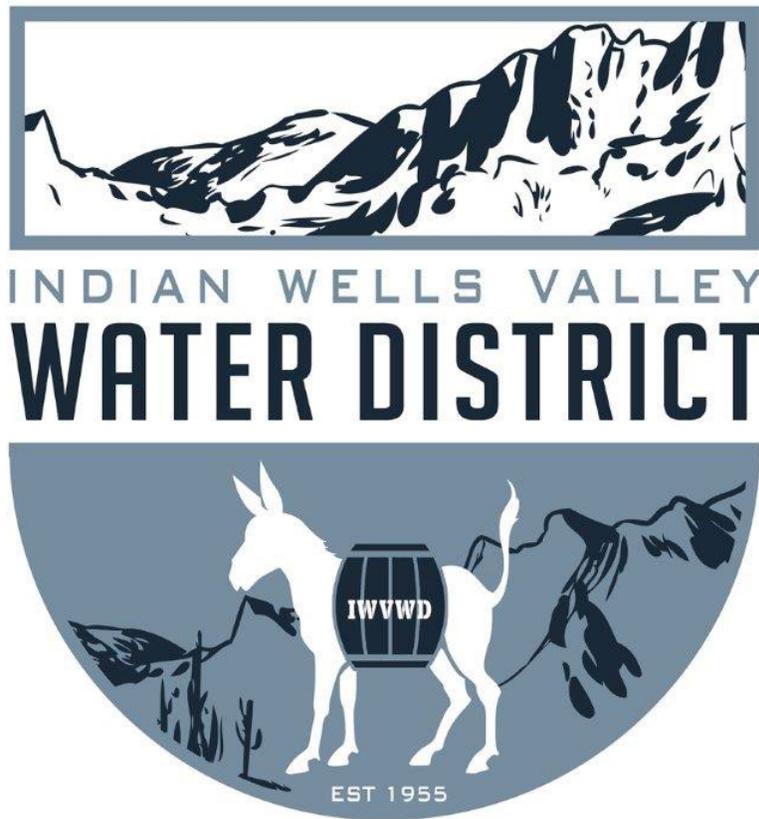


# INDIAN WELLS VALLEY WATER DISTRICT

Board of Directors Meeting



**August 14, 2023**



# INDIAN WELLS VALLEY WATER DISTRICT



## BOARD OF DIRECTORS

Mallory J. Boyd, President  
Ronald R. Kicinski, Vice President  
Charles D. Griffin  
Stanley G. Rajtora  
David C. H. Saint-Amand

Donald M. Zdeba  
*General Manager*  
Krieger & Stewart, Incorporated  
*Engineers*  
McMurtrey, Hartsock & Worth  
*Attorneys-at-Law*

## 2023 COMMITTEE ASSIGNMENTS

### ADMINISTRATION/EXECUTIVE COMMITTEE (BOYD/KICINSKI)

Personnel, Legal Matters, General Plan, Community Relations, Board Meeting Agendas, Ordinances, Rules, Regulations, Policies, Procedures, Customer Service, Variances, Director's Manual, etc.

### FINANCE COMMITTEE (RAJTORA/SAINT-AMAND)

Rates, Cost-of-Service, Budget, Audits, Cost Allocation, Investments, Financial Services, Insurance, Loans/Grants, Water Sales & Service Policy Manual, Accounting, Assessment Districts, Billing, etc.

### PLANT & EQUIPMENT COMMITTEE (GRIFFIN/RAJTORA)

Transmission/Distribution System, Vehicles & Equipment, Wells, Reservoirs, Real Property Management, Telemetry, etc.

### WATER MANAGEMENT (GRIFFIN/KICINSKI)

Groundwater Sustainability Act, Indian Wells Valley Groundwater Authority, Water Management, Water Policy, Water Quality, Conservation, Urban Water Management Plan, California Urban Water Conservation Council, Title 22 Compliance, Alternative sources for water supply including Blending, Importation, Reuse, etc.

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Committee Meetings are generally scheduled on a regular day and time.  
Committee Meetings are subject to change.

**Administration/Executive**  
**Finance**  
**Plant & Equipment**  
**Water Management**

Wednesday before the Board Meeting at 3:00 p.m.  
Tuesday before the Board Meeting at 2:30 p.m.  
Tuesday before the Board Meeting at 2:00 p.m.  
Last Thursday of the month at 2:00 p.m.

BOARD OF DIRECTORS  
INDIAN WELLS VALLEY WATER DISTRICT

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REGULAR BOARD MEETING

AGENDA

MONDAY, AUGUST 14, 2023  
**CLOSED SESSION - 4:30 P.M.**  
**OPEN SESSION - 6:00 P.M.**

BOARD OF DIRECTORS' HEARING ROOM  
500 W. RIDGECREST BLVD., RIDGECREST

➤ **Watch meetings on-line:**

All District meetings are streamed live on the District's YouTube channel at:

<https://www.youtube.com/@IWVWD>

Recordings will be available for viewing after the meeting on the District's YouTube page.

➤ **Call in for public comments:**

To make a public comment, please call: (760) 375-7548.

Callers will be placed in a queue and answered in the order they were received. If a member of the public wishes to comment on multiple items, they will need to call in as each item is presented to the Board.

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*(In compliance with the Americans with Disabilities Act, if you are a disabled person and you need a disability-related modification or accommodation to participate in this meeting, please contact Lauren Smith at (760) 384-5502. Requests must be made as early as possible and at least one full business day before the start of the meeting. Pursuant to Government Code section 54957.5, any materials relating to an open session item on this agenda, distributed to the Board of Directors after the distribution of the agenda packet, will be made available for public inspection at the time of distribution at the following location: Indian Wells Valley Water District, 500 W. Ridgecrest Blvd., Ridgecrest, CA.)*

1. Call to Order
2. Pledge of Allegiance
3. Roll Call
4. Posting of Agenda Declaration
5. Conflict of Interest Declaration
6. Public Questions and Comments on Closed Session
7. Closed Session
  - A. Potential Litigation
  - Conference with Legal Counsel
  - 2 Matters
  - (Pursuant to Government Code Section 54956.9(d)(2)(4))

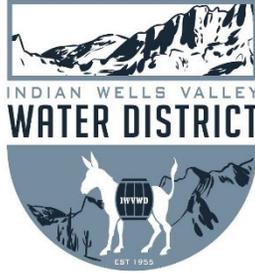
- B. Existing Litigation  
Conference with Legal Counsel  
*Mojave Pistachios, LLC v Indian Wells Valley Water District, et al.*  
Orange County Superior Court Case No. 30-2021-01187275-CU-OR-CJC  
(Pursuant to Government Code Section 54956.9(d)(1))
  - C. Existing Litigation  
Conference with Legal Counsel  
*Mojave Pistachios, LLC v Indian Wells Valley Groundwater Authority, et al.*  
Orange County Superior Court Case No. 30-2021-01187589-CU-WM-CXC  
(Pursuant to Government Code Section 54956.9(d)(1))
  - D. Existing Litigation  
Conference with Legal Counsel  
*Searles Valley Minerals Inc., v Indian Wells Valley Groundwater Authority, et al.*  
Orange County Superior Court Case No. 30-2021-01188089-CU-WM-CXC  
(Pursuant to Government Code Section 54956.9(d)(1))
  - E. Personnel Matter  
One Position: Operations Manager  
(To consider the performance of a Public Employee)  
(Pursuant to Government Code Section 54957(b)(1))
8. Public Questions and Comments  
*(This portion of the meeting is reserved for persons desiring to address the Board on any matter not on the agenda and over which the Board has jurisdiction. However, no action may be taken by the Board of Directors on any item not appearing on the agenda. Non-agenda speakers are asked to limit their presentation to five minutes. Public questions and comments on items listed on the agenda will be accepted at any time the item is brought forth for consideration by the Board. When you are recognized by the chairperson, please state your name and address for the record.)*
10. Current Business/Committee Reports
- A. Consent Calendar  
**Description:** Approval of Board Meeting Minutes and Accounts Payable Disbursements.
    - 1. Approval of Minutes:
      - i. July 7, 2023, Special Board Meeting
      - ii. July 10, 2023, Regular Board Meeting
      - iii. July 11 2023, Special Board Meeting
      - iv. July 25, 2023, Special Board Meeting Workshop
    - 2. Approval of Accounts Payable Disbursements
  - B. Draft 2023 Water Shortage Contingency Plan  
**Description:** Board to schedule a date to hold a Public Hearing for the 2023 Water Shortage Contingency Plan.

- C. Finance Committee
1. Water Sales and Service Policy  
**Description:** Review of the District's Water Sales and Service Policy Manual.
- D. Administrative Executive Committee
1. Association of California Water Agencies (ACWA) Region 7 Board Election  
**Description:** Board to review candidates running for the Region 7 Board: chair, vice chair, and board members.  
**Committee Recommends the Following:** Defer to Board for consideration.
  2. Draft Probation and Reinstatement Policy  
**Description:** Board to review proposed draft Probation and Reinstatement Policy, to be included in the Personnel Manual.  
**Committee Recommends the Following:** Defer to Board for consideration.
- E. Indian Wells Valley Groundwater Authority  
**Description:** Report and discussion regarding the July 12, 2023, meeting of the Indian Wells Valley Groundwater Authority (IWVGA). Including, Board discussion and consideration of issues of importance requiring action by the IWVGA. Next meeting is not yet scheduled for August.
- F. Comprehensive Adjudication  
**Description:** Report and discussion regarding the status of the Comprehensive Adjudication.
- G. General Manager and Staff Update (The Board will consider and may act on the following items):
1. Water Production, New Services, and Personnel Safety Record  
**Description:** Water produced from all District wells, report of the new services installed in the District, and personnel safety record for the preceding month.
  2. Public Outreach  
**Description:** Public Outreach Report.
  3. July 25, 2023, Special Board Workshop  
**Description:** Updates on the items below assigned at the July 25, 2023, Special Board Workshop:
    - ✓ Potential Strategic Planning Effort Ad-Hoc Committee
    - ✓ Variance for Evaporative Coolers
    - ✓ Letter to the IWVGA regarding potential sites for monitoring wells in the El Paso area to be drafted by Tim Parker
  5. Booster Stations and Tanks Projects  
**Description:** Update on these Capital Projects.

6. Well 33 Update  
**Description:** Update on the status of Well 33.
7. Financial Status  
**Description:** Report on the District's current financial status.
8. Solar Production  
**Description:** Update on solar production for the preceding month.
9. Conservation  
**Description:** Update on the Conservation Program and discussion on water conservation related items.
10. Inyokern Road Transmission Line  
**Description:** Update on the failure of the 30-inch transmission main.
11. Arsenic Treatment Facilities  
**Description:** Staff will update Committee on maintenance issues and production.
12. Operations  
**Description:** Staff report on operations.

10. Board Comments/Future Agenda Items

11. Adjournment



# Committee Reports

BOARD OF DIRECTORS  
INDIAN WELLS VALLEY WATER DISTRICT

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WATER MANAGEMENT COMMITTEE  
REGULAR MEETING MINUTES

THURSDAY, JULY 27, 2023 – 2:00 P.M.

BOARD ROOM  
500 W. RIDGECREST BLVD., RIDGECREST

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Attendees: Ron Kicinski, Don Zdeba, Jason Lillion, Renée Morquecho, and Ty Staheli

**1. Call to Order**

The meeting was called to order at 2:03 p.m.

**2. Committee/Public Comments**

None.

**3. Indian Wells Valley Groundwater Authority (IWVGA)**

Director Griffin was not present to report on the July 12<sup>th</sup> IWVGA Board meeting.

**4. LADWP Aqueduct Water Release**

Releases within the Indian Wells Valley ceased July 18<sup>th</sup>. Based on release rates reported by LADWP personnel it is estimated a total of 10,085.6 acre-feet was released into the basin. Although at times the leading edge of the flow extended north of Inyokern Road, there was never any threat to infrastructure on the Navy base. Staff can now focus on planning for more efficient means to capture future releases to maximize recharge of the aquifer.

**5. Potential Impact of Recycled Water on District's Need for Imported Water**

Nothing new to report this month. The Board has expressed interest in continuing discussions with the City concerning recycled water. Acquiring access to recycled water could result in a credit against the District's requirement for an imported water supply to meet its needs. No meetings have taken place. It should be noted Krieger & Stewart has been working with the Water Resources Manager, Stetson Engineers, for the past year on the Recycled Water Alternatives Study, however their role going forward is uncertain due to concerns expressed by Groundwater Authority legal counsel involving ongoing litigation.

**6. Brackish Water Study**

Wade Major, with aquilogic, is wrapping up the final tasks that include evaluating shallow well impacts in the study area based on existing predicted drawdowns using the DRI model and compiling the draft Feasibility Study report. The final report will be shared with members of the study group for review and comment. The completion date for the study is December 30, 2023.

**7. Alternate Water Sources**

John Jansen, with Collier Geophysical, has yet to complete his final draft report on the seismic reprocessing work he has been doing. I did reach out to him this week for an update. He has received edits from Tim Parker and expects to incorporate them into his report tomorrow for Tim's approval. He also will start collecting the data in a folder to share.

**a. Exploration of sub-basins within the valley**

With regard to the El Paso sub-basin, Kreiger & Stewart and Tim Parker previously put together a drilling exploration program for monitoring and production tests wells and aquifer testing including rough costs based on evaluating existing data including AEM data collecting by SkyTEM. As part of the program the Department of Water Resources was contacted about financial support for installing monitoring wells in El Paso Area. DWR was subsequently contacted about preparing the application form for monitoring well installations and things have been at a standstill since. Tim Parker reports DWR never responded to the Southern District Office regarding providing the form to apply, the District Office indicated that a request should come from GSA and that the basin already has had a MW installed. DWR had previously indicated that District could apply directly. Tim suggests either the District reach out directly to Jack Tung with DWR's Southern District or to Paul Gosselin directly. Another option would be to request support from the Groundwater Authority of DWR drilling additional monitor wells in the El Paso Area. It should be noted on behalf of the Groundwater Authority, Stetson Engineering is preparing a Technical Memo with recommendations on exploration of the El Paso area. The intent is to present a draft Technical Memo to the Technical Advisory Committee. The study would be included in the 5-year update of the GSP.

**8. Future Agenda Items**

None.

**9. Adjournment**

Meeting was adjourned at 2:25 pm

BOARD OF DIRECTORS  
INDIAN WELLS VALLEY WATER DISTRICT

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PLANT AND EQUIPMENT COMMITTEE  
REGULAR MEETING

REPORT

WEDNESDAY, AUGUST 8, 2023 – 2:00 PM  
BOARD ROOM  
500 W. RIDGECREST BLVD., RIDGECREST

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Attendees: Stan Rajtora, Chuck Griffin, Don Zdeba, Ty Staheli, Jason Lillion, and Renee Morquecho.

**1. Call to Order**

The meeting was called to order at 2:00 pm.

**2. Committee/Public Comments**

Renee Morquecho mentioned that the Well 33 update was left off this agenda but will be on the Board meeting agenda. The well has been pulled and Best is working on modifying the discharge case for connection to the re-bult pump from Well 34 that will be installed.

**3. Inyokern Rd Transmission Pipeline Repair: Update**

The application packet for funding from the Defense Communities Infrastructure Pilot Program (“DCIP”) was submitted June 21<sup>st</sup> with an estimated cost of \$16.9M. The District just received notification before this meeting that the project was not chosen for funding. Mr. Zdeba has reached out to David Janiec with the China Lake Alliance as well as Captain Jeremy Vaughan, NAWS Commanding Officer, for possible funding from the earthquake recovery funds being used on Base. This pipeline serves the emergency interconnection with the Navy and was likely damaged during the 2019 earthquakes.

**4. Booster Station and Tanks Project: Update**

The contractor expects delivery of the motor control center (“MCC”) for the Booster Station this month. Meanwhile, the pumps and motors have been installed and the electrical installation continues.

The new College tank is online and the old tank has been drained. The contractor is working on the pipe modifications to the old tank at this time. A punch list site walk is planned for tomorrow with the project manager from Krieger & Stewart.

**5. Arsenic Treatment Facilities: Update**

Staff continues to work on sifting the filter media. The process has been much slower and labor intensive than first anticipated. It is expected that there is enough media to fill two filter vessels which will enable the plant to be put online.

**6. Solar Production: Report**

The Committee reviewed the solar report provided by ENGIE Services for July 2022 through July 2023. There is no longer a guaranteed savings listed for Phase 1 since that part of the contract has ended. Staff will continue to review the solar production at each site. At the Well 35 site (Phase 2), actual savings for July was \$2,396.86 and the guaranteed savings was \$2,054.98. The total savings at the Well 35 site this calendar year is \$14,427.61.

**7. Future Agenda Items**

- Well 33
- Springer Ave pipeline

**8. Adjournment**

The meeting was adjourned at 2:10 pm.

BOARD OF DIRECTORS  
INDIAN WELLS VALLEY WATER DISTRICT

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FINANCE COMMITTEE  
REGULAR MEETING

REPORT

TUESDAY AUGUST 8, 2023 – 2:30 PM  
BOARD ROOM  
500 W. RIDGECREST BLVD., RIDGECREST

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ATTENDEES: David Saint-Amand, Stan Rajtora, Don Zdeba, Ty Staheli, Jason Lillion, and Renee Morquecho

**1. Call to Order**

The Finance Committee Meeting was called to order at 2:30 pm.

**2. Committee/Public Comments**

Don Zdeba informed the Committee that the Defense Community Infrastructure Pilot Program review panel did not accept the District's application due to tier ranking and fund availability. The District will continue to explore other options for funding.

**3. Fraud Risk Discussion**

Description: Discuss potential or actual fraud risks within the organization.

None to report.

**4. Water Sales and Service Policy**

Description: Review of the District's Water Sales and Service Policy Manual

Committee recommends bringing this item to the Board for discussion at the next Board Meeting August 8<sup>th</sup>.

**5. Financial Statements July 31, 2023 (preliminary)**

Description: Presentation to Committee financial reports and graphs depicting current revenue and expense trends compared to budget and previous fiscal year actuals.

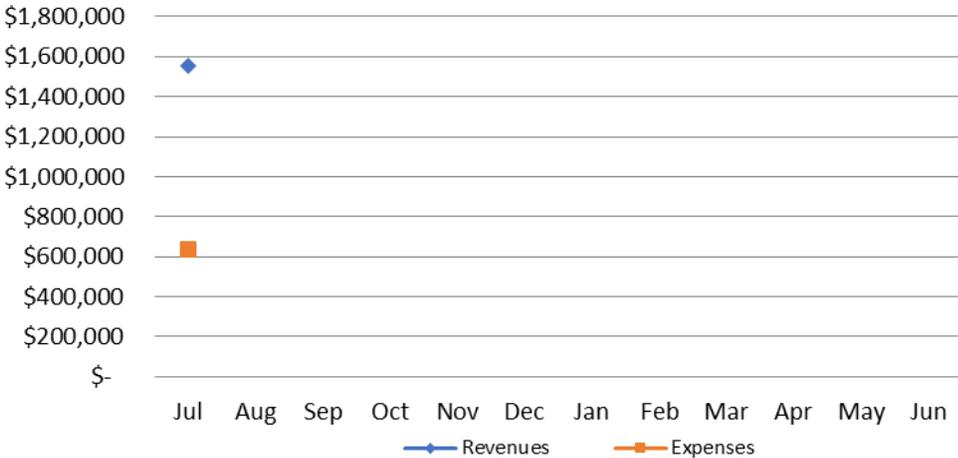
Estimated year-to-date revenues as of July 31, 2023, are \$1,555,041 and expenses are \$633,199, therefore revenues exceeded expenditures by \$921,842, which is better than budget by \$1,421,965. Year-end revenue accruals have yet to be booked. This will resulting in lower revenue numbers for the period.

Staff presented the following spreadsheet, which compares July year-to-date actual to budgeted revenues and expenses by category:

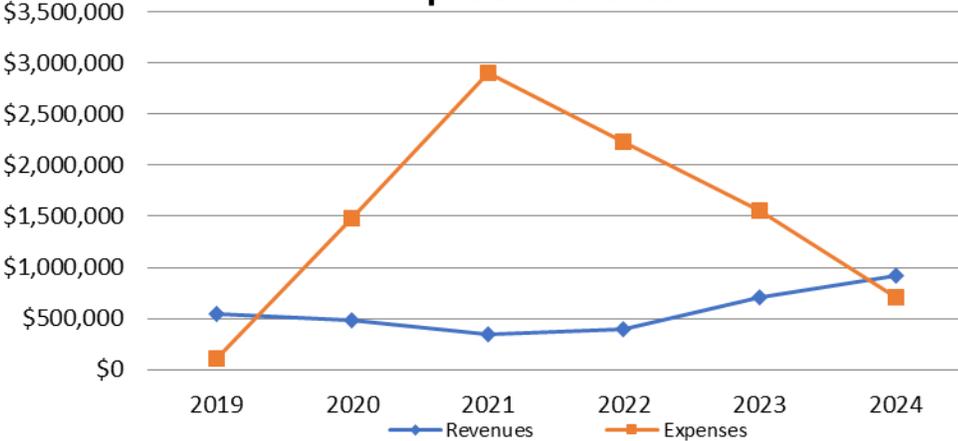
**Indian Wells Valley Water District**  
**Revenues vs. Expense**  
**Actuals & Budget through July 2023 (Preliminary)**

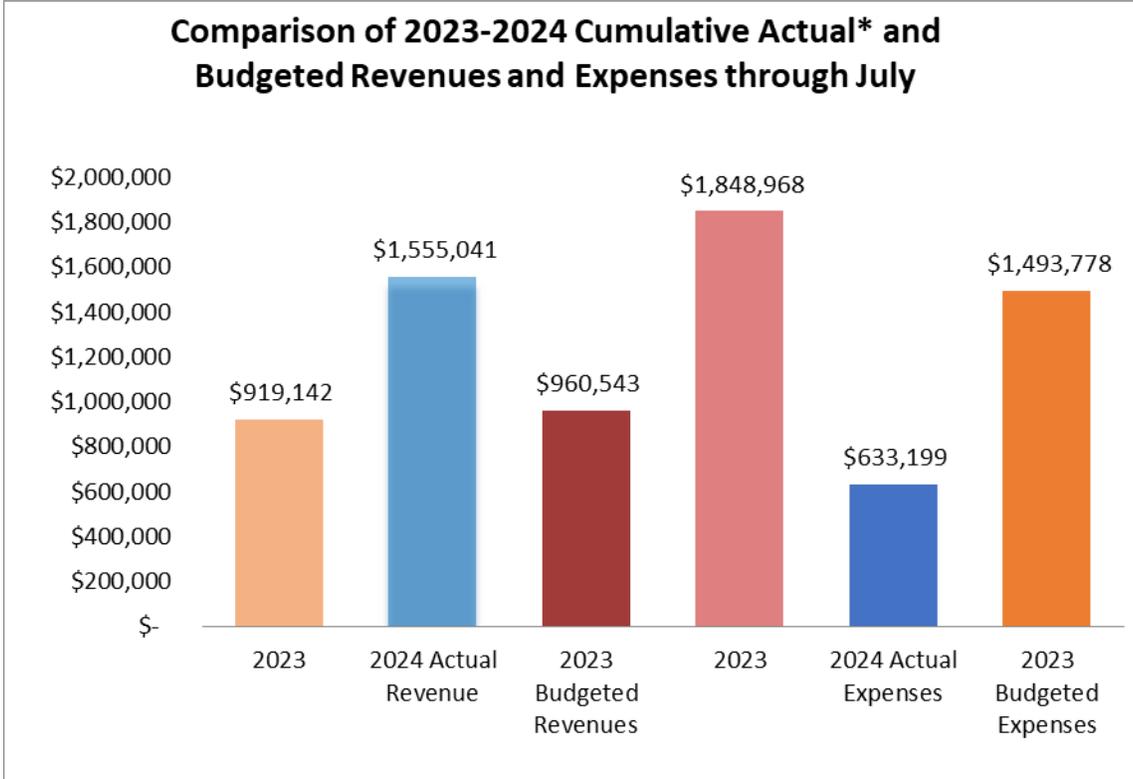
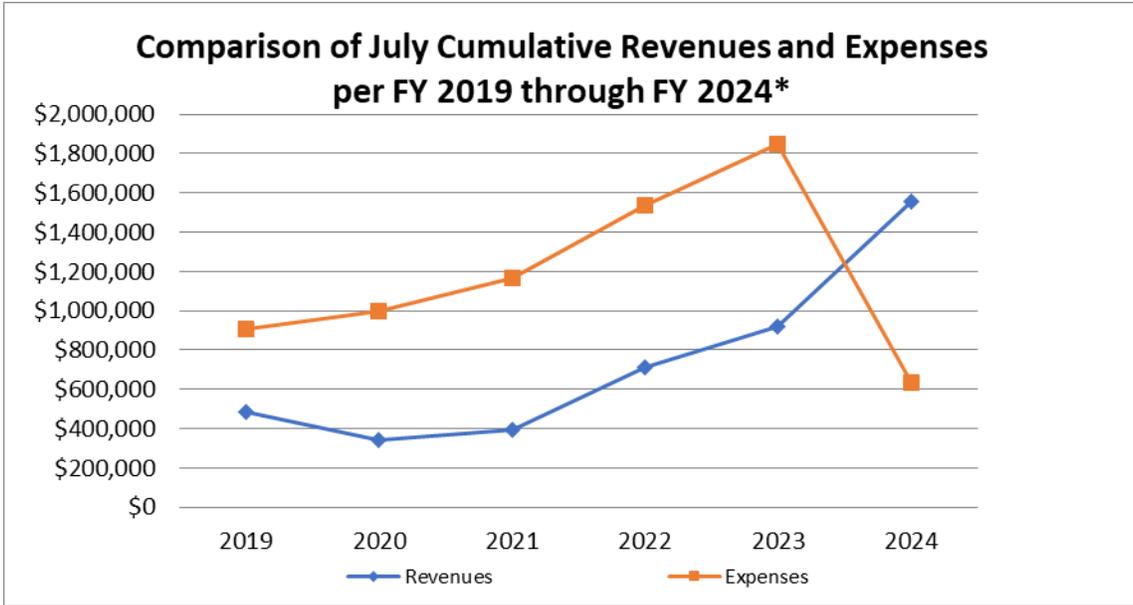
	Budget	Actuals	Δ
<b>Revenues</b>			
Total Water Sales	696,450	1,121,324	424,874
GSA Fees	218,062	394,635	176,573
Total Water Service Revenue	21,238	30,265	9,027
Total Non-Operating Income	15,509	25	-15,484
Capital Contributions	9,741	8,792	-949
<b>Total Revenues</b>	<b>961,000</b>	<b>1,555,041</b>	<b>594,041</b>
<b>Expenses</b>			
Water Supply	100,408	32,840	-67,569
Arsenic Treatment Plants	34,279	6,783	-27,497
Transmission & Distribution	170,998	60,197	-110,801
Engineering	41,176	31,716	-9,461
Customer Service	40,198	22,049	-18,149
Field Services	42,880	17,306	-25,574
General & Administration	282,208	69,378	-212,829
Legislative	7,942	151	-7,791
Depreciation	275,000	275,000	0
Non-Operating, Interest	113,675	95,827	-17,848
Non-Operating, Miscellaneous	22,383	21,339	-1,044
GSA Fees	326,377	0	-326,377
Non-Operating, Conservation	2,835	0	-2,835
Non-Operating, Alternate Water	763	613	-150
<b>Total Expenses</b>	<b>1,461,123</b>	<b>633,199</b>	<b>-827,924</b>
<b>Net Revenue Increase (Decrease)</b>	<b>-500,123</b>	<b>921,842</b>	<b>1,421,965</b>
<b>Capital Expenditures</b>		<b>48,418</b>	
<b>Debt Service Principle</b>		<b>92,639</b>	

### Comparison of FY 2023-2024 Revenues and Expenses by Month



### Comparison of July Revenues and Expenses per Fiscal Year





*\*Actual Revenues and Expenses are Estimated*

**6. Accounts Payable Disbursements**

Description: Presentation to Committee of Accounts Payable Disbursements reports for Board approval.

The Committee recommended approval of accounts payable disbursements totaling \$1,910,043.73 as follows:

Checks through:	<u>7/5/23</u>	<u>7/19/23</u>
Prepaid	\$ 434,950.21	\$ 511,798.72
Current	<u>166,325.61</u>	<u>796,969.19</u>
Total	<u>\$ 601,275.82</u>	<u>\$ 1,308,767.91</u>

**7. Future Agenda Items**

State Revolving Loan Fund Program

**8. Adjournment**

The Committee adjourned at 2:51 pm.

BOARD OF DIRECTORS  
INDIAN WELLS VALLEY WATER DISTRICT

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ADMINISTRATION/EXECUTIVE COMMITTEE  
MEETING MINUTES

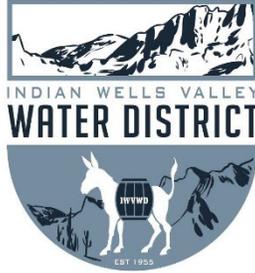
THURSDAY, AUGUST 9, 2023 – 3:00 P.M.

BOARD ROOM  
500 W. RIDGECREST BLVD., RIDGECREST

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Attendees: Ron Kicinski, Don Zdeba, Jason Lillion, Ty Staheli, and Renée Morquecho

1. **Call to Order**  
The meeting was called to order at 3:00 p.m.
2. **Committee/Public Comments**  
None.
3. **Association of California Water Agencies (ACWA) Region 7 Board Election**  
The Committee reviewed the ballot for the ACWA Region 7 Board Elections for President and Vice President. Bios of the candidates to be included in the Board packet for the August meeting. Deferred to Board for consideration.
4. **Draft Probation and Reinstatement Policy**  
The Committee reviewed the draft Probation and Reinstatement Policy to be included in the Personnel Manual. Deferred to Board for consideration.
5. **Draft Agenda for the Regular Board Meeting of August 14, 2023**  
The Committee reviewed the agenda and made no changes.
6. **Future Agenda Items**  
None.
7. **Adjournment**  
The meeting adjourned at 3:08 p.m.



# Approval of Minutes

MINUTES OF THE SPECIAL BOARD MEETING

BOARD OF DIRECTORS  
INDIAN WELLS VALLEY WATER DISTRICT

JULY 7, 2023

The Special Meeting of the Board of Directors of the Indian Wells Valley Water District was called to order by President Boyd at 10:00 a.m. in the Board of Directors Hearing Room, 500 West Ridgecrest Boulevard, Ridgecrest, California. **CALL TO ORDER**

The Pledge of Allegiance was led by David Saint-Amand. **PLEDGE**

**DIRECTORS PRESENT:** President Mallory J. Boyd  
Vice President Ronald R. Kicinski  
Director Charles D. Griffin  
Director Stan G. Rajtora  
Director David C.H. Saint-Amand **ROLL CALL**

**DIRECTORS ABSENT:** None

**STAFF PRESENT:** Jim Worth, Attorney

**AGENDA DECLARATION**

President Mallory Boyd reported that the agenda for today's Special Board Meeting was posted on Monday, July 3, 2023. **AGENDA DECLARATION**

**CONFLICT OF INTEREST DECLARATION**

None. **CONFLICT OF INTEREST**

**PUBLIC QUESTIONS AND COMMENTS**

None. **PUBLIC COMMENTS**

With no further Board or public comments, President Boyd recessed the meeting and adjourned to Closed Session at 10:02 a.m.

**CLOSED SESSION**

Closed Session was adjourned at 3:33 p.m. **CLOSED SESSION**

No action was taken which would require disclosure under the Brown Act.

**ADJOURNMENT**

With no further business to come before the Board, the meeting was adjourned at 3:34 p.m. **ADJOURNMENT**

Respectfully submitted,

Lauren Smith  
Recording Secretary

**APPROVED:** \_\_\_\_\_

MINUTES OF THE REGULAR BOARD MEETING

BOARD OF DIRECTORS  
INDIAN WELLS VALLEY WATER DISTRICT

JULY 10, 2023

The Regular Meeting of the Board of Directors of the Indian Wells Valley Water District was called to order by President Boyd at 4:30 p.m. in the Board of Directors Hearing Room, 500 West Ridgecrest Boulevard, Ridgecrest, California. **CALL TO ORDER**

The Pledge of Allegiance was led by Jason Lillion. **PLEDGE**

DIRECTORS PRESENT: President Mallory J. Boyd  
Vice President Ronald R. Kicinski  
Director Charles D. Griffin  
Director Stan G. Rajtora  
Director David C.H. Saint-Amand **ROLL CALL**

DIRECTORS ABSENT: None.

STAFF PRESENT: Don Zdeba, General Manager  
Jim Worth, Attorney  
Jason Lillion, Operations Manager  
Renée Morquecho, Chief Engineer  
Lauren Smith, Recording Secretary

**AGENDA DECLARATION**

Recording Secretary, Lauren Smith, reported that the agenda for today's Regular Board Meeting was posted on Thursday, July 6, 2023. **AGENDA DECLARATION**

**CONFLICT OF INTEREST DECLARATION**

Director Saint-Amand stated his opinions shared during this meeting are his own and do not necessarily reflect the opinions of his employer, nor the Board. **CONFLICT OF INTEREST**

**PUBLIC QUESTIONS AND COMMENTS ON CLOSED SESSION**

None. **PUBLIC COMMENTS**

With no further Board or Public comments, President Boyd recessed the meeting and adjourned to Closed Session at 4:32 p.m.

**CLOSED SESSION**

The meeting was reconvened in Closed Session at 4:37 p.m. **CLOSED SESSION**

Closed Session was adjourned at 5:55 p.m.

The meeting was reconvened to Open Session at 6:00 p.m.

No action was taken which would require disclosure under the Brown Act.

**PUBLIC QUESTIONS AND COMMENTS**

The Board heard public comment from Mike Neel and Judie Decker.

**PUBLIC  
COMMENTS**

**CONSENT CALENDAR**

MOTION: was made by Vice President Kicinski and seconded by Director Saint-Amand approving the Minutes of the June 12, 2023, Regular Board Meeting, June 20, 2023, Special Board Meeting, June 27, 2023, Special Board Meeting, and Payment of Accounts Payable totaling \$933,384.40. Motion was carried, unanimously. (Ayes: Boyd, Griffin, Kicinski, Rajtora, Saint-Amand. Nays: None. Absent: None.)

**CONSENT  
CALENDAR**

**FINANCE COMMITTEE**

The Board reviewed an Adjusted 2023-2024 General Fund budget proposal.

**FINANCE  
2023-'24 GEN  
FUND BUDGET**

In February, the District migrated its financial system to the Springbrook Cloud platform. This gave staff access to new report writing software. Unfortunately, the staff discovered the report used for consumption data has returned erroneous information. As such, the staff has revised the budget with consumption of approximately 5,100 acre-feet, a 5% reduction from the previous 12 months of consumption, and presented the revisions to the Finance Committee. With the proposed adjustments, the District will continue to meet its debt service obligation and operational reserve goals.

The proposal projects revenues at \$17,008,848 and expenses at \$17,690,677 for a difference in which expenses exceed revenues of \$681,829. The committee noted that the proposed expenditures still include GA fees based on 4,180 acre-feet replenishment-free allotment, as opposed to the 4,390. As the District is currently paying based on the 4,390-acre feet, the projected additional savings not represented within the budget is approximately \$400k.

The Board heard public comment from Mike Neel.

MOTION: was made by Vice President Kicinski and seconded by Director Rajtora approving the 2023-2024 General Fund Budget as presented. (Ayes: Boyd, Griffin, Kicinski, Rajtora, Saint-Amand. Nays: None. Absent: none.)

**INDIAN WELLS VALLEY GROUNDWATER AUTHORITY (IWVGA)**

**IWVGA**

Director Griffin discussed action items of the June 14, 2023, IWVGA meeting, including:

- Next IWVGA meeting is scheduled for July 12, 2023
- Receive and file the 2021 Financial Audit conducted by Brown Armstrong. Director Griffin clarified the District's stance on paying the Replenishment Fee, regardless if it was found invalid
- Communication & Engagement Plan updates and discussion
- Resolution No. 06-23: Providing procedure to address legislative response needs of the authority. Director Griffin voted against this resolution; however, it was passed
- Supplemental monitoring to address wet conditions request by Department of Water Resources (DWR)

Director Griffin addressed a recent letter released on June 20, 2023, by Carol Thomas-Keefe, IWVGA General Manager. The letter includes the following statement:

"...encourage the IWVGA Board and other local parties to consider the Las Posas settlement - specifically the adoption of the basin's approved GSP as the court-approved management plan - as a model for resolving our local groundwater management conflicts."

Director Griffin stated he was opposed to this letter being written, especially on letterhead with his name on it, and was not made aware of it prior to its release.

The Board heard public comment from Judie Decker and Mike Neel.

**COMPREHENSIVE ADJUDICATION**

**COMPREHENSIVE  
ADJUDICATION**

Jim Worth reported that a judge still has not been assigned by the judicial council. The District is currently working on a petition to the Supreme Court of California directly requesting an assignment of Judge Claster.

The next Case Management Conference is scheduled for September 1, 2023; at 2:30 p.m.

The Board heard public comment from Mike Neel and Rene Westa-Lusk.

**GENERAL MANAGER AND STAFF UPDATE**

**GENERAL  
MANAGER AND  
STAFF UPDATE  
SAFETY,  
PRODUCTION &  
NEW SERVICES**

Don Zdeba reported as of today, employees at the Water District have worked 188 days since the last recordable injury.

Metered production at the wells for the month of June was 182,423,000 gallons (559.8 acre-ft). The number the State Water Resources Control Board (SWRCB) is using for comparison is metered water through the distribution system, or consumption, and non-revenue water which is water lost to leaks, flushing activities, blow-offs, etc. That number is 165,675,000 gallons (508.4 acre-feet). Since last June there has been a requirement from the State Board to submit a preliminary report with consumption, population, and R-gpcd by the third business day of the month. Both the preliminary short report and the full report, which is due by the 28<sup>th</sup> of the month, were submitted July 5<sup>th</sup>. The conservation results for June show consumption down 35.0% compared to June of 2013, the baseline year established by the State Water Board. The 20% conservation target established by the District Board took effect in June 2016 for comparison. Through June the cumulative result is at 24.1%.

In response to Governor Newsom's request for a voluntary 15% reduction to address current drought conditions, the State Board is also comparing current water consumption to the same month in 2021. Comparing June 2023 to June 2021, there is a 9.8% reduction in consumption. Comparing the June conservation results to recent years, consumption in 2022 was 31.7% lower than the 2013 baseline year, 2021 was 27.9% lower, 2020 was 30.9% lower, and 2019 was 37.6% lower.

The Residential gallons per capita per day (R-gpcd) for the month was 135.4. This includes both indoor and outdoor usage. There were four new connections added during the month. There have been 33 new connections during this fiscal year which began July 1<sup>st</sup>, including one

pre-paid. The 33 connections have contributed \$238,240 in Capital Facility Fees.

Mr. Zdeba reported that due to the 4<sup>th</sup> of July holiday falling on the first Tuesday of the month, the Community Collaborative meeting at City Hall has been rescheduled for tomorrow, July 11<sup>th</sup>.

PUBLIC  
OUTREACH

A reminder, the exhibit entitled, "Artistic Water-Wise Landscape" continues on display at the Maturango Museum through October 22<sup>nd</sup>. The exhibit includes promotion of the District's WaterSmart program.

Staff continues to work with Providence Strategic Consulting to promote WaterSmart on social media. As of this morning, there are 1,613 active WaterSmart accounts accounting for 12.1% of customers. There were 1,256 customer alerts issued in June and there have been 13,014 in the past twelve months.

The Board was asked to send their agenda requests to President Boyd, Don Zdeba, and Lauren Smith no later than July 17<sup>th</sup>. The mid-year Board Workshop is scheduled for July 25, 2023; at 9:00 a.m.

MID-YEAR  
BOARD WS

LADWP continues to release water from the aqueduct at two of the five locations in the Indian Wells Valley; Sage sand trap and Freeman sluice gate. After significant daily changes in the leading edge of the releases, last week flow extended north of Inyokern Road onto the base. The movement of the releases continues to be monitored regularly. As of yesterday, an estimated 9,489.4 acre-feet have been released into the basin. Word from the North Aqueduct Operations staff is that they are near the end of their spreading near Indian Wells Valley and have started to turn down some flows this past week and will work towards turning down more in the next couple of weeks.

STATUS  
LADWP  
RELEASES ON

LADWP is providing regular updates on release points and rates and the information is being passed on to interested parties including the Navy, the Coso geothermal operation, and Stetson staff.

Fish and Wildlife finally acknowledged the Stream Alteration Agreement application staff submitted May 19<sup>th</sup> on June 19<sup>th</sup>. In their response they requested much more detail on the project including the source of material to be used, if it will be imported, how the temporary dams will be dismantled and the material disposed of, how the determination will be made when to remove the dams, and how impacts to desert tortoise and Mojave ground squirrel will be avoided if flows overtop the banks of the wash. They also advised to allow 30 days for their staff to review the new information and 60 days to approve the agreement. The information requested would require additional staff time and resources and based on the most recent information it is highly likely the releases from the aqueduct will have ceased by then. Staff believes resources should focus on long-term recapture solutions for future releases.

Mr. Zdeba reported the original indoor standard set by the bills was 55 gallons per person per day (gpcd) until January 2025, 52.5 gpcd until 2030, and 50 gallons gpcd after 2030. SB 1157 proposed a revised indoor standard of 55, 47, and 42 at the same milestones. SB 1157 passed the Senate last August with 28 voting in favor of the bill.

SB 606 & AB  
1668

The Association of California Water Agencies (ACWA) submitted a letter to the Governor September 2nd requesting he veto the bill, but the bill

was signed September 28th. ACWA believes standards should be individually and locally feasible and eligible variances, as they are currently being considered, are not feasible requiring significant burden of proof and technical assistance for compliance. ACWA has established three work groups and set a schedule of regular meetings. The Outdoor Working Group was to meet Monday afternoons, starting June 12th, from 1:00 - 2:00 pm, for a total of 4 weeks. The Commercial/Institutional/Industrial Working Group was to meet Tuesday afternoons, starting June 13th, from 1:00 - 2:30 pm, for a total of 8 weeks. The Methodologies & Variances Working Group was to meet Wednesday afternoons, starting June 14th, from 2:00 - 3:30 pm, for a total of 8 weeks. However, every meeting has been canceled to date because the SWRCB has not yet released updated material to review.

The Motor Control Center (MCC) for the Booster Station is expected the last week of July, early August. Installation of the pumps is expected to begin the last week of July. Disinfection and filling of the College tank took place today. Once filled, bacteriological samples will need to be taken, along with addressing minor items identified during the initial Division of Drinking Water inspection prior to receiving permission from the state to begin using the tank.

BOOSTER  
STATIONS &  
TNKS

Debris was found in the new C-zone tank, upon diving inspection, cardboard was discovered and removed.

The estimated year-to-date revenues as of June 30, 2023, are \$16,275,743 and expenses are \$16,607,459. Expenditures exceeded revenues by \$331,716, which is better than budget by \$396,569. Estimates for the larger accruals have been included, but there will be additional accruals as staff closes the fiscal year.

FINANCIAL  
STATUS

Due to an internal issue, ENGIE was unable to provide the solar production report until Friday, thus it not being in the Board packet. For June, the actual savings was \$53,296.31 and the guaranteed savings \$50,906.45. The total savings this fiscal year is \$574,604.54. At the Well 35 site (Phase 2), the actual savings for June was \$2,350.87 and guaranteed was \$2,085.11. The total savings since at the Well 35 site this calendar year is \$11,265.35.

SOLAR  
PRODUCTION

Mr. Zdeba reported on the following conservation items:  
State Water Resources Control Board (SWRCB) Water Waster Report - Thus far in 2023, there have been a total of 56 water waste reports received with 56 contacts made. There has been 22 formal Second Notices and seven penalties issued.

CONSERVATION

Staff awaits the decision if any funding will be received from the DCIP grant application. The results of the application are due to be announced sometime in the beginning of August. Staff continues to work on possible alternate sources of funding, should the grant application not be approved.

INYOKERN RD  
TRANSM. MAIN

Plant 2 is running into the system and produced 50,211,000 gallons for the month. Staff has loaded the vessels with the support media under the supervision of Pureflow. Pureflow approved the loading technique and results and were extremely complimentary of staff's professionalism throughout the process. Staff has since loaded all the extra treatment media that was stored. Staff is now in the process of leveling the treatment media to establish what more needs to be added. Once that is determined, staff can begin screening the media recovered from the

ARSENIC  
TREATMENT

treatment media to establish what more needs to be added. Once that is determined, staff can begin screening the media recovered from the vessels, with the goals of two vessels completed and Well 11 back in service.

Mr. Lillion reported for the month of June, 10 services were repaired and 24 were replaced. The NO-DES truck made five runs in June, filtering 66,630 gallons. Since inception, the NO-DES truck has filtered 8,880,645 gallons. 0 valves were exercised. OPERATIONS

**BOARD COMMENTS/FUTURE AGENDA ITEMS**

**BOARD  
COMMENTS**

Director Saint-Amand requested an item on the workshop agenda to discuss the mandate of battery-operated vehicles in California after 2035.

President Boyd and Director Rajtora thanked the public for their participation and the staff for their continued professionalism as recognized by Pureflow.

**ADJOURNMENT**

**ADJOURNMENT**

With no further business to come before the Board, the meeting was adjourned at 7:22 p.m.

Respectfully submitted,

**APPROVED:** \_\_\_\_\_

Lauren Smith  
Recording Secretary

MINUTES OF THE SPECIAL BOARD MEETING

BOARD OF DIRECTORS  
INDIAN WELLS VALLEY WATER DISTRICT

JULY 11, 2023

The Special Meeting of the Board of Directors of the Indian Wells Valley Water District was called to order by President Boyd at 2:00 p.m. in the Board of Directors Hearing Room, 500 West Ridgecrest Boulevard, Ridgecrest, California. **CALL TO ORDER**

The Pledge of Allegiance was led by Guy Patterson. **PLEDGE**

DIRECTORS PRESENT: President Mallory J. Boyd  
Vice President Ronald R. Kicinski  
Director Charles D. Griffin  
Director Stan G. Rajtora  
Director David C.H. Saint-Amand **ROLL CALL**

DIRECTORS ABSENT: None

STAFF PRESENT: Lauren Smith, Recording Secretary  
VIA TELECONFERENCE: Jim Worth, Attorney

**AGENDA DECLARATION**  
Recording Secretary, Lauren Smith, reported that the agenda for today's Special Board Meeting was posted on Monday, July 10, 2023. **AGENDA DECLARATION**

**CONFLICT OF INTEREST DECLARATION**  
Director Saint-Amand stated his opinions shared during this meeting are his own and do not necessarily reflect the opinions of his employer, nor the Board. **CONFLICT OF INTEREST**

**PUBLIC QUESTIONS AND COMMENTS**  
None. **PUBLIC COMMENTS**

With no further Board or public comments, President Boyd recessed the meeting and adjourned to Closed Session at 2:01 p.m.

**CLOSED SESSION**  
Closed Session was adjourned at 4:50 p.m. **CLOSED SESSION**

The meeting was reconvened to Open Session at 4:52 p.m.

No action was taken which would require disclosure under the Brown Act.

**ADJOURNMENT**  
With no further business to come before the Board, the meeting was adjourned at 4:53 p.m. **ADJOURNMENT**

Respectfully submitted,

Lauren Smith  
Recording Secretary

**APPROVED:** \_\_\_\_\_

MINUTES OF THE SPECIAL BOARD MEETING WORKSHOP

BOARD OF DIRECTORS  
INDIAN WELLS VALLEY WATER DISTRICT

JULY 25, 2023

**CALL TO ORDER**

The Special Workshop of the Board of Directors of the Indian Wells Valley Water District was called to order by President Boyd at 9:00 a.m. in the Board of Directors Hearing Room, 500 West Ridgecrest Boulevard, Ridgecrest, California.

**PLEDGE**

The Pledge of Allegiance was led by Tim Parker.

**ROLL CALL**

DIRECTORS PRESENT: President Mallory J. Boyd  
Vice President Ronald R. Kicinski  
Director Charles D. Griffin  
Director Stan G. Rajtora  
Director David C.H. Saint-Amand

DIRECTORS ABSENT: None.

STAFF PRESENT: Don Zdeba, General Manager  
Jim Worth, Attorney  
Jason Lillion, Operations Manager  
Renée Morquecho, Chief Engineer  
Ty Staheli, Chief Financial Officer  
Lauren Smith, Recording Secretary  
Chuck Krieger, Consulting Engineer  
Tim Parker, Consulting Hydrogeologist

**AGENDA  
DECLARATION**

**AGENDA DECLARATION**

Recording Secretary, Lauren Smith, reported that the agenda for today's Special Board Meeting Workshop was posted on Thursday, July 20, 2023.

**CONFLICT OF INTEREST DECLARATION**

**CONFLICT OF  
INTEREST**

Director Saint-Amand stated his opinions shared during this meeting are his own and do not necessarily reflect the opinions of his employer, nor the Board.

**PUBLIC QUESTIONS AND COMMENTS**

**PUBLIC  
COMMENTS**

The Board heard public comment from Renee Westa-Lusk.

**BOARD WORKSHOP**

Don Zdeba provided a brief history regarding the repair of the 30" transmission mainline failure, the Springer line replacement Capital Project, and the Military's Defense Community Infrastructure Pilot Program (DCIP). \$3.0M  
RELIABLE  
WATER SUPPLY

Governor Newsom's budget for this fiscal year is approved. Included in his budget was \$3.0M appropriated to Indian Wells Valley Water District "for support of reliable water supplies". This appropriation

was the result of actions of local advocates Scott O'Neil and Stu Witt working with Senator Shannon Grove out of concern for the reliability of the Northwest transmission line.

Once the Controller releases the funding, DWR staff will reach out to confirm details of the project. Usually, DWR asks for a general project scope and schedule, but there is no requirement for matching funds. Funding probably will not be released until October/November.

Staff is awaiting the results of the application packet for funding through the DCIP. Staff recommends if funding is granted to fully fund the 30" transmission mainline project the appropriation in the State budget could fund the Springer line replacement project.

Staff and the Board discussed alternatives for funding if the District is not granted funds through the DCIP.

The Board heard public comment from Renee Westa-Lusk.

Mr. Zdeba provided a handout from WaterView (attached).

SB 606 & AB  
1668

Mr. Zdeba reported the original indoor standard set by the bills was 55 gallons per person per day (gpcd) until January 2025, 52.5 gpcd until 2030, and 50 gallons gpcd after 2030. SB 1157 proposed a revised indoor standard of 55, 47, and 42 at the same milestones. SB 1157 passed the Senate last August with 28 voting in favor of the bill.

The Association of California Water Agencies (ACWA) submitted a letter to the Governor September 2nd requesting he veto the bill, but the bill was signed September 28th. ACWA believes standards should be individually and locally feasible and eligible variances, as they are currently being considered, are not feasible requiring significant burden of proof and technical assistance for compliance. ACWA has established three work groups and set a schedule of regular meetings. The Outdoor Working Group, the Commercial/Institutional/Industrial Working Group, and the Methodologies & Variances Working Group. However, every meeting has been cancelled to date because the SWRCB has not yet released updated material to review.

The Board directed Mr. Zdeba to follow up with ACWA regarding a variance for evaporative coolers.

The Board directed staff to upload the Department of Water Resources (DWR) Evaporative Cooler Variance Proposal documents to the IWVWD website.

The Board heard public comment from Renee Westa-Lusk.

Director Rajtora requested an update from the Strategic Planning Ad-Hoc Committee on their potential strategic planning efforts. President Boyd commented the Committee will schedule to meet soon and update the Board accordingly. No report was available at this Workshop.

LONG TERM OPS  
STRATEGY  
PLAN

Updated 2023 District Goals and Accomplishments were provided for the Board and public. There were no concerns addressed by the Board of Directors. UPDATE ON 2023 STAFF GOALS

The Board directed Tim Parker to draft a letter to the IWVGA's General Manager and Stetson Engineers of potential sites for monitoring wells in the El Paso area in an effort to close data gaps.

Director Rajtora asked staff to remain up-to-date on the State Revolving Fund (SRF). 2023 BoD GOALS

Director Griffin commented he would like to see our involvement with the IWVGA become definitive. Director Griffin hopes the District's opinion becomes valued by the IWVGA and that the public knows the District has their best interests in mind.

Vice President Kicinski commented he hopes the public knows the District is looking at the long-term possible effects on its ratepayers for supplying a reliable water source, as well as the cost of it.

President Boyd commented he and Director Saint-Amand will find some time within the next few weeks to schedule a meeting of the Strategic Planning Efforts Ad-Hoc Committee.

Staff will review projects and tasks assigned at this Workshop and update goals accordingly. Follow up will be provided accordingly at subsequential Committee and Board meetings. PRIORITIZE PRJTS & GOALS

No outstanding issues to review. REVIEW ANY OUTSTANDING ISSUES

President Boyd recessed the meeting and adjourned to Closed Session at 11:11 a.m.

**CLOSED SESSION**

The meeting was reconvened in Closed Session at 11:18 p.m. **CLOSED SESSION**

Closed Session was adjourned at 1:17 p.m.

The meeting was reconvened to Open Session at 1:20 p.m.

No action was taken which would require disclosure under the Brown Act.

**BOARD COMMENTS/FUTURE AGENDA ITEMS**

President Boyd announced an applicant was interviewed and offered the position of General Manager. The applicant is scheduled to begin on September 1, 2023. Additional information will be forthcoming. **BOARD COMMENTS**

**ADJOURNMENT**

With no further business to come before the Board, the meeting was adjourned at 1:20 p.m.

**ADJOURNMENT**

Respectfully submitted,

Lauren Smith  
Recording Secretary

**APPROVED:** \_\_\_\_\_



# Legislation Forecasting Report

## Indian Wells Valley Water District



On March 15, 2023 the SWRCB released the proposed regulatory framework for AB1668 and SB606. Here is a summary of how future changes to the legislation may impact how you meet your residential urban water use objective.

### AB1668 and SB606 Urban Water Use Objective(UWUO)



### Indoor Annual Residential Objective in AF

Population	31,024
55 GPCD	1,914
47 GPCD	1,636
42 GPCD	1,462



### Outdoor Annual Residential Objective in AF

Current ETF .80	2,987
ETF .63	2,352
ETF .55	2,054

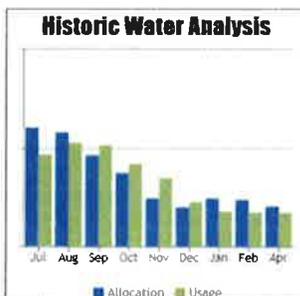


### Total Current Residential Objective

GPCD 55 with .80 ETF and 20%INI **4,901**

### This Fiscal Year's Usage till April (incomplete)

From July 2022



This FY your total residential usage so far is 3,414

**You are on track to meet the residential objective for the first reporting period!**

**Residential Objective Planning Scenarios in AF**

**Last years usage  
3,414**

	With 20% INI	Without 20% INI
Current (55 GPCD and .80 ETF)	4,901	4,067
2025 (47 GPCD and .80 ETF)	4,623	3,789
2030 (42 GPCD and .63 ETF)	3,814	3,157
2035 (42 GPCD and .55 ETF)	3,515	2,942

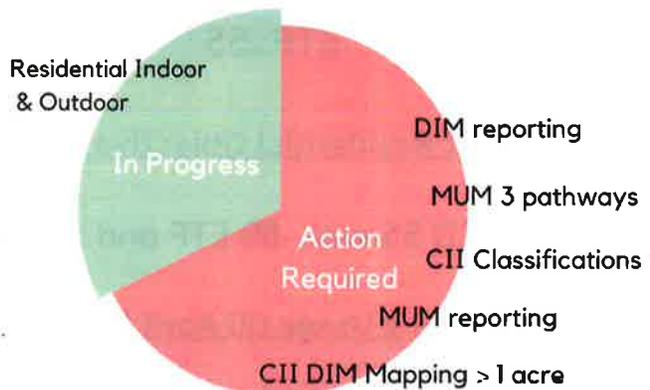


**Looking good for the first reporting period!**

These scenarios are based on your last fiscal year of residential usage from your WaterView account. Check your UWMP to see how much your residential usage is projected to change! Let us know if we can help you run some scenarios based on those numbers.

**Compliance Progress**

**This report only looks at residential usage. What about your CII/DIMS?**



**Questions?**

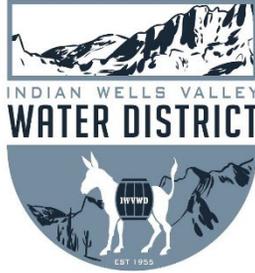
Contact your customer success team!

Matt Schaeffer - mschaeffer@eagleaerial.com

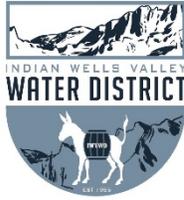
Marisela Lopez - mlopez@eagleaerial.com

714.754.7670





**10.B.**



INDIAN WELLS VALLEY WATER DISTRICT  
POST OFFICE BOX 1329  
RIDGECREST, CA 93556-1329  
(760) 375-5086

**INDIAN WELLS VALLEY WATER DISTRICT  
2020 WATER SHORTAGE CONTINGENCY PLAN**

**AUGUST 2021**

**Adopted by Ordinance No. 105 on August 9, 2021**

Prepared by



Office: 3602 University Ave, Riverside, CA 92501  
Mail/Ship: 3890 Orange St #1509, Riverside, CA 92502

178-64.6  
VEM/DFS/nr  
178-64P6-UWMP-2020



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**APPENDICES**

- Appendix 1: Ordinance No. 105 Adopting the 2020 Water Shortage Contingency Plan
- Appendix 2: Relevant Sections of the California Water Code
- Appendix 3: Water Sales & Service Policy Manual (Ordinance No. 104)
- Appendix 4: Ordinance Nos. 93, 98, 99, 100, and 103
- Appendix 5: County of Kern Multi-Jurisdiction 2020 Hazard Mitigation Plan



## SECTION 1 INTRODUCTION

### Water Code

**10632(a)** Every urban water supplier shall prepare and adopt a water shortage contingency plan as part of its urban water management plan...

### 1.1 Purpose of the WSCP

The primary purpose of the Water Shortage Contingency Plan (WSCP) is to comply with the requirements of the California Water Code (CWC) sections, which are described in additional detail in **Section 1.2** below. Importantly, the District has a civic and legal responsibility to provide for the water-related health and safety needs of the community. During a water shortage or a catastrophic interruption of water supplies, the District will take the actions described herein to minimize the interruption in water service to its customers to the extent possible, until normal service can be resumed. The WSCP includes an analysis of the contingency plan and sets forth actions, prohibitions, and penalties to be implemented during the various levels of a water shortage or a catastrophic interruption of water supplies to help ensure that the District can provide continuous service to its customers during a severe or extended water shortage in which the District has access to less than 50% of its normal water supply.

### 1.2 Background

Indian Wells Valley Water District (the District) prepared its initial Water Shortage Contingency Plan in 1992 (1992 WSCP) and adopted same by Resolution No. 92-08 on April 27, 1992. The 1992 WSCP was prepared in response to the adoption of California Assembly Bill 11X (AB 11X) relating to drought contingency in California. AB 11X added Section 10656 to the CWC and amended CWC Sections 10620, 10631, and 10652.

The District later prepared a revised WSCP, the 2017 Water Shortage Contingency Plan (2017 WSCP), and adopted same by Ordinance No. 101 on July 10, 2017. The 2017 WSCP was prepared in response to the addition of CWC Sections 365 through 367. Sections 365 through 367 were



added to the CWC by Senate Bill 814 on August 29, 2016 and relate to excessive residential water use during drought.

Since adoption of the 2017 WSCP, several revisions and additions to the CWC have taken effect. In 2015, Senate Bill 664 added Section 10632.5 to the CWC. CWC Section 10632.5 requires that a WSCP, beginning January 1, 2020, include a seismic risk assessment and mitigation plan to assess the vulnerability of each of the various facilities of a water system and mitigate those vulnerabilities. Section 10632.5 additionally requires that an urban water supplier update the seismic risk assessment and mitigation plan when updating its urban water management plan. In 2018, Senate Bill 606 (SB 606) modified CWC Section 10632 and added Sections 10632.2 and 10632.3, which pertain to the contents of a WSCP, the usage of a WSCP during a drought or other shortage conditions, and the requirement that a WSCP be included as part of an urban water supplier's urban water management plan. In 2019, Assembly Bill 1414 amended CWC Section 10632.1, requiring an urban water supplier to conduct an annual water supply and demand assessment and to submit an annual water shortage assessment report to the Department of Water Resources (DWR). The WSCP must include the procedures for conducting the annual water supply and demand assessment.

This current WSCP supersedes the 2017 WSCP and has been adopted pursuant to Ordinance No. 105, a copy of which is included in **Appendix 1** herein. This WSCP has been made available to the public prior to adoption, and the final, adopted version will be made available to the public, and provided to the City of Ridgecrest, County of Kern, and County of San Diego, within 30 days after adoption.

This WSCP has been prepared to coordinate the elements and analysis required pursuant to the CWC sections described above and is intended to create a standard and uniform response to a water shortage or a catastrophic interruption of water supplies. Copies of the relevant CWC sections are included in **Appendix 2** herein.



### 1.3 Definitions

- **"Allotment"** means the quantity of water allocated (including increased allotments) to a District customer under mandatory rationing during a Water Supply Shortage, a Catastrophic Interruption of Water Supplies, a Drought State of Emergency, or a Local Water Supply Shortage.
- **"California Water Code"** or **"CWC"** means the California Water Code adopted by the State of California and available at <http://leginfo.legislature.ca.gov/faces/codes.xhtml>.
- **"Catastrophic Interruption of Water Supplies"** means a significant interruption of water supplies resulting from a disaster, such as earthquake, fire, or flood, or from any other sudden, unexpected event.
- **"Commercial Customer"** means a business or individual who provides a service or sells products for profit.
- **"Decorative Water Feature"** means a man-made fountain, pond, waterfall, or other water-using feature that is provided solely for aesthetic or beautification purposes.
- **"District"** means the Indian Wells Valley Water District.
- **"Drought State of Emergency"** means either:
  - a. A period for which the Governor has issued a proclamation of a state of emergency under the California Emergency Services Act (Chapter 7 (commencing with Section 8550) of Division 1 of Title 2 of the Government Code) based on statewide drought conditions to an urban retail water supplier that has moved to a level of action in response to a local water supply shortage condition under the District's contingency plan pursuant to CWC Section 10632(a) that requires mandatory water use reductions; or
  - b. A period for which the Governor has issued a proclamation of a state of emergency under the California Emergency Services Act (Chapter 7 (commencing with Section 8550) of Division 1 of Title 2 of the Government Code) based on local drought conditions.



- **"Excessive Water Use"** means usage in excess of Tier 2 of the District's rate structure; i.e. usage in Tiers 3 and 4, which are defined below.
- **"Hundred Cubic Feet" or "HCF"**, means 748 gallons.
- **"Local Water Supply Shortage"** under CWC Section 367(a)(2) means a period in which the District has moved to a level of action in response to a local water supply shortage condition under the District's contingency plan pursuant to CWC Section 10632(a)(1) that requires mandatory water use reductions.
- **"Multi-Family Residential Customer"** means a multi-unit housing complex in which each unit is not metered individually but is instead metered collectively with one or more other units.
- **"Single-Family Residential Customer"** means a single-family residence or a customer in a multi-unit housing complex in which each unit is metered individually.
- **"Swimming Pool"** means any structure intended for swimming or recreational bathing that contains water over 18 inches deep. "Swimming Pool" includes in-ground and aboveground structures and includes, but is not limited to, hot tubs, spas, portable spas, and nonportable wading pools.
- **"Tier 2"** is the customer usage criterion that is described in the District's Water Sales & Service Policy Manual, adopted December 10, 2018 by Ordinance No. 104 (refer to **Appendix 3** herein).
- **"Tier 3"** is the customer usage criterion that is described in the District's Water Sales & Service Policy Manual, adopted December 10, 2018 by Ordinance No. 104 (refer to **Appendix 3** herein).
- **"Tier 4"** is the customer usage criterion that is described in the District's Water Sales & Service Policy Manual, adopted December 10, 2018 by Ordinance No. 104 (refer to **Appendix 3** herein).
- **"Urban Retail Water Supplier"** means a water supplier, either publicly or privately owned, that provides water either directly or indirectly to more than 3,000 end users or that supplies more than 3,000 acre-feet of water annually for municipal purposes. The District is an Urban Retail Water Supplier.



- **"Water Shortage Response Team"** consists of, at a minimum, the General Manager, Operations Manager, Chief Engineer, and Chief Financial Officer, but may also include as necessary the Water Supply Supervisor, Field Services Supervisor, or other representatives of various District departments, as determined and appointed by the General Manager.
- **"Water Supply Shortage"** means a period in which the District has moved to a level of action in response to a water supply shortage under the District's contingency plan pursuant to CWC Section 10632(a)(1).



## SECTION 2 WATER SUPPLY RELIABILITY ANALYSIS

**Water Code**

**10632(a)** Every urban water supplier shall prepare and adopt a water shortage contingency plan as part of its urban water management plan that consists of the following elements:

(1) The analysis of water supply reliability conducted pursuant to Section 10635.

**10635** Every urban water supplier shall include, as part of its urban water management plan, an assessment of the reliability of its water service to its customers during normal, dry, and multiple dry water years. This water supply and demand assessment shall compare the total water supply sources available to the water supplier with the long-term total projected water use over the next 20 years, in five-year increments, for a normal water year, a single dry water year, and a drought lasting five consecutive water years. The water service reliability assessment shall be based upon the information compiled pursuant to Section 10631, including available data from state, regional, or local agency population projections within the service area of the urban water supplier.

The District's sole source of potable water supply water supply consists of groundwater pumped from the Indian Wells Valley Groundwater Basin (IWVGB). Although California had experienced severe drought conditions extending from 2012 through 2017, the IWVWD did not experience any actual supply deficiencies due to its reliance on local groundwater sources.

The IWVGB is one of 21 basins in the state that the DWR determined is in "critical overdraft," meaning that the Basin suffers from chronic overuse of water supplies beyond the natural recharge of the Basin. The region has created a Groundwater Sustainability Agency (the Indian Wells Valley Groundwater Authority or IWVGA) to take policy steps that address the long-term sustainability of the IWVGB. IWVGA is a joint-powers authority consisting of the City of Ridgecrest, County of Kern, County of Inyo, County of San Bernardino, and the Indian Wells Valley Water District. IWVGA is in the process of implementing a Groundwater Sustainability Plan (GSP) to reverse the effects of overdraft while maintaining the water needs of area residents and business, which include the Indian Wells Valley Water District. The GSP was submitted to the DWR on January 31, 2020 and is currently in review. While the plan is in review, the IWVGA is implementing a series of projects and procedures to slow the groundwater overdraft and bring the basin back into long-term sustainability.



The GSP includes alternatives for implementation of a recycled water program, alternatives for purchasing and importing water to the IWVGB, and a program to facilitate fallowing of active farmland, among other projects and programs.

IWVWD does not have an immediate concern with short-term water supply reliability, and because the District's water supply is groundwater, the District is not subject to short-term water shortages resulting from temporary dry weather conditions. As described in the District's 2020 Urban Water Management Plan (2020 UWMP), the District and other groundwater users in the Indian Wells Valley have been implementing ongoing groundwater management practices to extend the useful life of the groundwater resource to meet current and future demands.

The District's goal is to provide its customers with adequate and reliable supplies of high-quality water, which meet present and future needs in an environmentally and economically responsible manner. The District's projected water supply reliability under normal conditions, during a single dry water year, and during a drought lasting up to five consecutive years, is shown in **Tables 2-1** through **2-3** below.

TABLE 2-1 PROJECTED NORMAL YEAR SUPPLY AND DEMAND COMPARISON					
	2025	2030	2035	2040	2045
Supply totals (acre-feet per year (AF/yr))	20,000	20,000	20,000	20,000	20,000
Demand totals (AF/yr)	6,930	7,130	7,690	7,830	8,050
Difference (supply minus demand, in AF/yr)	13,070	12,870	12,310	12,170	11,950
Difference as % of Supply	65%	64%	62%	61%	60%
Difference as % of Demand	189%	181%	160%	155%	148%

TABLE 2-2 PROJECTED SINGLE DRY YEAR SUPPLY AND DEMAND COMPARISON					
	2025	2030	2035	2040	2045
Supply totals (AF/yr)	20,000	20,000	20,000	20,000	20,000
Demand totals (AF/yr)	6,930	7,130	7,690	7,830	8,050
Difference (supply minus demand, in AF/yr)	13,070	12,870	12,310	12,170	11,950
Difference as % of Supply	65%	64%	62%	61%	60%
Difference as % of Demand	189%	181%	160%	155%	148%



<b>TABLE 2-3 PROJECTED MULTIPLE<sup>(1)</sup> DRY YEARS SUPPLY AND DEMAND COMPARISON</b>					
	<b>2025</b>	<b>2030</b>	<b>2035</b>	<b>2040</b>	<b>2045</b>
Supply totals (AF/yr)	20,000	20,000	20,000	20,000	20,000
Demand totals (AF/yr)	6,930	7,130	7,690	7,830	8,050
Difference (supply minus demand, in AF/yr)	13,070	12,870	12,310	12,170	11,950
Difference as % of Supply	65%	64%	62%	61%	60%
Difference as % of Demand	189%	181%	160%	155%	148%

<sup>(1)</sup> Based on a drought lasting five consecutive years and ending in the year specified in each column.

The estimated groundwater supply of 20,000 acre-feet per year (AF/yr) is based on the maximum quantity of water that the District is capable of producing if all existing wells operate continuously for 24 hours per day (20,856 AF/yr rounded down). The District has not experienced an actual supply deficiency during dry years. The District is located in an arid high desert region; therefore, supply and demand remain relatively unchanged in the District's service area during dry years, and the District does not expect a decrease in supply based on drought conditions (including a drought lasting up to five years) or climate change.

Since the District relies exclusively on groundwater as its source of supply, and is therefore not subject to short-term shortages caused by periodic drought, the analysis herein focuses on equipment failure and disaster. **Table 2-4** below shows the nominal production capability for each of the District's production wells.

<b>TABLE 2-4 SUPPLY SOURCE PRODUCTION CAPABILITY</b>	
<b>Well No.</b>	<b>Nominal Production Capacity (gallons per minute(gpm))</b>
9A	1,000
10	1,100
11	1,200
13	1,200
17	1,200
18	1,200
30	1,400
31	1,200
33	1,200
34	2,000
35	1,200
<b>Total</b>	<b>13,900</b>



The District's current pumping plant capacity is capable of providing for the current maximum day demand of 11,050 gallons per minute (gpm), with a reserve capacity of 1,650 gpm.

The District has an emergency water system interconnection with the China Lake Naval Air Weapons Station (China Lake NAWS) which permits either entity to deliver water to the other as needed to meet water supply requirements during emergencies. If, during a period of peak demand, one pumping plant was out of service, the District may rely upon water supplied from the emergency interconnection with the China Lake NAWS to make up the pumping shortfall (there is some emergency supply in storage). The District also has an emergency interconnection with Searles Valley Minerals (SVM); however, the District cannot accept water from the SVM interconnection because SVM water is not chlorinated until further downstream.

Additionally, the District recently approved a modified version of its Water Supply Improvement Project, which is designed to increase the District's water production capacity and maintain a 20% redundancy factor above the estimated maximum day demand to accommodate scheduled and unscheduled maintenance and repairs. As part of the project, Well 35 has been constructed and is expected to be placed into service in the latter half of 2021, which will increase the District's production capacity by an estimated 1,200 gpm. The District plans to increase Well 35's capacity to 2,200 in the future.

The District's *Emergency Response Plan for the Indian Wells Valley Water District*, dated October 2019 (referred to as the Emergency Response Plan) outlines the actions to be taken in the event of a major catastrophe. The Emergency Response Plan is reviewed regularly and updated as needed. The District's Emergency Response Plan is incorporated herein by reference and is kept on file at the District's office.

The District does not anticipate any inconsistency in supply due to legal, environmental, water quality, or climate factors. Factors that can cause water supply shortages or supply interruptions for the District are earthquakes, equipment failure, chemical spills, and energy outages at treatment and pumping facilities. The actions the District will take in the event of a water supply shortage or supply interruption are described in **Section 4** herein.



**SECTION 3  
ANNUAL WATER SUPPLY AND DEMAND ASSESSMENT PROCEDURES**

Water Code

**10632(a)** Every urban water supplier shall prepare and adopt a water shortage contingency plan as part of its urban water management plan that consists of the following elements:

(2) The procedures used in conducting an annual water supply and demand assessment that include, at a minimum, both of the following:

(A) The written decision-making process that an urban water supplier will use each year to determine its water supply reliability.

(B) The key data inputs and assessment methodology used to evaluate the urban water supplier's water supply reliability for the current year and one dry year, including all of the following:

(i) Current year unconstrained demand, considering weather, growth, and other influencing factors, such as policies to manage current supplies to meet demand objectives in future years, as applicable.

(ii) Current year available supply, considering hydrological and regulatory conditions in the current year and one dry year. The annual supply and demand assessment may consider more than one dry year solely at the discretion of the urban water supplier.

(iii) Existing infrastructure capabilities and plausible constraints.

(iv) A defined set of locally applicable evaluation criteria that are consistently relied upon for each annual water supply and demand assessment.

(v) A description and quantification of each source of water supply.

**10632.1** An urban water supplier shall conduct an annual water supply and demand assessment pursuant to subdivision (a) of Section 10632 and, on or before July 1 of each year, submit an annual water shortage assessment report to the department with information for anticipated shortage, triggered shortage response actions, compliance and enforcement actions, and communication actions consistent with the supplier's water shortage contingency plan. An urban water supplier that relies on imported water from the State Water Project or the Bureau of Reclamation shall submit its annual water supply and demand assessment within 14 days of receiving its final allocations, or by July 1 of each year, whichever is later.

In accordance with CWC Section 10632.1, the District is required to prepare and submit an annual water supply and demand assessment (referred to herein as the Annual Assessment) to the DWR each year by July 1, beginning in 2022. The Annual Assessment will be conducted based on the procedures described in this section of the WSCP.



### 3.1 Decision-Making Process

The process and anticipated timeline that the District will follow in conducting its Annual Assessment is below. (I was never part of the team, but has this been done annually?)

#### January

Convene Water Shortage Response Team (WSRT), as defined in Section 1.3 herein. WSRT will assess supplies and demands based on monitoring data and current conditions.

#### February

WSRT will develop preliminary report and present to Board of Directors.

#### March

WSRT will prepare an updated Annual Assessment report based on current supply and demand data. If a shortage is anticipated, District staff will use the WSCP to determine shortage level and appropriate actions, including triggered shortage response actions, compliance and enforcement actions, and communication actions.

#### April

WSRT will present Annual Assessment report and accompanying ordinance or resolution to Board of Directors for consideration and approval. If revisions to the Annual Assessment report or accompanying ordinance or resolution are needed after Board review, District staff will make the necessary revisions and present the final versions to the Board for review and approval prior to submission to DWR.

#### June

District will submit final Annual Assessment Report to DWR. The report is due on or before July 1 each year, with the first report due on or before July 1, 2022.

### 3.2 Data and Methodologies

This section includes a description of the key data inputs and methodology used to evaluate the District's water system reliability in preparation of the Annual Assessment.



Key Data Inputs:

- Prior year water demand
- Estimated water demand for the following year
- Capacity and current condition of all existing wells
- Capacity and current condition of all existing storage tanks
- Status of current and proposed water system facilities projects

District staff will evaluate all available data to determine any supply or facilities constraints or deficiencies. If shortages are anticipated, the District will use this WSCP to determine the anticipated shortage level and appropriate actions.

**3.3. Communication Protocols**

Water Code

**10632(a)** Every urban water supplier shall prepare and adopt a water shortage contingency plan as part of its urban water management plan that consists of each of the following elements:

**(5)** Communication protocols and procedures to inform customers, the public, interested parties, and local, regional, and state governments, regarding, at a minimum, all of the following:

**(A)** Any current or predicted shortages as determined by the annual water supply and demand assessment described pursuant to Section 10632.1.

**(B)** Any shortage response actions triggered or anticipated to be triggered by the annual water supply and demand assessment described pursuant to Section 10632.1.

**(C)** Any other relevant communications.

The District maintains a website, [www.iwvwd.com](http://www.iwvwd.com), with public notices, announcements, mandatory and voluntary water conservation measures, conservation tips, adopted ordinances, and other information. The District will prominently display on its website notice of any current or predicted water shortages or any shortage response actions triggered or anticipated to be triggered by the annual water supply and demand assessment or by the District's routine monitoring activities. The District will also communicate a current or anticipated Water Supply Shortage, Drought State of Emergency, or Local Water Supply Shortage, defined in **Section 1.3** herein, by mail, various social media outlets, and email.



## SECTION 4 WATER SHORTAGE LEVELS AND SHORTAGE RESPONSE ACTIONS

Water Code

- 10632(a)** Every urban water supplier shall prepare and adopt a water shortage contingency plan as part of its urban water management plan that consists of each of the following elements:
- (3)**
    - (A)** Six standard water shortage levels corresponding to progressive ranges of up to 10, 20, 30, 40, and 50 percent shortages and greater than 50 percent shortage. Urban water suppliers shall define these shortage levels based on the suppliers' water supply conditions, including percentage reductions in water supply, changes in groundwater supply levels, changes in surface elevation or level of subsidence, or other changes in hydrological or other conditions indicative of the water supply available for use. Shortage levels shall also apply to catastrophic interruption of water supplies, including, but not limited to, a regional power outage, an earthquake, and other potential emergency events.
    - (B)** An urban water supplier with an existing water shortage contingency plan that uses different water shortage levels may comply with the requirement in subparagraph (A) by developing and including a cross-reference relating its existing categories to the six standard water shortage levels.
  - (4)** Shortage response actions that align with the defined shortage levels and include, at a minimum, all of the following:
    - (A)** Locally appropriate supply augmentation actions.
    - (B)** Locally appropriate demand reduction actions to adequately respond to shortages.
    - (C)** Locally appropriate operational changes.
    - (D)** Additional, mandatory prohibitions against specific water use practices that are in addition to state-mandated prohibitions and appropriate to the local conditions.
    - (E)** For each action, an estimate of the extent to which the gap between supplies and demand will be reduced by implementation of the action.

### 4.1 Water Shortage Levels

CWC Section 10632(a)(3)(A) sets forth six standard water shortage levels that correspond to progressive ranges of shortage, up to and including a shortage of greater than 50 percent. The District's shortage response actions are summarized in **Table 4-1** below, which is based on DWR Submittal Table 8-1, a table that is required by DWR for submission with 2020 WSCPs. The District's shortage response actions are described in additional detail in Sections **4.2 through 4.5**.



<b>TABLE 4-1                      WATER SHORTAGE CONTINGENCY PLAN LEVELS                      (FROM DWR SUBMITTAL TABLE 8-1)</b>		
<b>Shortage Level</b>	<b>Percent Shortage Range</b>	<b>Shortage Response Actions                      (Narrative description)</b>
1	Up to 10%	The District routinely provides water conservation information to customers. Because the District has adequate capacity to provide regular service to customers at this shortage level, no additional actions will be taken by the District in response to a shortage level of 10% or less.
2	Up to 20%	The District will notify customers via customer portal and will provide conservation information to customers, explaining importance of water use reductions. The District will provide technical information to customers regarding methods of improving water use efficiency. The District will conduct a media campaign to remind customers of the need to save water.
3	Up to 30%	The District will notify customers via customer portal and will provide conservation information to customers, explaining importance of water use reductions. The District will provide technical information to customers regarding methods of improving water use efficiency. The District will conduct a media campaign to remind customers of the need to save water.
4	Up to 40%	Water use in excess of Tier 1, as defined in District Ordinance No. 107, will be considered Excessive Water Use and will be assessed a fine of \$100 for the initial HCF of usage in Tier 2 and an additional \$10 for each HCF over the initial Tier 2 HCF. Fines will be increased(see section 4.2.2) for each consecutive billing cycle in which a customer exceeds Tier 1 water use. In severe situations, water rationing may be implemented.
5	Up to 50%	Water use in excess of Tier 1, as defined in District Ordinance No. 107, will be considered Excessive Water Use and will be assessed a fine of \$100 for the initial HCF of usage in Tier 2 and an additional \$15 for each HCF over the initial Tier 2 HCF. Fines will be increased for each consecutive billing cycle in which a customer exceeds Tier 1 water use. In severe situations, water rationing may be implemented.
6	>50%	Water use in excess of Tier 1, as defined in District Ordinance No. 107, will be considered Excessive Water Use and will be assessed a fine of \$100 for the initial HCF of usage in Tier 2 and an additional \$20 for each HCF over the initial Tier 2 HCF. Fines will be increased for each consecutive billing cycle in which a customer exceeds Tier 1 water use. In severe situations, water rationing may be implemented.



### 4.2 Shortage Response Actions

The District has developed a rationing plan (refer to **Table 4-2**) to implement during a Water Supply Shortage which coincides with the actions to be taken during a Drought State of Emergency or a Local Water Supply Shortage.

The District's rationing plan includes voluntary and mandatory rationing, which will be implemented based on factors, including but not limited to, the cause, severity, and anticipated duration of the Water Supply Shortage. Voluntary rationing occurs when a Level 2 or 3 (up to 30% shortage) exists or a Drought State of Emergency, that contains mandatory water usage restrictions, has been declared by the Governor. Mandatory rationing will be implemented when a Level 4 shortage condition (>30% shortage) exists or a Local Water Supply Shortage has been declared by the District.

A Water Supply Shortage may be triggered by a shortage in aquifer supply, equipment failure, catastrophe (such as earthquake or power outage), or other event that results in a Water Supply Shortage. Once a Water Supply Shortage is triggered, depending on the shortage condition, either voluntary or mandatory rationing will be implemented as described in **Table 4-2** below.

TABLE 4-2 WATER SHORTAGE LEVELS AND REDUCTION GOALS			
Shortage Level	Shortage Condition	Customer Reduction Goal	Type of Rationing Program
1	≤10%	--	Voluntary*
2	≤20%	25%	Voluntary*
3	≤30%	25%	Voluntary*
4	≤40%	30%	Mandatory
5	≤50%	35%	Mandatory
6	>50%	40%	Mandatory

\* In the event the State of California issues mandatory water conservation requirements, whether or not such requirements are accompanied by a Governor-declared Drought State of Emergency, the District will adopt an ordinance setting forth mandatory measures to comply with such mandatory water conservation requirements.



#### 4.2.1 Voluntary Rationing Program

In the event of a Level 2 or 3 shortage condition, the District will implement the voluntary measures outlined in **Items (1) through (4)** below. These voluntary measures, will also be implemented in the event of a Level 4, 5, or 6 water shortage condition, a Local Water Supply Shortage, or a Drought State of Emergency, that include mandatory water usage restrictions. Note that during any shortage condition level, the requirements of District Ordinance No. 103 and the penalties applicable to violations thereof remain in effect. District Ordinance No. 103 is described in **Section 6.3** herein, and a copy of said ordinance is included in **Appendix 4**.

- 1) The District will notify customers of the water shortage by customer portal, mail, the District's website, various social media outlets, and email. Conservation information will be mailed to every customer, which will explain the importance of significant water use reductions.
- 2) Technical information will be provided to the District's customers regarding methods for improving water use efficiency.
- 3) The District will conduct a media campaign to remind consumers of the need to save water.

#### 4.2.2 Mandatory Rationing Program

In the event of a Level 4, Level 5, or Level 6 shortage condition or a Local Water Supply Shortage, water use in excess of Tier 1 water use is considered Excessive Water Use and is subject to the penalties described below. The District's tiered usage Allotment, listed in **Table 4-3** below, is based on the District's tiered rate structure, which is set forth in the *Indian Wells Valley Water District Water Sales & Service Policy Manual* (Ordinance No. 107), a copy of which is included in **Appendix 3** herein. The rate structure is organized into usage tiers based on quantity, meter size, and connection type.

The quantities of water designated in **Table 4-3** and Ordinance No. 107 are given in units of hundred cubic feet (HCF), which is the standard measurement for all District water



deliveries and is indicated on the District's water bills and water meters. One HCF is equivalent to 748 gallons of water.

TABLE 4-3 USE ALLOTMENT PER TIER IN HUNDRED CUBIC FEET (HCF) PER ORDINANCE NO. 107 - WATER SALES AND SERVICE POLICY MANUAL				
Tier	3/4" Meter	1" Meter	1-1/2" Meter	2" Meter
Tier 1	0 - 20	0 - 33	0 - 65	0 - 104
Tier 2	21 and over	34 and over	66 and over	105 and over
Tier	3" Meter	4" Meter	6" Meter	8" Meter
Tier 1	0 - 208	0 - 325	0 - 650	0 - 1,040
Tier 2	209 and over	326 and over	651 and over	1,041 and over

During a Level 4, 5, or 6 shortage condition or a Local Water Supply Shortage, the following will apply, in addition to the actions applicable during a Level 2 or 3 shortage condition:

- 1) Water use in excess of Tier 1 of the District's rate structure in a single billing cycle shall be considered Excessive Water Use.
- 2) A customer exceeding Tier 1 usage in a single billing cycle shall be assessed a fine of \$100 for the initial HCF of usage in Tier 3. An additional fine of \$10, \$15, or \$20 depending on water shortage level for each HCF of usage over the initial Tier 2 HCF of usage shall be assessed in addition to the base rate.
- 3) For each consecutive billing cycle that a customer's usage exceeds Tier 1 usage, the previous fine shall be increased by \$100 for the initial HCF of usage in Tier 2. The additional \$10, \$15, or \$20 fine for each HCF of usage over the initial Tier 2 HCF of usage shall similarly increase \$10, \$15 or \$20 in addition to the base rate. For example, a second consecutive billing cycle will result in an Excessive Water Use fine of \$200 for the initial HCF of Tier 2 usage. For each additional HCF of Tier 2 usage, a penalty of \$20 shall be assessed in addition to the base rate of a level 4 violation. A third consecutive billing cycle will result in an Excessive Water Use fine of \$300 for the initial HCF of Tier 2 usage. For each additional HCF of Tier 2 usage, a penalty of \$30 shall be assessed in addition to the base rate.



The fines shall increase in increments of \$100 and \$10, \$15 and \$20 depending on water shortage level, respectively, up to a maximum of \$500 for the initial HCF of Tier 2 usage and \$50, \$75, \$100 for each additional HCF over the initial HCF of Tier 2 usage in addition to the base rate.

- 4) Any fine resulting from violation of this WSCP will be added to the customer's water bill and is due and payable with that water bill.
- 5) Non-payment of a fine shall be addressed with due process in mind.

#### 4.3 Drought State of Emergency

During a period for which the Governor has issued a proclamation of a Drought State of Emergency, water use in excess of Tier 1 water use is considered Excessive Water Use and the following will apply:

- 1) Water use in excess of Tier 1 of the District's rate structure in a single billing cycle shall be considered Excessive Water Use.
- 2) Water use in excess of Tier 1 of the District's rate structure in a single billing cycle will be assessed a fine of 1% of the total Tier 2 use during that billing cycle until the Drought State of Emergency is declared over by proclamation of the Governor or like action.
- 3) Any fine resulting from violation of this WSCP will be added to the customer's water bill and is due and payable with that water bill.
- 4) Non-payment of a fine shall be addressed with due process in mind.

#### 4.4 Emergency Response Actions During a Catastrophic Interruption of Water Supplies

The water shortage contingency analysis includes the possibility of a catastrophic interruption of water supplies impacting the District's ability to deliver water. Events that can cause catastrophic outages include earthquakes, chemical spills, and power outages at treatment plants and pumping facilities. The *Emergency Response Plan for the Indian Wells Valley Water District*, dated October



2019, referred to as the Emergency Response Plan, describes the actions to be taken in the event of a catastrophic interruption of water supplies. The Emergency Response Plan is reviewed regularly and updated as needed. The District's Emergency Response Plan is incorporated herein by reference and is kept on file at the District's office.

The Emergency Response Plan is coordinated with other emergency services, including police, fire, medical services, other utilities, as well as county, state, and federal agencies. The Emergency Response Plan includes procedures for reportable emergency incidents, notifications, boil water orders, unsafe water alerts, and emergency chlorination.

The following steps comprise the District's procedure for emergency situation response and evaluation of a catastrophic interruption of water supplies.

STEP 1: The priority response to any degree of disaster, prior to plant evaluation, is to shut and lock off the inlet and outlet valves of the Bowman #2 service-level storage tank on West Bowman Road. This tank is one of the three service-level storage tanks in the A-Zone, which can supply water to the District's main distribution grid. The isolation of this tank will have minimal effect on the hydraulics of the system and can be left off, pending evaluation of the distribution mains.

STEP 2: Evaluate the integrity of the District's remaining service-level storage tanks and the quantities of water still contained therein.

STEP 3: Coordinate the personnel available for use in the emergency and establish District communication. Next, establish communication with other local governmental and law enforcement agencies.

STEP 4: Evaluate the damage done to the rest of the District's facilities, including wells and distribution mains.

**\*\*\*\* Damaged mains will be assumed contaminated, and therefore will not be put back into service until the District determines that they comply with all applicable federal and state laws and regulations. \*\*\*\***



If system evaluation shows a loss of capacity, then depending on the amount of capacity lost, it might be necessary to valve off additional service-level storage tanks to protect the system from loss of stored water. District staff maintains the ability to take any necessary action to maintain the integrity of all District facilities.

The general priorities for valving off additional service-level storage are:

- 1. R/C Heights Tank 3,000,000 gallons
- 2. Springer Tank 2,000,000 gallons
- 3. C-Zone Tanks 2,00,000 gallons
- 4. Gateway Tank 1,550,000 gallons

And in a drastic situation:

- 5. Salisbury Tanks 400,000 gallons
- 6. Kendall Tank 2,000,000 gallons
- 7. College Tank 1,100,000 gallons

As soon as the evaluation is complete, the District will communicate necessary information to other emergency services and to the public. If plant integrity is found to be good, any storage tanks that have been valved off can be put back online as determined by the District. The District's storage facilities are listed in **Table 4-4**.

TABLE 4-4 EXISTING STORAGE FACILITIES					
No.	Total Volume (gallons)	Number of Storage Tanks	Name	Zone	Location
1	7,000,000	2	Bowman	A	West Bowman Road
2	2,000,000	1	Kendall	A	Kendall Street
3	3,000,000	1	R/C Heights	B	Kendall & Brady
4	2,000,000	1	Springer	B	Springer Street
5	1,550,000	2	Gateway	B	Gateway & Jarvis
6	2,000,000	2	C-Zone	C	Sunland, South of Jarvis
7	400,000	1	Salisbury	D	Belle Vista & Richmond
8	1,100,000	2	College	E	East of Cerro Coso College



The District maintains spare motors and pumping equipment for use at any of its pumping plants and has typically been able to return pumping plants to service within two weeks after minor damage. Further, the District has adequate backup power (generators) to provide emergency water service (indoor domestic use only) to its customers in the event of a catastrophic interruption of water supplies. Refer to the water Allotments described in **Section 4.5** below.

The District has interconnection agreements with the China Lake Naval Air Weapons Station (China Lake NAWS) and Searles Valley Minerals (SVM). The District's interconnection with China Lake NAWS includes facilities that can transfer approximately 1,300 gpm from China Lake NAWS to the District and approximately 2,000 gpm from the District to China Lake NAWS under emergency conditions. The District's interconnection with SVM consists of a single tie-in located in the northern half of the District's service area, and allows SVM to take up to approximately 750 gpm from the District under emergency conditions. Since SVM does not perform well-head disinfection, the District cannot currently accept water from SVM.

#### **4.5 Water Allotments During a Catastrophic Interruption of Water Supplies**

In the event of a catastrophic interruption of water supplies, the District will establish mandatory monthly Allotments for each connection. The water Allotment for a residential customer is based on the minimum quantity that is required for health and safety needs (e.g. drinking, personal hygiene). The District has established said minimum quantity as 68 gallons per capita per day (gpcd), which is based on five (5) flushes per day of a 5.5 gallons-per-flush toilet, five (5) minutes in a 4.0 gallons-per-minute shower, 12.5 gpcd for clothes washing, 4 gpcd for kitchen use, and 4 gpcd for other use; as shown in Table 23 of the 2015 Urban Water Management Plan. The water Allotment for commercial, industrial, and landscape connections will be based on average use during a three-year base period that will supplement the voluntary measures outlined in



**Section 4.2.1.** Said base period will be selected by the District's Water Shortage Response Team, which is defined in **Section 1.3** herein.

a. Allotments by Customer Type

1) Single-Family Residential Connections

Each single-family residential connection will receive an Allotment, calculated as described below.

The Allotment for Single-Family Residential Connections is determined by the following equation:

$$\boxed{68 \text{ Gallons per Capita per Day (gpcd)}} \times \boxed{3.1 \text{ Persons per Household}} \times \boxed{\text{Number of Days in the Billing Month}}$$

Each single-family residential connection will receive no more than 103 HCF per year (68 gpcd minimum water requirement x 3.1 persons per household x 365 days = 76,942 gallons ÷ 748 = 103 HCF) per dwelling unit plus 20% of the Allotment. The 103 HCF per year equates to 0.2822 HCF per day. This daily figure will be used to calculate the monthly Allotments based on the number of days in the relevant month(s).

2) Multi-Family Residential Connections

Each multi-family residential connection will receive an Allotment, calculated as described below.

The Allotment for Multi-Family Residential Connections is determined by the following equation:

$$\boxed{68 \text{ Gallons per Capita per Day (gpcd)}} \times \boxed{2.3 \text{ Persons per Household}} \times \boxed{\text{Number of Days in the Billing Month}}$$

Each multi-family residential connection will receive no more than 76 HCF per year (68 gpcd minimum water requirement x 2.3 persons per dwelling unit x 365



days = 57,086 gallons ÷ 748 = 76 HCF) per dwelling unit plus 20% of the Allotment. The 76 HCF per year equates to 0.2082 HCF per day. This daily figure will be used to calculate the monthly Allotments based on the number of days in the relevant month(s).

- 3) The Allotment for each commercial and industrial connection will be no more than 60% of average usage for said account for the same billing month over the selected three-year base period.
- 4) Each account that has been identified as a landscape connection will receive an Allotment consisting of 20% of the average water use of said account for the same billing month over the selected three-year base period, unless the specific account has been determined by District staff to meet the District's landscape guidelines for xeriscape design, irrigation, and maintenance, in which case it will receive 70% of the average water usage for said account for the billing month over the selected three-year base period.
- 5) No meters will be installed for new accounts during a Water Supply Shortage or a Drought State of Emergency.

b. Increased Customer Allotments

Increased Allotments may be approved for the following:

- 1) **Substantial Medical Requirements:** Increased Allotments to a residential customer may be established and approved when the residential customer has established to the satisfaction of the District that the Allotment would be dangerous to the health of the residential customer or a full-time resident of the residential customer's household. Certification from a licensed physician, public health nurse, or a social worker may be required by the District.
- 2) **Residential Connections with Four or More Residents in a Single-Family Household or Three or More Residents per Unit in a Multi-Family Residence:** These connections may, at the discretion of the District, receive additional



Allotments based upon the same calculations used for Allotments. A census may be conducted to determine the actual number of residents per dwelling unit. Increased Allotments will be approved for permanent residents only. Permanent residents are defined as people who live in the specific residence a minimum of five days per week, nine months per year.

- 3) Commercial Customers for which Water Supply Reductions Will Result in Unemployment or Decreased Production: A District water auditor must first confirm that the Commercial Customer has implemented all applicable water efficiency improvements.
- 4) Non-commercial customers can appeal for additional or increased Allotments for a horse, cow, or other large non-domestic animal, and for each efficiently irrigated mature fruit tree.
- 5) Government agencies may have separate Allotments.

c. Appeals Procedure for Customer Allotments

Customers may appeal their Allotment in accordance with the procedure described below.

- 1) Any person who wishes to appeal their customer classification or Allotment must do so in writing, using forms and procedures to be provided by the District.
- 2) Appeals will be handled and decided by the Water Shortage Response Team. Site visits will be scheduled as determined by the Water Shortage Response Team.
- 3) One of the conditions of approval will be that all applicable plumbing fixtures or irrigation systems be replaced or modified to provide maximum water conservation.
- 4) The Water Shortage Response Team may enlist the services of a qualified consultant to assist in making the final decision of any appeal.
- 5) The Water Shortage Response Team will approve or deny all appeals.



- 6) If the applicant disagrees with the decision of the Water Shortage Response Team, the applicant may further appeal the decision which will then be heard by the District's Board of Directors, who will make the final determination.
- 7) The decision on all appeals will be reported monthly to the District's Board of Directors as a part of the District's Water Supply Report.

**4.6 Shortage Response Action Effectiveness**

<b>TABLE 4-5 DEMAND REDUCTION ACTIONS (FROM DWR SUBMITTAL TABLE 8-2)</b>				
<b>Shortage Level</b>	<b>Demand Reduction Actions</b> <i>Drop down list</i> <i>These are the only categories that will be accepted by the WUEdata online submittal tool. Select those that apply.</i>	<b>How much is this going to reduce the shortage gap?</b> <i>Include units used (volume type or percentage)</i>	<b>Additional Explanation or Reference</b> <i>(optional)</i>	<b>Penalty, Charge, or Other Enforcement?</b> <i>For Retail Suppliers Only</i> <i>Drop Down List</i>
2	Expand Public Information Campaign		See Notes	No
2	Increase Frequency of Meter Reading		See Notes	No
2	Offer Water Use Surveys		See Notes	No
2	Provide Rebates on Plumbing Fixtures and Devices		See Notes	No
2	Landscape - Restrict or prohibit runoff from landscape irrigation		See Notes	No
2	Landscape - Limit landscape irrigation to specific times		See Notes	No
2	Landscape - Limit landscape irrigation to specific days		See Notes	No
2	CII - Lodging establishment must offer opt out of linen service		See Notes	No
2	CII - Restaurants may only serve water upon request		See Notes	No
2	Water Features - Restrict water use for decorative water features, such as fountains		See Notes	No
2	Pools and Spas - Require covers for pools and spas		See Notes	No
2	Other - Customers must repair leaks, breaks, and malfunctions in a timely manner		See Notes	No
2	Other - Prohibit use of potable water for washing hard surfaces		See Notes	No
2	Other - Prohibit vehicle washing except at facilities using recycled or recirculating water		See Notes	No



4, 5, 6	Implement or Modify Drought Rate Structure or Surcharge	Minimal	See Notes	Yes
4, 5, 6	Moratorium or Net Zero Demand Increase on New Connections	Minimal	See Notes	No

NOTES: Actions implemented for each Shortage Level will also be implemented for all higher shortage levels. Most of the actions listed for Level 2 are already in place by ordinance. Because of existing conservation measures already in place, including many of those listed above, substantial water use reduction is not expected during Level 2. Actions implemented for Levels 4-6 are expected to result in an unknown reduction in any shortage gap, but any reduction is expected to be minimal.



<b>TABLE 4-6            SUPPLY AUGMENTATION AND OTHER ACTIONS            (FROM DWR SUBMITTAL TABLE 8-3)</b>			
Shortage Level	Supply Augmentation Methods and Other Actions by Water Supplier <b><i>Drop down list</i></b> <i>These are the only categories that will be accepted by the WUEdata online submittal tool</i>	How much is this going to reduce the shortage gap? <i>Include units used (volume type or percentage)</i>	Additional Explanation or Reference <i>(optional)</i>
4	Stored Emergency Supply		Existing storage in reservoirs
4	Transfers	1,300 gpm	Emergency interconnection with China Lake NAWS
NOTES: Supply augmentation methods will be implemented as deemed necessary by the District's Board of Directors and are not limited to any particular shortage level.			



## SECTION 5 SEISMIC RISK ASSESSMENT AND MITIGATION PLAN

### Water Code

#### 10632.5

(a) In addition to the requirements of paragraph (3) of subdivision (a) of Section 10632, beginning January 1, 2020, the plan shall include a seismic risk assessment and mitigation plan to assess the vulnerability of each of the various facilities of a water system and mitigate those vulnerabilities.

(b) An urban water supplier shall update the seismic risk assessment and mitigation plan when updating its urban water management plan as required by Section 10621.

(c) An urban water supplier may comply with this section by submitting, pursuant to Section 10644, a copy of the most recent adopted local hazard mitigation plan or multihazard mitigation plan under the federal Disaster Mitigation Act of 2000 (Public Law 106-390) if the local hazard mitigation plan or multihazard mitigation plan addresses seismic risk.

To comply with CWC Section 10632.5, this WSCP includes a copy of the most recent hazard mitigation plan adopted for Kern County, *County of Kern Multi-Jurisdiction 2020 Hazard Mitigation Plan*, which was adopted by Kern County on February 11, 2021 and approved by the Federal Emergency Management Agency (FEMA) on April 9, 2021. The plan includes a seismic risk assessment for the county, and a copy of said plan is included in **Appendix 5** herein.

Measures that the District will take in the event of a seismic event will depend upon the resultant water shortage level or whether a catastrophic water supply interruption results from the seismic event, and are described in **Section 4** herein.



**SECTION 6  
PROHIBITIONS, PENALTIES, AND APPEALS**

Water Code

**10632(a)(6)** For an urban retail water supplier, customer compliance, enforcement, appeal, and exemption procedures for triggered shortage response actions as determined pursuant to Section 10632.2.

The District currently has multiple ordinances in effect that prohibit or restrict specific water use practices. Ordinance No. 98 requires a water efficient landscape as a condition of receiving new water service, and Ordinance No. 99 requires water efficient landscape as a condition of receiving new multi-family dwellings, commercial, and/or institutional water service. Ordinance No. 103, adopted September 11, 2017 imposes water use prohibitions and restrictions, as well as penalties for noncompliance. It is important to note that, as of the adoption of the WSCP, Ordinance No. 93 is currently superseded by Ordinance No. 100, and Ordinance No. 100 is currently superseded by Ordinance No. 103; however, Ordinance No. 100 will be put back into effect if Ordinance No. 103 is rescinded by the District. Likewise, Ordinance No. 93 will be put back into effect if Ordinance No. 100 is rescinded by the District. Ordinance Nos. 93, 100, and 103 are described below, and copies of these ordinances are included **Appendix 4** herein.

**6.1 Ordinance No. 93**

a. Summary

The District adopted *Ordinance No. 93 Ordinance of the Board of Directors of the Indian Wells Valley Water District, Kern and San Bernardino Counties, California, Rescinding Ordinance No. 72 in its Entirety; and Adopting Voluntary and Mandatory Conservation Measures and Recommending and/or Requiring Certain Water Conservation Measures*, effective as of May 10, 2010, also referred to as the Water Efficient Landscape Ordinance.

Ordinance No. 93 sets forth landscape procedures for new development (including residential, commercial, industrial, and institutional development), including water features and new swimming pools. Additionally, Ordinance No. 93 includes certain mandatory water restrictions for all District customers.



**Ordinance No. 93 is currently superseded by Ordinance No. 100, until such time that Ordinance No. 100 is rescinded by the District's Board of Directors. As noted in Section 6.2, Ordinance No. 103 supersedes Ordinance No. 100.** The water use restrictions, the associated penalties, and the appeal process pursuant to Ordinance No. 93 are described in **Items b through d** below.

b. Water Use Restrictions Pursuant to Ordinance No. 93

The following water use restrictions will be in effect in accordance with Ordinance No. 93, upon rescission of Ordinance No. 100:

- 1) All new single-family residential landscape projects are subject to District Ordinance No. 98, which imposes mandatory restrictions on landscaping and rescinded Ordinance No. 90. All existing single-family residential landscape projects which are not subject to Ordinance No. 98 are encouraged to abide by these recommendations. Existing landscape areas larger than one acre may be audited so recommendations can be made for water savings.
- 2) **Item (4)** below cites the Approved Plant List. The Approved Plant List is the list formulated by District Staff and approved and/or modified by the District's Board of Directors. The Approved Plant List is a requirement for new development subject to District Ordinance Nos. 98 and 99. The Approved Plant List is a recommendation for existing single-family and multi-family dwellings, commercial, and/or institutional development.
- 3) The following is recommended for all single-family homes:
  - a) Turf landscaping should not exceed 2,000 square feet of single-family residential lots 10,000 square feet or smaller.
  - b) Turf landscaping should not exceed 3,000 square feet of single family residential lots 10,001 square feet or larger.



- c) Irrigation and Landscape Design. Homebuilders, developers, and/or landscape contractors should provide the residential customer with an irrigation design and landscape design that would, if installed, demonstrate compliance with Ordinance No. 93. Low volume irrigation systems will be demonstrated along with low water use plant material.
  - d) The irrigation design needs to show proper drainage to eliminate water waste.
  - e) Irrigation Drainage. All irrigation water is to remain on property during normal water run cycle, such that there is minimal or limited runoff from the area being irrigated, specifically onto sidewalks and streets.
- 4) All new landscape projects for multi-family residential, commercial, industrial, or institutional customers are subject to District Ordinance No. 99, which imposes mandatory restrictions on:
- a) Turf and/or any plants not on the Approved Plant List (defined in Ordinance No. 93 in **Appendix 4** herein) are limited to up to 50% of the landscape area.
  - b) Only the plants from the Approved Plant List, on file and maintained by the District, shall be used within the remaining landscape area.
  - c) The irrigation system in the remaining landscape area must be a Low Volume Irrigation System, as defined in Ordinance No. 93.
  - d) All of the landscape area shall be designed to eliminate any runoff.
  - e) An irrigation and landscape plan shall be submitted to the City of Ridgecrest Planning Department, containing low volume irrigation systems and low water use plants. The irrigation plan shall demonstrate drainage to eliminate water waste. The plan must provide adequate water supply such that all of the water needed can be delivered every other day



within the water window of 8:00 PM - 8:00 AM during the months of May, June, July, August, September, and October.

- f) Irrigation Drainage. All irrigation water is to remain on property during normal water run cycle, such that there is no runoff from the area being irrigated, specifically onto sidewalks and streets.
- 5) Public and private swimming pools and water bodies over 300 square feet shall adhere to the goal of water efficiency, as follows:
- a) New swimming pools shall have a swimming pool cover.
  - b) New swimming pools shall have a drainage plan.
  - c) Water features, including swimming pools, must have recycling or recirculation features.
- 6) No water user shall waste water, as described in the following **Items (a) through (d)**.
- a) Landscape irrigation to an extent which allows water to runoff the area being irrigated, specifically onto sidewalks and streets creating an undue, continuous flow of water.
  - b) Washing down hard or paved surfaces, including but not limited to sidewalks, walkways, driveways, parking areas, tennis courts, patios, or alleys, is prohibited except when necessary to alleviate safety or sanitary hazards, and then only by use of hand-held bucket or similar container, a hand-held hose equipped with a positive self-closing water shut-off device or a low-volume water broom, high-pressure cleaning machine equipped to recycle any water used. General maintenance cleaning shall be performed by other means, such as by using a broom.



- c) Knowingly allowing water to leak through water connections, hoses, faucets, pipes, outlets, or plumbing fixtures.
  - d) Limits on washing vehicles: Using water to wash or clean a vehicle, including but not limited to any automobile, truck, van, bus, motorcycle, boat, motor home, or trailer, whether motorized or not is prohibited, except by use of a hand-held bucket or similar container or a hand-held hose equipped with a positive self-closing water shut-off nozzle or device. This subsection does not apply to any commercial car washing facility that recycles water.
- 7) Landscape shall not be irrigated on the surface, except for hand watering and/or the use of a drip irrigation system, between the hours of 8:00 AM - 8:00 PM during the months of May, June, July, August, September, and October, unless a special permit is issued to accommodate newly planted material.
- 8) No water shall be provided to any structure hereafter constructed or remodeled unless the plumbing fixtures to be installed conform to requirements of law as to flow capacity.
- c. Notice and Penalties for Violation of Water Use Restrictions Pursuant to Ordinance No. 93
- 1) Upon confirmation by the District of any violation of Ordinance No. 93, if in effect, the District shall provide written notice, along with educational materials to the owner of record and/or occupant. The notice shall be dated and shall specify the address, the nature of the violation, list the steps that must be taken to comply with Ordinance No. 93 and the name and telephone number of a District staff person from whom additional information can be obtained. In addition, the notice shall advise the owner/occupant that termination of water service will result from continued non-compliance. These provisions are for a first violation within any consecutive twelve month period.
  - 2) If the owner/occupant fails to comply with the requirements of the notice pursuant to **Item (c)(1)** above, within a reasonable amount of time, a second violation shall



occur and a second notice containing the information specified in **Item (c)(1)** shall be issued. The second violation shall impose a fine in an amount not to exceed fifty dollars (\$50) and will be charged to and billed on the water user's account. If, under the discretion of the District, satisfactory progress is being made on steps to correct the violation, a second notice will not be issued.

- 3) If the owner/occupant fails to comply with the requirements of the notice pursuant to **Item (c)(2)** above, within a reasonable amount of time, a third violation shall occur and a third notice containing the information specified in **Item (c)(1)** shall be issued. The third violation shall impose a fine in an amount not to exceed two hundred dollars (\$200) and will be charged to and billed on the water user's account.

The third notice shall also notify the owner/occupant that water service will be terminated within thirty (30) calendar days unless the owner/occupant is in compliance with the provisions of Ordinance No. 93. If the owner/occupant fails to comply with the provisions of Ordinance No. 93, the final notice of service termination shall be posted at the entrance to the dwelling/property, which indicates that water service shall be terminated in forty-eight (48) hours.

The District's General Manager shall have the authority to extend any deadlines by a period of time not to exceed an additional 30 days as set forth in Ordinance No. 93.

d. Appeal Process Under Ordinance No. 93

Should a property owner/occupant determined to be in violation of the provisions of Ordinance No. 93 dispute the findings of staff or if said property owner/occupant believes they have sufficient justification for said violation, said property owner/occupant may request a hearing with an appropriate committee of the Board of Directors. The hearing shall be scheduled within thirty (30) calendar days of the request. The hearing shall be attended by the District's General Manager or a designated representative of the General Manager.



The District's General Manager or a designated representative of the General Manager shall mail the property owner/occupant a written decision within ten (10) calendar days of the hearing. If the property owner/occupant is dissatisfied with the outcome of the hearing, the property owner/occupant may request the matter be placed on the agenda of the District's regularly scheduled Board Meeting. The property owner/occupant may then make his or her petition to the Board of Directors. The Board's determination shall be final.

## 6.2 Ordinance No. 100

### a. Summary

On January 11, 2016, the District adopted *Ordinance No. 100 Ordinance of the Board of Directors of the Indian Wells Valley Water District, Kern and San Bernardino Counties, California, Rescinding Ordinance Number 97 in its Entirety and Adopting Emergency Water Conservation Mandatory Restrictions*, a copy of which is included in **Appendix 4** herein. Ordinance No. 100 includes provisions for compliance with the mandatory restrictions imposed by the State Water Resources Control Board's (SWRCB's) emergency water conservation regulations. Ordinance No. 100 supersedes Ordinance No. 93 until such time that Ordinance No. 100 is rescinded by the District's Board. **Ordinance No. 100 is currently superseded by Ordinance No. 103, until such time that Ordinance No. 103 is rescinded by the District's Board of Directors.**

The water use restrictions set forth in Ordinance No. 100 are described below.

### b. Water Use Restrictions Pursuant to Ordinance No. 100

The following water use restrictions are in effect in accordance with Ordinance No. 100 (until rescinded by the District's Board of Directors):

- 1) No water user shall waste water. For the purposes of this section, "waste" includes the following and is prohibited:



- a) Landscape irrigation to an extent which allows water to runoff the landscape area being irrigated, specifically onto sidewalks and streets creating an undue, continuous flow of water.
  - b) Washing down hard or paved surfaces, including but not limited to sidewalks, walkways, driveways, parking areas, tennis courts, patios or alleys, is prohibited except when necessary to alleviate safety or sanitary hazards, and then only by use of handheld bucket or similar container, a handheld hose equipped with a positive self-closing water shut-off device or a low-volume water broom, high-pressure cleaning machine equipped to recycle any water used. General maintenance cleaning shall be performed by other means, such as by using a broom.
  - c) Knowingly allowing water to leak through water connections, hoses, faucets, pipes, outlets, or plumbing fixtures.
  - d) Limits on washing vehicles: Using water to wash or clean a vehicle, including but not limited to any automobile, truck, van, bus, motorcycle, boat, motor home, or trailer, whether motorized or not is prohibited, except by use of a handheld bucket or similar container or a handheld hose equipped with a positive self-closing water shut-off nozzle or device. This subsection does not apply to any commercial car washing facility that recycles water.
- 2) During the months of April, May, June, July, August, September, and October, all customers of the District (including residential, commercial, public, and industrial) with even-numbered addresses may only operate irrigation systems on Tuesday, Thursday, and Saturday, and odd-numbered addresses may only operate irrigation systems on Wednesday, Friday, and Sunday. Irrigation systems may not be operated on Mondays. Landscape Areas shall not be irrigated on the surface, except for hand watering and/or the use of a drip irrigation system, between the hours of 8:00 AM - 8:00 PM, unless a special permit is issued to accommodate newly planted material.



During the months of November, December, January, and February, all customers of the District (including residential, commercial, public, and industrial) with even-numbered addresses may only operate irrigation systems on Saturday and odd-numbered addresses may only operate irrigation systems on Sunday. Irrigation systems may not be operated on Mondays, Tuesdays, Wednesdays, Thursdays, or Fridays. There will be no daytime watering restrictions during these months.

- 3) Turf or ornamental landscapes shall not be irrigated during the 48 hours following measurable precipitation.
- 4) Restaurants and other food service establishments shall only serve water to customers upon request by customer.
- 5) Operators of hotels and motels shall provide guests with the option of choosing not to have towels and linens laundered daily and prominently display notice of this option.
- 6) Operating a fountain or Decorative Water Feature is prohibited, unless the water is part of a recirculating system.
- 7) No water service shall be provided to any structure hereafter constructed or remodeled unless the plumbing fixtures to be installed conform to the requirements of law as to flow capacity.
- 8) The District's General Manager or designee may provide health and safety exceptions with regards to mandatory measures on a case by case basis.

c. Notice and Penalties for Violation of Water Use Restrictions Pursuant to Ordinance No. 100

Upon confirmation by the District of any violation of Ordinance No. 100, the District shall provide written notice (warning) to the owner of record, and/or occupant, and/or property manager (owner/occupant/manager). The notice shall be dated and shall specify the



address, the nature of the violation, list the steps that must be taken to comply with the water use restrictions, and the name and telephone number of a District staff person from whom additional information can be obtained. In addition, the notice shall advise the owner/occupant/manager that termination of water service may result from continued non-compliance. These provisions are for a first violation of the water use restrictions.

Once a warning has been issued to any owner/occupant/manager, they shall be considered duly informed of the District's mandatory restrictions pursuant to Ordinance 100, and any future violations shall be subject to the provisions in **Items (1) through (4)** below.

- 1) If the owner/occupant/manager fails to comply with the requirements of the written notice described above, within a reasonable amount of time but not less than two weeks, a second violation shall occur and the District shall provide a second written notice to the owner/occupant/manager. The notice shall be dated and shall specify the address, the nature of the violation, list the steps that must be taken to comply with the water use restrictions, how to obtain educational water conservation materials electronically, and the name and telephone number of a District staff person that can provide additional information including hard copies of educational water conservation materials. In addition, the notice shall advise the owner/occupant/manager that a monetary fine in the amount of fifty dollars (\$50) shall be imposed for a third violation of the water use restrictions and that termination of water service may result from continued non-compliance.
  
- 2) If the owner/occupant/manager fails to comply with the requirements of the notice given pursuant to **Item (1)** above, within a reasonable amount of time but not less than two weeks, a third violation shall occur and a third notice containing the date, the address, the nature of the violation, and the steps that must be taken to comply with the water use restrictions shall be issued. The third notice shall further advise the owner/occupant/manager that a fine in the amount of two hundred dollars (\$200) shall be imposed for a fourth violation of the water use restrictions. The third violation shall impose a fifty dollar (\$50) fine charged to and billed on the water user's account. This fine shall be subject to the District's delinquent charges section, as described in the current Water Sales and Service Policy Manual (refer to **Appendix 3** herein). If, in the sole discretion of the District, satisfactory



progress is being made on steps to correct the violation, a third notice will not be issued.

3) If the owner/occupant/manager fails to comply with the requirements of the notice given pursuant to **Item (2)** above, within a reasonable amount of time but not less than two weeks, a fourth violation shall occur and a fourth notice containing the date, the address, the nature of the violation, and the steps that must be taken to comply with the water use restrictions shall be issued. The fourth violation shall impose a two hundred dollar (\$200) fine charged to and billed on the water user's account on a monthly basis until the violation(s) ceases. This fine shall be subject to the District's delinquent charges section as described in the current Water Sales and Service Policy Manual (refer to **Appendix 3** herein).

4) If the owner/occupant/manager fails to comply with the requirements of the notice given pursuant to **Item (3)** above, resulting in repeated and significant water loss as determined by the District, the District may terminate water service within ten (10) calendar days unless the owner/occupant/manager is in compliance with the water use restrictions. If the owner/occupant/manager fails to comply with the water use restrictions, then the final notice of service termination, subject to the District's current 48-hour notice of termination charge, shall be posted at the entrance to the dwelling/property stating that water service shall be terminated in forty-eight (48) hours.

Service may only be restored if the violation has been corrected. Owner/occupant/manager will be required to pay all fines and penalties previously assessed, plus a service reinstatement charge per the Customer Service Charges section of the current Water Sales and Service Policy Manual (refer to **Appendix 3** herein).

d. Appeal Process Under Ordinance No. 100

Should an owner/occupant/manager determined to be in violation of the water use restrictions set forth in Ordinance No. 100 dispute the findings of staff or if said owner/occupant/manager believes they have sufficient justification for said violation, said owner/occupant/manager may request a hearing with an appropriate committee of the



Board of Directors. The hearing shall be scheduled within thirty (30) calendar days of the request. The hearing shall be attended by the District's General Manager or a designated representative of the General Manager.

The District's General Manager or a designated representative of the General Manager shall mail the owner/occupant/manager a written decision within ten (10) calendar days of the hearing. If the owner/occupant/manager is dissatisfied with the outcome of the hearing, the owner/occupant/manager may request the matter be placed on the agenda of the District's regularly scheduled Board Meeting. The owner/occupant/manager may then make his or her petition to the Board of Directors. The Board's determination shall be final.

e. Administrative Exceptions Under Ordinance No. 100

The General Manager of the District or District's designee may provide administrative exceptions to the landscape and irrigation plan requirements of Ordinance No. 100 on a case by case basis.

The General Manager of the District or designee will notify the City Manager of any administrative exemption granted pursuant to Ordinance No. 100 prior to the date the exception becomes effective.

The City Manager or designee after consultation with and approval from the General Manager of Indian Wells Valley Water District may grant an administrative exception.

### 6.3 Ordinance No. 103

a. Summary

On September 11, 2017, the District adopted *Ordinance No. 103 Ordinance of the Board of Directors of the Indian Wells Valley Water District, Kern and San Bernardino Counties, California, Rescinding Ordinance Number 100 in its Entirety and Adopting Emergency Water Conservation Mandatory Restrictions*, a copy of which is included in **Appendix 4** herein. Ordinance No. 103 includes provisions for compliance with the mandatory restrictions imposed by the SWRCB's emergency water conservation regulations. Ordinance No. 103 supersedes Ordinance No. 100 until such time that Ordinance No. 103



is rescinded by the District's Board. **Ordinance No. 100 is currently superseded by Ordinance No. 103, until such time that Ordinance No. 103 is rescinded by the District's Board of Directors.**

The water use restrictions set forth in Ordinance No. 103 are identical to those described in Ordinance No. 100, except with regard to landscape irrigation restrictions during the months of November through February. Ordinance No. 103 allows for landscape irrigation on three days per week (alternating days for even- and odd-numbered addresses), while Ordinance No. 100 allowed for landscape irrigation only one day per week (on different days for even- and odd-numbered addresses).

Ordinance No. 103 states the following with regard to irrigation during the months of November through February:

"During the months of November, December, January, and February, all customers of the District (residential/commercial/public/industrial) with even-numbered addresses may only operate irrigation systems on Tuesday, Thursday and Saturday and odd numbered addresses may only operate irrigation systems on Wednesday, Friday and Sunday. Irrigation systems may not be operated on Mondays. Landscape Areas may be irrigated by hand watering and/or the use of a drip irrigation system at any time. There will be no daytime watering restriction during these months."

For comparison, Ordinance No. 100, currently rescinded, states the following with regard to irrigation during the months of November through February: "**During the months of November, December, January, and February**, all customers of the District (including residential, commercial, public, and industrial) with even-numbered addresses may only operate irrigation systems on Saturday and odd-numbered addresses may only operate irrigation systems on Sunday. Irrigation systems may not be operated on Mondays, Tuesdays, Wednesdays, Thursdays, or Fridays. There will be no daytime watering restrictions during these months."



## 6.4 Fines and Penalties for Exceeding Allotments

Water Code

- 366(b)(C)**
- (i) A violation of an excessive use ordinance, rule, or tariff condition established pursuant to subparagraph (A) shall result in an infraction or administrative civil penalty. The penalty for a violation may be based on conditions identified by the urban retail water supplier and may include, but is not limited to, a fine of up to five hundred dollars (\$500) for each hundred cubic feet of water, or 748 gallons, used above the excessive water use threshold established by the urban retail water supplier in a billing cycle.
  - (ii) Any fine imposed pursuant to this subparagraph shall be added to the customer's water bill and is due and payable with that water bill.
  - (iii) Each urban retail water supplier shall have a process for nonpayment of the fine, which shall be consistent with due process and reasonably similar to the water supplier's existing process for nonpayment of a water bill.

The District has established fines and penalties for water use in excess of Tier 2 of the District's rate structure. If a Level 4, 5, or 6 shortage condition exists, the Governor declares a Drought State of Emergency, or a Local Water Supply Shortage has been declared by the District, the fines and penalties described below will be implemented.

### **Level 4, 5, or 6 Shortage Condition or Local Water Supply Shortage**

During a Level 4, Level 5, or Level 6 shortage condition or a Local Water Supply Shortage, the following will apply:

1. Water use in excess of Tier 2 of the District's rate structure in a single billing cycle shall be considered Excessive Water Use.
2. A customer exceeding Tier 2 usage in a single billing cycle shall be assessed a fine of \$100 for the initial HCF of usage in Tier 3. An additional fine of \$10 for each HCF of usage over the initial Tier 3 HCF of usage shall be assessed in addition to the base rate.
3. For each consecutive billing cycle that a customer's usage exceeds Tier 2 usage, the previous fine shall be increased by \$100 for the initial HCF of usage in Tier 3. The additional \$10 fine for each HCF of usage over the initial Tier 3 HCF of usage shall



similarly increase \$10 in addition to the base rate. For example, a second consecutive billing cycle will result in an Excessive Water Use fine of \$200 for the initial HCF of Tier 3 usage. For each additional HCF of Tier 3 and 4 usage, a penalty of \$20 shall be assessed in addition to the base rate. A third consecutive billing cycle will result in an Excessive Water Use fine of \$300 for the initial HCF of Tier 3 usage. For each additional HCF of Tier 3 and 4 usage, a penalty of \$30 shall be assessed in addition to the base rate. The fines shall increase in increments of \$100 and \$10, respectively, up to a maximum of \$500 for the initial HCF of Tier 3 usage and \$50 for each additional HCF over the initial HCF of Tier 3 usage in addition to the base rate.

4. Any fine resulting from violation of this WSCP will be added to the customer's water bill and is due and payable with that water bill.
5. Non-payment of a fine shall be addressed with due process in mind.

### **Drought State of Emergency**

During a period for which the Governor has issued a proclamation of a Drought State of Emergency, that includes mandatory water usage restrictions, the following will apply:

1. Water use in excess of Tier 2 of the District's rate structure in a single billing cycle shall be considered Excessive Water Use.
2. Water use in excess of Tier 2 of the District's rate structure in a single billing cycle will be assessed a fine of 1% of the total Tier 3 and Tier 4 use during that billing cycle until the Drought State of Emergency is declared over by proclamation of the Governor or like action.
3. Any fine resulting from violation of this WSCP will be added to the customer's water bill and is due and payable with that water bill.
4. Non-payment of a fine shall be addressed with due process in mind.



## 6.5. Appeals Process

### Water Code

- 366(b)(D)**
- (i) Consistent with due process, an urban retail water supplier shall establish a process and conditions for the appeal of a fine imposed pursuant to subparagraph (C) whereby the customer may contest the imposition of the fine for excessive water use.
  - (ii) As part of the appeal process, the customer shall be provided with an opportunity to provide evidence that there was no excessive water use or of a bona fide reason for the excessive water use, including evidence of a water leak, a medical reason, or any other reasonable justification for the water use, as determined by the urban retail water supplier.
  - (iii) As part of the appeal process, the urban retail water supplier shall provide documentation demonstrating the excessive water use.

A customer determined to have Excessive Water Use may appeal the imposition of the fine for same either by submitting a written appeal or by requesting a hearing with the Administrative and Executive Committee of the Board of Directors, within thirty (30) days of receipt of the billing statement on which the fine was first imposed. The hearing shall be scheduled within thirty (30) calendar days of the request. The hearing shall be attended by the District's General Manager and/or a designated representative of the General Manager.

The customer shall be provided with an opportunity to provide evidence that there was no excessive use of water or of a bona fide reason for the excessive use, as determined by the District. The District will provide the customer with documentation demonstrating the excessive water use.

The District's General Manager or a designated representative of the General Manager shall mail the customer a written decision within ten (10) calendar days of the hearing. If the customer is dissatisfied with the outcome of the hearing, the customer may request the matter be placed on the agenda of the District's regularly scheduled Board meeting, by submitting such request in writing within fifteen (15) days of the date of the decision. The customer may then present his or her position to the Board of Directors. The Board of Director's Determination shall be final.



**SECTION 7  
LEGAL AUTHORITY**

Water Code

**10632(a)(7)** (A) A description of the legal authorities that empower the urban water supplier to implement and enforce its shortage responses actions specified in paragraph (4) that may include, but are not limited to statutory authorities, ordinances, resolutions, and contract provisions.

(B) A statement that an urban water supplier shall declare a water shortage emergency in accordance with Chapter 3 (commencing with Section 350) of Division 1.

(C) A statement that an urban water supplier shall coordinate with any city or county within which it provides water supply services for the possible proclamation of a local emergency, as defined in Section 8558 of the Government Code.

**350** The governing body of a distributor of a public water supply, whether publicly or privately owned and including a mutual water company, shall declare a water shortage emergency condition to prevail within the area served by such distributor whenever it finds and determines that the ordinary demands and requirements of water consumers cannot be satisfied without depleting the water supply of the distributor to the extent that there would be insufficient water for human consumption, sanitation, and fire protection.

**7.1 Statutory Authority**

Indian Wells Valley Water District (the District) is a County Water District, formed and operating under and pursuant to California Water District Law (CWC Sections 30000 *et seq*), and pursuant to said law, the District is authorized to perform all acts necessary to fully carry out its functions (CWC Section 31001).

Additionally, pursuant to CWC Section 31026, the District is authorized to restrict the use of district water during any emergency caused by drought, or other threatened or existing water shortage, and to prohibit the wastage of district water or the use of district water during such periods, for any purpose other than household uses or such other restricted uses as may be determined to be necessary by the District and may prohibit use of such water during such periods for specific uses which the District may from time to time find to be nonessential.

In accordance with CWC Section 350, the District will declare a water shortage emergency condition to prevail within the District's service area when its Board of Directors determines that



the ordinary demands and requirements if its customers cannot be satisfied without depleting the District's water supply to the extent that there would be insufficient water for human consumption, sanitation, and fire protection.

Further, the District will coordinate with the City of Ridgecrest, County of Kern, and County of San Bernardino for a possible proclamation of a local emergency under the California Emergency Services Act (California Government Code Section 8558).

## 7.2 Ordinances

Consistent with its statutory authority, the District has adopted the following ordinances pertaining to water conservation and the District's response to water shortage conditions:

- **Ordinance No. 93:** Ordinance of the Board of Directors of the Indian Wells Valley Water District, Kern and San Bernardino Counties, California, rescinding Ordinance No. 72 in its entirety; and adopting voluntary and mandatory conservation measures and recommending and/or requiring certain water conserving measures, adopted May 10, 2010.
- **Ordinance No. 98:** Ordinance of the Board of Directors of the Indian Wells Valley Water District, Kern and San Bernardino Counties, California, rescinding Ordinance No. 90 in its entirety; and requiring water efficient landscape as a condition of receiving new single family dwelling water service, adopted December 14, 2015.
- **Ordinance No. 99:** Ordinance of the Board of Directors of The Indian Wells Valley Water District, Kern and San Bernardino Counties, California, rescinding Ordinance No. 91 in its entirety; and requiring water efficient landscape as a condition of receiving new multi-family dwellings, commercial and/or institutional water service, adopted December 14, 2015.
- **Ordinance No. 100:** Ordinance of the Board of Directors of the Indian Wells Valley Water District, Kern and San Bernardino Counties, California, rescinding Ordinance No. 97 in its entirety and adopting emergency water conservation mandatory restrictions, adopted January 11, 2016.



- **Ordinance No. 103:** Ordinance of the Board of Directors of the Indian Wells Valley Water District, Kern and San Bernardino Counties, California, rescinding Ordinance No. 100 in its entirety and adopting emergency water conservation mandatory restrictions, adopted September 11, 2017.

Copies of Ordinance Nos. 93, 98, 99, 100, and 103 are included in **Appendix 4** herein.



## SECTION 8 FINANCIAL CONSEQUENCES OF WSCP ACTIVATION

**Water Code**

- 10632(a)** Every urban water supplier shall prepare and adopt a water shortage contingency plan as part of its urban water management plan that consists of each of the following elements:
- (8)** A description of the financial consequences of, and responses for, drought conditions, including, but not limited to, all of the following:
- (A)** A description of potential revenue reductions and expense increases associated with activated shortage response actions described in paragraph (4).
  - (B)** A description of mitigation actions needed to address revenue reductions and expense increases associated with activated shortage response actions described in paragraph (4).
  - (C)** A description of the cost of compliance with Chapter 3.3 (commencing with Section 365) of Division 1.

### 8.1 Potential Revenue Reductions and Mitigation Actions

Surplus revenues from water sales are placed in the District's reserve, which is used to fund emergency repairs, water system capital improvements, conservation, alternative water supply and other needs. The District maintains a financial reserve that is adequate to address the costs of multiple plant repairs. The District does not project a substantial impact on water revenues due to a Water Supply Shortage and is adequately funded to respond to emergencies. **Tables 8-1 through 8-4** below summarize actions and conditions that impact revenues and expenditures, as well as proposed measures to overcome the impacts of such actions and conditions.

<b>TABLE 8-1 ACTIONS AND CONDITIONS THAT IMPACT REVENUES</b>	
<b>Type</b>	<b>Anticipated Revenue Reduction</b>
Natural Disaster	Dependent on severity
Plant Failure	Minimum revenue reduction
Contamination	Dependent on severity



TABLE 8-2 ACTIONS AND CONDITIONS THAT IMPACT EXPENDITURES	
Category	Anticipated Cost
Natural Disaster	Increased staff costs; facility repair costs
Plant Failure	Facility repair costs
Water Supply Contamination	Increased costs of supply and treatment

TABLE 8-3 PROPOSED MEASURES TO OVERCOME REVENUE IMPACTS	
Names of Measures	Summary of Effects
Rate adjustment or assessment	Increased revenue
Development of reserves	IWVWD has a reserve fund
FEMA/Cal OES <sup>(1)</sup>	Funding assistance during a disaster

<sup>(1)</sup> United States Department of Homeland Security Federal Emergency Management Agency/California Office of Emergency Services

TABLE 8-4 PROPOSED MEASURES TO OVERCOME EXPENDITURE IMPACTS	
Names of Measures	Summary of Effects
Rate adjustment or assessment	Increased revenue
Maintain reserve fund	IWVWD currently maintains a reserve fund
FEMA/Cal OES <sup>(1)</sup>	Funding assistance during a disaster

<sup>(1)</sup> United States Department of Homeland Security Federal Emergency Management Agency/California Office of Emergency Services

In the event of a short-term Water Supply Shortage lasting six months or less, the District has established an emergency reserve equal to six months of operating expenses less depreciation. The use of this reserve is intended to guard the District from the temporary effects of reduced revenues and increased expenses. Should the Water Supply Shortage be expected to extend past six months, a change to the regular rate structure, or similar measure, would be considered to responsibly budget for the District's continued operations during the Water Supply Shortage.

## 8.2 Cost of Compliance with Chapter 3.3

CWC Section 10632(a)(8)(C) requires that the WSCP include a description of the cost of compliance with Chapter 3.3 (commencing with Section 365) of Division 1 of the CWC. Chapter 3.3 consists of CWC Sections 365-367.



To comply with CWC Sections 365-367, the District prepared and adopted its 2017 WSCP, and developed and adopted Ordinance Nos. 100 and 103, which cost the District a combined total of approximately \$37,330.



## SECTION 9 MONITORING AND REPORTING

**Water Code**

**10632(a)(9)** For an urban retail water supplier, monitoring and reporting requirements and procedures that ensure appropriate data is collected, tracked, and analyzed for purposes of monitoring customer compliance and to meet state reporting requirements.

Through its Supervisory Control and Data Acquisition System (SCADA) the District routinely tracks the groundwater extracted from each well on a monthly basis, metered water usage utilizing Automated Metering Infrastructure (AMI) for each customer type (single-family residential, multi-family residential, commercial/industrial/institutional, and landscape irrigation). The District also conducts an annual water loss audit to estimate annual water losses. This data is routinely provided to the District's General Manager and Board of Directors.

All of the District's service connections are metered, and metered data is used to monitor quantities of water used. The monitoring data will be used to determine actual reductions in water use pursuant to this WSCP. Monthly reports will be provided to the District's Board of Directors, to the Customer Accounts Department, and to the District's Water Shortage Response Team. If reduction goals are not met, the Water Shortage Response Team will examine individual customer usages, and corrective action will be taken.

Monitoring and reporting of water use within the District varies depending on the current water supply conditions. Water supply shortage levels are described in **Table 4-1** herein. Monitoring and reporting for each shortage level is described in the following paragraphs.

### **9.1. Monitoring During Normal or Level 1 Water Shortage Conditions**

In normal and Level 1 water supply conditions, production figures are recorded daily in the District's computerized database. Total production and consumption by all categories of customers are reported monthly to District management and incorporated into a monthly water supply report. The monthly water supply report is presented to the Board of Directors at regularly scheduled Board meetings. Tank levels and pumping plants are monitored on a continuous basis by telemetry at the District's headquarters, with alarms for abnormal conditions.



## **9.2 Monitoring During a Level 2 or 3 Water Shortage Condition**

During a Level 2 or 3 water shortage condition, daily production figures will be reported to the Operations Manager, who will compare the weekly production to the target weekly production to verify that the reduction goal is being met. Weekly reports will be forwarded to the District's General Manager.

## **9.3 Monitoring During a Level 4, 5, or 6 Water Shortage Condition**

During a Level 4, 5, or 6 water shortage condition, the same procedure for a Level 2 or 3 water shortage will be followed, with the addition of a daily production report to the District's General Manager.

## **9.4 Catastrophic Interruption of Water Supplies**

During a catastrophic interruption of water supplies, production figures will be reported to the Operations Manager hourly, and to the General Manager and the Water Shortage Response Team daily. Reports will also be provided to the City of Ridgecrest Emergency Services Committee.



## SECTION 10 WSCP REFINEMENT PROCEDURES

### Water Code

**10632(a)(10)** Reevaluation and improvement procedures for systematically monitoring and evaluating the functionality of the water shortage contingency plan in order to ensure shortage risk tolerance is adequate and appropriate water shortage mitigation strategies are implemented as needed.

Following implementation of the WSCP, District staff will consider the experience and make any recommendations for how to improve the WSCP. It is the intent of the District that the WSCP will be periodically reevaluated to ensure that its shortage risk tolerance is adequate and that its shortage response actions are effective.

Comments and recommendations from District staff, customers, and other interested parties will be considered in reevaluating and improving the WSCP. If certain procedural refinements or new actions are identified by District staff or suggested by customers or other interested parties, the District will evaluate their effectiveness and will incorporate them into the WSCP, as appropriate.

At a minimum, the District will reevaluate its WSCP every five years during preparation of its Urban Water Management Plan.



**SECTION 11  
SPECIAL WATER FEATURE DISTINCTION**

**Water Code**

**10632(b)** For purposes of developing the water shortage contingency plan pursuant to subdivision (a), an urban water supplier shall analyze and define water features that are artificially supplied with water, including ponds, lakes, waterfalls, and fountains, separately from swimming pools and spas, as defined in subdivision (a) of Section 115921 of the Health and Safety Code.

**Health and Safety Code**

**115921(a)** "Swimming pool" or "pool" means any structure intended for swimming or recreational bathing that contains water over 18 inches deep. "Swimming pool" includes in-ground and aboveground structures and includes, but is not limited to, hot tubs, spas, portable spas, and nonportable wading pools.

Swimming pools and spas are defined and analyzed by the District separately from other water features that are artificially supplied with water, including ponds, lakes, waterfalls, and fountains. Said features are defined in the definitions "Swimming Pool" and "Decorative Water Feature" below and as set forth in **Section 1.3** herein.

**"Swimming Pool"** means any structure intended for swimming or recreational bathing that contains water over 18 inches deep. "Swimming Pool" includes in-ground and aboveground structures and includes, but is not limited to, hot tubs, spas, portable spas, and nonportable wading pools.

**"Decorative Water Feature"** means a man-made fountain, pond, waterfall, or other water-using feature that is provided solely for aesthetic or beautification purposes.

Pursuant to District Ordinance No. 103, "Operating a fountain or other decorative water feature is prohibited, unless the water is part of a recirculating system." A copy of Ordinance 103 is included in **Appendix 4** herein.



## SECTION 12 PLAN ADOPTION, SUBMITTAL, AND AVAILABILITY

### Water Code

**10632(c)** The urban water supplier shall make available the water shortage contingency plan prepared pursuant to this article to its customers and any city or county within which it provides water supplies no later than 30 days after adoption of the water shortage contingency plan.

This WSCP has been prepared in accordance with all applicable sections of the CWC as summarized in **Section 1.2** herein. In accordance with CWC Section 10632(a), this WSCP is included in the District's 2020 UWMP. The WSCP was adopted by the District's Board of Directors on August 9, 2021 by Ordinance No. 105.

Prior to adoption of the WSCP, the District provided notice of the availability of the draft 2020 WSCP and notice of the public hearing to consider adoption of the WSCP. The public review draft was posted on the District's website, and copies of the draft were also made available for inspection at the District's office.

The WSCP, along with the 2020 UWMP, has been provided to City of Ridgecrest, County of Kern, County of San Bernardino, and is also available to the public on the District's website at [www.jvwd.com/public-documents/public-reports/](http://www.jvwd.com/public-documents/public-reports/) and at the District's office located at 500 W. Ridgecrest Boulevard, Ridgecrest, California 93556-1329.

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**APPENDIX 1**

**ORDINANCE NO. 105  
ADOPTING THE 2020 WATER SHORTAGE CONTINGENCY PLAN**

*To be added after adoption*

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**RELEVANT SECTIONS OF THE CALIFORNIA WATER CODE**

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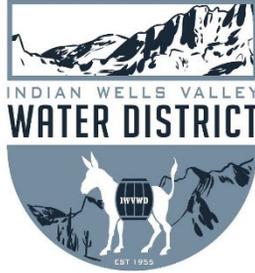
**WATER SALES & SERVICE POLICY MANUAL  
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**COUNTY OF KERN MULTI-JURISDICTION 2020 HAZARD MITIGATION PLAN**



**10.C.**

Comment on the Ordinance 107, Water Sales and Service Policy Manual,  
Stan Rajtora, June 2023 (Updated July 2023)

1. The word 'District' is used dozens of times in the document. If the reference is to District Staff, it should state 'District Staff'. The word "District" indicates the Board, i.e. the elected directors.
  - 1a. Include a sentence stating any District Staff recommendation can be appealed to the Board.
  - 1b. Include a sentence stating a request for a variance/exception to a District policy can be made with the concurrence of the General Manager, the Board President, or any two Board members.

**THIS WAS INCLUDED IN THE FEBRUARY COMMENTS AND STAFF ALREADY RESPONDED.**

Not necessary to modify "District". It is mentioned throughout the document and when appropriate "Board" is mentioned specifically. The "District" is more than simply the Board of Directors. Is use of the term "District" in item 7a (see page 2) reference only to the elected officials? The appeal process is mentioned in the manual here:

#### CUSTOMER COMPLAINTS

Should Customer Accounts staff be unable to satisfy a customer's billing complaint, the customer may file a complaint with the Chief Financial Officer. Should the Chief Financial Officer be unable to satisfy the customer's complaint, the customer may file a complaint with the General Manager. Should the General Manager be unable to satisfy the customer's complaint, the customer may file a complaint with the Board of Directors by submitting the complaint in writing. The decision of the Board of Directors shall be final.

The term 'District' does not have to be modified throughout the document. The only occurrences of the word 'district' that need to be modified are where the reference is to 'district staff'. There are three groups, the Board, the Staff, and the Public. The groups should not be commingled in any way.

The suggested policy modifications, 1a and 1b, are all inclusive rights of the public. The paragraph cited above by the staff is a very specific example, which does not cover the scope of the proposed changes.

2. Numbering topics and paragraphs would add to understanding, avoid misinterpretation, and ensure logical organization. The current table of contents is not adequate.

**THIS WAS INCLUDED IN THE FEBRUARY COMMENTS AND STAFF ALREADY RESPONDED.**

A subjective comment. The index serves that purpose.

The staff is correct relative to the comment being subjective. The organization and format of a document affect its understandability. The understandability of the document is a major quality factor. The quality of the document is the responsibility of the Board.

3. Add a section defining the federal, state, and local authorities that govern our operations along with appropriate ordinances and regulations.

Ordinance 107 explains the procedures for acquiring water service, the rate structure, various charges, and policies that pertain to water service-related issues. It is primarily a reference for staff, but also accessible to customers on the District's website. Not sure what value is added by including this information which can be found on our website.

Many ordinances provide the most relevant higher-level ordinances forming the foundation of the ordinance. It is a standard practice. The document is not primarily for the staff. The document provides Board policy for the Staff and the Public. It is an ordinance, not a staff handbook.

4. The "Single Family Residence" needs to be a well-defined customer class. The definition should be aligned with the American Water Works Association Manual and promote compliance with new State conservation laws. All single-family residences should pay the same commodity fee for the same quantity of delivered water. The current document has loopholes to enable some SRF users to pay less than others. This is not fair or equitable to the majority of the customers. Following the guidelines in the American Water Works Association Manual M-1 regarding forming customer classes would eliminate this problem.

What specific "loopholes" are referenced? If referring to an exception to the standard ¾" meter for single family residential service, a variance would require staff approval which would require sufficient justification and would rarely be approved.

The American Water Works Association Manual does not allow for special treatment of SFR relative to payment of water commodity fees. There are currently two loop holes due to the lack of a AWWA definition of the SFR. One is the reduced commodity fee associated with a 1-inch meter. The second is the reduced commodity fee associated with the addition of a landscape meter. The AWWA manual does not endorse or suggest permitting the manipulation of fees via the fee structure.

From two paragraphs above, 'a variance would require staff approval' is unacceptable. The Board approves variances.

5. Add a paragraph defining the purpose of landscape meters. Ensure a landscape meter cannot reduce water commodity fees. Clearly define the difference between landscape meter and landscape-only meters.

**THIS WAS INCLUDED IN THE FEBRUARY COMMENTS AND STAFF ALREADY RESPONDED.**

Landscape only meters are treated exactly the same as any other meter. "Landscape meter" and "landscape-only meter" are the same. There is no difference. If both terms are used in the Manual, that should be and can be corrected.

The purpose of the landscape meter should be to track the amount of water used for irrigation. The landscape meter should never be allowed to manipulate the fees of any account, be it SFR, multi-family residence or CII. Such manipulation is an abuse of the system.

6. Develop a real and comprehensive 'Will Serve' policy. The current verbiage on page 25 appears to have been written at a time we believed we had an endless supply of cheap water available. Our world changed with the entry of SGMA, and we need to adapt. We need to define real impacts based upon real criteria and provide real go/no-go criteria. We need to work with the City of Ridgecrest to develop a meaningful will serve policy. Pending the outcome of the adjudication, we need to stop risking the future of existing customers. It may be necessary to have an interim policy prior to City agreement on wastewater allocation and adjudication finalization.

For further discussion. This is not something we can develop now since there is no limit on connections issued by the Board.

It appears the staff understands we do not currently have a 'Will-Serve' policy. It is the responsibility of the Finance Committee to identify potential changes to the Water Sales and Service Policy Manual and then provide those to the full Board. I suggest the Staff develop some options for objectives and options for evaluation criteria to be discussed by the Finance Committee. Those suggestions can then be sent to the Board after committee consideration.

7. The bottom paragraph on page 23 is not clear. There should be a process by which one applies for an exemption or variance. The process needs to be well defined. What are the criteria? Board authorization should be required. All exemptions/variances need to be justified. A listing of prior variances and their justifications should be documented.

Any exemption/variance is exactly that, something not covered within the policies and by its very nature would require Board approval. It is up to the individual applying for the variance to provide justification. Staff prepares a report for the Board citing the applicable policy and possible alternatives based on the specific circumstances. Prior variances should not be a part of the Manual. First, this information does not belong in the Manual and, second, it would require updating and issuing a new ordinance just to keep the list updated.

As stated above, there should be a process by which one applies for an exemption or variance. The process needs to be well defined. That statement applies to both the applicant portion of the process and the staff portion of the process.

7a. Include the logic why fire and landscape meters qualify for an exemption for either capital facility fee or the distribution fee? If they generate a cost to the District, the District should have a fee. Nothing is free – someone always pays.

Comment refers to the following language.

Page 23 – "Except in unusual circumstances, as determined by the District, Private Fire Service shall be exempt from the payment of Connection Fees (Capital Facility Fees and Distribution System Fees). Landscape-only meters shall be exempt from Connection Fees (Capital Facility Fees and

Distribution Fees), at the sole discretion of the District, provided the landscape-only meter serves no facility whatsoever and is no larger than the meter used to monitor domestic water for which appropriate connection fees have been paid, or for which no structure whatsoever is involved, such as a meter for street island landscaping. All landscape-only meters are subject to engineering analysis by the District."

The reason these types of meters do not pay connection fees is that the fees have already been paid for domestic/commercial service. The landscape and fire are in addition to the regular service.

All meters put stress on the infrastructure and incur a capital expense. The fees paid for by the domestic/CII service are assumed to be based upon the initial domestic or CII service. Additional meters put added stress on the infrastructure. Someone has to pay that cost. Requiring the customer file for an exemption would guarantee the customer pays his/her fair share. Any automatic exemption is subject to abuse. This is especially true in the case of an added domestic landscape meter.

7b. The exemption/variance to not require new water lines cross the entire frontage of property needs to be documented appropriately.

"If an applicant or developer desires to serve a parcel or lot that has had no previous authorized service from the District, and said parcel or lot is not adjacent to an existing water main of a size, condition, and service pressure deemed necessary by the District to serve the proposed development or property, the applicant or developer shall be required to construct all necessary water system facilities, including a water main line extension to and across the entire frontage of the parcel(s) to be served, at the applicant or developer's sole expense, in accordance with District specifications, rules, and regulations."

A variance or exemption to this policy is just that and each one may be unique. Therefore not something to be documented in the Manual.

The purpose of this document is to provide information and requirements. Many contractors are knowledgeable of this exemption. I suspect some contractors are not. I imagine the majority of local realtors are not familiar with the exemption. If this and other common exemptions are not documented in this document, how does the public find such information? Where is it documented? That reference needs to be provided.

8. Page 24 alludes to an assessment district without actually describing what it is. This document should fully define what it is, and under what circumstances it can be created. Also, how many we currently have? Where are they located?

Reference to this statement:

"A predecessor-in-interest shall be deemed to exist where the property to be served is within Assessment District No. 14 (a City assessment district), 82-1, 87-1, 91-1, or within the Bradley Tract No. 2460."

The level of detail (definition, number, and location) is not necessary in this document. The reference is only for two specific assessment districts that staff needs to be familiar with. Should Board members have these questions, they should inquire of staff.

The subject document is not a staff handbook. The document is an ordinance. The policies adopted by the Board in the ordinance need to be clear to both the staff and the public. The public is expected to understand and comply with the ordinance.

In what document is the detailed information located? Include that document as a reference. Ultimately, the Board determines the document content.

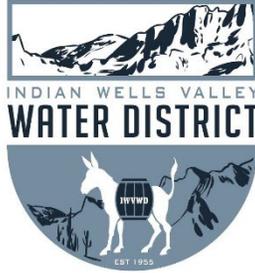
9. Under the meter exchange discussion, there is no mention of increasing the distribution fee as a result of a meter size increase. Why is that? The manual needs to be complete.

The differential Capital Facility Fee is charged: "Inasmuch as Capital Facility Fees are based solely upon meter size, any customer/developer who requests a larger meter, whether domestic or landscape, will be responsible for payment of the Capital Facility Fee (aka Basic Facility Fee) differential between the current meter size originally paid and the larger meter Capital Facility Fee in existence at the time of the exchange, in addition to payment of time and material costs plus an

overhead and administrative charge of 15% associated with the actual meter and service installation charge.”

It does seem reasonable the same differential would apply to the Distribution System Fee?

What is the reason for the question mark in the above sentence?



**10.D.1.**

# OFFICIAL REGION 7 Board Ballot

2024-2025 TERM



**Please return completed ballot  
by Sept. 15, 2023**

**E-mail:** [regionelections@acwa.com](mailto:regionelections@acwa.com)

**Mail:** ACWA  
980 9th Street, Suite 1000  
Sacramento, CA 95814

## General Voting Instructions:

- 1 You may either vote for the slate recommended by the Region 7 Nominating Committee or vote for individual region board members (please note rules & regulations for specific qualifications). Mark the appropriate box to indicate your decision.
- 2 Complete your agency information. The authorized representative is determined by your agency in accordance with your agency's policies and procedures.

## Region 7 Rules & Regulations:

The chair and vice chair shall be from different counties.

Submitted board candidate bios and headshots are available on [www.acwa.com/elections/2023-region-elections/](http://www.acwa.com/elections/2023-region-elections/).

1

## Nominating Committee's Recommended Slate

- I concur with the Region 7 Nominating Committee's recommended slate below.

### CHAIR:

- **Sheridan Nicholas**, Engineer-Manger, Wheeler Ridge-Maricopa Water Storage District (Kern)

### VICE CHAIR:

- **Tom Barcellos**, President, Lower Tule River Irrigation District (Tulare)

### BOARD MEMBERS:

- **Johnny Amaral**, Chief of External Affairs, Friant Water Authority (Tulare)
- **Byron Glennan**, President, Rosamond Community Services District (Kern)
- **Kris Lawrence**, General Manager, Shafter-Wasco Irrigation District (Kern)
- **Thomas Neisler**, General Manager, Tehachapi Cummings County Water District (Kern)
- **Trenton Taylor**, Water Resources Manager, Rosedale-Rio Bravo Water Storage District (Kern)

OR

## Individual Board Candidate Nominations

(See Rules & Regulations before selecting)

- I do not concur with the Region 7 Nominating Committee's recommended slate. I will vote for individual candidates below as indicated.

### CANDIDATES FOR CHAIR: (CHOOSE ONE)

- Sheridan Nicholas**, Engineer-Manager, Wheeler Ridge-Maricopa Water Storage District (Kern)

### CANDIDATES FOR VICE CHAIR: (CHOOSE ONE)

- Tom Barcellos**, President, Lower Tule River Irrigation District (Tulare)
- Sheridan Nicholas**, Engineer-Manager, Wheeler Ridge-Maricopa Water Storage District (Kern)

### CANDIDATES FOR BOARD MEMBERS: (MAX OF 5 CHOICES)

- Johnny Amaral**, Chief of External Affairs, Friant Water Authority (Tulare)
- Tom Barcellos**, President, Lower Tule River Irrigation District (Tulare)
- Byron Glennan**, President, Rosamond Community Services District (Kern)
- Kris Lawrence**, General Manager, Shafter-Wasco Irrigation District (Kern)
- Thomas Neisler**, General Manager, Tehachapi Cummings County Water District (Kern)
- Sheridan Nicholas**, Engineer-Manager, Wheeler Ridge-Maricopa Water Storage District (Kern)
- Trenton Taylor**, Water Resources Manager, Rosedale-Rio Bravo Water Storage District (Kern)

2

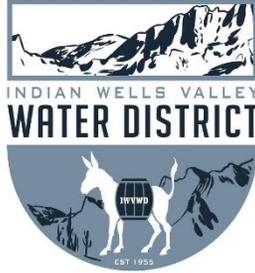
AGENCY NAME

AUTHORIZED REPRESENTATIVE

DATE

**Trent Taylor**

Over the past 16 years, I have had the pleasure of working within the water industry in Kern County. For the past two years, I have served as the Water Resources Manager at Rosedale-Rio Bravo Water Storage District (Rosedale). In this role, I have developed and coordinated water supply and water management programs amongst local, state, and federal entities and have been actively involved with the implementation of regulatory policies, such as the Sustainable Groundwater Management Act. Prior to joining Rosedale-Rio Bravo Water Storage District, I spent 14 years as a Water Resources Planner with the Kern County Water Agency, coordinating operations and facilitating water management programs. Through my experience in the water industry, I have developed extensive knowledge of Kern County conveyance facilities, Kern River operations, groundwater banking project operations, and State Water Project operations. I have served as an Association of California Water Agencies (ACWA) Region 7 Board Member since July 2021 and have been actively involved with the Groundwater and Water Management Committees during this time. I look forward to continuing to serve as an ACWA Region 7 Board Member and using this role to continue to educate, organize, and unite Kern County's water interests to more effectively address regulatory challenges related to water supply reliability and water quality.



**10.D.2.**

## **SECTION 6 - INTRODUCTORY and PROBATIONARY PERIODS**

### **GENERAL PROVISIONS**

The introductory/probationary period is a test period during which the employee is required to demonstrate: (1) his or her capacity to perform the duties and responsibilities of his or her position, and (2) his or her ability to establish effective working relationships with fellow employees.

The introductory/probationary period is to be regarded as an integral part of the testing procedure and shall be used to closely observe and evaluate the employee's work, as well as his or her adjustment within the organization.

The General Manager may, at any time, for good cause, place any District employee on probationary status for a reasonable period of time, and may extend for reasonable periods of time, the probationary status of any employee.

### **LENGTH OF INTRODUCTORY AND PROBATIONARY PERIODS**

All appointments shall be tentative and subject to an introductory/probationary period of six months actual service, unless otherwise specified in writing by the General Manager at the time of appointment.

If the General Manager determines that an introductory employee's performance is in any way unsatisfactory, and/or the employee is unable to effectively adjust within the organization, the General Manager shall notify the employee in writing to that effect, prior to or within ten (10) working days after the expiration of the introductory period. If such notification is given, then the employee's performance will be deemed to be unsatisfactory and his or her employment thereupon terminated. If no such notice is given within the time period specified, then the introductory employee is effectively a regular employee of the District.

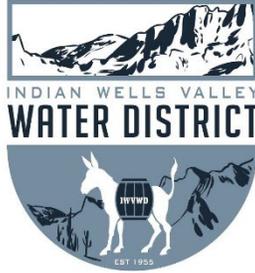
During the introductory period, an employee may be terminated by the General Manager, with or without cause, and without right of appeal, except as required by law. A probationary employee may be terminated with or without cause during the probationary period but shall have the right(s) of review as specified within this manual.

### **REJECTION FOLLOWING PROMOTION**

All employees who are promoted will occupy a probationary status for six months, unless otherwise stated in writing or unless extended by the General Manager.

An employee serving a probationary period after a promotion may be returned to his or her former position if the General Manager believes the employee is incapable of fulfilling his or her new duties or responsibilities after a reasonable period of time. Additionally, an employee serving a probationary period after a promotion may be transferred to another open position within the District service if the General Manager believes the employee is incapable of fulfilling his or her new duties and responsibilities after a reasonable period of time and if the employee possesses the qualifications necessary for the available position.

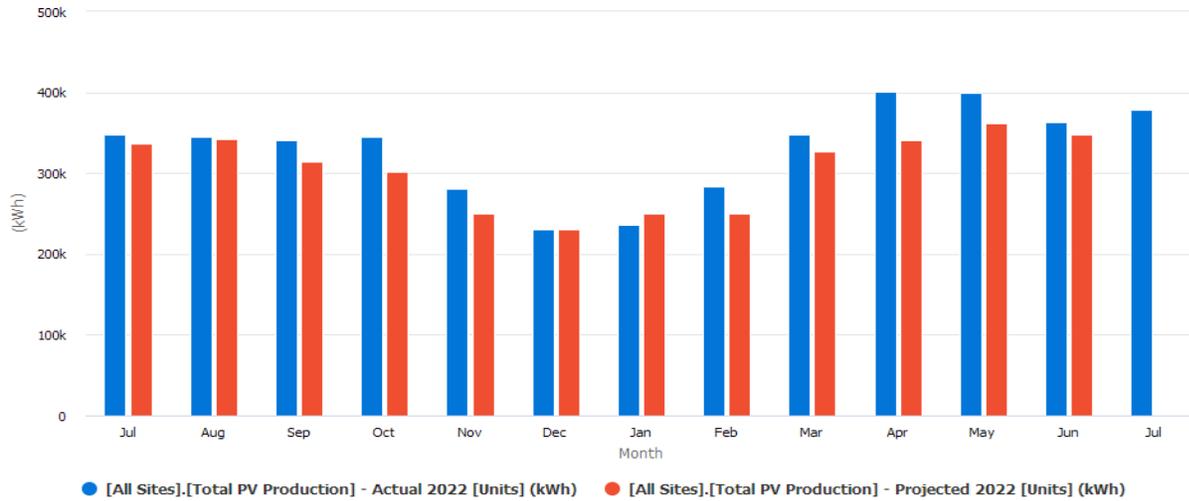
Employees are encouraged to apply for positions that can advance their skillset, provide broader experience, and put them in position to qualify for consideration of other positions consistent with the District's succession plan. As such, it is not the intent of District policy to discourage employees from applying for another position under threat of possible termination. Therefore, during the probationary period the selected candidate's former position will be filled on a temporary basis. Thereby allowing an experienced and valued employee, whom the District has invested in, the chance to explore other opportunities for advancement and return to their former position should it be determined, by either the selected candidate or the supervisor of the department, that the probationary period was unsuccessful. Should the employee return to his/her previous position, the temporary person filling the previous position may be considered for any opening at the time he/she qualifies for. If no opening exists, the temporary person will be terminated.



**10.G.8.**

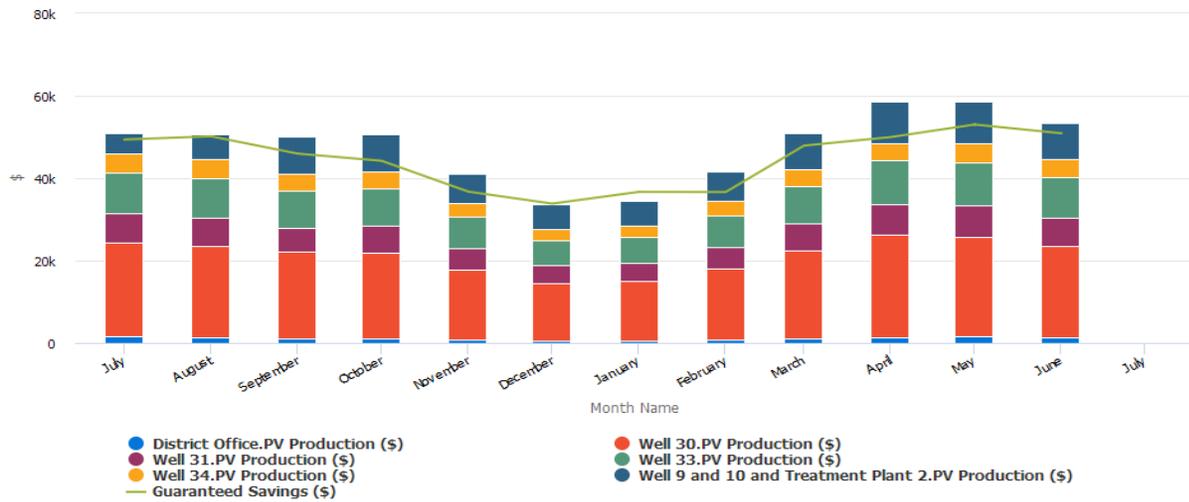
Monthly Photovoltaic Production and Energy Savings Report

Year to Date Actual Production Compared to Projected Production



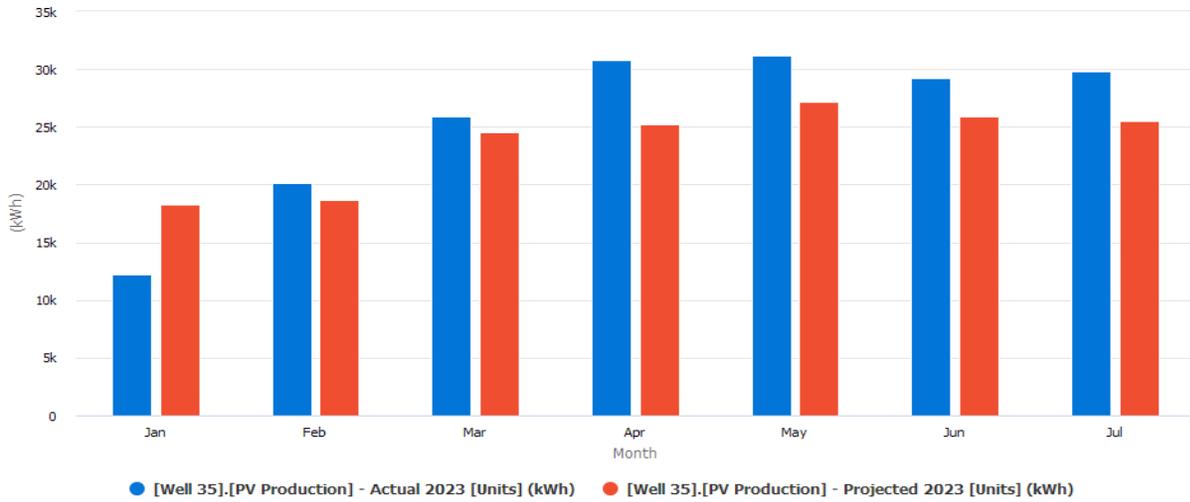
Month	Total PV Production Actual (kWh)	Total PV Production Actual Cumulative	Total PV Production Projected (kWh)	Total PV Production Projected (Cumulative)	Gross Variance	Relative Variance (%)	Cumulative Gross Variance	Cumulative Relative Variance (%)
Jul	347,895.00	347,895.00	337,011.00	337,011.00	10,884.00	3.23	10,884.00	3.23
Aug	345,453.00	693,348.00	342,322.00	679,333.00	3,131.00	0.91	14,015.00	2.06
Sep	341,397.00	1,034,745.00	313,653.00	992,986.00	27,744.00	8.85	41,759.00	4.21
Oct	345,038.00	1,379,783.00	301,748.00	1,294,734.00	43,290.00	14.35	85,049.00	6.57
Nov	280,891.00	1,660,674.00	250,675.00	1,545,409.00	30,216.00	12.05	115,265.00	7.46
Dec	229,909.00	1,890,583.00	230,796.00	1,776,205.00	-887.00	-0.38	114,378.00	6.44
Jan	236,200.00	2,126,783.00	250,284.00	2,026,489.00	-14,084.00	-5.63	100,294.00	4.95
Feb	283,901.00	2,410,684.00	250,008.00	2,276,497.00	33,893.00	13.56	134,187.00	5.89
Mar	347,503.00	2,758,187.00	326,921.00	2,603,418.00	20,582.00	6.30	154,769.00	5.94
Apr	400,417.00	3,158,604.00	341,044.00	2,944,462.00	59,373.00	17.41	214,142.00	7.27
May	399,248.00	3,557,852.00	361,851.00	3,306,313.00	37,397.00	10.33	251,539.00	7.61
Jun	362,949.00	3,920,801.00	347,336.00	3,653,649.00	15,613.00	4.50	267,152.00	7.31
Jul	378,787.00	4,299,588.00	0.00	3,653,649.00	378,787.00	100.00	645,939.00	17.68

## Performance Against Guarantee



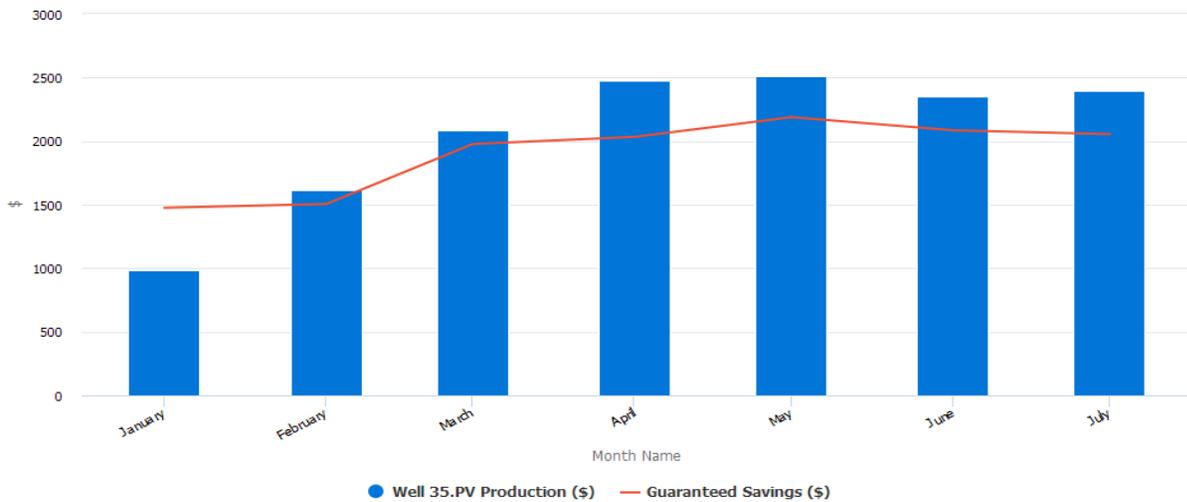
From	District Office	Well 30	Well 31	Well 33	Well 34	Wells 9A & 10	Guaranteed Savings
7/1/2022	\$1,525.46	\$22,793.83	\$7,057.20	\$10,064.88	\$4,720.96	\$4,873.94	\$49,393.18
8/1/2022	\$1,354.46	\$22,244.20	\$6,864.58	\$9,652.70	\$4,494.66	\$6,039.27	\$50,171.57
9/1/2022	\$1,170.60	\$21,020.99	\$5,812.05	\$9,073.10	\$4,147.64	\$8,842.55	\$45,969.77
10/1/2022	\$989.96	\$21,019.21	\$6,416.02	\$9,197.21	\$4,156.20	\$8,802.92	\$44,224.95
11/1/2022	\$713.82	\$17,062.10	\$5,215.00	\$7,571.66	\$3,385.90	\$7,223.22	\$36,739.56
12/1/2022	\$570.84	\$13,945.26	\$4,289.40	\$6,162.03	\$2,759.22	\$5,968.49	\$33,826.04
1/1/2023	\$610.83	\$14,439.10	\$4,397.89	\$6,284.41	\$2,826.25	\$6,049.85	\$36,682.25
2/1/2023	\$804.14	\$17,290.37	\$5,316.85	\$7,494.64	\$3,489.50	\$7,224.56	\$36,641.80
3/1/2023	\$1,142.22	\$21,390.20	\$6,604.07	\$8,968.68	\$4,146.32	\$8,675.23	\$47,914.37
4/1/2023	\$1,455.49	\$24,710.22	\$7,656.01	\$10,461.94	\$4,282.86	\$10,091.62	\$49,984.27
5/1/2023	\$1,570.26	\$24,268.89	\$7,489.08	\$10,456.90	\$4,816.98	\$9,991.34	\$53,033.79
6/1/2023	\$1,502.79	\$22,075.16	\$6,884.65	\$9,765.94	\$4,436.19	\$8,631.57	\$50,906.45
7/1/2023							
	\$13,410.87	\$242,259.53	\$74,002.80	\$105,154.09	\$47,662.68	\$92,414.56	

## Year to Date Actual Production Compared to Projected Production

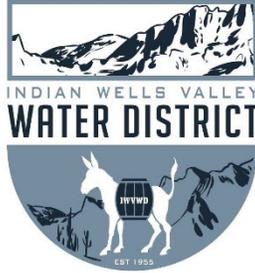


Month	Well 35 Actual (kWh)	Well 35 Actual Cumm. (kWh)	Well 35 (kWh) - Projected 2023	Well 35 Projected Cumm. (kWh)	Gross Variance	Relative Variance (%)	Cumulative Gross Variance	Cumulative Relative Variance (%)
Jan	12,205.12	12,205.12	18,323.00	18,323.00	-6,117.88	-33.39	-6,117.88	-33.39
Feb	20,105.63	32,310.75	18,693.00	37,016.00	1,412.63	7.56	-4,705.25	-12.71
Mar	25,908.03	58,218.78	24,546.00	61,562.00	1,362.03	5.55	-3,343.22	-5.43
Apr	30,798.40	89,017.18	25,246.00	86,808.00	5,552.40	21.99	2,209.18	2.54
May	31,229.78	120,246.96	27,171.00	113,979.00	4,058.78	14.94	6,267.96	5.50
Jun	29,203.35	149,450.31	25,888.00	139,867.00	3,315.35	12.81	9,583.31	6.85
Jul	29,774.62	179,224.93	25,514.00	165,381.00	4,260.62	16.70	13,843.93	8.37

## Performance Against Guarantee



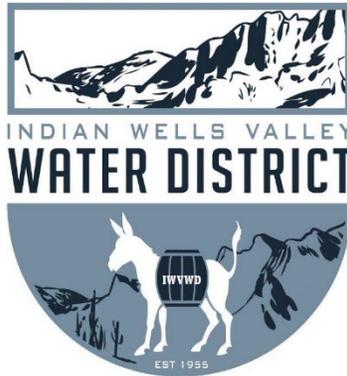
From	Well 35 Production (\$)	Guaranteed Savings (\$)
1/1/2023	\$982.51	\$1,475.78
2/1/2023	\$1,618.50	\$1,505.60
3/1/2023	\$2,085.60	\$1,977.02
4/1/2023	\$2,479.27	\$2,033.40
5/1/2023	\$2,514.00	\$2,188.44
6/1/2023	\$2,350.87	\$2,085.11
7/1/2023	\$2,396.86	\$2,054.98
	\$14,427.61	



**10.G.9.**

### SWRCB Water Waster Report

	# of water waste reports received	# of contacts made (written or verbal)	# of formal warning actions	# of penalties issued
Jan-23	14	14	5	1
Feb-23	6	6	4	1
Mar-23	8	8	2	2
Apr-23	11	11	8	3
May-23	7	7	1	0
Jun-23	10	10	2	0
Jul-23	4	4	1	0
Aug-23				
Sep-23				
Oct-23				
Nov-23				
Dec-23				
SUBTOTAL 2015	378	376	40	10
SUBTOTAL 2016	406	399	28	3
SUBTOTAL 2017	70	68	10	4
SUBTOTAL 2018	60	58	7	4
SUBTOTAL 2019	56	56	8	1
SUBTOTAL 2020	42	42	8	2
SUBTOTAL 2021	131	131	12	4
SUBTOTAL 2022	106	106	6	0
SUBTOTAL 2023	60	60	23	7
TOTAL	1309	1296	142	35
TOTAL PENALTIES BILLED				\$3,350
TOTAL PENALTIES COLLECTED				\$3,050



The Mission of the

## **Indian Wells Valley Water District**

is to deliver the highest quality water at the best possible price while continuing to serve as respectful stewards of the environment.

The Vision of the

## **Indian Wells Valley Water District**

is to provide for self-sustaining water resources now and for generations to come.

**Board of Directors**