/HARRY WINBUSH	ACCOUNT REFUND 65910 AVE BARONA	147.36		147.36
9997622	02-01-22	US BANK CORPORATE TRUST SERVICES	AD#13 COUNTY FUND	281,980.04		281,980.04
9997631	02-02-22	SLOVAK BARON EMPY MURPHY & PINKNEY LLP	LEGAL SERVICES WIRE	28,241.00		28,241.00
9997676	02-03-22	CALIF PUBLIC EMPLOYEES RETIREMENT SYSTEM	PERS PPE 01.21.22	29,202.17		29,202.17
9997710	02-01-22	USDA RURAL DEVELOPMENT	USDA LOAN PYMT INT./PRINCIPLE	13,432.75		13,432.75
9997746	02-11-22	WELLS FARGO BANK	AUTO DEP PPE 02.04	110,359.50		110,359.50
9997747	02-11-22	WELLS FARGO BANK	FED TAX DEP PPE 02.04.22	47,537.99		47,537.99
9997748	02-11-22	STATE OF CA EDD	STATE TAX DEP PPE 02.04	8,046.98		8,046.98
9997749	02-11-22	LINCOLN NATIONAL LIFE INS CO	DEF COMP PPE 02.04	13,695.36		13,695.36
9997873	02-15-22	CALIF PUBLIC EMPLOYEES RETIREMENT SYSTEM	PERS PPE 02.04	29,023.20		29,023.20



CHECK NUMBER	CHECK DATE	PAID TO VENDOR	DISBURSEMENT DESCRIPTION	OPERATING	CAPITAL	TOTAL



**Bella Vista Elementary School**  
65-750 Ave. Jalisco  
Desert Hot Springs, CA 92240  
(760)251-7244

---

*PSUSD \*Superintendent\* Michael Swize, \*Principal\* Lisa Arseo \*Asst. Principal\* Mardi Hagar*

---

March 2, 2022

Dear Mission Springs Water,

On behalf of the Bella Vista Elem, we would like to thank you for the donation of cases of water. Your donation will help with our annual school Track Meet here at Bella Vista. You truly make a difference for us, and we are extremely grateful. Here at Bella Vista Elementary School, we tell our students every day to be respectful, be responsible, and be safe.

TAX ID# 52-1527179

Thank you,

Bella Vista Elementary School

A handwritten signature in black ink that reads "Lucas Arseo". The signature is written in a cursive, flowing style.

**BELLA VISTA ELEMENTARY SCHOOL**  
**65750 AVENIDA JALISCO**  
**DESERT HOT SPRINGS, CA 92240**



3/7/22

## CARRIRI HOMES LLC,

PO.BOX # 312 DESERT

HOT SPRINGS CA, 92240

TELL; (442 )243 · 6295

ORODESERT1@GMAIL.COM

### THIS IS A LETTER OF COMMENDATION TO THE CUSTOMER SERVICE DESK

MY NAME : HAROUT ISTIFANIAN

COMPANY NAME : CARRIRI HOMES LLC ,

YOU HAVE DEMONSTRATED CONSISTENCY OF HIGH QUALITY SERVICE.

EVERY TIME WE HAVE CALLED, YOU HAVE DEMONSTRATED WITH KIND AND RESPECTFUL MANNER AS A BUILDER AND A CUSTOMER WE HIGHLY VALUE SUCH A QUALITY

THANK YOU TO THE MANAGMENT TO HAVE SUCH A QUALITY PERSON TO HELP US MOVE FORWARD IN BUILDING HOUSES . THANK YOU .

SINCERELY YOURS :

HAROUT ISTIFANIAN

3/7/22

CARRIRI HOMES LLC,

PO.BOX # 312 DESERT

HOT SPRINGS CA, 92240

TELL; (442 )243 · 6295

ORODESERT1@GMAIL.COM

**THIS IS A LETTER OF COMMENDATION**

**ON BEHALF OF : JEANIE D . BAVER & AMY BARROW**

**AT : ENGINEERING DEPARTMENT**

**MY NAME : HAROUT ISTIFANIAN**

**COMPANY NAME : CARRIRI HOMES LLC ,**

I BUILD HOUSES IN ( SAN BERNARDINO COUNTY ) . THIS WAS THE FIRST TIME I HAVE FINISHED BUILDING A HOUSE HERE IN ( DHS ) . AND NOW PLANNING TO START THE SECOUND ONE .

AS A BUILDER WE HAVE SO MANY THINGS TO WORRY ABOUT UNTIL THE PROJECT IS COMPLETED .

ITS BEEN AMZING EXPERENCE TO WORK WITH

( JEANIE & AMY AT ENGINEERING DEPARTMENT )

THEY CONTINUE TO IMPRESSED US BY THERE :

( KIND ) ( SUPPORTIVE ) AND ( QUICK ) TO RESPOND OVER AND OVER

TO MAKE THINGS EASIER .

AS A BUILDER WE VALUE AND APPRECIATE SUCH A SEERVICE ON BELALF OF THE WATER COMPANY . SUCH A INDIVIDUALS ARE A IMPORTANT ASSET TO YOUR COMPAMY IT IS IMPORTANT TO RECOGNIZE SUCH INDIVIDUALS CONTINUED AFFORT .

THANK YOU TO ( MISSION SPRINGS WATER DISTRICT ) AND THE MANAGMENT TO HAVE SUCH A QUALITY PERSONS TO HELP US

**MOVE FORWARD IN BUILDING HOUSES . THANK YOU , TO  
( MANAGEMENT DEPARTMENT ) ( ERIC AND LUIZ )**

**SINCERELY YOURS :**

**HAROUT ISTIFANIAN**

# AGENDA REPORT

REGULAR BOARD MEETINGS MARCH 17 & 21, 2022

## DIRECTOR REPORTS

### DIRECTOR REPORTS

(Per GC 53232.3(d) brief reports on meetings attended for which a daily stipend was claimed)

Date	Event	Attendees
2/1/22	DHS CITY COUNCIL MEETING	MARTIN
2/1/22	DWA BOARD MEETING	DUNCAN
2/3/22	DVBA LEGISLATIVE MEETING	MARTIN
2/8/22	RIVCO BOARD OF SUPERVISORS MEETING	MARTIN
2/8/22	CVWD BOARD MEETING	DUNCAN
2/9/22	DVBA PUBLIC WORKS WEBINAR	MARTIN
2/15/22	DWA BOARD MEETING	DUNCAN
2/15/22	DHS CITY COUNCIL MEETING	MARTIN
2/16 – 17/22	URBAN WATER INSTITUTE CONFENCE	MARTIN, DUNCAN, WRIGHT
2/24/22	DVBA BOARD INSTALLATION	MARTIN

### (OTHER) MEETINGS ATTENDED (no daily stipend was claimed)

Date	Event	Attendees
2/23/22	TRIBAL WATER AUTHORITY MEETING	MARTIN



# General Manager's Report March 2022



## Table of Contents

**ADMINISTRATION ..... 1**

    Customer Service Department..... 1

    Finance and Accounting Department ..... 3

    Innovation and Technology Department..... 5

    Purchasing Department..... 7

**ENGINEERING AND OPERATIONS..... 8**

    Engineering Department..... 8

    Operations & Maintenance..... 9

    Water Resources ..... 22

**PUBLIC AFFAIRS..... 24**

APPENDIX A - Federal Update from Carpi & Clay

APPENDIX B – Wastewater and Water Production Tables

APPENDIX C – Public Affairs Information

## ADMINISTRATION

### Customer Service Department

#### Disconnections Due to Non-Payment

After suspending disconnections over the past two years due to the COVID-19 pandemic, MSWD is announcing that it will resume disconnection of past due accounts beginning in April 2022. To avoid disconnection, customers who have past due balances are strongly encouraged to contact the District before March 31, 2022, to set up a payment plan and learn about available assistance programs. To assist residential and commercial customers with past due balances related to COVID-19, the District applied for and received funds from the California Water and Wastewater Arrearage Payment Program to cover past due drinking water balances that were accrued between March 4, 2020, and June 15, 2021.

#### Customer Bill Assistance Programs

The United Way Customer Bill Assistance Program continues to be utilized by those customers who have been impacted the most by the COVID-19 pandemic, assisting 48 customers the second quarter of this fiscal year (October 1, 2021 – December 31, 2021). This number will be updated for the first quarter of 2022 in the April report.

United Lift has assisted customers by paying \$27,118.28 on customer accounts during February 2022.

Riverside County's CARE Program has not been utilized by any customers since July 1, 2021.

As a result of these programs, customer assistance has totaled \$81,107.53 since July 1, 2021.

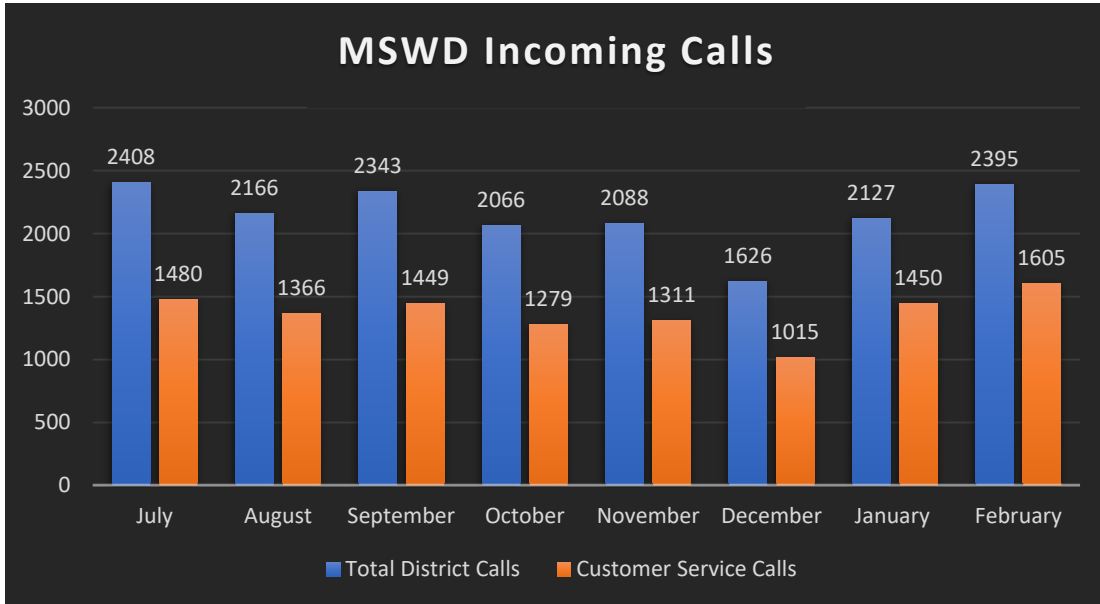
#### Customer Portal Update

Vertex One/WaterSmart integration continues. The PayNearMe payment portal is in progress as part of the portal integration. Once completed, the District can launch the portal to the public. The expected launch timeframe is May 1, 2022.



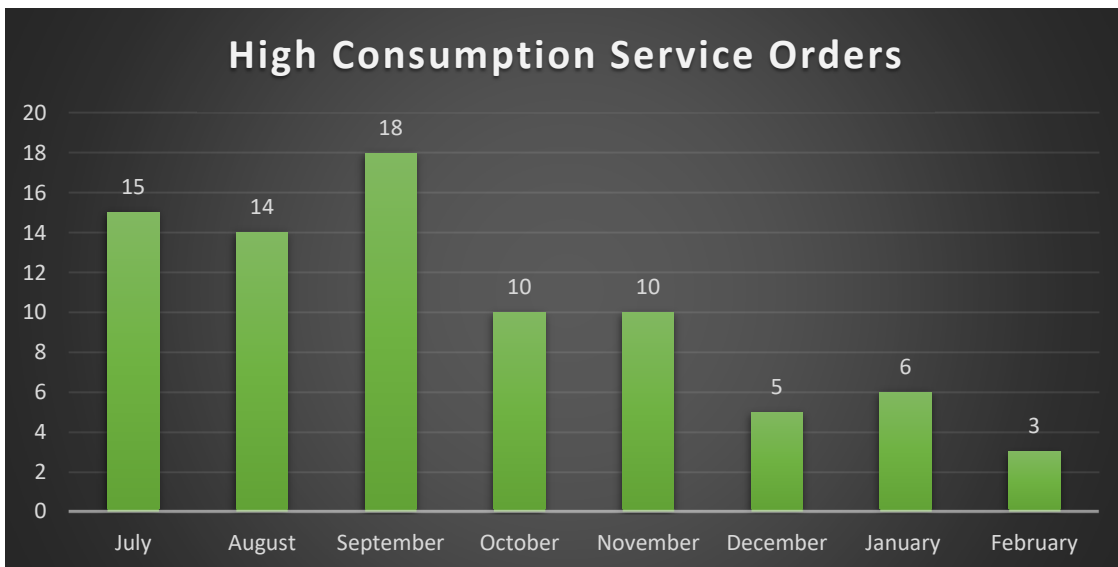
**Calls into the Customer Service Department**

The District is seeing an increase in the number of calls. Most calls are related to delinquency letters received, payment plans, bill assistance information, demand/lien release requests, new property start/stop service, and account balance requests. The chart below represents MSWD incoming calls and those received by the Customer Service staff.



**High Bill Investigation Requests Versus 13,430 Accounts**

Field Customer Service identified 29 high to urgent level leaks via Neptune 360 reports throughout February 2022. This is one of the reasons the District is consistently seeing less high bill service orders. The District has been identifying and calling customers when tracking the high consumption alerts.





### **Lobby Open by Appointment Only and COVID-19 Response**

As part of the COVID-19 response, the MSWD lobby continues to be open by appointment only. The District had three appointments in February 2022 to assist customers in person.

MSWD Customer Service Representatives continue to assist our customers with minimal disruption. Staff continues to find creative ways to assist those customers who may have unique requests including those customers who do not have internet access.

- All Customer Service staff is working in office with distancing
- All Field Service Technicians are working to serve customers in individual trucks
- Applications available on MSWD.org
- Mailing paper applications to customers that are unable or uncomfortable with online processes

### **Ways to Pay Bills**

MSWD Customer Service continues to provide customers multiple options for bill payment.

- Customers can drop payments (check or money order) in the drop box
- Customers can pay at 7-11 or Walmart in Desert Hot Springs, and must have their bills present
- Payment Portal on MSWD.org
- Customers can call in and pay through the IVR system, or with Customer Service Representative assistance
- Paypal option through Paymentus

### **Finance and Accounting Department**

The Finance and Accounting Department continues to work with its vendors to complete the yearly and necessary tasks to meet State and Federal reporting requirements and the strategic goals established by the MSWD Board of Directors. Below are project highlights and summaries for February 2022.

#### **Current Work Priorities**

Staff continues to work with the front office to ensure that all deposits are correctly classified and posted properly to customer accounts or elsewhere in the General Ledger.

Finance staff continues work with the front office on the implementation of the PayNearMe integration with the new customer portal.

Staff continues work with other departments to encourage proper documentation of funds prior to sending them to the front office for deposit, such as the job number it pertains to.

Staff is performing reconciliation and analysis of SCE invoices going back to 2018 to show how much the solar farm is contributing to the General Fund. Staff has been netting it against the expense prior to this fiscal year.

Finance staff is working with IT staff to create workflows in Laserfiche, including overtime requests, budget transfer requests, job number requests, and time off requests. Some are still in development, but many are currently being used. Workflows create an automated approval process along with the proper documentation that our auditors want to see. It also automatically stores the form along with all the approval documentation.

Finance staff continues to work with Administration, Engineering, and Construction and Maintenance staff on reimbursable jobs. Several new reimbursable job numbers were given out and were either started or are about to be started.

- Fire hydrant relocation – Stemmer Development
- Well 35C completion
- Well 34C rehabilitation
- 18-inch intertie line

Finance staff began testing a new Wells Fargo program where the bank makes all the payments on behalf of the District saving time and resources.

The new Accounting Manager continues to train and become familiar with the District operations.

The Director of Finance and Accounting continues to work with the auditors to finalize the June 30, 2021, audit and will present it to the Board in March 2022. There were many delays due to the COVID-19 pandemic restrictions on face-to-face meetings. Additionally, the District lost the Director of Administrative Services at the beginning of the audit, while the accounting firm lost their lead auditor in December 2021.

The Director of Finance and Accounting, along with the IT Manager, participated in two meetings with ACWA-JPIA on the requirements to submit the 2022-2023 cyber security insurance application that is due in March 2022.

### **Budget**

The Director of Finance and Accounting conducted a training for managers in preparation for this year's budgeting process. There will be more training sessions to follow.

Budget transfers for the month of February 2022 amounted to \$84,672.50.

## Payroll

Finance staff is currently reconciling all PERS amounts withheld and paid by the District to ensure that all COLA adjustments and Retro Pay for merit increases have been properly included for all employees.

## Cash

Total cash receipts for the month of February 2022 amounted to \$1,077,925.31, with \$920,088.03 in customer payments.

A debt payment was made to the USDA loan in the amount of \$13,432.75 on February 1, 2022.

Cash disbursements for the month of February 2022 amounted to \$1,702,040.00, with the largest payments going to:

- \$281,980.04 to Century Village Property Tax Collected for AD #13
- \$226,391.67 to Net Payroll
- \$215,822.44 to the City of Desert Hot Springs
- \$150,032.57 to Southern California Edison
- \$88,730.35 to ACWA-JPIA Health Benefits
- \$88,411.96 to the State Water Resources Control Board

## Other

We are happy to report that the entire Finance and Accounting Department participated in the February 10, 2022, blood donation event.

## Innovation and Technology Department

The Innovation and Technology Department (IT) continues to work with staff and vendors to achieve technological enhancement and meet innovation goals established by the MSWD Board of Directors. Below are project highlights and summaries for February 2022.

### Cybersecurity Improvements

Staff continues to work with security professionals to protect MSWD infrastructure from cyber-attacks and penetrations. Currently, IT is working on the following items related to cybersecurity:

- District network continues to go through a microsegmentation. Microsegmentation is a method of creating zones in data centers and cloud environments to isolate workloads from one another and secure them individually
- Cloud backups are being upgraded with stricter password and device policies
- District staff continue to utilize a security monitoring service to protect the District firewalls from penetration

- Computers and servers continue to be upgraded
- Desktop and laptop or “office/remote users” are being migrated to only laptops to reduce the number of access points into the District’s infrastructure

### **SharePoint Migration and Setup Employee Intranet**

District staff is reviewing the file structure and naming convention to prepare for the next steps of the SharePoint migration. The SharePoint migration will help the District in cleaning up the current servers by removing files that have been archived, and reorganize the file structure and access. Once the SharePoint Migration is complete, IT staff will establish a SharePoint-based employee intranet, giving employees easy access to forms, applications, files, and information.

### **Laserfiche Automation**

In a continuing effort to go paperless, IT and Accounting staff have been working together to eliminate all paper forms and rubber stamps. Staff has been developing workflows and paperless templates based on existing forms which replace paper or PDFs. The Laserfiche forms can be programmed into workflows to save staff effort, minimize mistakes, and improve our timing and efficiency.

### **UniData Server Upgrade and Rocket Multi-Value Integrations**

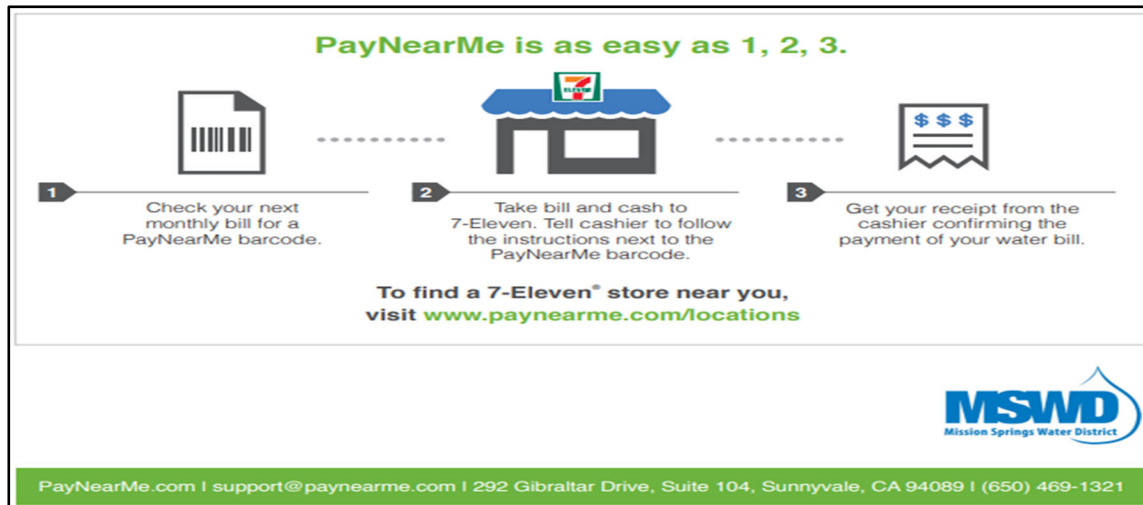
District staff is in the final preparations for the installation of the new UniData server. The new UniData server will allow the District to upgrade its UniData platform to be compatible with all the features in current and future UniData integrations. Following the server upgrade, a Multi-Value Integration Server (MVIS) application will be installed on the UniData server. MVIS will allow external applications to read and write data to our financial database in real-time. IT staff will focus on integrating Laserfiche, Nobel Systems, WaterSmart, and PayNearMe with the MVIS to enhance the field staff’s work order management system and customer service’s customer portal.

### **Nobel Systems Integration with Unidata**

District staff continues to work with Nobel Systems to integrate field staff’s work order management system, timesheets, and inventory with UniData. In December 2021, IT staff entered into an agreement with Nobel Systems to develop a backflow module to better track backflow testing inspections and repairs, and a pretreatment module to better track Fats, Oils, and Grease pretreatment units. Staff continues to further develop GeoViewer to manage inventory, service orders, and timecard entry, which will increase automation and decrease staff workload.

## WaterSmart Customer Portal

IT and Customer Service staff continue to work with WaterSmart to develop a customer portal which will allow our customers to view their usage, set notifications, and pay their bill on one platform. The integration of WaterSmart with the District payment system, PayNearMe, has been scheduled with an anticipated completion date of March 2023. By utilizing PayNearMe, the District will save over \$60,000 per year in associated payment service fees.



## Purchasing Department

Staff continues to source sanitization supplies to ensure wipes, hand sanitizer, and disinfectants are available to all District buildings, and vehicles for the safety of the Staff.

Price increases and supply chain issues continue to surface within our industry. Specifically, PVC pipe and fittings, ductile iron pipe and fittings, restraints, hydrants, and valves, as well as many other products, are experiencing significant shortages that could lead to extended lead times. Along with these supply chain problems, pricing continues to escalate. These problems exist with both domestic and import materials. Staff will continue to monitor the situation and perform due diligence in getting all the material that is needed to maintain the water systems.

Staff currently has an order that was placed on October 21, 2021, for 3/4-inch and 1-inch Neptune meters. They were expected to arrive by late January 2022. Unfortunately, they are now scheduled to ship out in mid-March 2022. The delay is with the production of the meters and not a distribution issue. This order contains 160 of the 3/4-inch meters and 60 of the 1-inch meters. Staff currently has 31 of the 3/4-inch meters and 142 of the 1-inch meters on hand. Staff will continue to monitor the situation and will keep everyone informed with any updates.

## ENGINEERING AND OPERATIONS

### Engineering Department

Below is a list of Capital Projects and status updates.

#### **Well 42 Project**

Construction is still on-hold due to revisions to the electrical equipment. The District expects to receive the final submittal in March 2022 to review and approve for procurement.

Construction will likely be on-hold for several more weeks while the equipment submittals are processed and the equipment is ordered, fabricated, and delivered to the site for construction and installation.

#### **AD-18 – GQPP Sewer Project Areas “H” & “I”**

Staff began the appraisal process for a required sewer easement. Once completed, staff will begin negotiations with the property owner for the proposed easement area for the pipe alignment.

The consultant, TKE Engineering, completed the 100% design plans and specifications, and staff is completing the final plan check.

#### **Water and Wastewater System Comprehensive Master Plan Update**

The consultant, Michael Baker International, continued progress on the water and sewer models. The consultant began wastewater flow monitoring to collect field data to calibrate the sewer model.

#### **Horton Odor Control Project**

Staff in conjunction with the construction manager consultant, Michael Baker International, have completed a no cost change order extending the contract completion date to February 18, 2022. Current schedule puts the completion beyond that date to March 18, 2022, due to material delivery delays from supply chain issues.

#### **On-Call General Engineering Services RFP**

Staff is continuing to use the on-call inspections and plan check contract. Heitec Consulting is executing construction inspection and plan check services.



### Backup Generators for Well Sites 27-32 and 37 Projects

Staff is still reviewing the most beneficial locations for fixed and portable generator locations prior to advertising for project bids.

### Horton Effluent Filtration System

The design consultant, TKE Engineering, is continuing work on the 100% design submittal, specifically the added shade structure, wind break, and maintenance scaffolding system. Staff expects to receive the updated plan set in the coming weeks.

### Horton Chopper Pumps Project

Staff has contracted with the pump manufacturer to complete the installation of the four influent pumps. A preconstruction meeting was held in February 2022 and submittals and fabrication is in process. Construction is anticipated in March through April 2022.

### Well 22 Rehabilitation

The design consultant, TKE Engineering, continued working on the final design package. Staff anticipates receiving the final design package in the coming weeks and bidding the project thereafter.

### AD-18 GQPP Sewer Project Area "D3-1"

Due to current construction costs, the project is on-hold, with the intent to repurpose the grant funding to the GQPP Area M2 project in the coming months.

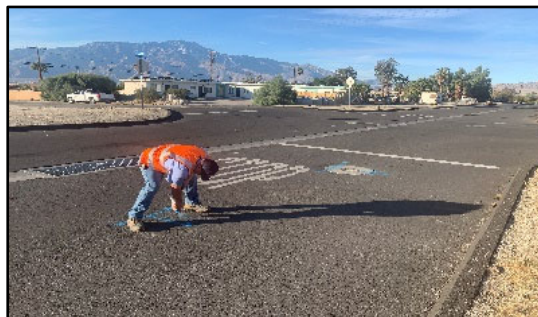
### Regional Water Reclamation Facility

This item has moved from this report to the Board Packet as a monthly update.

## Operations & Maintenance

### Construction & Maintenance

Staff completed approximately 248 water line location requests in February 2022. Staff continues to use iPads with the GeoViewer mobile app to streamline and manage line locations.



Staff replaced ten water services, repaired eight service line leaks, and three main line leaks in February 2022.



Approximately 418,035 gallons of water loss was recorded due to water leaks in February 2022. Most of the water loss was due to two fire hydrants that were stolen at the same time near the Skyborne development.



Staff continues to implement maintenance programs, which consist of ground valve exercising, blow-off flushing, air release valves, Cla-Val automatic control valves, and fire hydrant flushing and painting. There were 139 ground valves exercised, 63 fire hydrants flushed, one air release valve inspected and rebuilt, no Cla-Val valves inspected, and 63 blow-offs flushed in February 2022.





A total of 23 work orders were processed in February 2022 using the CMMS program.

Staff installed 14 new water services in February 2022.

Staff continues performing field fire flow tests for the Engineering Department. Nine fire flow tests were conducted in February 2022.

Staff has been making necessary adjustments in dealing with the current COVID-19 pandemic. Staff continues to keep good constant communication within the department, with other departments, and managers at the District.

### **Fleet and Facility Maintenance**

All District buildings continue to be cleaned and disinfected each week, Tuesday through Friday, by our janitorial company. Disinfection is completed four times a week and janitorial services are completed twice a week.

Building maintenance continues at District facilities. Staff helped with the problem solving of the odor issues in the Administration Building with the plumbing contractor. The downstairs lock at the Administration Building was replaced due to damages.

Standby Generator Monthly Maintenance continues at the District. Staff found no issues during the monthly testing of standby generators. This testing ensures the generators are ready when needed.

The District continues to utilize Southern California Fleet Services for maintenance and repairs of District vehicles and equipment. Below is a listing of services provided in February 2022:

- A total of eight recalls on District vehicles have been completed
- Front end repairs were completed on Unit 421
- The dealership completed front end adjustments on Units 409, 411, and 412
- Services were completed on Units 402 and 410
- A new fuel primer pump was installed on a 6-inch trash pump
- GPS unit installations were completed on Units 381 and 392
- New tires were installed on Unit 410

## Collections

No Sanitary Sewer Overflows (SSOs) occurred in the collection system. No problems occurred at the Dos Palmas Lift Station. The operators continued to visit the site each day to check proper pump operation, ensure the SCADA system is working properly, and check site security.

Staff completed 278 sewer line location requests. Staff continues to use iPads with the GeoViewer mobile application to streamline and manage line locations.

Approximately 5.1 miles of sewer mainline was cleaned. This included 94 segments of 8-inch VCP sewer pipe.

Staff utilized the CCTV truck to inspect 28 segments of 8-inch VCP mainline. While performing inspections, staff identified one section of 8-inch mainline that needs an emergency repair to replace approximately 150 feet of pipe and five lateral connections. The damage appears to have been caused by roots from nearby tamarisk trees.

Staff continues to help at the wastewater treatment plant as needed, including the cleaning of the vortex grit chamber.

## Wastewater Treatment

Staff spent a combined 513-man hours performing routine plant maintenance, equipment maintenance, and plant operations at the Horton and Desert Crest plants. Also, during this timeframe staff spent 149-man hours operating the sludge belt filter press, including filling and removing 17 trailers of sludge from the Horton and Desert Crest Plants.

Staff collected 38 samples and spent 57-man hours performing laboratory duties and analysis for process control and regulatory reporting purposes. Both plants are producing an effluent that meets the District's discharge requirement.

Staff continues to pull the influent pumps a minimum of four times throughout the week, or as needed, including weekends due to ragging of "flushable wipes". Pumping GPM and Hz on the pumps are monitored daily to help determine how frequent the pumps need to be pulled.

Five ponds were cleaned and rehabilitated in February 2022. Ponds 4, 5, 6, 7, and 8 were all cleaned this month, and Pond 7 was cleaned twice.

Staff drained Clarifier 1 due to solids coming up to the surface. Any septic or old material was cleaned out of the bottom and the tank was inspected. The clarifier is back up and running.



Staff replaced the upper and lower scrapper blades on the belt press.



Staff sounded the groundwater wells around the Horton treatment plant.



Staff continued to conduct a weekly “Wastewater Training” program within the department. These training sessions are intended to get all of the operators on the same page with respect to a standard operating procedure, so that Staff is operating equipment more proficiently and are trained in doing so. This training is also to help keep operators safe when conducting maintenance. This month’s training included:

- Dissolved Oxygen (DO) Population Equivalent (PE) testing
- PE testing (Total Dissolved Solids (TDS), Suspended Solids (SS), and pH)
- Headworks emergency pumping
- Pond DO meter membrane replacement



Staff replaced the V-belt on the 6-inch pump and tested it out to make sure it operated correctly.



Staff replaced effluent piping at Desert Crest that was leaking underground. This piping feeds the plant water to the headworks.



Through continued development in the Desert Hot Springs area, and at the request of new consumers, sanitary services are always being added to the collection system. Below is a summary of new sanitary service connections by month.

New Sanitary Service Connections to Collection System

	2021/22	2020/21	2019/20	2018/19	2017/18	2016/17
July	18	8	7	9	51	2
Aug.	20	4	1	8	53	2
Sep.	20	5	2	12	8	11
Oct.	36	9	4	8	12	4
Nov.	29	50	10	9	7	7
Dec.	12	9	3	3	64	1
Jan.	14	21	7	1	16	8
Feb.	7	23	5	1	42	0
Mar.		48	1	0	23	5
Apr.		18	3	3	15	30
May		17	11	3	20	45
June		21	7	3	6	70
<b>Annual Total</b>	<b>156</b>	<b>233</b>	<b>61</b>	<b>60</b>	<b>317</b>	<b>185</b>

Additional sanitary service connection information is provided in Appendix B.

The following table shows the average daily flow and peak daily flow for the Horton and Desert Crest Plants.

Monthly Wastewater Flows

<b>WASTEWATER FLOW MGD</b>				
2021/22	HORTON PLANT		DESERT CREST	
	Avg. Daily Flow	Peak 24 hr. Flow	Avg. Daily Flow	Peak 24 hr. Flow
July	1.987088	2.104457	0.042128	0.058130
Aug.	2.059728	2.224424	0.052436	0.064940
Sep.	2.061448	2.234327	0.049729	0.066370
Oct.	2.081568	2.223453	0.046618	0.051660
Nov.	2.084749	2.213652	0.048180	0.053880
Dec.	2.024843	<b>2.311905</b>	0.051887	0.068500
Jan.	1.952152	2.131439	0.048326	0.054720
Feb.	2.009623	2.139096	0.045334	0.052130
Mar.				
Apr.				
May				
June				

Additional wastewater flow information is provided in Appendix B.

## Water Production

Staff collected 45 routine bacteriological (Bac-T) samples, six general physical samples, and uranium samples at Well 26A for analysis in February 2022. Staff works closely with the laboratory when changing sampling dates or taking grab Bac-T samples for any mainline shutdowns. The MSWD Monthly Coliform Monitoring Reports for February 2022 were sent out to the State Water Resources Control Board on March 8, 2022.



Staff monitors chlorine levels and makes sure that all wells have a sufficient level of chlorine. Weekly chlorine deliveries to all well sites continue and is typically done on Thursdays. Purchasing informed staff that the pricing of chlorine has increased. Staff is currently evaluating the chlorine budget to ensure sufficient funds remain to complete this fiscal year.

Staff continues to conduct routine chlorine pump maintenance and inspections at all well sites, making necessary adjustments to all chlorine pumps and/or their related equipment, ensuring proper operation and repairing/rebuilding as needed. The chlorinator at Well 24 was rebuilt on March 2, 2022.

There are currently only two employees in the Department, the Water Production and Maintenance Foreperson and a Water Production Operator II. Due to staffing shortages, several candidates were interviewed, with anticipated start dates in March 2022.

Staff along with the contractor made electrical repairs to the booster site at 19<sup>th</sup> Avenue on March 2, 2022. A pump motor contactor/starter was faulty.

Staff sealed some openings at various well heads for increased water quality protection.



Staff continues to monitor the production equipment to ensure equipment is operating properly.



During daily pump run and site checks, staff monitors the system and addresses site vandalism and water theft routinely. Staff continues to do a great job reporting and making repairs as needed.

Staff discovered an oil leak at Well 29 due to a missing plug. Staff replaced the plug stopping the leak, however, the bearing still sounds like it may be going bad. Staff will use a contractor from the Well and Booster On-Call Contract to assess and repair as needed.

Staff along with the contractor, Forshock, is currently working on making SCADA upgrades. Staff expects the main system software to be upgraded within the first two weeks of March 2022. Staff is currently evaluating sites to install the automatic continuous chlorine analyzers. Once installed, these will help to monitor the chlorine residuals via the SCADA system.



Staff continues to sound groundwater levels for 13 production wells and nine monitoring wells. Staff usually strives to complete the soundings early in the month to proactively identify any abnormalities.



Staff continues to oversee all the Production Department sites and make any necessary changes as needed. Staff continues to climb reservoirs and conduct as needed overflow maintenance monthly. Staff is beginning to implement inspections of the tank roofs using a drone.



Staff continues to oversee the landscape maintenance contract for 36 sites throughout the District.

Staff continues to work with Field Service/Customer Service on the planning of construction meter set locations. Staff closely monitors the water usage in the areas that have construction meters.

Staff performed the monthly fire pump testing at the Gateway reservoir. This test is performed monthly to ensure the fire pump is in good working condition and operates properly when required.



On February 23, 2022, MSWD received a notice from the State Water Resources Control Board, Division of Drinking Water regarding the Annual Source Water Nitrate Monitoring Status. Although MSWD was not able to sample Wells 22 and 34 for nitrates this year due to the wells being out of service for rehabilitation, the State still considers MSWD to be in compliance with the Source Water Nitrate Monitoring requirements for calendar year 2021. Staff will keep the State apprised of the status of wells and will include this sampling in the future years.

### **Well 33 Solar Site**

Staff continues to monitor the performance of the solar system. The January 2021 performance report showed that the system produced 119,282 kilowatt hours, which is within 86% of expected energy output.

### **Well 24 Electrical Panel Rehabilitation Project**

This project is currently under construction and is anticipated to be completed in 2022. Currently, the electrical panel and motor control center is being constructed by the contractor offsite. Also, District staff is working with Southern California Edison on new power requirements they requested to be done at Well 24.

Through continued development in the Desert Hot Springs area and at the request of new consumers, water services are always being added. Below is a summary of new water services added each month.

#### New Service Connections to the Water System

	2021/22	2020/21	2019/20	2018/19	2017/18	2016/17
July	18	7	4	5	7	2
August	19	6	10	5	3	2
September	23	18	2	14	4	13
October	33	13	3	21	8	3
November	27	10	16	4	0	7
December	9	2	17	3	3	2
January	14	15	6	3	20	1
February	8	13	8	5	11	1
March		16	2	3	6	5
April		11	1	3	7	11
May		15	12	5	11	9
June		24	11	2	8	2
<b>Annual Total</b>	<b>151</b>	<b>150</b>	<b>92</b>	<b>73</b>	<b>88</b>	<b>58</b>
<b>Avg./ Mo.</b>	<b>12.58</b>	<b>12.50</b>	<b>7.67</b>	<b>6.08</b>	<b>7.33</b>	<b>4.83</b>

Additional water service connection information is provided in Appendix B.

As expected, the new water services increase the amount of water needed to be pumped; however, the weather and water conservation continue to be the primary factor in MSWD water production. The following table summarizes the MSWD water production for each month.

#### Monthly Water Production

	FY	Variance		FY	FY	FY	FY
	2021/22	from prior	%	2020/21	2019/20	2018/19	2017/18
	AF	AF		AF	AF	AF	AF
July	796.57	-61.20	-7.1%	857.77	853.23	857.20	835.87
August	839.93	-45.38	-5.1%	885.31	795.18	806.47	829.93
September	738.65	-46.15	-5.9%	784.80	757.08	689.47	712.40
October	665.18	-90.66	-12.0%	755.84	709.39	709.81	733.86
November	679.85	-10.28	-1.5%	690.13	619.87	631.75	642.41
December	565.48	-22.84	-3.9%	588.32	537.23	502.16	584.24
January	580.28	42.32	7.9%	537.96	553.20	570.20	599.52
February	527.34	31.73	6.4%	495.61	520.85	415.49	512.79
March		0.00	0.0%	625.80	557.73	490.92	536.09
April		0.00	0.0%	649.34	573.02	635.08	644.06
May		0.00	0.0%	723.62	698.99	598.36	697.15
June		0.00	0.0%	761.63	806.02	710.39	688.74
<b>TOTAL</b>	<b>5393.28</b>	<b>-202.46</b>	<b>-3.6%</b>	<b>8356.13</b>	<b>7981.79</b>	<b>7617.30</b>	<b>8017.06</b>

Additional water production information is provided in Appendix B.

## Water Resources

Below is a list of water resources related activities for February 2022:

### **Integrated Regional Water Management/Coachella Valley Regional Water Management Group**

The Coachella Valley Regional Water Management Group (CVRWVG) met to discuss on-going grant funded projects and upcoming grant opportunities.

The California Department of Water Resources (DWR) is currently reviewing the CVRWVG's grant application for the Urban and Multi-Benefit Drought Relief Program – Under-Represented Communities and Tribal Set Aside.

The CVRWVG completed and submitted a comment letter on the draft Proposition 1 Round 2 Integrated Regional Water Management (IRWM) Implementation proposal solicitation package.

The CVRWVG completed and submitted a grant application with the Coachella Valley Mountain Conservancy for a water conservation technical study.

### **Mission Creek Subbasin Sustainable Groundwater Management Act Compliance**

DWR is currently reviewing the 2022 Alternative Plan Update for the Mission Creek Subbasin and will conduct an additional public comment period following preliminary review.

The United State Geological Survey began data collection for the Land Subsidence Study in the Mission Creek Subbasin.

The consultant, Wood, completed the final Mission Creek Subbasin Annual Report for Water Year 2020-2021. The report is due to DWR by April 1, 2022.

### **San Geronio Pass Subbasin Sustainable Groundwater Management Act Compliance**

DWR is currently reviewing the 2022 Groundwater Sustainability Plan for the San Geronio Pass Subbasin and will conduct an additional public comment period following a preliminary review.

The consultant, Provost & Prichard, is preparing the draft San Geronio Pass Subbasin Annual Report for Water Year 2020-2021. Staff expects to receive the report for review in the coming weeks. The report is due to DWR by April 1, 2022.

### Indio Subbasin Sustainable Groundwater Management Act Compliance

DWR is currently reviewing the 2022 Alternative Plan Update for the Indio Subbasin and will conduct an additional public comment period following preliminary review.

The consultant, Todd Groundwater, completed the final Indio Subbasin Annual Report for Water Year 2020-2021. The report is due to DWR by April 1, 2022.



## PUBLIC AFFAIRS

Below is a list of Public Affairs activities:

### Past Sponsorship Events

#### **Desert Hot Springs Women's Club Fashion Show & Fundraising Event, March 6, 2022**

Since 1953, the Desert Hot Springs Women's Club has enriched the city by fundraising, providing scholarships, and performing community service. MSWD is a proud sponsor of the annual fashion show.



### Upcoming Events

#### **Palm Springs Air Museum Fundraising Dinner, Friday, March 25, 2022**

Honoring the men and women pioneers of aviation, this year's event will include a special tribute in memoriam to Phil Hixon, Chairman Emeritus and one of the Palm Springs Air Museum founders.



#### **Senior Inspiration Awards Luncheon, Thursday, March 31, 2022**

Honoring seniors from each of the Coachella Valley cities and the County of Riverside, the event celebrates the accomplishments of some of our most-valued community members.



#### **Desert Hot Springs Rotary Big Hearts Awards Ceremony, Thursday, March 31, 2022**

The Desert Hot Springs Rotary Presents the Big Heart Awards annually to honor individuals and local businesses for doing good in our community. This year's MSWD Person of the Year is Executive Assistant Dori Petee, who serves as a Rotarian and also works tirelessly to support the Desert Hot Springs community.



#### **Desert Hot Springs Little League Opening Ceremony, Saturday, March 26, 2022**

The Desert Hot Springs Little League is dedicated to building character and providing fair and challenging activities to our Desert Hot Springs youth. Once again, MSWD is a proud sponsor of the league.



*If any other events occur throughout the month, they will be communicated either from the Public Affairs team or Dori Petee.*

**Awards**

The Berkeley Springs International Water Tasting, the World's most prestigious, recently awarded Mission Springs Water District a Bronze Medal, bringing the District's total medal count to 10 since it first entered the annual contest in 1997.

The event featured more than 100 waters, spanning five different continents. The municipal water category was a battle of previous champions, with Village of Montpelier, Ohio taking Gold, Metropolitan Water District of Southern California taking Silver, and MSWD winning Bronze.



MSWD Medal Count	Year	Ranking
1	1997	Silver
2	1999	Gold
3	2001	Silver
4	2003	Bronze
5	2004	Gold
6	2008	Silver
7	2011	Silver
8	2018	Bronze
9	2020	Gold
10	2022	Bronze

The District has won the most medals of any municipal participants, including the best in the World in 2020.

*Shown here: MSWD Water Production Operator Tim Owens draws water from our "lucky" well in preparation for the 2022 Berkeley Springs International Water Tasting.*



## Public Outreach

### Disconnection Outreach

On April 2, 2020, Governor Newsom issued Executive Order N-42-20 prohibiting water service shut-offs to residences and critical infrastructure small businesses. The governor subsequently extended this order and later signed Senate Bill 155, which extended the moratorium through December 31, 2021.

To help residential and commercial customers with past due balances related to the pandemic, the District applied for and received funds from the California Water and Wastewater Arrearage Payment Program to cover past-due account balances accrued between March 4, 2020, and June 15, 2021.

After the credit, some customers still owe back payments depending upon their usage and payment history. To allow these customers time to bring their accounts current, the District will resume its SB 998 governed shut-off procedure in April 2022.

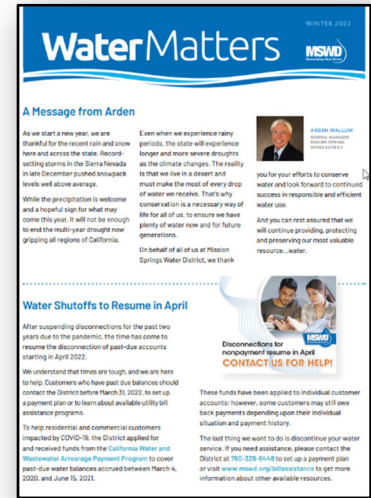
Throughout February and March 2022, the Public Affairs team is implementing an aggressive communications campaign that includes social media, bill messaging, direct mailers, emails, and phone calls encouraging customers to contact the District to enroll in a payment plan or apply for one or more of the various utility bill assistance programs currently available.





**Customer Newsletter**

This month, a new edition of Water Matters was included in our customer billing statements. Newsletter stories included disconnection/payment assistance information, continued drought conservation, toilet/turf rebates, the availability of FREE conservation kits, and MSWD calendars.



**Water 101 – Let's Talk Water!**

Later this month, we will be offering our first Water 101 classes to community leaders who want to learn more about water, the lifeblood of our region. We are excited to provide a series of comprehensive courses that will cover MSWD's history, use, and management of this precious resource, along with how we fit into the larger Coachella Valley and State water systems.

We currently have approximately 20 members of the public signed up to attend the four-week series of courses. This includes representatives from local clubs, HOAs, City staff and Council members. Meetings are being held the fourth Thursday of each month during March, April, May, and June 2022 between 6-7 p.m. at the new Desert Hot Springs Library.

**Mission Lakes Country Club Assessment District Update**

On Thursday, April 7, 2022, the Public Affairs team is meeting with homeowners in the Mission Lakes Country Club to provide a status report on the septic to sewer project in their area. The meeting will be held at 4 p.m. in the MLCC Club House inside the Lakes Room.



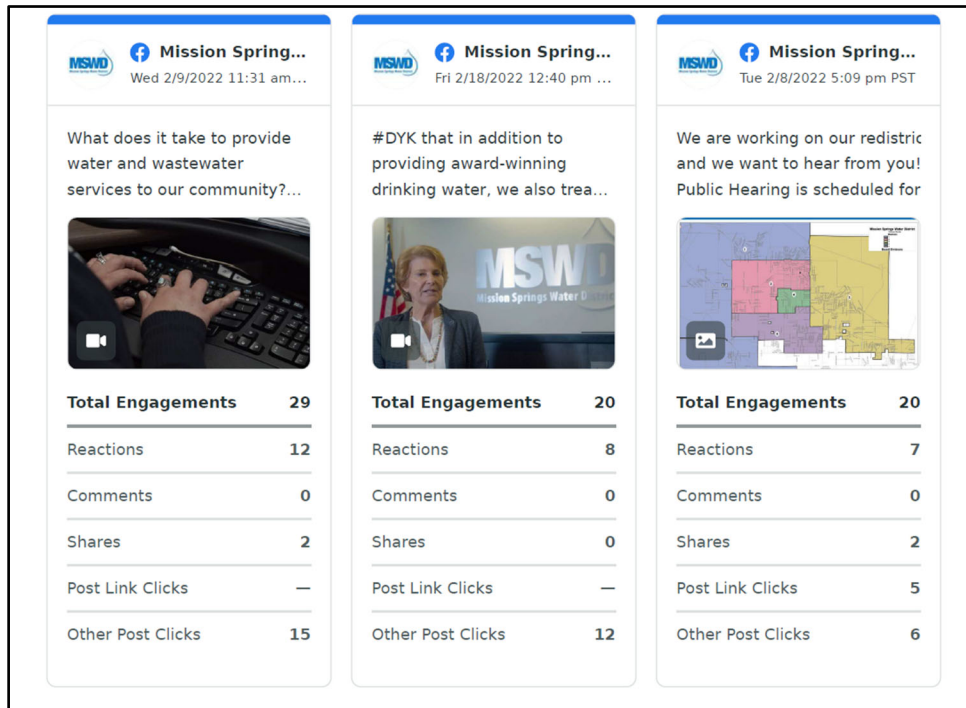
**MSWD Digital Advertising**

The District featured five Google and Facebook/Instagram ads promoting participation in the redistricting process, disconnection help, FREE conservation kits, toilet rebates, and a special "like us" campaign designed to build our social media followers. As a result, we had more than 450 clicks on the redistricting campaign along with more than 200+ clicks on each of the conservation kit, toilet rebate, and disconnection campaigns. A full report is included in Appendix C.



### Social Media

A copy of the February 2022 social media report can be found in Appendix C. This report highlights activities and posts on the District's social media platforms. Our MSWD produced videos and redistricting were some of our top-performing posts this month.



### CV Water Counts

The CV Water Counts Outreach report for February 2022 can be found in Appendix C. Website visits and pageviews saw a drop in February from January 2022 – somewhat expected as the CV Water Counts Academy campaign brought in significant traffic. However, year-to-year, February 2022 had about 100 more pageviews than 2021. The Emergency Drought Restrictions page performed well and was the second most viewed page on the site during the month, with more than 800 views. Example posts below:



The CV Water Accounts Academy is finishing up its fifth week this month. Look for a detailed report in next month's Public Affairs update.

**Rebates & Conservation**

The Public Affairs team continued to promote rebates and conservation throughout our service territory throughout the month.

**Conservation Kits**

In February 2022, we received 11 new requests for conservation kits and have distributed 29 since the beginning of the year. We have several more requests pending in March 2022.

**Turf Rebates**

We currently have two pending turf rebates totaling as much as \$3,000. Both applications are awaiting customer improvements and a post-installation inspection.

**Water Donations for February 2022**

Date Supplied	Requests Filled	Event or Purpose	# Cases Requested
2/1/2022	DHSHS Public Safety Academy	PSA Project	5
2/3/2022	City of DHS	Council/Commission Meetings/Walk-in Guest	25
2/10/2022	Food Now	Charity Golf Tournament	8
2/19/2022	DHS VFW	Veteran's Family Appreciation Day	4
	<b>Total Cases</b>		<b>42</b>

APPENDIX A –  
Federal Update from Carpi & Clay

# Mission Springs Water District Federal Update

March 1, 2022

## FY22 Appropriations Update

In mid-February, Congress passed yet another continuing resolution (CR) to keep the federal government open and avoid a shutdown. The current CR will run until March 11. Leadership on the House and Senate Appropriations committee are continuing to meet and discuss how to finalize the Fiscal Year 2022 appropriations bills.

## White House Announces BIL Infrastructure School

The White House announced that it would be holding a series of virtual webinars called “Infrastructure School.” These webinars are intended to provide an in-depth look at the various programs included in the Bipartisan Infrastructure Law (BIL). Here is the schedule of webinars of interest to the District for the month of March, as well as links to register:

- March 15 at 4pm-5pm ET: Water ([Register Here](#))
- March 17 at 4pm- 5pm ET: Resilience ([Register Here](#))
- March 22 at 4pm-5pm ET: Environmental Remediation ([Register Here](#))

## Speaker Pelosi Extends Remote Voting

Speaker of the House Nancy Pelosi (D-CA) has once again extended the period of remote voting for Members of the House. Remote voting has been extended until March 30. Remote voting is not allowed in the Senate.

## House T&I Committee Leadership Sends Letter to Corps and CEQ on PR&G

Chair of the House Committee on Transportation and Infrastructure Peter DeFazio (D-OR), Chair of the Subcommittee on Water Resources and Environment Grace Napolitano (D-CA), and Congressman Jesús G. "Chuy" García (D-IL) sent a letter to the Corps and the Council on Environmental Quality urging them to finalize implementation of modernized Principles, Requirements, and Guidelines—the criteria that the Corps uses to evaluate the benefits of a project. The letter can be found [HERE](#).

## Federal Funding Opportunities/Announcements

**EPA Announces BIL Funding for Great Lakes.** The Environmental Protection Agency (EPA) announced the allocation of \$1 billion in funding to address Great Lakes clean-up efforts. More information about the awards can be found [HERE](#).

**EPA Announces Anaerobic Digestion Grant Awards.** EPA announced the selection of eleven organizations to receive a total of \$2 million in federal funding for anaerobic digestion projects. Anaerobic digestion is a process in which microorganisms break down organic materials, such as food scraps, manure, and sewage sludge, in the absence of oxygen. More information about the awards can be found [HERE](#).

**EPA Announces Funding Opportunity to Reduce Lead in Drinking Water.** EPA announced \$20 million in grant funding to assist in the removal sources of lead from drinking water. EPA stated that it will award this funding in alignment with the goals of the Justice40 Initiative, and encourages applications that support equity by prioritizing underserved communities, those with lead reduction projects at drinking water systems with at least one lead action level exceedance within the last three years, as well as those with schools with at least 50 percent of the children receiving free and reduced lunch, in Head Start facilities, and/or in areas with additional environmental health burdens. Applications are due on April 19 and more information about the application can be found [HERE](#).

**Reclamation Announces Small-Scale Water Efficiency Grants.** The Bureau of Reclamation (Reclamation) announced the WaterSMART Small-Scale Water Efficiency grant opportunity. The program provides 50/50 cost share funding to irrigation and water districts, tribes, states and other entities with water or power delivery authority for small water efficiency improvements that have been identified through previous planning efforts. Projects eligible for funding include installation of flow measurement or automation in a specific part of a water delivery system, lining of a section of a canal to address seepage, or other similar projects that are limited in scope. Applications are due on April 28 and more information can be found [HERE](#).

**Reclamation Announces Applied Science Funding Opportunity.** Reclamation announced the WaterSMART Applied Science grant opportunity. The program support projects to develop hydrologic information, decision support tools, and tools to improve modeling and forecasting capabilities to increase water supply reliability. Applicants may request up to \$200,000 for projects to be completed within two years. A 50 percent non-federal cost share is required. Applications are due on April 14 and more information can be found [HERE](#).

**Reclamation Announces Drought Contingency Plan Funding Opportunity.** Reclamation has announced the WaterSMART Drought Contingency Plan grant opportunity. This funding opportunity supports the development and update of drought contingency plans. Through this funding opportunity, Reclamation provides financial assistance for planning that, when implemented, will increase water reliability and improve water management using expanded technologies and improved modeling capabilities. Applicants may request up to \$200,000 for plans to be completed within two years. Generally, a 50 percent minimum

recipient cost-share is required. Applications are due on April 14 and more information can be found [HERE](#).

## Federal Agency Personnel/Regulatory Announcements

**Senate Confirms Fish and Wildlife Director.** The Senate confirmed Martha Williams to serve as the Director of the Fish and Wildlife Service. Williams is a former law professor and served as head of the Montana Department of Fish, Wildlife and Parks. She also has experience at the Interior Department from the Obama administration and has been serving as the principal deputy director of Fish and Wildlife Service.

**Senate Confirms USDA Under Secretary for Natural Resources and Environment.** The Senate confirmed Homer Wilkes to serve as the USDA Under Secretary for Natural Resources and Environment. Secretary Vilsack swore Wilkes into office on February 11<sup>th</sup>. Wilkes has been with USDA for more than 40 years and during his Senate confirmation hearing, discussed how he would take an active role in addressing forest management issues at the agency.

**The Corps and EPA Select Ten Regional Roundtables to Discuss WOTUS.** The Corps and EPA selected ten regional roundtables to hold discussions with stakeholders about the implications of the Water of the U.S. (WOTUS) rule. The selected roundtables highlight geographic differences and a range of perspectives—including agriculture, conservation groups, developers, drinking water and wastewater managers, environmental organizations, communities with environmental justice concerns, industry, Tribal nations, and state and local governments. More information about the roundtables can be found [HERE](#).

**EPA Launches Environmental Justice Screening and Mapping Tool.** EPA released an updated environmental justice (EJ) screening and mapping tool called EJ Screen. EJScreen uses nationally consistent datasets and combines environmental and demographic information to identify areas overburdened by pollution. In addition to the eleven existing environmental indicators and corresponding EJ indexes, the new update includes the addition of a twelfth environmental indicator and EJ index on underground storage tanks. EJScreen tool can be found [HERE](#).

##    ##    ##



APPENDIX B – Wastewater and Water Production Tables



**WASTEWATER REPORT**

<b>SEWER CONNECTION SUMMARY</b>											
	2021/22	2020/21	2019/20	2018/19	2017/18	2016/17	2015/16	2014/15	2013/14	2012/13	2011/12
July	18	8	7	9	51	2	1	139	2	0	0
Aug.	20	4	1	8	53	2	4	214	4	0	2
Sep.	20	5	2	12	8	11	2	90	2	1	0
Oct.	36	9	4	8	12	4	21	65	8	2	1
Nov.	29	50	10	9	7	7	1	52	18	7	3
Dec.	12	9	3	3	64	1	0	86	22	11	2
Jan.	14	21	7	1	16	8	3	27	3	11	1
Feb.	7	23	5	1	42	0	3	5	46	6	1
Mar.		48	1	0	23	5	0	31	16	2	1
Apr.		18	3	3	15	30	0	8	95	14	3
May		17	11	3	20	45	7	13	98	3	2
June		21	7	3	6	70	4	4	72	2	0
<b>Annual Total</b>	<b>156</b>	<b>233</b>	<b>61</b>	<b>60</b>	<b>317</b>	<b>185</b>	<b>46</b>	<b>734</b>	<b>386</b>	<b>59</b>	<b>16</b>

Connections to Sewer Collection System:

As of June 30, 2021 8467

Plus YTD 156

**Total Sewer Connections = 8623**

<b>WASTEWATER FLOW MGD</b>				
2021/22	HORTON PLANT		DESERT CREST	
	Avg. Daily Flow	Peak 24 hr. Flow	Avg. Daily Flow	Peak 24 hr. Flow
July	1.987088	2.104457	0.042128	0.058130
Aug.	2.059728	2.224424	0.052436	0.064940
Sep.	2.061448	2.234327	0.049729	0.066370
Oct.	2.081568	2.223453	0.046618	0.051660
Nov.	2.084749	2.213652	0.048180	0.053880
Dec.	2.024843	2.311905	0.051887	0.068500
Jan.	1.952152	2.131439	0.048326	0.054720
Feb.	2.009623	2.139096	0.045334	0.052130
Mar.				
Apr.				
May				
June				

<b>WASTEWATER FLOW MGD</b>				
2020/21	HORTON PLANT		DESERT CREST	
	Avg. Daily Flow	Peak 24 hr. Flow	Avg. Daily Flow	Peak 24 hr. Flow
July	2.069268	2.140825	0.047916	0.079010
Aug.	2.135828	2.274566	0.053795	0.070420
Sep.	2.003417	2.121446	0.046861	0.077790
Oct.	1.964716	2.100928	0.043720	0.049600
Nov.	1.928082	2.082209	0.046171	0.051750
Dec.	1.750513	2.074777	0.044951	0.050380
Jan.	1.846818	2.018006	0.045299	0.050610
Feb.	1.889826	2.253275	0.043718	0.048950
Mar.	1.859783	2.040589	0.043382	0.048920
Apr.	1.897411	2.111914	0.040257	0.060120
May	1.954528	2.151420	0.039293	0.046660
June	2.014604	2.110777	0.038634	0.047440

### WATER REPORT

WATER CONNECTION SUMMARY														
	2021/22	2020/21	2019/20	2018/19	2017/18	2016/17	2015/16	2014/15	2013/14	2012/13	2011/12	2010/11	2009/10	2008/09
July	18	7	4	5	7	2	0	0	1	0	0	0	1	2
August	19	6	10	5	3	2	2	0	1	0	0	2	1	2
September	23	18	2	14	4	13	3	0	2	2	0	0	1	0
October	33	13	3	21	8	3	20	0	5	1	1	4	2	1
November	27	10	16	4	0	7	3	0	1	0	1	1	5	1
December	9	2	17	3	3	2	0	0	2	0	0	0	0	2
January	14	15	6	3	20	1	1	2	2	0	0	1	1	9
February	8	13	8	5	11	1	0	1	0	1	0	0	1	2
March		16	2	3	6	5	0	12	0	0	4	5	0	4
April		11	1	3	7	11	2	7	0	1	4	1	12	2
May		15	12	5	11	9	8	2	0	1	2	0	0	0
June		24	11	2	8	2	10	1	0	0	0	1	1	0
<b>Annual Total</b>	<b>151</b>	<b>150</b>	<b>92</b>	<b>73</b>	<b>88</b>	<b>58</b>	<b>49</b>	<b>25</b>	<b>14</b>	<b>6</b>	<b>12</b>	<b>15</b>	<b>25</b>	<b>25</b>
<b>Avg./ Mo.</b>	<b>12.58</b>	<b>12.50</b>	<b>7.67</b>	<b>6.08</b>	<b>7.33</b>	<b>4.83</b>	<b>4.08</b>	<b>2.08</b>	<b>1.17</b>	<b>0.50</b>	<b>1.00</b>	<b>1.25</b>	<b>2.08</b>	<b>2.08</b>

**Connections to Water System:**

As of June 30, 2021      13,141  
 Plus YTD                              151  
**Total Water Connections =      13,292**

WATER PRODUCTION														
	FY 2021/22	Variance from prior year		FY 2020/21	FY 2019/20	FY 2018/19	FY 2017/18	FY 2016/17	FY 2015/16	FY 2014/15	FY 2013/14	FY 2012/13	FY 2011/12	FY 2010/11
	AF	AF	%	AF	AF	AF	AF	AF	AF	AF	AF	AF	AF	AF
July	796.57	-61.20	-7.1%	857.77	853.23	857.20	835.87	714.50	659.11	859.00	942.82	911.87	838.49	902.71
August	839.93	-45.38	-5.1%	885.31	795.18	806.47	829.93	808.54	706.62	730.71	828.60	853.85	959.02	964.34
September	738.65	-46.15	-5.9%	784.80	757.08	689.47	712.40	679.54	657.37	800.67	813.20	723.92	826.46	896.27
October	665.18	-90.66	-12.0%	755.84	709.39	709.81	733.86	678.33	575.86	716.30	716.09	788.55	789.71	701.93
November	679.85	-10.28	-1.5%	690.13	619.87	631.75	642.41	601.89	582.22	533.69	557.05	672.3	654.77	709.98
December	565.48	-22.84	-3.9%	588.32	537.23	502.16	584.24	520.63	503.10	590.83	633.09	520.3	575.27	548.09
January	580.28	42.32	7.9%	537.96	553.20	570.20	599.52	465.10	431.38	526.86	582.86	609.45	616.19	545.04
February	527.34	31.73	6.4%	495.61	520.85	415.49	512.79	453.39	483.92	506.49	522.87	507.31	561.24	486.57
March		0.00	0.0%	625.80	557.73	490.92	536.09	549.50	514.05	614.94	603.89	559.02	583.70	575.84
April		0.00	0.0%	649.34	573.02	635.08	644.06	540.56	502.36	622.58	664.05	744.77	645.93	626.37
May		0.00	0.0%	723.62	698.99	598.36	697.15	731.81	601.83	590.28	708.18	786.79	763.12	758.58
June		0.00	0.0%	761.63	806.02	710.39	688.74	732.68	685.93	706.34	812.96	780.86	794.00	839.98
<b>TOTAL</b>	<b>5393.28</b>	<b>-202.46</b>	<b>-3.6%</b>	<b>8356.13</b>	<b>7981.79</b>	<b>7617.30</b>	<b>8017.06</b>	<b>7476.47</b>	<b>6,903.75</b>	<b>7,798.69</b>	<b>8,385.66</b>	<b>8,458.99</b>	<b>8,607.90</b>	<b>8,555.70</b>



APPENDIX C – Public Affairs Information



# MSWD Digital Marketing and Website Report

Website, Social, and Marketing Performance

**February, 2022**

Casey Dolan

**Casey Dolan Consulting**

# Google Ads Campaigns

 **IMPRESSIONS**  
MSWD


207,887

 **CLICKS**  
MSWD

866

 **CTR**  
MSWD

0.42%

 **GOOGLE ADS CAMPAIGN PERFORMANCE**  
MSWD

Campaign	Impr.	Clicks	CTR
MSWD Redistricting Feb 2022	83,784	362	0.43%
MSWD Disconnection Feb 2022	54,068	200	0.37%
MSWD Toilet Rebate Feb 2022	45,746	181	0.4%
MSWD Conservation Kits Feb 2022	24,289	123	0.51%
	207,887	866	0.42%

# Facebook Ad Campaigns

 **FACEBOOK AD GROUP PERFORMANCE**  
MSWD

Ad preview	Campaign Name	Link Clicks	Impr.	Reach	Frequency	Page Likes
	Redistricting Feb 2022	107	17,447	5,562	3.14	0

**MSWD: Value is Our Mission**





[www.mswd.org](http://www.mswd.org)

To gather public input on proposed division maps for its Board of Directors, Mission Springs Water District will host a virtual public hearing on Tuesday, February 22, 2022.

The public is invited to provide comments during the Public Hearing and/or in writing before the hearing regarding the proposed division boundaries for the redistricting process. Draft maps are available for review on the MSWD website.

There will not be a physical location for this meeting; however, the public is invited to join by phone or by Zoom. No registration is required.

298 162,758 49,518 3.29 22

Ad preview	Campaign Name	Link Clicks	Impr.	Reach	Frequency	Page Likes
 <p><b>MSWD: Value is Our Mission</b>  <a href="http://www.mswd.org">www.mswd.org</a>                      At Mission Springs Water District, Value is Our Mission. Click to learn more about how your household can receive a free conservation kit to help save water and lower your water bill.</p>	Conservation Kits Feb 2022	88	13,481	4,683	2.88	0
 <p><b>LIKE US</b>                      MSWD  <a href="http://www.facebook.com">www.facebook.com</a>                      Roses are red                      Our tap water tastes good                      Follow us on Facebook                      For water news in your neighborhood</p>	MSWD Page Likes Feb 2022	46	15,347	4,105	3.74	22
 <p><b>Stop flushing money away</b>                      Toilet rebates available  <b>MSWD - Rebates Available</b>  <a href="http://www.mswd.org">www.mswd.org</a>                      MSWD's Toilet Rebate Program is designed to assist homeowners who want to replace old toilets with newer, more efficient models. Rebates of up to \$100 per toilet are available to eligible homeowners on a first-come, first-served basis. Click to learn more.</p>	MSWD Toilet Rebates Feb 2022	41	115,244	40,064	2.88	0
 <p><b>Help us plan for the future</b>                      Join our redistricting hearing                      February 22 at 11 a.m.  <b>MSWD: Value is Our Mission</b>  <a href="http://www.mswd.org">www.mswd.org</a>                      To gather public input on proposed division maps for its Board of Directors, Mission Springs Water District will host a virtual public hearing on Tuesday, February 22, 2022.                       The public is invited to provide comments during the Public Hearing and/or in writing before the hearing regarding the proposed division boundaries for the redistricting process. Draft maps are available for review on the MSWD website.                       There will not be a physical location for this meeting; however, the public is invited to join by phone or by Zoom. No registration is required.</p>	Redistricting Feb 2022	16	1,239	954	1.3	0
		298	162,758	49,518	3.29	22

# Website Information

**PAGEVIEWS**  
WWW.MSWD.ORG - HTTP://WWW.MSWD.ORG - MSWD

**30,190**

**NEW VISITOR**  
WWW.MSWD.ORG - HTTP://WWW.MSWD.ORG - MSWD

**4,889**

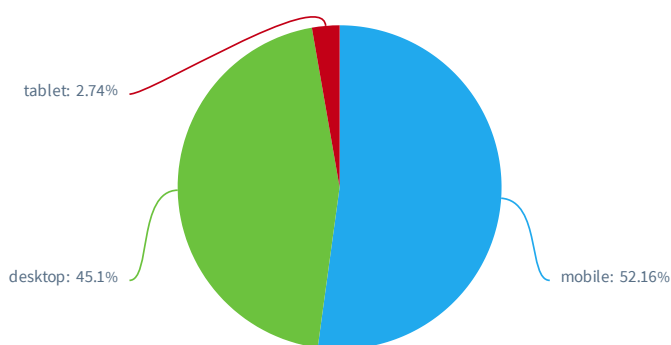
**USERS**  
WWW.MSWD.ORG - HTTP://WWW.MSWD.ORG - MSWD

**3,272**

**PAGEVIEWS**  
WWW.MSWD.ORG - HTTP://WWW.MSWD.ORG - MSWD

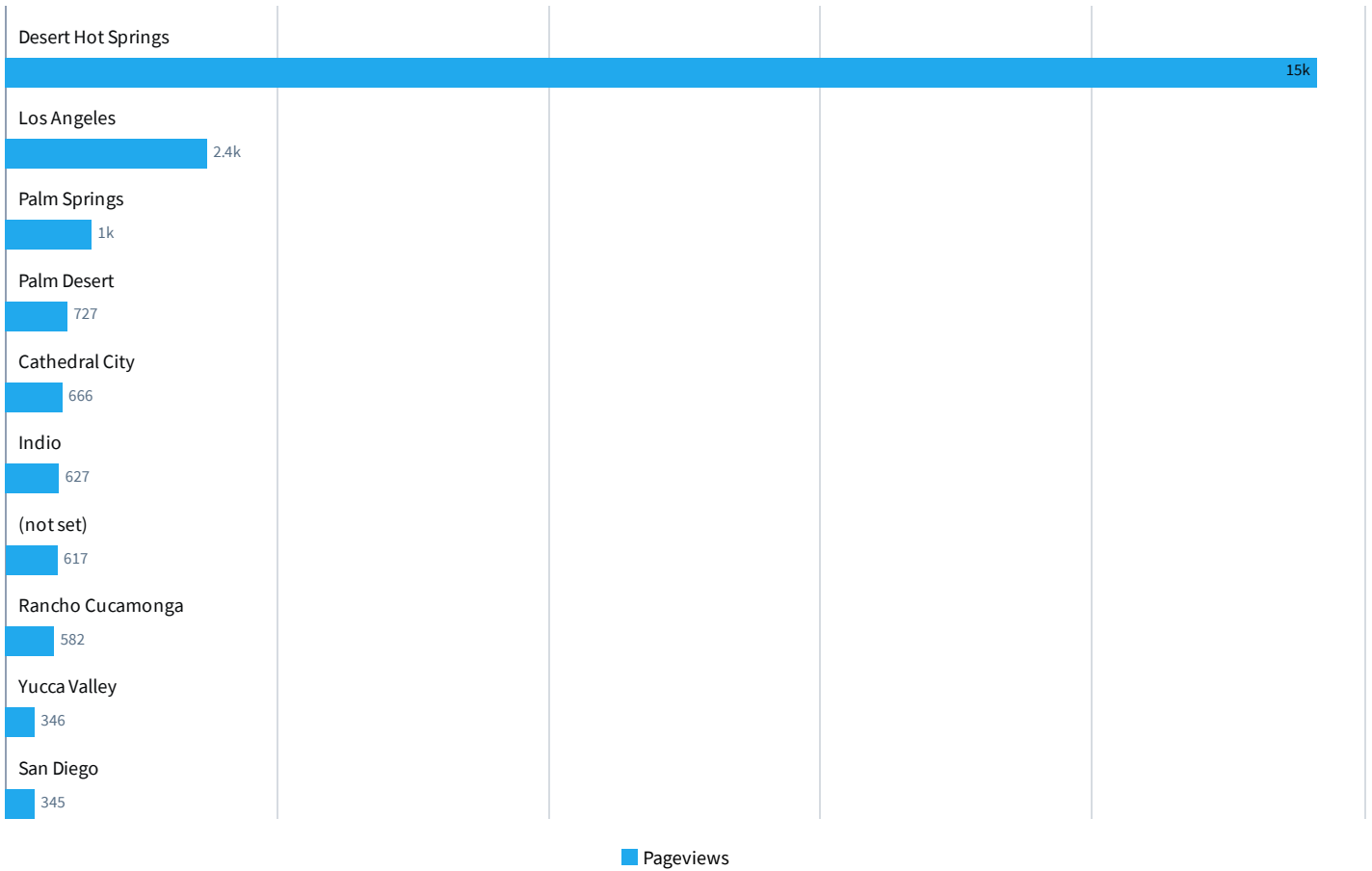
Page Title	Pageviews
Mission Springs Water District Home Page   Mission Springs Water District CA	6,191
Mission Springs Water District - Sign In	3,562
Mission Springs Water District - My Account	3,140
(not set)	1,930
Bill Pay Options   Mission Springs Water District CA	1,555
Mission Springs Water District - Pay Bills	1,394
Mission Springs Water District - Account Detail	1,017
Mission Springs Water District - Pay as a Guest	935
Mission Springs Water District - Payment Options	902
Mission Springs Water District - You Have Successfully Signed Off	803
	<b>30,190</b>

**SESSIONS / DEVICE CATEGORY**  
WWW.MSWD.ORG - HTTP://WWW.MSWD.ORG - MSWD



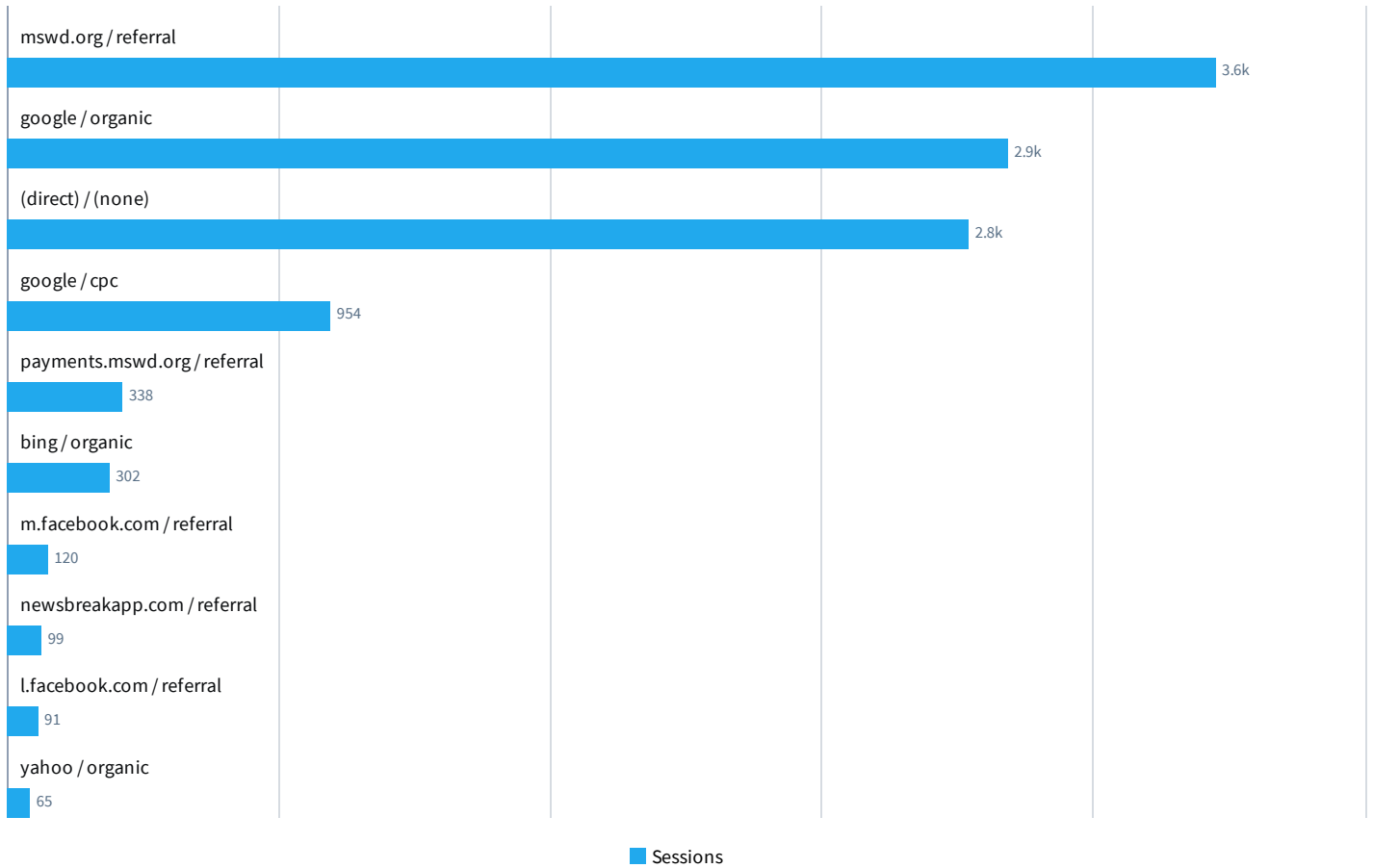
Item 19.

**PAGEVIEWS BY CITY**  
WWW.MSWD.ORG - HTTP://WWW.MSWD.ORG - MSWD





**USER REFERRERS**  
WWW.MSWD.ORG - HTTP://WWW.MSWD.ORG - MSWD



**AVG. SESSION DURATION**  
WWW.MSWD.ORG - HTTP://WWW.MSWD.ORG - MSWD

1m 50s

**PAGES / SESSION**  
WWW.MSWD.ORG - HTTP://WWW.MSWD.ORG - MSWD

2.61

**BOUNCE RATE**  
WWW.MSWD.ORG - HTTP://WWW.MSWD.ORG - MSWD

29.4%



# CVWC Digital Marketing Report

Website, Social, and Marketing Performance

**February, 2022**

by Hunter | Johnsen

## Google Ads Campaigns

 DISPLAY AD IMPRESSIONS  
CV WATER COUNTS

87,677

 SEARCH AD IMPRESSIONS  
CV WATER COUNTS

2,148

 VIDEO IMPRESSIONS  
CV WATER COUNTS

78,877

 CLICKS  
CV WATER COUNTS

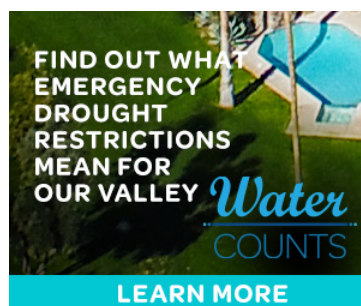
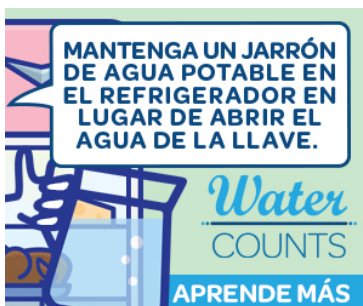
1,407


 CTR  
CV WATER COUNTS

0.83%

 GOOGLE PROGRAMMATIC DISPLAY AD CAMPAIGN PERFORMANCE  
CV WATER COUNTS

Campaign	Clicks	Impr.
CV Water Counts FEB 2022	522	59,124
Pitcher in the Fridge	455	50,979
Drought Restrictions	67	8,145
CV Water Counts FEB 2022 SPANISH	538	28,553
Drought Restrictions (Spanish)	503	26,370
Pitcher Fridge (Spanish)	35	2,183
	1,060	87,677



 GOOGLE YOUTUBE VIDEO AD CAMPAIGN PERFORMANCE  
CV WATER COUNTS

Account	Impr.	Engagements	Views	Clicks
CV Water Counts	78,877	25,241	10,260	170
CVWC Water Saving Tips YouTube Spanish Feb 2022 #2	40,789	14,186	6,615	90
CVWC Water Saving Tips English YouTube Feb 2022 #2	38,088	11,055	3,645	80
	78,877	25,241	10,260	170



### GOOGLE ADS PAID SEARCH CAMPAIGN PERFORMANCE

CV WATER COUNTS

Campaign	Clicks	Impr.
CVWC Search Campaign 2022	177	2,148
	177	2,148


### KEYWORDS PERFORMANCE

CV WATER COUNTS

Account	Clicks	Impr.	CTR
CV Water Counts	173	1,316	13.15%
water agency	72	624	11.54%
water rebates	37	166	22.29%
water company	35	371	9.43%
toilet rebate	13	35	37.14%
grass removal rebate	8	26	30.77%
washing machine rebate	6	48	12.5%
water agency map	1	3	33.33%
water preservation	1	28	3.57%
ways to conserve water	0	13	0%
two ways to save water	0	2	0%
	173	1,317	13.14%

# Facebook Ad Campaigns

**FACEBOOK AD PERFORMANCE**  
HUNTER JOHNSEN

Ad preview	Link Clicks	Impr.	Reach	Frequency	Page engagement
 <p><b>Tips to Save Water</b> cvwatercounts.com</p> <p>Did you know there are more than a hundred ways to save water? And some of them are really easy. Learn more water saving tips by clicking the link.</p>	270	34,924	14,599	2.39	357
	270	34,924	14,599	2.39	357

# Website Information

**PAGEVIEWS**  
CV WATER - CV WATER COUNTS - CV WATER COUNTS

3,625

**NEW VISITOR**  
CV WATER - CV WATER COUNTS - CV WATER COUNTS

1,792

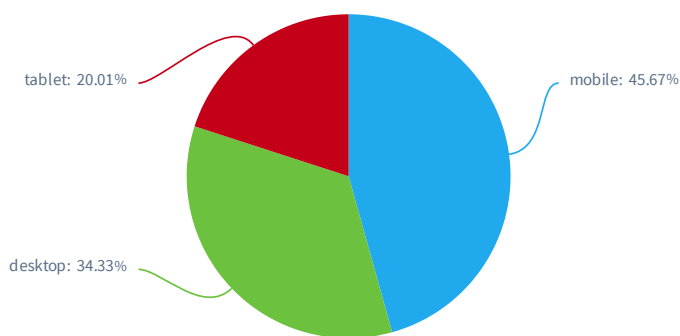
**RETURNING USERS**  
CV WATER - CV WATER COUNTS - CV WATER COUNTS

409

**PAGEVIEWS**  
CV WATER - CV WATER COUNTS - CV WATER COUNTS

Page path	Pageviews
/conservation-tips/	884
/emergency-drought-restrictions-what-it-means-for-the-coachella-valley/	807
/	224
/water-map/	202
/academy/academy-class-presentations/	161
/rebates/	148
/academy/	135
/plant-of-the-month-trailing-lantana-lantana-montevideensis/	63
/about/	57
/academy-class-recordings/	53
	3,625

**SESSIONS / DEVICE CATEGORY**  
CV WATER - CV WATER COUNTS - CV WATER COUNTS



**PAGES / SESSION**  
CV WATER - CV WATER COUNTS - CV WATER COUNTS

1.37

**AVG. SESSION DURATION**  
CV WATER - CV WATER COUNTS - CV WATER COUNTS

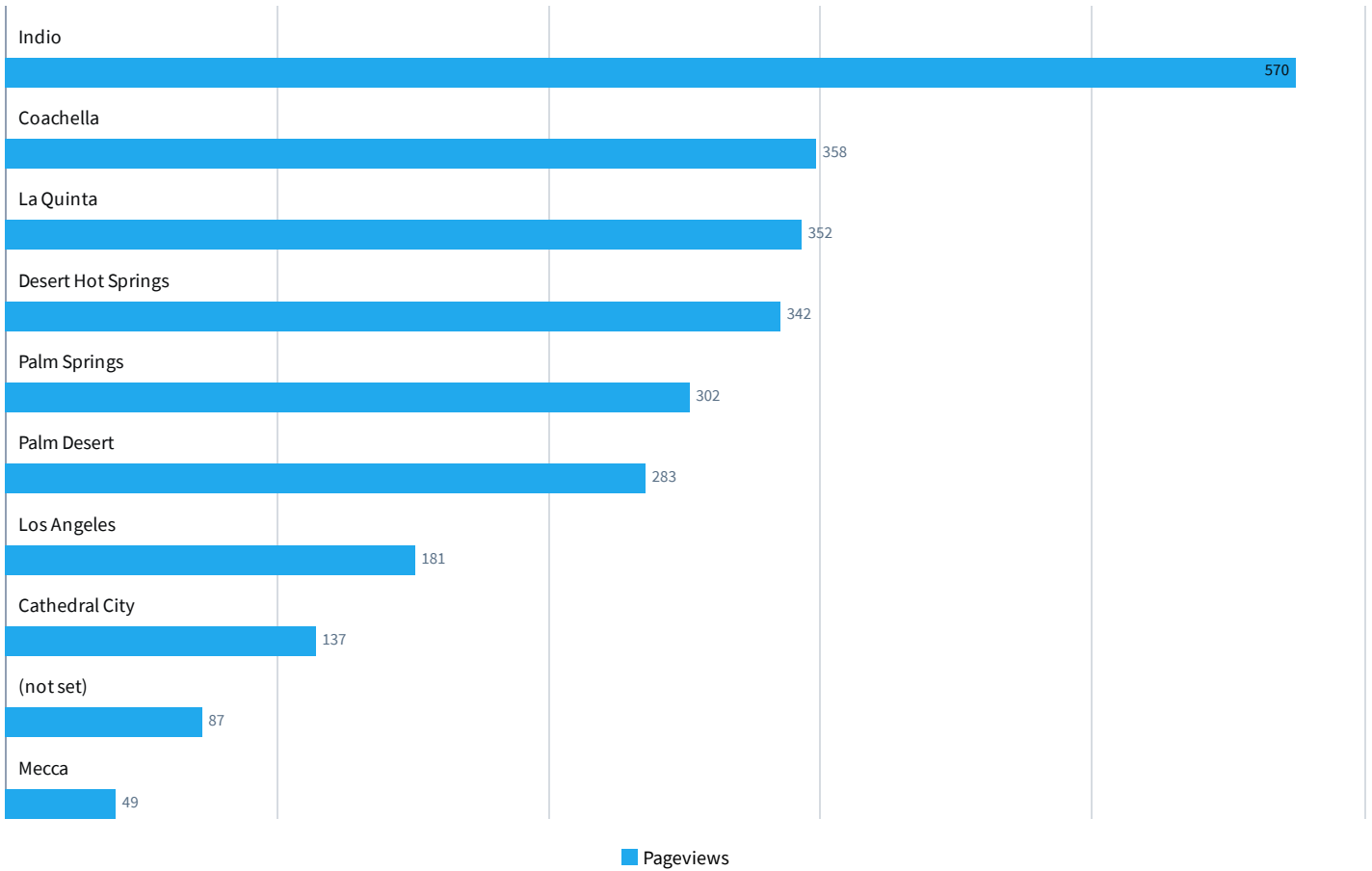
44s

**BOUNCE RATE**  
CV WATER - CV WATER COUNTS - CV WATER COUNTS

81.2%

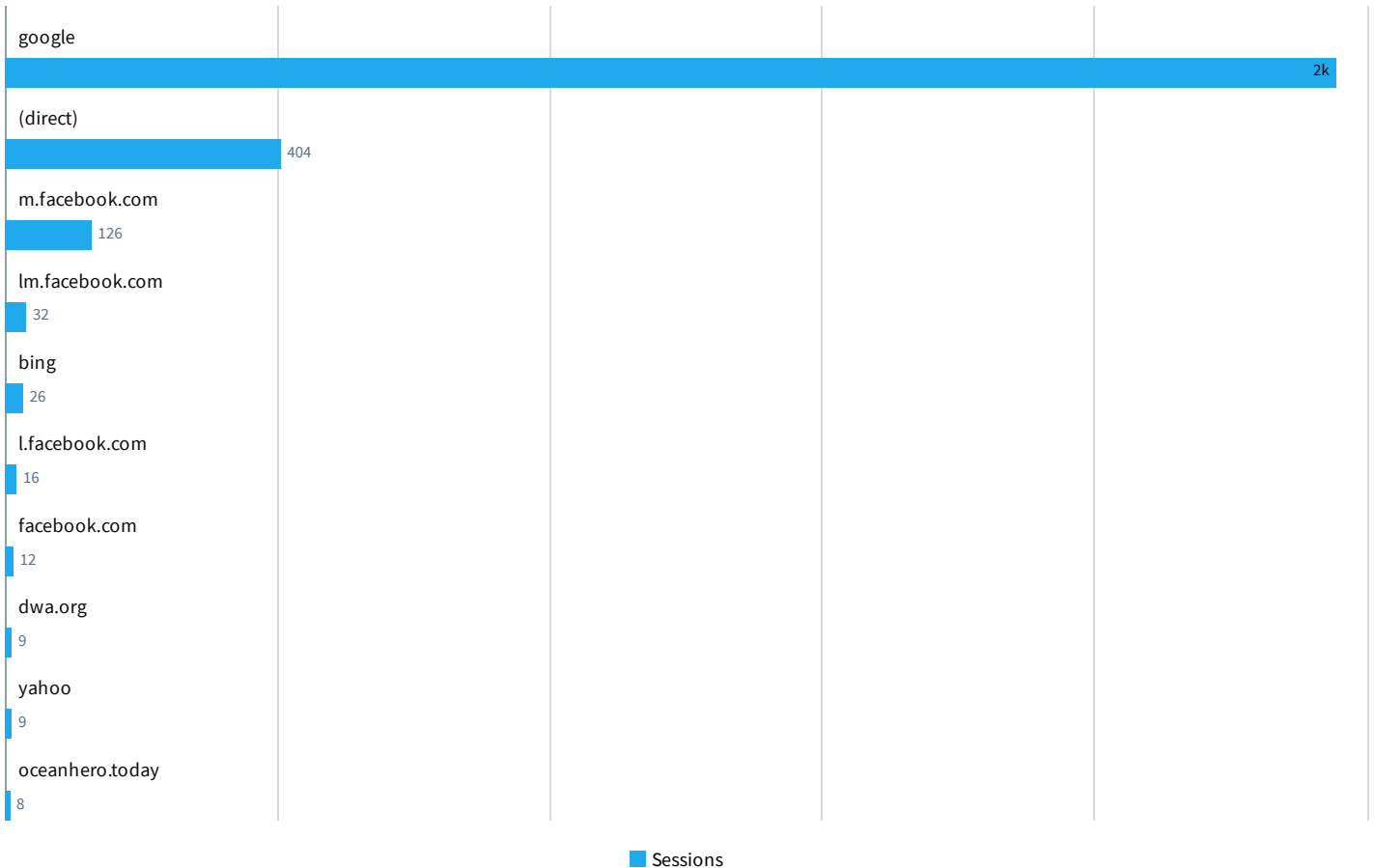
Item 19.

**PAGEVIEWS BY CITY**  
CV WATER - CV WATER COUNTS - CV WATER COUNTS



Item 19.

**USER REFERRERS**  
CV WATER - CV WATER COUNTS - CV WATER COUNTS



**HISTORY**  
PAST 13 MONTH: CV WATER - CV WATER COUNTS - CV WATER COUNTS

Month	Sessions	Users	Pageviews	Pages / session	Avg. session duration	Bounce rate	% new sessions
February 2022	2,654	1,912	3,625	1.37	44s	81.2%	67.48%
January 2022	8,388	6,410	10,465	1.25	43s	86.27%	74.61%
December 2021	5,138	4,105	6,353	1.24	37s	87.5%	77.29%
November 2021	6,014	4,869	7,628	1.27	34s	86.51%	79.12%
October 2021	2,133	1,588	2,825	1.32	37s	84.2%	70.46%
September 2021	2,035	1,501	2,791	1.37	49s	83.59%	70.37%
August 2021	2,090	1,439	2,877	1.38	56s	82.82%	65.17%
July 2021	2,278	1,553	3,216	1.41	56s	83.01%	63.48%
June 2021	2,354	1,575	3,103	1.32	44s	83.56%	62.7%
May 2021	2,394	1,558	3,117	1.3	37s	84.13%	60.44%
April 2021	2,640	1,820	4,353	1.65	48s	71.17%	63.98%
March 2021	2,899	2,108	4,617	1.59	52s	74.2%	68.4%
February 2021	2,304	1,604	3,576	1.55	1m 9s	79.86%	66.49%
	43,321	30,867	58,546	1.35	45s	83.24%	70.75%



# Organic Search

## TOP KEYWORDS CVWATERCOUNTS.COM/

Query	Impr.	Clicks	CTR	Avg. position
lake cahuilla	5,724	0	0%	4.43
conserve water	1,092	0	0%	7.08
water wise	567	0	0%	7.82
lantana ground cover	541	12	2.22%	5.92
water pledge	538	0	0%	10.25
conserve	462	0	0%	11.25
cv water	295	1	0.34%	7.39
cahuilla lake	245	0	0%	8.25
pledge on water saving	171	0	0%	1.4
trailing lantana	164	1	0.61%	11.29
	9,799	14	0.14%	7.51

## TOP PAGES CVWATERCOUNTS.COM/

Page	Impr.	Clicks	CTR	Avg. position
<a href="https://cvwatercounts.com/lake-cahuilla-recreation-and-reliability/">https://cvwatercounts.com/lake-cahuilla-recreation-and-reliability/</a>	7,236	9	0.12%	5.58
<a href="https://cvwatercounts.com/take-the-pledge-to-conserve-water-for-your-new-years-resolution/">https://cvwatercounts.com/take-the-pledge-to-conserve-water-for-your-new-years-resolution/</a>	2,587	1	0.04%	6.5
<a href="https://cvwatercounts.com/plant-of-the-month-trailing-lantana-lantana-montevideensis/">https://cvwatercounts.com/plant-of-the-month-trailing-lantana-lantana-montevideensis/</a>	1,768	29	1.64%	21.4
<a href="https://cvwatercounts.com/save-water-pledge/">https://cvwatercounts.com/save-water-pledge/</a>	1,434	8	0.56%	5.62
<a href="https://cvwatercounts.com/celebrate-earth-day-by-being-water-wise/">https://cvwatercounts.com/celebrate-earth-day-by-being-water-wise/</a>	787	0	0%	8.86
<a href="https://cvwatercounts.com/eco-friendly-car-washes-in-the-coachella-valley/">https://cvwatercounts.com/eco-friendly-car-washes-in-the-coachella-valley/</a>	670	0	0%	37.44
<a href="https://cvwatercounts.com/wp-content/uploads/2019/02/Golf-and-Recycled-Water.pdf">https://cvwatercounts.com/wp-content/uploads/2019/02/Golf-and-Recycled-Water.pdf</a>	560	13	2.32%	29.11
<a href="https://cvwatercounts.com/where-does-the-coachella-valley-water-come-from/">https://cvwatercounts.com/where-does-the-coachella-valley-water-come-from/</a>	527	9	1.71%	12.23
<a href="https://cvwatercounts.com/two-dozens-vegetables-to-plant-by-mid-october-in-palm-springs-and-the-coachella-valley/">https://cvwatercounts.com/two-dozens-vegetables-to-plant-by-mid-october-in-palm-springs-and-the-coachella-valley/</a>	486	26	5.35%	20.82
<a href="https://cvwatercounts.com/">https://cvwatercounts.com/</a>	435	18	4.14%	10.19
	16,490	113	0.69%	15.78

# Facebook Information

**f** IMPRESSIONS  
CV WATER COUNTS

35,932

**f** REACH  
CV WATER COUNTS

14,349

**f** NEW PAGE LIKES  
CV WATER COUNTS

2

**f** ENGAGED USERS  
CV WATER COUNTS

660





**f** PAGE VIEWS  
CV WATER COUNTS

69

**f** LIFETIME PAGE LIKES  
CV WATER COUNTS







3,977

**f** POSTS  
CV WATER COUNTS

Post	Created at	Post reach	Engaged users	Post engagement rate	Likes	Comments
 <p>IWA's service area coverage...</p>	February 28, 2022	12	0	0%	0	0
 <p>Be sure to check our R...</p>	February 26, 2022	21	1	5%	1	0
 <p>Rain alert</p>	February 25, 2022	51	1	2%	1	0
 <p>When washing your ha...</p>	February 24, 2022	45	1	2%	1	0

790 18 2% 16 1







Item 19.

Post	Created at	Post reach	Engaged users	Post engagement rate	Likes	Comments
 <p>When sprinklers sit on ...</p>	February 23, 2022	34	1	3%	1	0
 <p>Most of us living in Cali...</p>	February 20, 2022	19	1	5%	1	0
 <p>If you or someone you...</p>	February 18, 2022	24	0	0%	0	0
<p>CV Water Counts upda...</p>	February 18, 2022	51	1	2%	1	0
 <p>Ornamental grasses ar...</p>	February 17, 2022	36	1	3%	0	0
 <p>Happy Valentine's Day!</p>	February 14, 2022	69	3	4%	3	0
 <p>On January 4, 2022, th...</p>	February 11, 2022	20	0	0%	0	0

790 18 2% 16 1

259


Item 19.

Post	Created at	Post reach	Engaged users	Post engagement rate	Likes	Comments
 <p>When you give your pe...</p>	February 10, 2022	52	1	2%	1	0
 <p>Did you know the Coac...</p>	February 7, 2022	37	0	0%	0	0
 <p>CV Water Counts upda...</p>	February 4, 2022	47	0	0%	0	0
 <p>According to the Natio...</p>	February 4, 2022	36	0	0%	0	0
 <p>The CV Water Counts A...</p>	February 4, 2022	85	3	4%	3	0
 <p>Monitor your water bill...</p>	February 3, 2022	89	1	1%	0	1

790 18 2% 16 1

260

Item 19.

Post	Created at	Post reach	Engaged users	Post engagement rate	Likes	Comments
 <a href="#">Tip of the Month: Keep...</a>	February 2, 2022	62	3	5%	3	0
		790	18	2%	16	1

# Instagram Information

 **IMPRESSIONS**  
CV WATER COUNTS

1,570

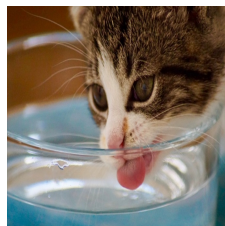

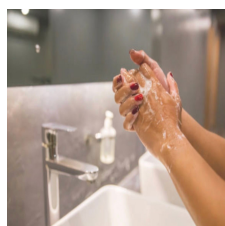

 **LIKES**  
CV WATER COUNTS

8

 **FOLLOWERS (TOTAL)**  
CV WATER COUNTS

222

 **MEDIA PERFORMANCE**  
CV WATER COUNTS

Media	Impr.	Engagement	Reach	Saved	Video views
 <a href="#">When you give your pe...</a>	30	1	25	0	0
 <a href="#">The CV Water Counts A...</a>	24	4	19	0	0
 <a href="#">When washing your ha...</a>	23	2	20	0	0
 <a href="#">Happy Valentine's Day!</a>	22	1	18	0	0
	99	8	82	0	0

# Twitter Information

## TWEET HIGHLIGHTS

**Top Tweet** earned 104 impressions

The CV Water Counts Academy 2022 kicked off this week, with a record-setting number in the class!  
[pic.twitter.com/dWRxDPwYaD](https://pic.twitter.com/dWRxDPwYaD)



3

[View Tweet activity](#) [View all Tweet activity](#)

**Top Follower** followed by 11 people



**Kevin Fitzgerald**  
 @kfitz288 FOLLOWS YOU  
 Manager, Governmental Affairs at SCGA  
[View profile](#)

**Top mention** earned 5 engagements

**Desert Water Agency**  
 @DWAwater · Feb 3

Water Counts Academy started today with great presentations from @CVWD experts. DWA is proud to be part of @CVWaterCounts and provide this behind-the-scenes educational opportunity. To learn more about the annual program go to [cvwatercounts.com/academy](https://cvwatercounts.com/academy)  
[pic.twitter.com/4Ev7CZwoSk](https://pic.twitter.com/4Ev7CZwoSk)



2

[View Tweet](#)

**Top media Tweet** earned 100 impressions

Tip of the Month: Keep a pitcher of drinking water in the refrigerator instead of running the tap. [pic.twitter.com/LGt7wini](https://pic.twitter.com/LGt7wini)



4

[View Tweet activity](#) [View all Tweet activity](#)



## FEB 2022 SUMMARY

Tweets	15	Tweet impressions	1,090
Profile visits	354	Mentions	1
New followers	0		

# E-Blast Information

## CAMPAIGN PERFORMANCE

CV WATER COUNTS

Campaign	Send Time	Emails Sent	Total Opens	Open Rate	Industry Open Rate	Total Clicks	Click Rate	Industry Click Rate	Hard Bounces	Unsubscribe Count
CV Water Counts February 2022	Wednesday, February 2, 2022 6:15 PM	500	501	48.6%	15.45%	67	7.8%	0.75%	1	1
		500	501	48.6%	15.45%	67	7.8%	0.75%	1	1




# MSWD Social Analytics

February 2022

Mission Springs Water District Social Media Analytics




### Included in this Report

 @MSWaterDistrict

 Mission Springs Water District

 Beatrice Makabeh Eslamboly (All 104 C...

 missionspringswaterdistrict

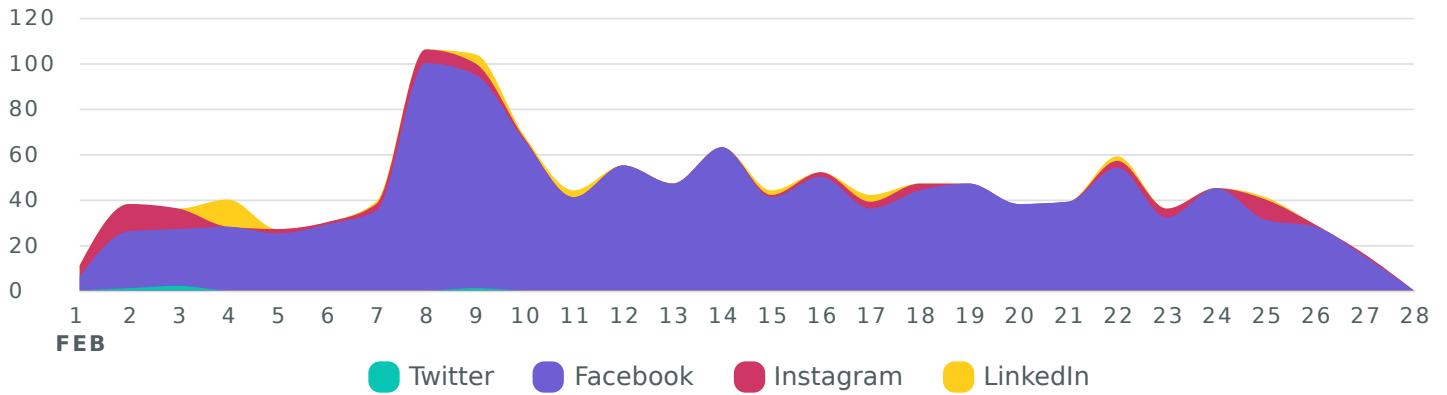
 Mission Springs Water District

### Cross-Network Engagement

See how people are engaging with your posts during the reporting period.

Profile
Reporting Period
All Profiles
All Twitter Post Types

Engagements, by Day



Engagement Metrics	Totals	% Change
<b>Total Engagements</b> ⓘ	<b>1,243</b>	↘ <b>33.6%</b>
Twitter Engagements	4	↗ —
Facebook Engagements	1,139	↘ 35.4%
Instagram Engagements	71	↘ 30.4%
LinkedIn Engagements	29	↗ 383.3%
<b>Engagement Rate (per Impression)</b> ⓘ	<b>0.7%</b>	↗ <b>15.3%</b>

### Cross-Network Performance Summary

View your key profile performance metrics from the reporting period.

- Profile
- Reporting Period
- All Profiles
- All Twitter Post Types

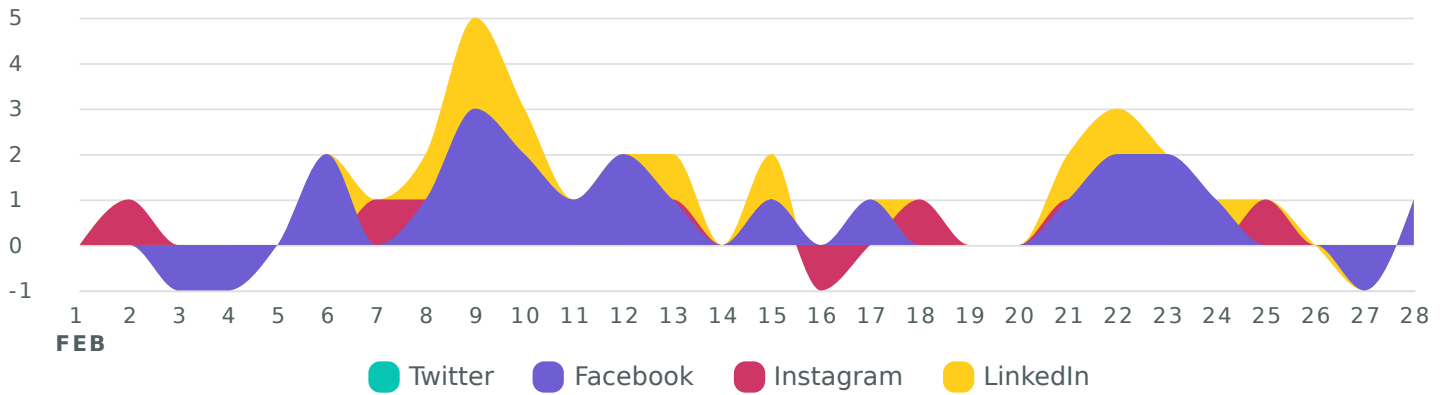
Impressions ⓘ <b>168,105</b> ↘ 42.4%	Engagements ⓘ <b>1,243</b> ↘ 33.6%	Post Link Clicks ⓘ <b>318</b> ↘ 18.5%
---	---------------------------------------	--

### Cross-Network Audience Growth

See how your audience grew during the reporting period.

Profile
Reporting Period
All Profiles
All Twitter Post Types

Net Audience Growth, by Day



Audience Metrics	Totals	% Change
<b>Total Audience</b> ⓘ	<b>1,512</b>	<b>↗2%</b>
<b>Total Net Audience Growth</b> ⓘ	<b>30</b>	<b>↘30.2%</b>
Twitter Net Follower Growth	0	↘100%
Facebook Net Page Likes	18	↘45.5%
Instagram Net Follower Growth	10	↗66.7%
LinkedIn Net Follower Growth	2	↘33.3%

### FACEBOOK

## Facebook Performance Summary

View your key profile performance metrics from the reporting period.

 Profile  Reporting Period  Mission Springs Water District

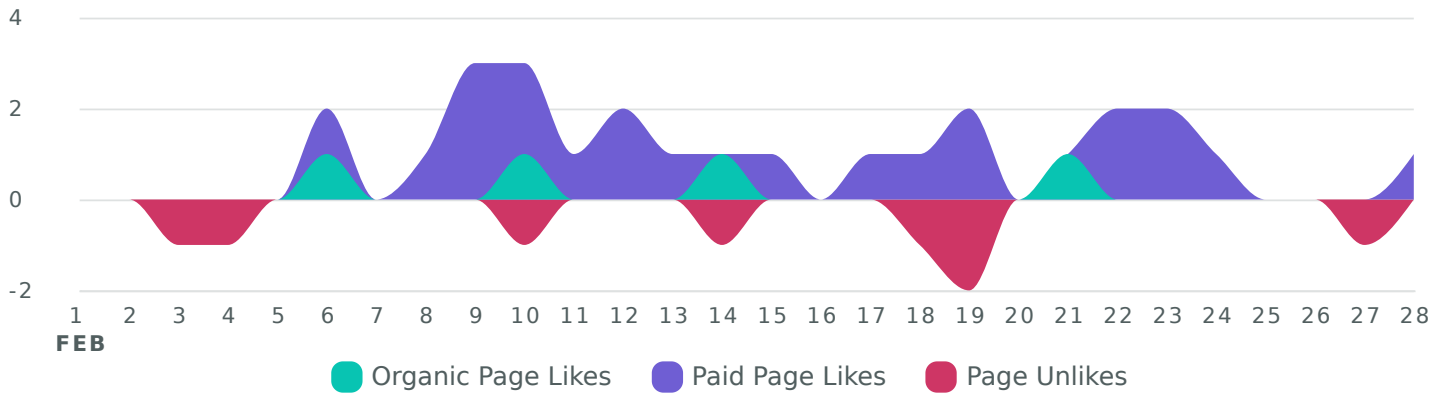
<p>Impressions</p> <p><b>165,886</b> ↘ 43%</p>	<p>Engagements</p> <p><b>1,139</b> ↘ 35.4%</p>	<p>Post Link Clicks</p> <p><b>312</b> ↘ 19.8%</p>
--	--	---

## Facebook Audience Growth

See how your audience grew during the reporting period.

Profile
Reporting Period
Mission Springs Water District

Net Page Likes Breakdown, by Day




Audience Metrics	Totals	% Change
<b>Fans</b>	<b>1,138</b>	<b>↗1.6%</b>
<b>Net Page Likes</b>	<b>18</b>	<b>↘45.5%</b>
Organic Page Likes	4	↗100%
Paid Page Likes	22	↘55.1%
Page Unlikes	8	↘55.6%

### Facebook Top Posts

Review your top posts published during the selected time period, based on the post's lifetime performance.


📌 Post
📌 Lifetime
📌 Mission Springs Water District

Descending by Lifetime Engagements



**📌 Mission Spring...**  
Wed 2/9/2022 11:31 am...

What does it take to provide water and wastewater services to our community?...




<b>Total Engagements</b>	<b>29</b>
Reactions	<b>12</b>
Comments	<b>0</b>
Shares	<b>2</b>
Post Link Clicks	<b>—</b>
Other Post Clicks	<b>15</b>




**📌 Mission Spring...**  
Fri 2/18/2022 12:40 pm ...

#DYK that in addition to providing award-winning drinking water, we also trea...

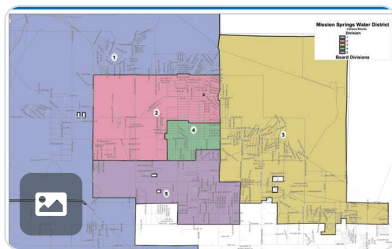


<b>Total Engagements</b>	<b>20</b>
Reactions	<b>8</b>
Comments	<b>0</b>
Shares	<b>0</b>
Post Link Clicks	<b>—</b>
Other Post Clicks	<b>12</b>



**📌 Mission Spring...**  
Tue 2/8/2022 5:09 pm PST

We are working on our redistrict and we want to hear from you! Public Hearing is scheduled for



<b>Total Engagements</b>	<b>20</b>
Reactions	<b>7</b>
Comments	<b>0</b>
Shares	<b>2</b>
Post Link Clicks	<b>5</b>
Other Post Clicks	<b>6</b>

### INSTAGRAM

### Instagram Performance Summary

View your key profile performance metrics from the reporting period.

 Profile  Reporting Period  missionspringswaterdistrict

Impressions <b>1,725</b> ↗ 230.5%	Engagements <b>71</b> ↘ 30.4%	Profile Actions <b>0</b> ↘ 100%
--------------------------------------	----------------------------------	------------------------------------

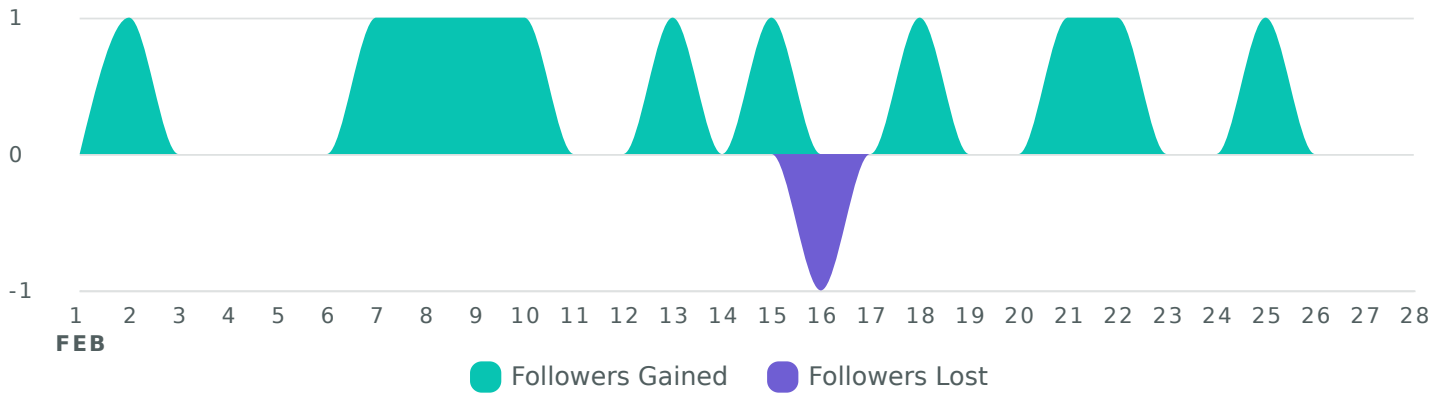


### Instagram Audience Growth

See how your audience grew during the reporting period.

Profile
Reporting Period
missionspringswaterdistrict

Net Follower Growth Breakdown, by Day









Audience Metrics	Totals	% Change
<b>Followers</b>	<b>212</b>	<b>↗5%</b>
<b>Net Follower Growth</b>	<b>10</b>	<b>↗66.7%</b>
Followers Gained	11	↗57.1%
Followers Lost	1	→0%

### Instagram Top Posts & Stories

Review your top posts and stories published during the selected time period, based on the post or story's lifetime performance.

📌 Post
📌 Lifetime
📷 missionspringswaterdistrict

Descending by Lifetime Engagements

Post	Date	Total Engagements	Likes	Comments	Saves
 <b>missionsprings...</b> Mon 2/7/2022 12:08 pm ... Please join us in welcoming Manuel Gomez, MSWD's new Field Operations Technician ... 	8	8	0	0	
 <b>missionsprings...</b> Wed 2/2/2022 10:07 am... Please join us in welcoming Chad Finch, MSWD's new Water Production and... 	8	7	1	0	
 <b>missionsprings...</b> Thu 2/24/2022 10:53 a... Have you fallen behind on your water bills? We can help! To help customers impacted... 	7	7	0	0	

### TWITTER

## Twitter Performance Summary

View your key profile performance metrics from the reporting period.

 Profile  Reporting Period  @MSWaterDistrict  All Twitter Post Types

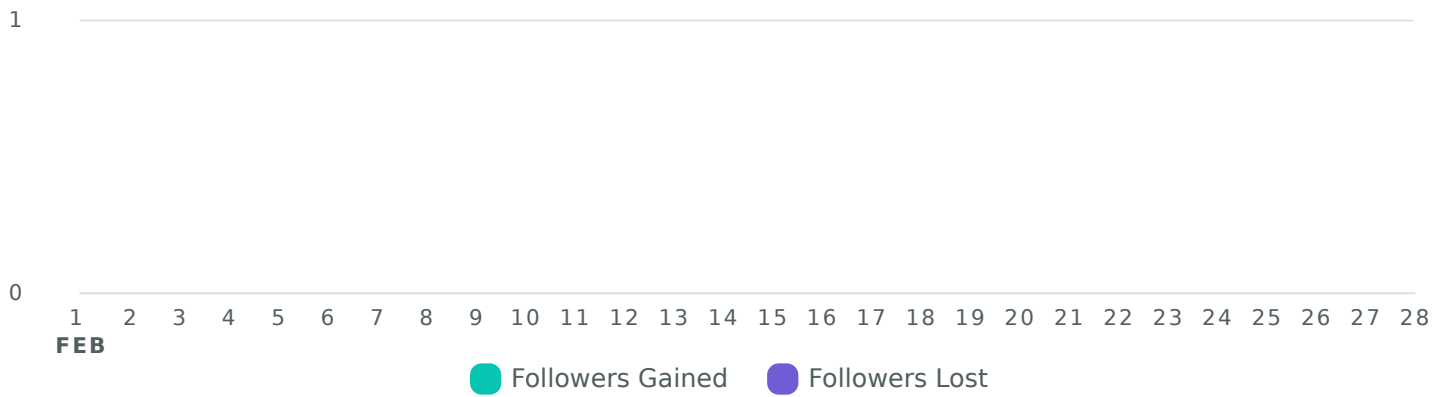
Impressions <b>352</b> ↗21.8%	Engagements <b>4</b> ↗—	Post Link Clicks <b>0</b> →0%
----------------------------------	----------------------------	----------------------------------

## Twitter Audience Growth

See how your audience grew during the reporting period.

Profile
Reporting Period
@MSWaterDistrict
All Twitter Post Types

Net Follower Growth Breakdown, by Day




Audience Metrics	Totals	% Change
<b>Followers</b>	<b>79</b>	<b>→0%</b>
<b>Net Follower Growth</b>	<b>0</b>	<b>↘100%</b>
Followers Gained	0	↘100%
Followers Lost	0	→0%
<b>Following</b>	<b>100</b>	<b>→0%</b>

### Twitter Top Posts

Review your top posts published during the selected time period, based on the post's lifetime performance.

🚩 Post
🚩 Lifetime
🐦 @MSWaterDistrict
🗨️ All Twitter Post Types


Descending by Lifetime Engagements



🐦 @MSWaterDist...  
Wed 2/2/2022 3:37 pm ...


Happy Groundhog Day! Remember to conserve water and don't spend too much time in the shower.  
<https://t.co/u46Ldqgy>  
**#GroundhogDay**  
**#MSWD**

<b>Total Engagements</b>	<b>2</b>
Likes	1
Comments	0
Shares	1
Post Link Clicks	0
Other Post Clicks	0
Other Engagements	0



🐦 @MSWaterDist...  
Sun 2/6/2022 1:35 am UTC

Shout-out to  
**#NationalWeathermansDay**  
 We appreciate anyone who h...



<b>Total Engagements</b>	<b>1</b>
Likes	1
Comments	0
Shares	0
Post Link Clicks	—
Other Post Clicks	0
Other Engagements	0

## LINKEDIN

### LinkedIn Performance Summary

View your key profile performance metrics from the reporting period.

 Profile  Reporting Period  Mission Springs Water District

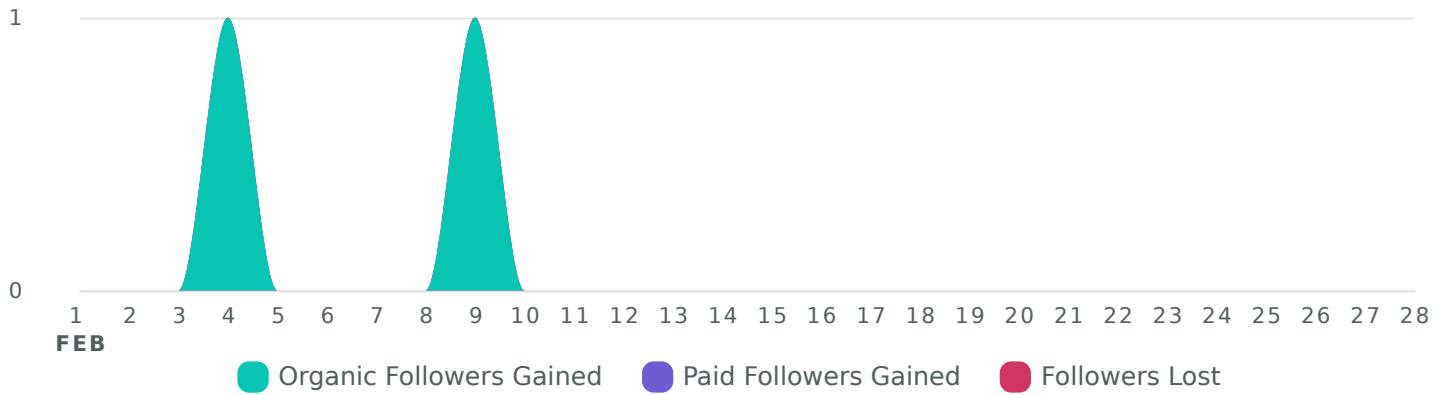
Impressions <b>142</b> ↗10.1%	Engagements <b>29</b> ↗383.3%	Post Clicks (All) <b>6</b> ↗500%
----------------------------------	----------------------------------	-------------------------------------

## LinkedIn Audience Growth

See how your audience grew during the reporting period.

Profile
Reporting Period
Mission Springs Water District

Net Follower Growth Breakdown, by Day



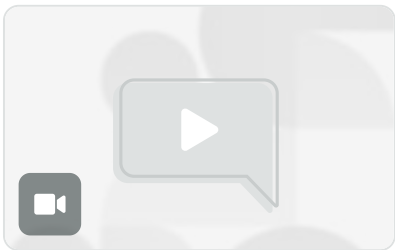

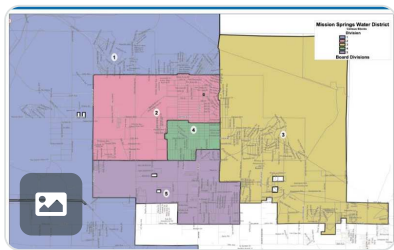
Audience Metrics	Totals	% Change
<b>Followers</b>	<b>83</b>	<b>↗2.5%</b>
<b>Net Follower Growth</b>	<b>2</b>	<b>↘33.3%</b>
Organic Followers Gained	2	↘33.3%
Paid Followers Gained	0	→0%
Followers Lost	0	→0%

### LinkedIn Top Posts

Review your top posts published during the selected time period, based on the post's lifetime performance.

📌 Post
📌 Lifetime
in Mission Springs Water District

Descending by Lifetime Engagements

MS	in Mission Spring...	Date	Time
MS	in Mission Spring...	Wed 2/9/2022	7:31 pm ...
<p>What does it take to provide water and wastewater services to our community?...</p> 			
<b>Total Engagements</b>		<b>8</b>	
Reactions		<b>3</b>	
Comments		<b>1</b>	
Shares		<b>1</b>	
Post Link Clicks		<b>3</b>	
MS	in Mission Spring...	Thu 2/3/2022	5:40 pm UTC
<p>We're helping with our community's blood shortage by partnering with Life Stre...</p> 			
<b>Total Engagements</b>		<b>7</b>	
Reactions		<b>4</b>	
Comments		<b>0</b>	
Shares		<b>3</b>	
Post Link Clicks		<b>0</b>	
MS	in Mission Spring...	Wed 2/16/2022	11:33 p...
<p>All of our customers deserve proper representation. That is why we are encouraging th...</p> 			
<b>Total Engagements</b>		<b>3</b>	
Reactions		<b>1</b>	
Comments		<b>0</b>	
Shares		<b>1</b>	
Post Link Clicks		<b>1</b>	

### SPONSORED POSTS

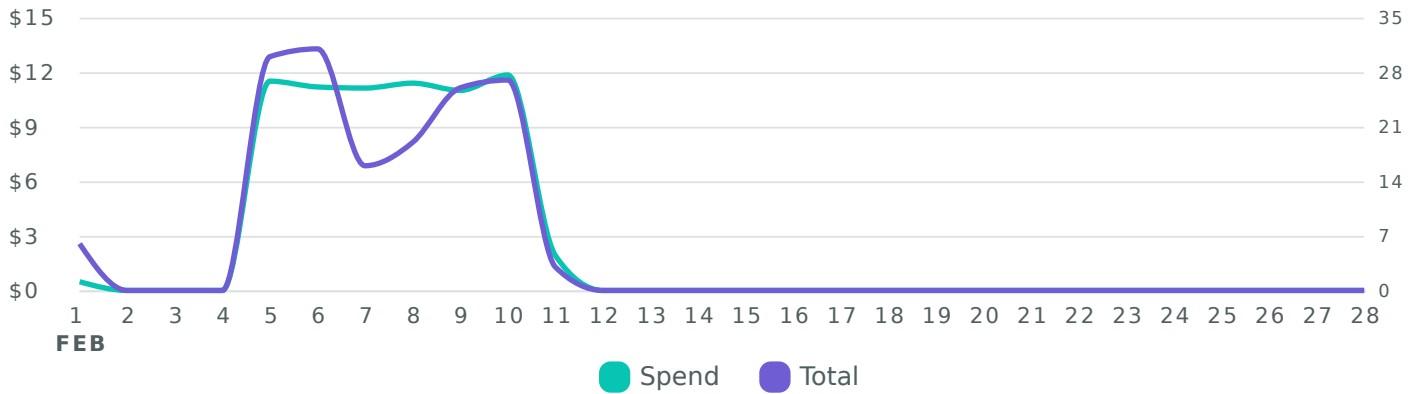


## Facebook & Instagram Paid Engagement

Visualize and analyze how people are engaging with your paid campaigns during the reporting period.

🇺🇸 Paid
📅 Reporting Period
🇺🇸 All Ad Accounts & Campaigns

Engagements, by Day



Engagement, by Engagement Type	Totals	% Change
<b>Total Engagements</b>	<b>158</b>	↘ 90.9%
Reactions	<b>137</b>	↘ 20.3%
Shares	<b>0</b>	↘ 100%
Comments	<b>2</b>	↗ —
Link Clicks	<b>10</b>	↘ 97.4%
Other	<b>9</b>	↘ 99.2%

## Facebook & Instagram Paid Engagement

Visualize and analyze how people are engaging with your paid campaigns during the reporting period.

👛 Paid
📅 Reporting Period
📘 All Ad Accounts & Campaigns

Engagements, by Day

Engagement Metrics	Totals	% Change
CPE	<b>\$0.45</b>	<span style="color: green;">↗</span> 761.1%
Engagement Rate (per Impression)	<b>4.7%</b>	<span style="color: grey;">↘</span> 60.9%
Average Daily Engagements	<b>5.64</b>	<span style="color: grey;">↘</span> 90.9%

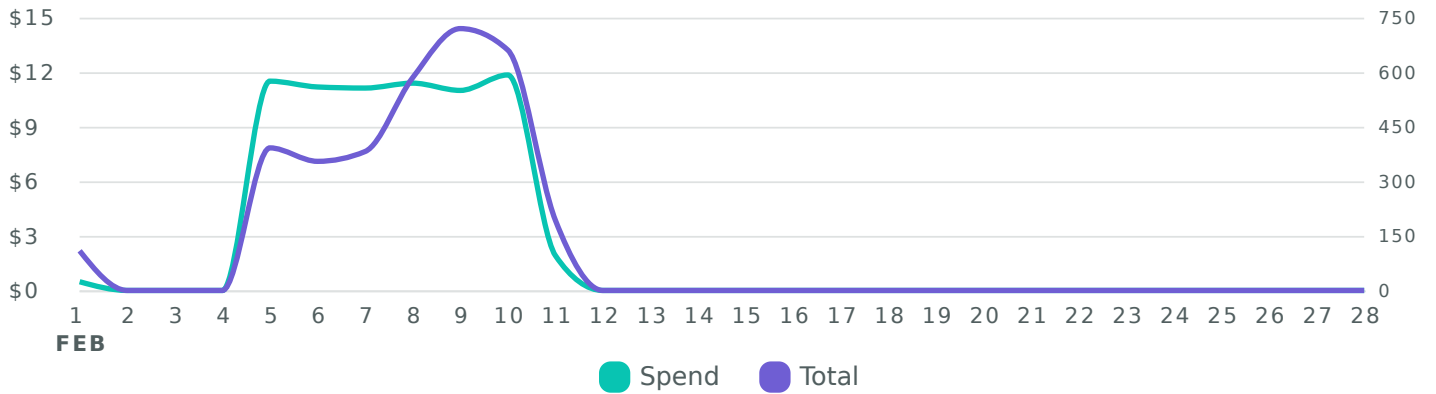
📘 Campaign **Post: "Valley Sanitary District wants to hear from you!"** received the most engagement

## Facebook & Instagram Paid Impressions

Review how many times your content was seen by the targeted audience during the reporting period.

📄 Paid
📅 Reporting Period
📘 All Ad Accounts & Campaigns

Impressions, by Day



Impression Metrics	Totals	% Change
<b>Total Impressions</b>	<b>3,397</b>	↘ 76.6%

Impression Metrics	Totals	% Change
CPM	<b>\$20.75</b>	↗ 236.5%
Average Daily Impressions	<b>121.32</b>	↘ 76.6%