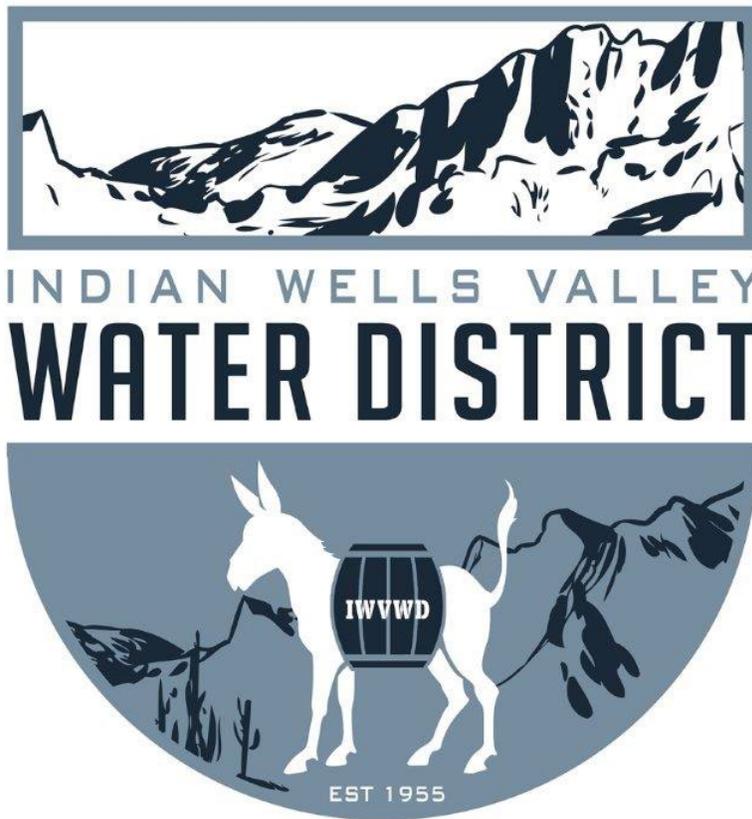


# INDIAN WELLS VALLEY WATER DISTRICT

Board of Directors Meeting



**February 13, 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, FEBRUARY 13, 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))

- 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: General Manager  
(To consider the performance of a Public Employee)  
(Pursuant to Government Code Section 54957)
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.)*
9. Presentation on Department of Water Resources (DWR) Facilitation Update  
**Description:** Report by Lisa Beutler and Emily Finnegan of Stantec on results of the DWR Facilitation Process.
10. Current Business/Committee Reports
- A. Consent Calendar  
**Description:** Approval of Board Meeting Minutes and Accounts Payable Disbursements.
    - 1. Approval of Minutes:
      - i. January 9, 2023, Regular Board Meeting
      - ii. January 24, 2023, Special Board Meeting Workshop
      - iii. February 7, 2023, Special Board Meeting
    - 2. Approval of Accounts Payable Disbursements
    - 3. Resolution No. 23-02: AB 361 Finding
  - B. Plant & Equipment Committee
    - 1. Variance Request: Kendall Ave/Lumill Street (APN 343-200-26) – Smith Family Trust

**Description:** Property owner requesting variance to the requirement to construct a pipeline across the entire frontage of their property.  
**Committee Recommends the Following:** Board approve the request for variance and require a covenant running with the land.

C. Finance Committee

1. SRF Loan Application Assistance

**Description:** Discuss SRF loan application process.

**Committee Recommends the Following:** Defer to Board for further discussion.

2. Construction Meter Rates

**Description:** Discuss Construction Meter Rate options.

**Committee Recommends the Following:** Board approve staff recommendation.

D. Administration/Executive Committee

1. Special District Risk Management Authority (SDRMA) Notification of Nominations – 2023 Election SDRMA Board of Directors

**Description:** Board consideration of nominations for 2023 Election SDRMA Board of Directors.

**Committee Recommends the Following:** Defer to the Board for further discussion and consideration.

E. Indian Wells Valley Groundwater Authority

**Description:** Report and discussion regarding the January 11, 2023, and February 8, 2023, meetings 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 scheduled for March 8, 2023.

F. Replenishment Fee Adjustment

**Description:** Board discussion and ratification of District process to apply excess replenishment fee payments to District customers.

**Staff Recommends the Following:** Board ratification of District process to apply excess replenishment fee payments to District customers.

G. Comprehensive Adjudication

**Description:** Report and discussion regarding the status of the Comprehensive Adjudication.

H. 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.

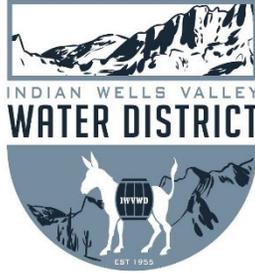
2. Public Outreach

**Description:** Public Outreach Report.

3. Assembly Bill (AB) 361  
**Description:** State-of-emergency related to COVID-19 in the state of California terminates on February 28, 2023.
4. January 24, 2023, Special Board Workshop  
**Description:** Updates on the items below assigned at the January 24, 2023, Special Board Workshop:
  - Potential Strategic Planning Efforts
5. Well 31 Rehabilitation  
**Description:** Update on Well 31 Rehabilitation project.
6. Booster Stations and Tanks Projects  
**Description:** Update on these Capital Projects.
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.

11. Board Comments/Future Agenda Items

12. Adjournment



# Committee Reports

BOARD OF DIRECTORS  
INDIAN WELLS VALLEY WATER DISTRICT

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WATER MANAGEMENT COMMITTEE  
REGULAR MEETING MINUTES

THURSDAY, JANUARY 26, 2023 – 2:00 P.M.

BOARD ROOM  
500 W. RIDGECREST BLVD., RIDGECREST

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Attendees: Ron Kicinski, David Saint-Amand, Don Zdeba, Jason Lillion, Ty Staheli, and  
Renée Morquecho

**1. Call to Order**

The meeting was called to order at 2:00 p.m.

**2. Committee/Public Comments**

None.

**3. Indian Wells Valley Groundwater Authority**

Discussion of actions taken at the January 11, 2023, Indian Wells Valley Groundwater Authority (IWVGA) Regular Board meeting:

- The IWVGA Board authorized their staff to begin the application process for a grant from the Urban Community Drought Relief Grant Program for Shallow Well Mitigation and Water Recycling Treatment Plant.
- There will be discussion regarding the compensation for the repairs made to the Heritage Village well at the next IWVGA in February.
- At the next meeting, there will also be discussion of Brown Armstrong's request for additional funds requested to finish the auditing process.
- There will be a Policy Advisory Committee (PAC) meeting this evening, January 26<sup>th</sup> at 5:00pm.
- The next IWVGA Regular Board meeting is scheduled for February 8, 2023

Public Comment regarding the IWVGA –

- Mike Neel requested that the Indian Wells Valley Water District (IWWVD) Board reiterate his request to the IWVGA Board for an updated project cost for the Imported Water Pipeline Project be available to the public.

**4. Brackish Water Study**

Don Zdeba reported that the Brackish Study Group's last meeting was January 27, 2022.

Annual reports have been submitted to the Department of Water Resources (DWR) for 2019, 2020, and 2021. The 2019 annual report was submitted to DWR on December 9<sup>th</sup>, and the 2020 and 2021 reports were uploaded to GRanTS on January 17<sup>th</sup>. Payment for the fifth invoice package in the amount of \$8,521.53 was received January 11<sup>th</sup>. The grant agreement has been amended to change the project completion date from March 30, 2023, to December 30, 2023. Recent work has involved developing draft treatment

methods and costs for four scenarios. The scenarios are being reviewed and the costs for additional system components such as extraction wells, pipelines, reservoirs, etc. are currently being estimated. Also, the draft 2022 annual report is being prepared.

**5. Alternate Water Sources**

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

At the January 19, 2022, workshop, the Board approved up to \$200,000 to obtain and reprocess additional remote sensing/seismic data collected during the 1980's within the El Paso sub-basin area and update the Hydrological Conceptual Framework.

The acquisition and interpretation of the 104 miles of seismic data has been completed by John Jansen with Collier Geophysical. John drafted a final report, but after a discussion with Tim Parker and Don Zdeba, it was decided John would include determination of net clay percentages along with the net sand percentages he had already completed for each HG zone since clays can contain groundwater as well. This work is in progress.

**6. Future Agenda Items**

None.

**7. Adjournment**

Meeting was adjourned at 2:32 pm

BOARD OF DIRECTORS  
INDIAN WELLS VALLEY WATER DISTRICT

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PLANT AND EQUIPMENT COMMITTEE  
REGULAR MEETING

REPORT

TUESDAY, FEBRUARY 7, 2023 – 2:00 PM  
BOARD ROOM  
500 W. RIDGECREST BLVD., RIDGECREST

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

**1. Call to Order**

The meeting was called to order at 2:06 pm.

**2. Committee/Public Comments**

None.

**3. Variance Request: Kendall Ave/Lumill Street (APN 343-200-26) – Smith Family Trust**

Pam Smith is requesting a variance to the requirement to construct a water line across the entire frontage of their parcel. The parcel is located at the southeast corner of Kendall Ave and Lumill Street. A new water line will be constructed from the corner of Kendall Ave. and Summit Street 665 ± L.F. to the east and then south on Lumill Street 50 ± L.F. A covenant running with the land would be required by the District requiring the construction of the pipeline in Lumill Street to the south if needed by a landowner south of APN 343-200-26. The Committee recommended the Board approve the request for variance and require a covenant running with the land.

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

Weka, Inc. is scheduled to mobilize to repair this pipeline on February 24<sup>th</sup>. They expect the repair to take 4 weeks. Farwest Corrosion Control Company finished their survey of the pipeline from Pinto Street to the Bowman Rd. tanks a few weeks ago and have informed staff that a report will be completed by the middle of next week. Verbally they have indicated that no other problem spots were found during the survey.

**5. Well 31 Rehabilitation: Project Update**

The latest update from Layne is that they expect to be on site the end of this month or early March to install the new pump and other equipment. They are currently waiting for the motor to return from being serviced.

### **Booster Station and Tanks Project: Update**

The new tank at the Gateway/Javis site is online after approval by the State Water Resources Control Board. Soon the old tank will be emptied for some piping modifications. There is an issue with the altitude valve that must be addressed before the old tank can be emptied. At the booster station, electrical has been installed and inspection will take place this Thursday the 9th. CSE is expecting the MCC to ship in April. The C-zone tank has been constructed and inspection/testing of the coating is occurring this week along with disinfection/pressure testing of the inlet/outlet piping. At the College tank site, CSE has completed construction of the ringwall. The tank subcontractor is scheduled to return to begin erecting the tank at the beginning of March.

### **6. Arsenic Treatment Facilities: Update**

Staff is waiting for Pureflow's quote to install the underdrains at Plant 1 and expects to have it before the next Board meeting.

### **7. Solar Production: Report**

The Committee reviewed the report provided by ENGIE Services for July 2022 through January 2023. For January, the actual savings was \$34,608.33 and the guaranteed savings was \$36,682.25. The total savings this fiscal year is \$311,509.86. At the Well 35 site, actual savings for January was \$982.51 and the guaranteed savings was \$1,475.78. The total savings since the Well 35 site went online January 2022 is \$23,203.90.

### **8. Future Agenda Items**

None.

### **9. Adjournment**

The meeting was adjourned at 2:14 pm.

BOARD OF DIRECTORS  
INDIAN WELLS VALLEY WATER DISTRICT

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FINANCE COMMITTEE  
REGULAR MEETING

REPORT

TUESDAY FEBRUARY 7, 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 2:33 pm.

**2. Committee/Public Comments**

None.

**3. Fraud Risk Discussion**

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

None to report.

**4. SRF Loan Application Assistance**

Description: Discuss SRF loan application process.

Committee received two charts (attached) developed by Krieger and Stewart, in collaboration with District Staff, that show the tasks, cost, and timeline differences between State Revolving Fund and Bond financing.

Director Rajtora directed staff to verify timelines with State officials and other SRF consultants prior to the next Board meeting.

Committee recommends presenting the financing findings to the Board at the next Board Meeting.

**5. Construction Meter Rates**

Description: Discuss Construction Meter Rate options.

At the recent Board Workshop, Director Griffin, with the support of the Board, asked that Staff reevaluate the proposed construction meter fixed monthly fee amount. Staff discussed options with the rate analyst Mark Hildebrand of Hildebrand Co and developed a recommended solution.

Staff is recommending the fixed monthly fee mirror the bulk water monthly fee with an added \$25

fee to cover the handling, storage, reading, and tracking of the construction meters.

Committee recommends the Board approve the recommended new construction meter rates (attached) at the February 27<sup>th</sup> Board Hearing.

Staff reported that the District is purchasing 5 AMI registers for testing on construction meters to evaluate further expansion.

**6. Fourth Quarter 2022 Investment Reports**

Description: Presentation to Committee of the quarterly investment earnings of the District's reserves in the Kern County Treasury and the State Treasury's Local Agency Investment Fund (LAIF).

**INDIAN WELLS VALLEY WATER DISTRICT  
 QUARTERLY INVESTMENT REPORT  
 QUARTER ENDING DECEMBER 2022**

<b>INVESTMENTS</b>	<b>UNRESTRICTED</b>	<b>RESTRICTED</b>	<b>TOTAL</b>
Cash in Bank	\$ 2,475,472	0	
Local Agency Investment Fund	1,384,113		
Kern County Treasurer	9,204,484	1,270,881	
BNY Mellon 2018 COP Project Fund		608,964	
Total Water District Investments	<u>\$ 13,064,070</u>	<u>\$ 1,879,845</u>	<u>\$ 14,943,914</u>

<b>RESERVES</b>	<b>DISTRICT DESIGNATED</b>	<b>RESTRICTED</b>	<b>TOTAL</b>
Capital Improvements & Replacements (Committed)	\$ 2,221,512		
Vehicle Replacement (Assigned)	351,815		
Computer Equipment Replacement (Assigned)	100,519		
Emergency Reserve (Committed)	3,164,306		
Alternate Water Supply/Future Source of Supply (Assigned)	1,748,954		
Miscellaneous Capital (Assigned for projects postponed)	1,297,821		
Customer Deposits & Credits (Nonspendable)	304,183		
Prepaid Connection Fees (Nonspendable)	413,957		
Post-Retirement Health Benefits - Kern County (Assigned)	319,558		
Emergency Reserve (Uncommitted)	3,141,446		
AD 87-1 Reserve Funds (Restricted to pay Prop 55 Loan)		515,644	
2018 COP Project Funds		608,964	
Capital Facility Fees		<u>755,237</u>	
Total Water District Reserves	<u>\$ 13,064,070</u>	<u>\$ 1,879,845</u>	<u>\$ 14,943,914</u>

*In the event of an emergency, the District may be required to use any or all unrestricted funds in Mission Bank, Kern County Treasury and LAIF*

**7. Financial Statements January 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.

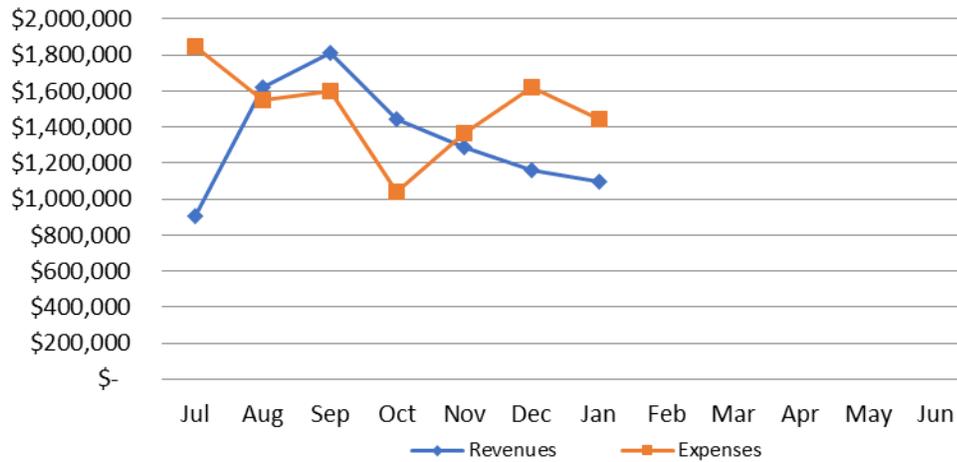
Estimated year-to-date revenues as of January 31, 2023, are \$9,318,913 and expenses are \$10,464,974, therefore expenditures exceeded revenues by \$1,146,061, which is less than budget by \$356,848.

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

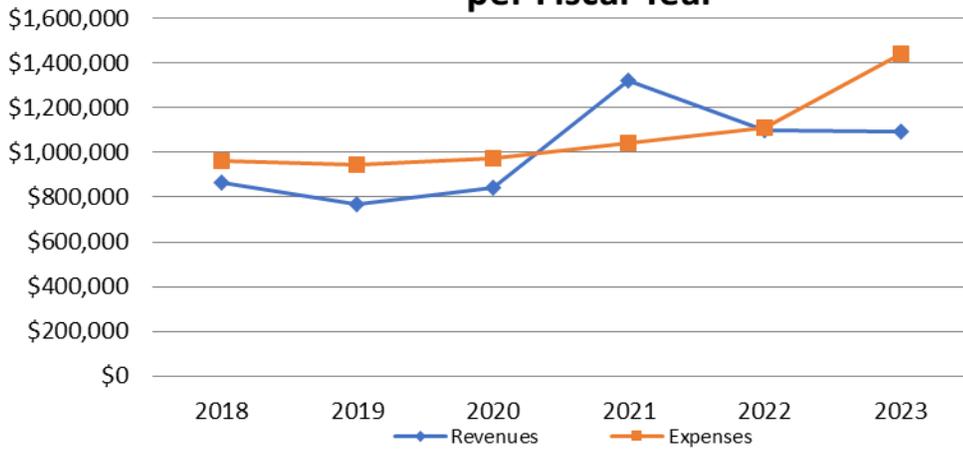
**Indian Wells Valley Water District  
 Revenues vs. Expense  
 Actuals & Budget through January 2023 (Preliminary)**

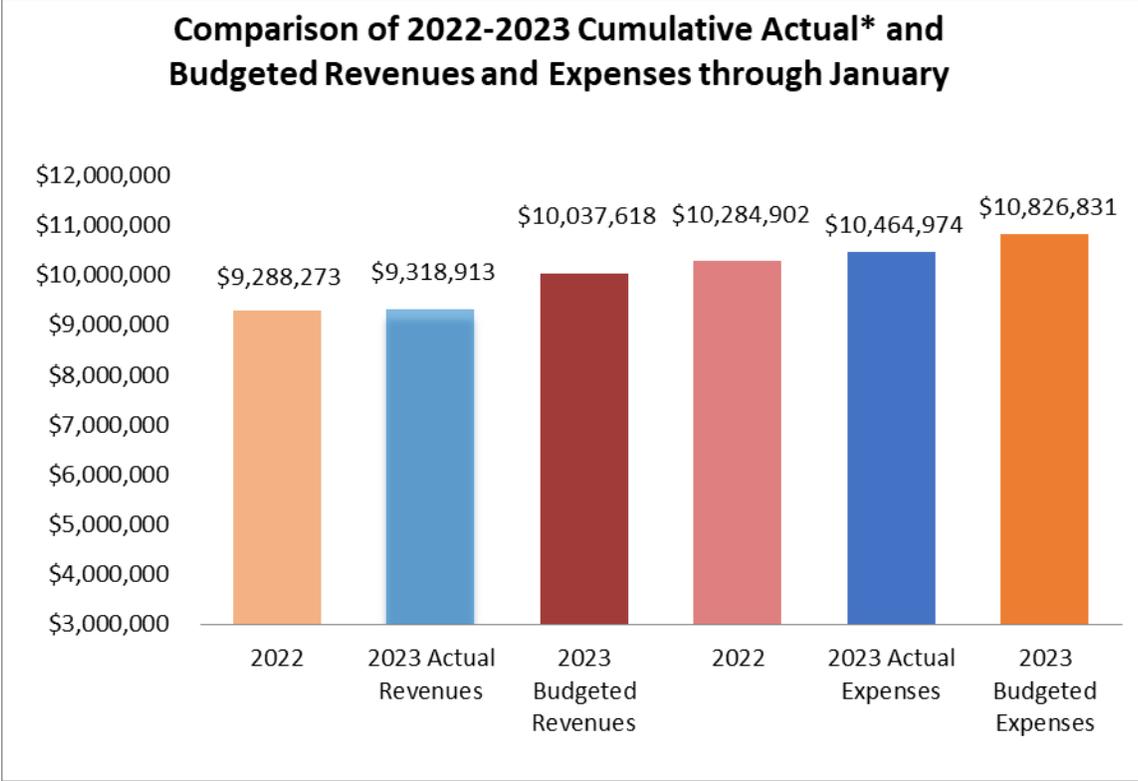
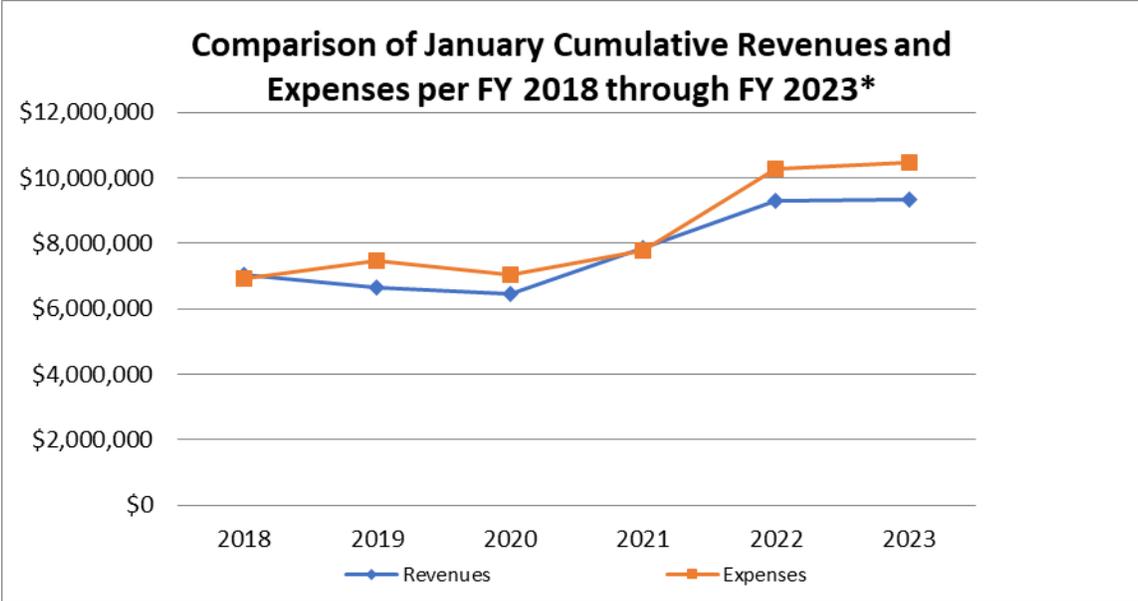
	Budget	Actuals	Δ
<b>Revenues</b>			
Total Water Sales	6,685,289	6,062,655	-622,633
GSA Fees	2,647,080	2,518,660	-128,420
Total Water Service Revenue	218,210	240,707	22,497
Total Non-Operating Income	89,687	95,462	5,775
Capital Contributions	397,352	401,429	4,077
<b>Total Revenues</b>	<b>10,037,618</b>	<b>9,318,913</b>	<b>-718,705</b>
<b>Expenses</b>			
Water Supply	732,865	720,603	-12,262
Arsenic Treatment Plants	152,981	85,787	-67,194
Transmission & Distribution	1,165,425	990,945	-174,480
Engineering	256,271	304,911	48,641
Customer Service	298,706	195,471	-103,235
Field Services	314,081	327,428	13,347
General & Administration	2,063,126	2,252,997	189,870
Legislative	70,971	50,429	-20,542
Depreciation	2,041,667	2,041,667	0
Non-Operating, Interest	839,192	616,987	-222,205
Non-Operating, Miscellaneous	156,518	321,939	165,422
GSA Fees	2,660,000	2,455,257	-204,743
Non-Operating, Conservation	21,033	21,421	388
Non-Operating, Alternate Water	53,997	79,133	25,136
<b>Total Expenses</b>	<b>10,826,831</b>	<b>10,464,974</b>	<b>-361,857</b>
<b>Net Revenue Increase (Decrease)</b>	<b>-789,213</b>	<b>-1,146,061</b>	<b>-356,848</b>
<b>Capital Expenditures</b>		<b>4,125,796</b>	
- COP Funded		3,244,596	
<b>Debt Service Principle</b>		<b>648,470</b>	

### Comparison of FY 2021-2022 Revenues and Expenses by Month



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





\*Actual Revenues and Expenses are Estimated

**8. Accounts Payable Disbursements**

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

The Committee recommended approval of accounts payable disbursements totaling \$1,675,669.07 as follows:

Checks through:	<u>1/12/23</u>	<u>1/25/23</u>
Prepaid	\$ 428,315.77	\$ 43,956.80
Current	<u>689,758.99</u>	<u>515,162.94</u>
Total	<u>\$ 1,118,074.76</u>	<u>\$ 559,119.74</u>

**9. Future Agenda Items**

Sales and Service Policy Manual

**10. Adjournment**

The Committee adjourned at 3:24pm.

BOARD OF DIRECTORS  
INDIAN WELLS VALLEY WATER DISTRICT

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ADMINISTRATION/EXECUTIVE COMMITTEE  
MEETING MINUTES

WEDNESDAY, FEBRUARY 8, 2023 – 3:00 P.M.

BOARD ROOM  
500 W. RIDGECREST BLVD., RIDGECREST

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

**1. Call to Order**

The meeting was called to order at 3:00 p.m.

**2. Committee/Public Comments**

None.

**3. Special District Risk Management Authority (SDRMA) Notification of Nominations – 2023 Election SDRMA Board of Directors**

The Committee discussed SDRMA nominations for 2023 Election Board of Directors and made no recommendations and deferred to the Board for further discussion and consideration. The Committee requested more information regarding the position and requirements be presented at the Board meeting.

**4. Discussion on Senate Bill (SB) 606 and Assembly Bill (AB) 1668**

The Outdoor Water Use Efficiency Standards were scheduled to be established by July 2022.

Don Zdeba provided the Urban Water Use Objective Cut Sheets on Outdoor and Indoor Residential Standards released by the California Water Efficiency Partnership (CalWEP) to the Committee.

Association of California Water Agencies (ACWA) has started meetings on Water Use Efficiency Variances with the initial meeting taking place last week. Specific variances will be addressed in subsequent meetings. Mr. Zdeba will update the Board accordingly.

**5. Draft Agenda for the Regular Board Meeting of February 13, 2023**

The Committee reviewed the agenda and made no changes.

**6. Future Agenda Items**

None.

**7. Adjournment**

The meeting adjourned at 3:22 p.m.

# Urban Water Use Objective Cut Sheet

NOTE: DETAILS SUBJECT TO CHANGE PENDING STATE WATER BOARD RULEMAKING

## The Outdoor Residential Standard

### The Background

SB 606 and AB 1668, signed in 2018, referred to as the Long-Term Framework legislation, are intended to make conservation a California way of life. The legislation tasked the California Department of Water Resources (DWR) with providing regulation recommendations to the State Water Resources Control Board (State Water Board) that include water use efficiency **Standards**, **Variations**, and **Performance Measures** for urban retail water suppliers. The **Standards** and **Performance Measures** are intended to improve water efficiency at an urban retail water supplier level. Standards establish quantitative requirements that must be tracked and reported, whereas Performance Measures establish qualitative requirements that also must be reported. **This cut sheet summarizes DWR's recommendations. Final regulations will be set by the State Water Board.**

In total, four water use standards (indoor residential, outdoor residential, commercial, industrial, and institutional dedicated irrigation meter (CII-DIM), and water loss), and up to eight variances are used to calculate efficient use. The sum of each respective efficient use volume establishes an overall water budget, known as an **Urban Water Use Objective (UWUO)**, that a supplier cannot exceed on an annual basis (see Equation 1). Water suppliers that exceed their UWUO may be required by the State to enact policies and programs to achieve water savings. Additional enforcement measures include fines levied directly on the supplier no sooner than November 1, 2027.

Equation 1: Urban Water Use Objective (UWUO)

### Urban Water Use Objective



**Indoor Residential  
Water Budget**

+



**Outdoor Residential  
Water Budget**

+



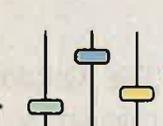
**CII-DIM Outdoor  
Water Budget**

+



**Water Loss  
Threshold**

+



**Variations  
(if applicable)**

Where,

*Indoor Residential Water Budget = Efficient Indoor Residential Water Use (EIRWU)*

*Outdoor Residential Water Budget = Efficient Outdoor Residential Water Use (EORWU)*

*CII-DIM Outdoor Water Budget = Efficient Outdoor Commercial, Industrial, Institutional Dedicated Irrigation Meter Water Use*

*Water Loss Threshold = Total volume based on gallons per connection per day*

*Variance Water Use = Aggregate estimated water use for variances approved by the State Water Board*



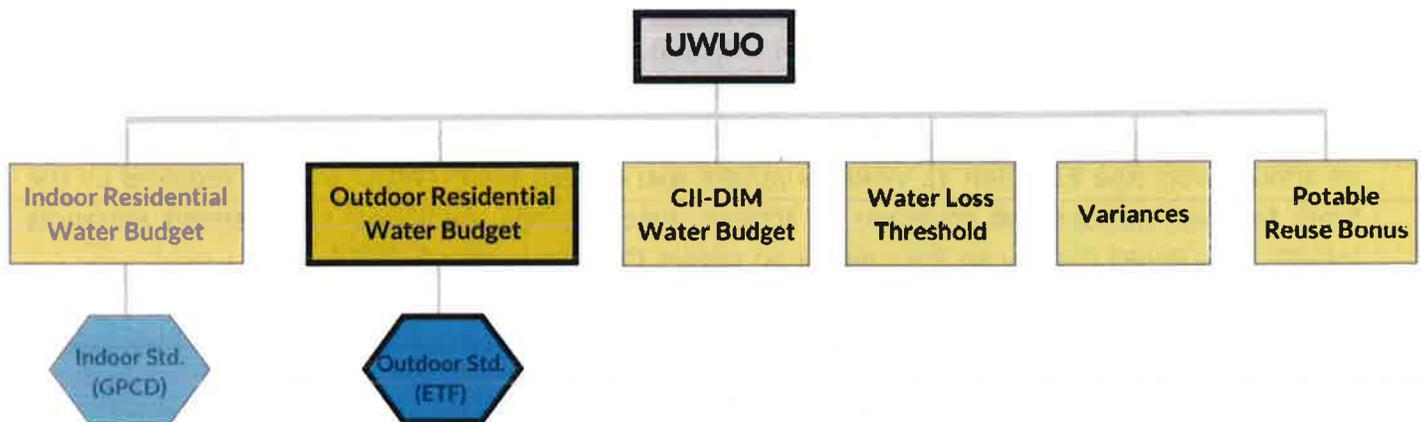
Adjustments to an UWUO can be made via a **Bonus Incentive** for potable reuse, where applicable per supplier, and potentially a cap on the severity of water use reductions required of urban retail water suppliers (if approved by the State Water Board)<sup>1</sup>. Changes to the current statute will require additional/future legislative actions. Until that time, the current statute is what suppliers will be required to meet.

Suppliers are required to submit an annual report to DWR no later than January 1, 2024. The report must include a supplier’s calculated URWUO as well as their annual water use for the prior calendar or fiscal year.

### The Basics – Outdoor Residential Standard

Together, the **Indoor Residential Standard** (in gallons per capita per day) and the **Outdoor Residential Standard** (evapotranspiration factor) are used to calculate the total efficient residential water use volume. This efficient use volume is the residential water efficiency target for each water supplier’s service area. *This cut sheet examines the **Outdoor Residential Standard**, only.*

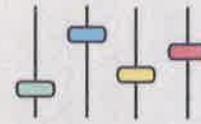
Figure 1: Water use categories that comprise a supplier’s Urban Water Use Objective (UWUO)



The **Outdoor Residential Standard** provides evapotranspiration adjustment factors (ETF) for calculating efficient use. The ETF accounts for climate conditions, irrigation efficiencies, and existing plant water needs<sup>2</sup>. It varies per landscape type and year as presented in Table 1.

<sup>1</sup> Paragraph 13.2: Comparison of Water Use Objective to Actual Water Use, from “[Recommendation for Outdoor Residential Water Use Efficiency Standard \(WUES-DWR-2021-02\)](#)”, September 2022.

<sup>2</sup> Paragraph 5.1: Evapotranspiration Factor Distributions Based on Irrigable and Irrigated Landscape Areas, from “[Recommendation for Outdoor Residential Water Use Efficiency Standard \(WUES-DWR-2021-02\)](#)”, September 2022.



The ETF is used to calculate the annual maximum allowed outdoor residential water use (in gallons) for the aggregate area of all residential landscape types below in Table 1. This maximum is referred to as Efficient Outdoor Residential Water Use (EORWU). For simplicity we will refer to the EORWU as the **outdoor residential water budget**.

Table 1: Outdoor Residential Standard (Evapotranspiration Factors - ETF) by landscape type and year

Compliance Year	Irrigable-Irrigated (II)	Irrigable-Not -Irrigated (INI)	Special Landscape Areas (SLA)*	New Construction/Rehab (post 1/1/2019)**
2023	0.80	0.80	0.80	0.55
2030	0.63	0.63	0.63	0.55

\*Suppliers have the option of transitioning residential SLAs over to the outdoor CII-DIM category where a higher ETF can be utilized in the efficient use calculation.

\*\*For new homes built after the DWR Landscape Area Measurement (LAM) data was generated (2019 for most urban retailers) the water budgets should be calculated with an ETF of 0.55.

Urban retail water suppliers must calculate a supplier-level annual **outdoor residential water budget**. This supplier-level annual outdoor residential water budget will be added to the supplier-level annual indoor residential water budget to arrive at the total efficient residential water use target (see Equation 2).

Equation 2: Total Efficient Residential Water Use

$$\text{Efficient Residential Water Use (gal/yr)} = \text{Indoor Residential Water Budget} + \text{Outdoor Residential Water Budget}$$

It is important to note the following, as it relates to the Outdoor Residential Standard:

- The Outdoor Residential Standard applies to properties identified as "residential" in the county assessor roll including single family and multi-family parcels within a supplier's service area.
- DWR provided each water supplier with residential LAM data in 2021. The LAM data represents aggregate area from 2018 (with the exception of a few agencies that received their data in 2020) and excludes parkways, vacant lots, open water sources (ponds, lakes, rivers), and agricultural areas over one acre. Updated LAM data will be provided by DWR at a later date.



- Suppliers who want to include new residential landscape area post 2018 (or 2020 in some cases) in their outdoor water budget will need to estimate this area and disaggregate it into two landscape types: Irrigable-Irrigated (II) and Irrigable-Not-Irrigated (INI). DWR must first approve written requests to include this area<sup>3</sup>.
- Suppliers can request to use of an alternative data subset directly. However, suppliers must demonstrate that their own data is of equal or better quality than data provided by DWR<sup>4</sup>.
- The State will not enforce outdoor water budgets for individual residential parcels. Compliance is enforceable at the supplier level.

### Determining Compliance

Urban retail water suppliers are only required to meet their overall UWUO (see Equation 1). Because Efficient Residential Water Use (Equation 2) is only one metric that makes up a supplier’s UWUO, exceeding the annual outdoor residential water budget, based on the Outdoor Residential Standard, does not mean a supplier is out of compliance. In this scenario, a supplier can improve their chances of remaining in compliance by offsetting their outdoor budget with water savings achieved indoors for residential accounts and/or outdoors for CII accounts with dedicated irrigation meters, for example.

In the most general terms, the annual outdoor water budget is calculated using Equation 3. See Table 2 for a breakdown of equation factors.

Equation 3: Annual Outdoor Residential Water Budget

$$\text{Outdoor Residential Water Budget (gal/yr)} = \text{LAM} \times \text{ETF} \times (\text{ETo-Peff}) \times 0.62$$

Table 2: Outdoor Residential Water Budget factors

Factor	Definition
LAM	<p>Landscape Area Measurement includes the following landscape types:</p> <ul style="list-style-type: none"> <li>◦ Irrigable-Irrigated (II),</li> <li>◦ Irrigable-Not-Irrigated (INI) - 20% only,</li> <li>◦ Special Landscape Areas (SLA), and</li> <li>◦ New and rehabilitated</li> </ul> <p>Aggregate data provided by DWR for all designations except for new and rehabilitated landscapes installed after 2018.</p>

<sup>3</sup> DWR will provide detailed guidelines and templates for requesting an adjustment to irrigable areas for new developments.

<sup>4</sup> Additional details about the use of alternative data are included in the “Recommendations for Guidelines and Methodologies for Calculating Urban Water Use Objective (WUE-DWR-2021-01B)”



Factor	Definition
ETF	Outdoor Residential Standard or evapotranspiration factor (unitless). See Table 1.
ET <sub>o</sub>	Reference Evapotranspiration (inches per year). Provided annually by DWR.
Pe <sub>eff</sub>	Effective Precipitation (inches per year). Capped at 25% of total precipitation and provided annually by DWR.
0.62	Conversion Factor to generate units in gallons per year.

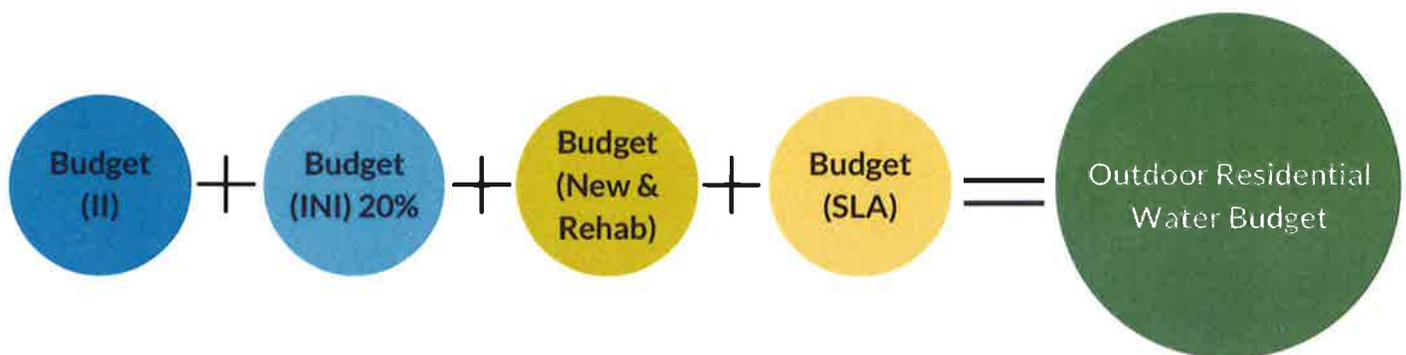
Note that individual outdoor water budgets should be calculated for each landscape type and then added together to generate the total outdoor residential water budget (See Figure 2). Residential landscape areas that qualify as Special Landscape Areas (SLA) can be factored into the outdoor residential budget or transferred over to the CII-DIM outdoor water budget, where the latter allows for a larger ETF for SLAs. Opting to move SLAs over to the CII-DIM outdoor water budget could be advantageous for a supplier if SLAs comprise a significant proportion of its residential landscape area.

**What qualifies as Special Landscape Areas on residential parcels?**

1. Residential landscape areas irrigated with recycled water
2. Vegetable gardens irrigated with recycled water
3. Landscaped play areas irrigated with recycled water
4. Community vegetable gardens and public play fields

Further, only 20% of INI residential landscape area can be factored into the overall outdoor residential water budget. This increase is considered a buffer and should make complying with the overall UWUO more feasible.

Figure 2: Individual outdoor water budgets per landscape type that make up the total outdoor residential water budget.





## The Resources

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The following calculators are available to help suppliers determine their outdoor residential water budget and compliance with the UWUO:

1. State Water Resources Control Board – [Objective Exploration Tool](#)
2. [WaterView](#) tool offered by Eagle Aerial
3. [AWE Conservation Tracking Tool – California Edition](#)

The following are resources offered by CalWEP to support our members as they help their residential customers reduce their outdoor use (see CalWEP.org for more info.):

- Incentive Programs:
  - [Direct Distribution Programs](#) for irrigation equipment and smart flow devices,
  - [Smart Rebates](#)
- Training Programs:
  - [Qualified Water Efficient Landscaper Training \(QWEL\)](#)
  - Calscape Nursery Training
- Landscape-centric Resources:
  - [Implementation Guides \(Landscape\)](#)
  - [Turf Conversion Program Design Matrix](#)
  - [Watershed Approach for California Landscapes Handbook \(Author: G3\)](#)
  - Wordless Sustainable Landscape Maintenance Guide (for all languages)
  - [Community Based Social Marketing Guide and Customer Survey](#), Vol.1, Vol.2 (landscape focus)
  - [Multiple Benefits of Turf Replacement Programs](#) (Summary Doc. & Cutsheets)

# Urban Water Use Objective Cut Sheet

NOTE: DETAILS SUBJECT TO CHANGE PENDING STATE WATER BOARD RULEMAKING

## The Indoor Residential Standard

### The Background

SB 606 and AB 1668, signed in 2018, referred to as the Long-Term Framework legislation, are intended to make conservation a California way of life. The legislation tasked the California Department of Water Resources (DWR) with providing regulation recommendations to the State Water Resources Control Board (State Water Board) that include water use efficiency **Standards, Variances, and Performance Measures** for urban retail water suppliers. The **Standards and Performance Measures** are intended to improve water efficiency at an urban retail water supplier level. Standards establish quantitative requirements that must be tracked and reported, whereas Performance Measures establish qualitative requirements that also must be reported. **This cut sheet summarizes DWR's recommendations. Final regulations will be set by the State Water Board.**

In total, four water use standards (indoor residential, outdoor residential, commercial, industrial, and institutional dedicated irrigation meter (CII-DIM), and water loss), and up to eight variances are used to calculate efficient use. The sum of each respective efficient use volume establishes an overall water budget, known as an **Urban Water Use Objective (UWUO)**, that a supplier cannot exceed on an annual basis (see Equation 1). Water suppliers that exceed their UWUO may be required by the State to enact policies and programs to achieve water savings. Additional enforcement measures include fines levied directly on the supplier no sooner than November 1, 2027.

Equation 1: Urban Water Use Objective (UWUO)

### Urban Water Use Objective



**Indoor Residential  
Water Budget**

+



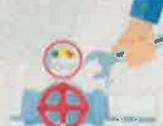
**Outdoor Residential  
Water Budget**

+



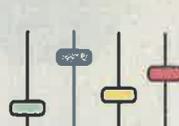
**CII-DIM Outdoor  
Water Budget**

+



**Water Loss  
Threshold**

+



**Variances  
(if applicable)**

Where,

*Indoor Residential Water Budget = Efficient Indoor Residential Water Use (EIRWU)*

*Outdoor Residential Water Budget = Efficient Outdoor Residential Water Use (EORWU)*

*CII-DIM Outdoor Water Budget = Efficient Outdoor Commercial, Industrial, Institutional Dedicated Irrigation Meter Water Use*

*Water Loss Threshold = Total volume based on gallons per connection per day*

*Variance Water Use = Aggregate estimated water use for variances approved by the State Water Board*



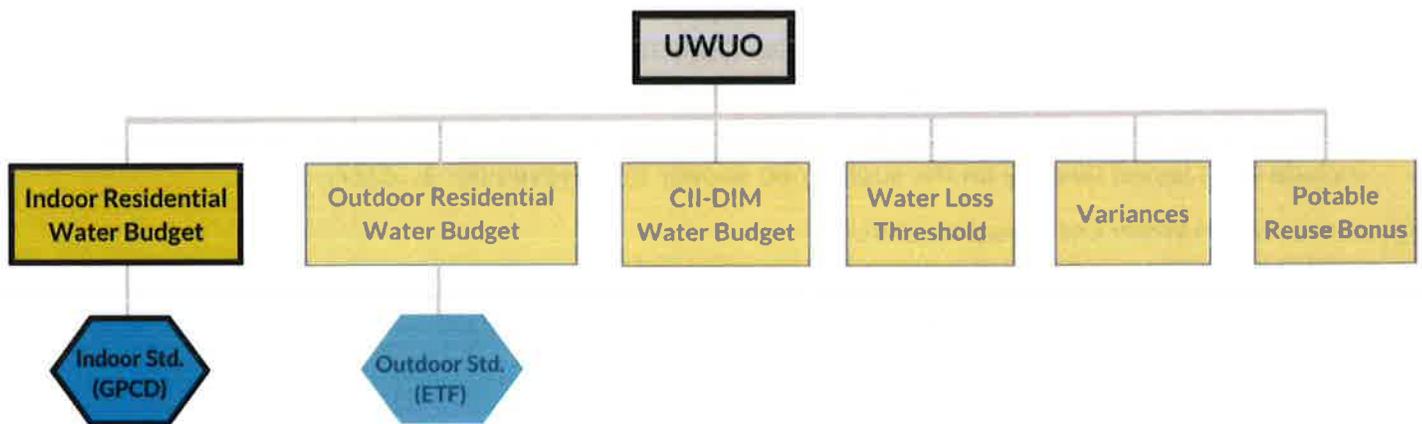
Adjustments to an UWUO can be made via a **Bonus Incentive** for potable reuse, where applicable per supplier, and potentially a cap on the severity of water use reductions required of urban retail water suppliers (if approved by the State Water Board)<sup>1</sup>. Changes to the current statute will require additional/future legislative actions. Until that time, the current statute is what suppliers will be required to meet.

Suppliers are required to submit an annual report to DWR no later than January 1, 2024. The report must include a supplier’s calculated URWUO as well as their annual water use for the prior calendar or fiscal year.

### The Basics – Indoor Residential Standard

Together, the **Indoor Residential Standard** in (gallons per capita per day) and the **Outdoor Residential Standard** (evapotranspiration factor) are used to calculate the total efficient residential water use volume. This efficient use volume is the residential water efficiency target for each water supplier’s service area. *This cut sheet examines the **Indoor Residential Standard**, only.*

Figure 1: Water use categories that comprise a supplier’s Urban Water Use Objective



The **Indoor Residential Standard** is the maximum allowed indoor water use measured in gallons per capita per day (GPCD). It is intended to represent efficient use.

<sup>1</sup> Paragraph 13.2: Comparison of Water Use Objective to Actual Water Use, from “[Recommendation for Outdoor Residential Water Use Efficiency Standard \(WUES-DWR-2021-02\)](#)”, September 2022.



The **Indoor Residential Standard** will decrease over time (see Table 1 below)<sup>2</sup>.

*Table 1: Indoor Residential Standards*

Compliance Year	Allowable GPCD
2020	55
2025-2030	47
2030 onward	42

Urban retail water suppliers must calculate a supplier-level annual **indoor residential water budget** by multiplying permanent population served by the *Indoor Residential Standard* (Allowable GPCD) by 365 days (see Equation 3). When population served is held constant, a supplier’s indoor residential water budget would decrease per compliance years. This supplier-level annual indoor residential water budget will be added to the supplier-level annual outdoor water budget to arrive at the total efficient residential water use target.

*Equation 2: Total Efficient Residential Water Use*

**Efficient Residential Water Use (gal/yr) = Indoor Residential Water Budget + Outdoor Residential Water Budget**

It is important to note the following, as it relates to the Indoor Residential Standard:

- The Indoor Residential Standard applies to properties identified as "residential" in the county assessor roll including single family and multi-family parcels within a supplier’s service area.
- Compliance is enforceable at the supplier level and not at an individual residential parcel level.

### **Determining Compliance**

Urban retail water suppliers are only required to meet their overall UWUO (see Equation 1). Because the Efficient Residential Water Use (Equation 2) is only one metric that makes up a supplier’s UWUO (see Figure 1), exceeding the annual indoor residential water budget based on the Indoor Residential Standard does not mean a supplier is out of compliance. In this scenario, a supplier can improve their chances of remaining in compliance by offsetting their indoor use with water savings achieved outdoors for residential and/or Commercial, Industrial and Institutional (CII) accounts with dedicated irrigation meters, for example. The annual indoor residential water budget is calculated using Equation 3.

<sup>2</sup> SB 1157 (Hertzberg, D-Van Nuys) was signed into law in September of 2022, which established progressively more efficient Indoor Residential Standards through 2030. DWR, in coordination with the SWRCB, shall conduct necessary studies and investigations to assess and quantify the economic benefits and impacts of the 2030 standard (42 GPCD) on water, wastewater and recycled water systems and shall also include saturation end-use studies by Oct. 1, 2028.





### Equation 3: Annual Indoor Residential Water Budget

$$\text{Indoor Residential Water Budget (gal/yr)} = \text{Indoor Residential Standard} \times \text{Permanent Population}^* \times 365 \text{ days}$$

\*Where Permanent Population does not include group quarters, e.g., dormitories, and is based on [DWR's Compliance Methodology](#) for calculating GPCD.

### The Resources

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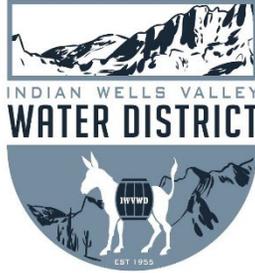
The following calculators are available to help suppliers assess their compliance with the UWUO:

1. State Water Resources Control Board – [Objective Exploration Tool](#)
2. AWE [Conservation Tracking Tool](#) – California Edition

The following are resources offered by CalWEP to support our members as they help their residential customers reduce their outdoor use (see [CalWEP.org](#) for more info.)

1. Program: [Smart Rebates](#)
2. Program: [Direct Distribution](#) (Flume)
3. Publication: [Practical Plumbing Handbook](#) (English)
4. Publication: [Practical Plumbing Handbook](#) (Spanish)

CalWEP members have access to indoor residential program [implementation guides](#) for water conservation staff.



# Approval of Minutes

MINUTES OF THE REGULAR BOARD MEETING

BOARD OF DIRECTORS  
INDIAN WELLS VALLEY WATER DISTRICT

JANUARY 9, 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 Chuck Griffin. **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:** Renée Morquecho, Acting General Manager  
Jim Worth, Attorney  
Ty Staheli, Chief Financial Officer  
Jason Lillion, Operations Manager  
Lauren Smith, Recording Secretary

**AGENDA DECLARATION**

Recording Secretary, Lauren Smith, reported that the agenda for tonight's Regular Board Meeting was posted on Thursday, January 5, 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 4:39 p.m. **CLOSED SESSION**

Closed Session was adjourned at 5:36 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  
COMMENTS**

**PUBLIC QUESTIONS AND COMMENTS**

The Board heard public comment from Judie Decker and Mike Neel. Mr. Neel provided a handout to the Board (attached to minutes).

**CONSENT  
CALENDAR**

**CONSENT CALENDAR**

MOTION: was made by Vice President Kicinski and seconded by Director Saint-Amand approving the Minutes of the December 12, 2022, Regular Board Meeting, Minutes of the December 21, 2022, Special Board Meeting, Payment of Accounts Payable totaling \$2,830,493.09, and Resolution No. 23-01: AB 361 Finding. Motion was carried, unanimously by the following roll call vote:

President Boyd:	Aye
Vice President Kicinski:	Aye
Director Griffin:	Aye
Director Rajtora:	Aye
Director Saint-Amand:	Aye

**AWARD OF  
CONTRACT:  
EMERG. NW  
TRANSM.  
PIPELINE  
REPAIR**

**AWARD OF CONTRACT**

Since the recent leak in the 30-inch Transmission Pipeline along Inyokern Road, staff has been researching the quickest and best way to fix the 1,800 feet of pipeline that needs to be replaced. The decision was made to replace the 30-inch cement mortar lined and coated (CMLC) pipe with 30-inch HDPE. HDPE is more readily available, and the repair can be made quicker than CMLC. Staff also informed the Board that Farwest Corrosion Control will be on site next week to test the pipeline from Pony Street to the Bowman tanks.

The Board reviewed the quote and timeline provided by WEKA, Inc. Staff recommends the Board approve a not to exceed cost of \$800,000 for this project to allow for contingencies and inspection fees. The cost will come out of the Emergency Reserve fund.

MOTION: was made by Director Griffin and seconded by Director Saint-Amand awarding the contract to repair the NW 30-inch Transmission Pipeline to WEKA, Inc. and approve the Notice of Exemption. Motion was carried, unanimously. (Ayes: Boyd, Kicinski, Griffin, Rajtora, Saint-Amand. Nays: None. Absent: None.)

**STATUS OF  
INTERIM GM**

**STATUS OF INTERIM GENERAL MANAGER**

Jim Worth provided an update on the status of the Interim General Manager. At the December 21, 2022, Special Board Meeting the Board approved Resolution No. 22-17: An Exemption to the CalPERS 180-Day Wait Period and to Approve an Employment Agreement with Donald Zdeba to serve as interim General Manager.

The contract and supporting documents have been submitted to CalPERS and Mr. Worth hopes to receive a response by the end of the week.

**AWARD OF CONTRACT**

The District received three bids for the demolition and construction of concrete structures. CLC Construction, Inc. was the low bidder.

**AWARD OF CONTRACT:  
DEMO AND CONSTR. OF CONCRETE STRUCT.**

Staff recommends awarding the annual contract to CLC Construction, Inc.

MOTION: was made by Vice President Kicinski and seconded by Rajtora approving the award of annual contract for demolition and construction of concrete structures to CLC Construction, Inc. Motion was carried, unanimously. (Ayes: Boyd, Kicinski, Griffin, Rajtora, Saint-Amand. Nays: None. Absent: None.)

**KRIEGER & STEWART ENGINEERING CONSULTANTS: 2023 FEE SCHEDULE**

**K&S 2023 FEE SCHEDULE**

Renée Morquecho reviewed Krieger & Stewart (K&S) Engineering Consultants 2023 Fee Schedule with the Board. The Board last approved K&S rate of compensation in February 2022. The proposed rates are to be implemented immediately.

MOTION: was made by Vice President Kicinski and seconded by Director Griffin approving the K&S 2023 Fee Schedule as presented. Motion was carried, unanimously. (Ayes: Boyd, Kicinski, Griffin, Rajtora, Saint-Amand. Nays: None. Absent: None.)

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

**IWVGA**

Director Rajtora commented on actions taken at the December 14, 2022, Board meeting and items on the upcoming January agenda of the IWVGA including:

- Next IWVGA Board Meeting is scheduled for January 11, 2023
- Imported Water Pipeline Alignment Study is still in progress
- Recycled Water Study is essentially completed, and the draft report is anticipated to be released this month
- 2022 Budget was amended and approved
- Request to increase auditors funding was approved. Audit report is expected to be released soon
- Two applications received for well impact funding
- New financial system has been implemented. An overview will be provided the IWVGA Board soon
- Draft Water year 2022 Annual Report was released for review and comment.

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

*Director Griffin left the meeting at 6:45 p.m.*

Jim Worth reported on recent actions regarding the Comprehensive Adjudication, including:

**COMPREHENSIVE ADJUDICATION**

- Hearing was held on December 9<sup>th</sup> regarding the mailers sent to parcel owners in the valley and how to proceed with the returned envelopes, roughly 4,000 parcels. The notice of the lawsuit has been republished and mailed out beginning January 1<sup>st</sup>. Providence Strategic Consulting will launch a digital campaign that targets roughly 55,000 people, and a message will be included on District customer's bills

- The next Case Management Conference is scheduled for March 17, 2023, at 1:30 p.m.
- Waiver of the initial appearance fee has been continued until February 28, 2023
- The Judge has continued the stay on discovery, as well as initial disclosures

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

**MANAGER AND STAFF UPDATE**

Renee Morquecho updated the safety record to 5 consecutive days without a recordable injury. Unfortunately, an employee had an injury last week, but it was not serious, and the employee will be returning to light duty tomorrow.

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

Metered water production at the wells for the month of December was 341.6 acre-feet. Consumption was 335.0 acre-feet. The preliminary report to the State Water Resources Control Board (SWRCB) was submitted last week and consumption was down 12.3% compared to 2013, but up 2.3% compared to 2020. The residential usage was 88.8 gallons per capita per day. The number of new services was not available before the meeting. Staff will provide the number at the February Regular Board meeting.

Staff continues to work with Providence Strategic Consulting to keep the public updated on the Comprehensive Adjudication, as well as promote WaterSmart, and provide information about each part of the water bill and the current tiers. Some of this is in preparation for the Public Hearing on February 27<sup>th</sup> during which the Board will consider new rates, charges, and fees. The Required Proposition 218 Notice was mailed to all parcels within the District's boundary last week and are still arriving.

**PUBLIC  
OUTREACH**

The Annual Board Workshop is scheduled for January 24, 2023, at 9:00 a.m. The Board was asked to submit items they wish to have on the agenda to President Boyd, Renée Morquecho, and Lauren Smith for review no later than January 17, 2023.

**JANUARY 2023  
ANNUAL BOARD  
WORKSHOP**

The new equipment for Well 31 has been ordered. Layne expects to mobilize the last week of January to begin installation.

**WELL 31 REHAB**

Last week concrete slabs were poured around the outside of the Booster Station. Piping across Jarvis Blvd. has been completed as well as installation of the electrical conduit and pressure testing. Canyon Springs Enterprise (CSE) has completed the retaining wall and installation of the new inlet/outlet piping. CSE has started working on grading and preparing for the ring wall. At the C-Zone tank, they have been coating and painting the interior.

**BOOSTER  
STATIONS AND  
TANKS PROJECT**

Ty Staheli reported that the estimated year-to-date revenues as of December 31, 2022, are \$8,223,576 and expenses are \$9,023,314. Expenditures exceeded revenues by \$799,738, which is less than budget by \$298,153. Notices for the Proposition 218 were mailed out last week.

**FINANCIAL  
STATUS**

Mr. Staheli reviewed the report provided by ENGIE Services for July 2022 through December 2022 with the Board. For December, the actual savings was \$33,695.24 and the guaranteed savings \$33,926.004. The

**SOLAR  
PRODUCTION**

total saving this fiscal year is \$276,901.53. At the Well 35 site, the actual savings for December was \$669.72 and guaranteed was \$1,310.00. The total savings since the Well 35 site went online January of this year is \$23,203.90. A technician from ENGIE visited the Well 35 site due to the reduced solar production. The reduction is caused by the angle of the sun during this time of the year, which casts shadows on the panels behind.

Mr. Staheli reported on the following conservation items:  
State Water Resources Control Board (SWRCB) Water Waster Report - In 2022, there were a total of 106 water waste reports received with 106 contacts made. There were six formal Second Notices and zero penalties issued.

CONSERVATION

Item discussed and Contract awarded earlier in the meeting.

INYOKERN RD  
TRANSM. MAIN

Plant 2 remains offline and in standby mode pending an emergency. Jason Lillion commented staff has concerns about damaging the support structure of the underdrain within the filter vessels at Plant 1. While staff is trying to do as much in-house as possible to save on capital expenditures, outside contractors may be required for installation of the new underdrain system. Staff will provide a recommendation to the Board at the next Regular Board meeting.

ARSENIC  
TREATMENT

Mr. Lillion reported for the month of December, five services were repaired and 13 were replaced. The NO-DES truck made no runs in December. Since inception, the NO-DES truck has filtered 8,597,835 gallons. Zero valves were exercised, 757 for the calendar year.

OPERATIONS

**BOARD COMMENTS/FUTURE AGENDA ITEMS**

President Boyd and Vice President Kicinski wished the public, staff & their families a Happy New Year.

**BOARD  
COMMENTS**

**ADJOURNMENT**

With no further business to come before the Board, the meeting was adjourned at 7:14 p.m.

**ADJOURNMENT**

Respectfully submitted,

Lauren Smith  
Recording Secretary

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

## Estimated GA Imported Water Cost Per Household

Hookups (Households)	12,500
Finance Rate	5%
Water Supply	\$ 48,388,000

Cumulative Inflation 25% since 2019

<b>Pipeline Project</b>	
AVEK Capital Cost	\$ 177,975,000
AVEK O&M cost	\$ 2,280,000
AVEK Annual Service	\$ 5,860,000
Grant Amount	\$ 125,000,000

<b>Pipeline Project</b>	
LADWP Cost	\$ 55,046,000
LADWP O&M	\$ 833,000
LADWP Annual	\$ 4,260,000
Grant Amount	\$ 25,000,000

		AVEK	LADWP
ONE TIME	Capital Costs	222,468,750	55,046,000
	Table A Water Cost	48,388,000	48,388,000
	One Time Cost	270,856,750	103,434,000
	Less Grants	125,000,000	25,000,000
	Total One Time Cost Net Grants	145,856,750	78,434,000
FINANCED	Finance Cost/Month	(405,158)	(217,872)
MONTHLY Financed Per Hookup		\$ (32)	\$ (17)

ANNUAL	Annual O&M Cost	2,280,000	833,000
	Annual Service cost	5,860,000	4,260,000
	Total Annual Cost	8,140,000	5,093,000

MONTHLY Annual	Monthly O&M + Service Cost Per Hookup	\$ (54)	\$ (34)
TOTAL		\$ (87)	\$ (51)

MINUTES OF THE SPECIAL BOARD MEETING WORKSHOP

BOARD OF DIRECTORS  
INDIAN WELLS VALLEY WATER DISTRICT

JANUARY 24, 2023

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. **CALL TO ORDER**

The Pledge of Allegiance was led by Ron Kicinski. **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  
Ty Staheli, Chief Financial Officer  
Lauren Smith, Recording Secretary

**STAFF ATTENDING**  
**VIA TELECONFERENCE:** Chuck Krieger, Consulting Engineer  
Tim Parker, Consulting Hydrogeologist

**AGENDA DECLARATION**

Recording Secretary, Lauren Smith, reported that the agenda for today's Special Board Meeting Workshop was posted on Friday, January 20, 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**

Mike Neel provided a spreadsheet with his analysis of the impact of the Groundwater Authority's imported water project on District customers and reviewed it with the Board of Directors. (Spreadsheet attached.) **PUBLIC COMMENTS**

**BOARD WORKSHOP**

The Board discussed the possibility of obtaining State Revolving Funds (SRF) for three infrastructure projects previously discussed with staff and Krieger & Stewart (K&S) consultants. **PLAN & SCHEDULE FOR SRF**

The Board directed staff to work with K&S to summarize the next steps needed, as well as a cost analysis involved with the application process for SRFs, for presentation at the next Board meeting.

The Board heard public comment from Mike Neel.

The Board discussed Potential Strategic Planning efforts and unanimously agreed to develop an Ad-Hoc Committee consisting of President Boyd and Director Saint-Amand to identify key drivers for development of the District's Strategic Plan. Mr. Zdeba will schedule the first meeting of the Ad-Hoc Committee and provide updates at subsequent Board meetings. The Board also directed staff to add an agenda item to discuss Recycled Water at the February Water Management Committee meeting.

The Board heard public comment from Mike Neel.

Board unanimously agreed to move up agenda item no. 7.B.: Presentation by Jazmine Molloy Of Eagle Aerial on WaterView.

Jazmine Molloy provided a presentation on the WaterView software and how the program may be beneficial to the District in relation to the upcoming water use mandates of Senate Bill (SB) 606 and Assembly Bill (AB) 1668. (Presentation included in packet.)

The program would greatly assist the District with providing the required data to the State Water Resources Control Board (SWRCB) as well as aid with mandatory reporting.

The Board recessed the meeting at 10:36 a.m.

The meeting was reconvened at 10:44 a.m.

The Board asked clarifying questions to better understand the process of the WaterView water efficiency software.

The Board heard public comment from Mike Neel.

It was clarified the District has already entered a contract of three-years at \$33,000/year with Eagle Aerial Solutions.

The Board unanimously agreed to move up agenda item no. 7.A.5. and 7.A.4. for discussion.

The Board discussed ways to best comply with SB 606 and AB 1668, and research the best option which would provide the least fiscal impact to the District's customers.

Staff was directed to remain engaged with Association of California Water Agency's (ACWA) work groups and address these Bills in the Strategic Plan to be developed.

The Board heard public comment from Mike Neel.

Chuck Krieger, of K&S, and staff answered questions the Board had regarding the recent mainline break on Inyokern Road. MAINLINE  
BREAK UPDATE

Farwest Corrosion Control tested the integrity of the Inyokern pipeline to confirm the extent of the corrosion and length of pipeline necessary to replace. Verbal assessment confirms the issue is localized in the area already established.

Mr. Krieger provided details of the extent of the break and the pipeline dimensions. Mr. Krieger stated that what appears to have happened in this situation were cracks in the cement lining coating allowed the steel to be exposed and not protected by the damaging effects of corrosion.

Staff will continue providing status updates at Committee and Board meetings. Staff will also evaluate other main lines for possible corrosion issues with Farwest Corrosion Control and other necessary companies.

Director Griffin requested fees for construction meters be removed and water usage charged at the same rate as bulk water hauling customers. CONSTRUCTION  
METER FEES

The Board discussed the potential of adding an AMI meter onto construction meters and including the cost of the AMI meter with the construction meter deposits.

Staff to investigate replacing the current construction meters with AMI technology. Discussion and consideration for use of recycled water for construction in lieu of potable water on the Water Management Committee meeting agenda. Finance Committee meeting agenda item to discuss applying bulk water use rate to construction meter usage rather than charging at the 2" meter size.

Director Saint-Amand left the meeting at 11:38 a.m.

Updated 2022 District Goals and Accomplishments were included in the Board Packet. There were no concerns addressed by the Board of Directors. 2022 STAFF  
GOALS REVIEW

Don Zdeba and staff provided an overview of the proposed District goals for the 2023 calendar year. Goals were included in the Board packet. 2023 STAFF  
GOALS

Other action items discussed include:

- Increasing outreach to legislative representatives to keep them updated on basin issues.
  - Draft a plan for exploring potential of the El Paso Subbasin to provide a water supply not currently being fully utilized. Present the plan to the Board prior to approaching the Indian Wells Valley Groundwater Authority (IWVGA) about applying for Department of Water Resources (DWR) Technical Support Services
- 2023 BOARD OF  
DIRECTOR  
GOALS \  
PRIORITIZE  
PRJCT & GOALS

(TSS) in support of drilling additional wells to assist in evaluating the El Paso area.

**BOARD COMMENTS/FUTURE AGENDA ITEMS**

None.

**BOARD  
COMMENTS**

With no further Board or Public comments, President Boyd recessed the meeting and adjourned to Closed Session at 12:32 p.m.

**CLOSED SESSION**

The meeting was reconvened in Closed Session at 12:37 p.m.

**CLOSED  
SESSION**

Closed Session was adjourned at 1:04 p.m.

The meeting was reconvened to Open Session at 1:07 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 1:07 p.m.

**ADJOURNMENT**

Respectfully submitted,

Lauren Smith  
Recording Secretary

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

## Estimated GA Imported Water Cost Per Household

Grey cells below-user input, using their own assumptions. Items like Grant Amounts are guesses (to date)

**Hookups (Households)** 12,500 From Water District

**Finance Rate** 5% input desired assumed rate

**Finance Term (years)** 30 input assumed financing term

**Water Supply** \$ 48,388,000 GA published amount(2019)

**Cumulative Inflation** 25% since 2019( estimated)

<b>Pipeline Project</b>			
AVEK Capital Cost	\$ 1,777,975,000	GA published amount(2019)	\$ 55,046,000
AVEK O&M cost	\$ 2,280,000	GA published amount(2019)	\$ 833,000
AVEK Annual Service	\$ 5,860,000	GA published amount(2019)	\$ 4,260,000
<b>Grant Amount</b>	<b>\$ 125,000,000</b>	input any assumed amount	<b>\$ 25,000,000</b>

<b>ONE TIME COSTS</b>		<b>AVEK</b>	<b>LADWP</b>
Capital Costs	222,468,750		55,046,000
Table A Water Cost	48,388,000		48,388,000
One Time Cost(Total)	270,856,750		103,434,000
Less Grants	125,000,000		25,000,000
One Time Cost Less Grants	145,856,750		78,434,000

<b>FINANCED</b>	Finance Cost/Month	(782,991)		(421,051)
<b>MONTHLY COST</b>	Average Per Hookup	\$ (63)		\$ (34)

<b>ANNUAL COSTS</b>	Annual O&M Cost	2,280,000		833,000
	Annual Service cost	5,860,000		4,260,000
	Total Annual Costs	8,140,000		5,093,000
	Monthly O&M + Service Cost			
<b>MONTHLY COST</b>	Average Per Hookup	\$ (54)		\$ (34)

<b>TOTAL</b>	Total Monthly Cost Per Hookup	\$ (117)		\$ (68)
	(Financed and Annual Costs)			

MINUTES OF THE SPECIAL BOARD MEETING

BOARD OF DIRECTORS  
INDIAN WELLS VALLEY WATER DISTRICT

FEBRUARY 7, 2023

The Special Meeting of the Board of Directors of the Indian Wells Valley Water District was called to order by Vice President Kicinski at 4:00 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 David Saint-Amand. **PLEDGE**

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

**DIRECTORS ABSENT:** President Mallory J. Boyd

**STAFF PRESENT:** Don Zdeba, General Manager  
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, February 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**  
None. **PUBLIC COMMENTS**

With no further Board or public comments, Vice President Kicinski recessed the meeting and adjourned to Closed Session at 4:02 p.m.

**CLOSED SESSION**  
The meeting was reconvened in Closed Session at 4:04 p.m. **CLOSED SESSION**

Closed Session was adjourned at 5:07 p.m.

The meeting was reconvened to Open Session at 5:11 p.m.

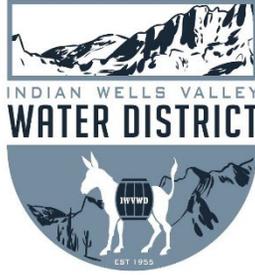
No action was taken which would require disclosure under the Brown Act.

**ADJOURNMENT**  
With no further business to come before the Board, the meeting was adjourned at 5:11 p.m. **ADJOURNMENT**

Respectfully submitted,

Lauren Smith  
Recording Secretary

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



**10.A.3.**

RESOLUTION NO. 23-02

RESOLUTION OF THE INDIAN WELLS VALLEY WATER DISTRICT, KERN AND SAN BERNARDINO COUNTIES, CALIFORNIA, AUTHORIZING REMOTE TELECONFERENCE MEETINGS FOR THE PERIOD OF FEBRUARY 13, 2023 - MARCH 13, 2023, PURSUANT TO AB 361

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**WHEREAS**, on March 4, 2020, Governor Newsom issued a Proclamation of State of Emergency in response to the COVID-19 pandemic, which Proclamation remains in effect; and

**WHEREAS**, on March 17, 2020, Governor Newsom issued Executive Order N-29-20, modifying the teleconferencing rules set forth in the California Open Meeting law, Government Code section 54950 et seq. (the "Brown Act"), subject to compliance with certain requirements; and

**WHEREAS**, on June 11, 2021, Governor Newsom issued Executive Order N-08-21, providing that the modifications would remain in place through September 30, 2021; and

**WHEREAS**, on September 16, 2021, Governor Newsom signed AB 361, providing that a legislative body subject to the Brown Act may continue to meet under modified teleconferencing rules if the meeting occurs during a proclaimed state of emergency and the legislative body holds a meeting during a proclaimed state of emergency for the purpose of determining, by majority vote, whether as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees; and

**WHEREAS** the rates of transmission of COVID-19 and variants in Kern County continue to pose imminent risks for health of attendees at indoor gatherings involving individuals from outside the same household; and

**WHEREAS**, to help protect against the spread of COVID-19 and variants, and to protect the health and safety of the public, the Indian Wells Valley Water District wishes to take the actions necessary to comply with the Brown Act, as amended and to continue to hold its meetings remotely via teleconference.

**NOW THEREFORE, BE IT RESOLVED** that the Board of Directors of the Indian Wells Valley Water District hereby find that pursuant to the Governor's State of Emergency Declaration, issued on March 4, 2020, there is a proclaimed State of Emergency in the State of California; and

**BE IT FURTHER RESOLVED** that the Board of Directors of the Indian Wells Valley Water District finds that meeting in person in the next 30 days would pose imminent health and safety risks to attendees; and

**BE IT FURTHER RESOLVED** that the Board of Directors of the Indian Wells Valley Water District approves meeting via teleconference for all Regular, Special, and Committee Meetings of the Board for the 30 days following this resolution, in accordance with Government Code section 59453(e) and other applicable provisions of the Brown Act.

All the foregoing being on the motion of Vice President Kicinski and seconded by Director Saint-Amand, and authorized by the following vote, namely:

AYES:           President Boyd  
                  Vice-President Kicinski  
                  Director Griffin  
                  Director Rajtora  
                  Director Saint-Amand

NOES:           None.

ABSENT:        None.

ABSTAIN:       None.

**I HEREBY CERTIFY** that the foregoing resolution is the resolution of Indian Wells Valley Water District as duly passed and adopted by said Board of Directors at a legally convened meeting held on the 13<sup>th</sup> day of February 2023.

**WITNESS** my hand and the official seal of said Board of Directors this 13<sup>th</sup> day of February 2023.

**ADOPTED AND APPROVED** this 13<sup>th</sup> day of February 2023.

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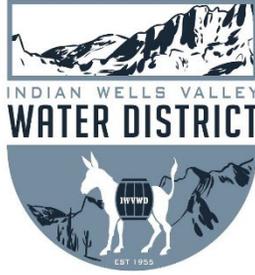
Mallory J. Boyd  
President, Board of Directors  
INDIAN WELLS VALLEY WATER DISTRICT

ATTEST:

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Donald M. Zdeba  
General Manager, Board of Directors  
INDIAN WELLS VALLEY WATER DISTRICT

(SEAL)



**10.B.1.**

Pam Smith

January 9, 2023

1186 S. Sunland St.

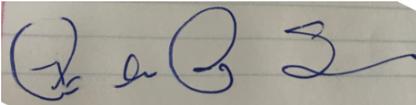
Ridgecrest, CA. 93555

**Formal Request for Variance**

APN: 343-200-26

IWVWD Engineering Department,

I would like to make a request for a Variance on Lumill Ave. Currently, my engineer has submitted plans for a mainline extension on Kendall Ave. and approximately 60 feet on Lumill Ave. I am requesting a variance from the requirement of running a pipeline across the full frontage of my property due to there not being a need. As the land sits and based on my understanding, and my engineers understanding all the APN's south of the subject property some 1/4 mile already have established service from the district. Due to this, I feel it is unnecessary and would only create a larger flushing burden on district personnel. Secondly, if a property further south required service from the district, it would be more cost effective, and frankly make more sense to connect and extend from other locations. Thank you for considering this request, if at any time you need anything else, please feel free to contact me.



Pam Smith

(760) 608-9155



E FAR VISTA AV

LUMILL ST

E KENDALL AV

E KENDALL AV

665 +/- L.F.

50 +/- L.F.

APN 343-200-26

LUMILL ST

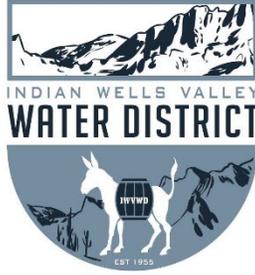
RICHMOND ST

MATURANGO ST

E MONTE VISTA AV

E MONTE VISTA AV

RIC



**10.C.1.**

INDIAN WELLS VALLEY WATER DISTRICT  
SRF VS. COP FUNDING COMPARISON  
PRELIMINARY SCHEDULE AND COST BREAKDOWN  
24" SPRINGER AVE PIPELINE (MAHAN ST TO COLLEGE HEIGHTS BLVD)

TOTAL COSTS

Task No.	Task	Cost		Project Duration		Year 1			Year 2			Year 3			Year 4			Year 5			Year 6																																																						
		COP	SRF	COP	SRF	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70
<b>1</b>	<b>Planning/Design Phase Application</b>	\$0	\$40,000	0 months	26 months	SRF																																																																					
1A	Application Preparation/Submission	\$0	\$30,000	0 months	2 months																																																																						
1B	Application Review/Approval/Acceptance*	\$0	\$10,000	0 months	24 months																																																																						
<b>2</b>	<b>Bond Issuance</b>	\$144,000	\$0	5 months	0 months	COP																																																																					
2A	Board Approval to Pursue Funding	\$2,000	\$0	1 month	0 months																																																																						
2B	Preliminary Official Statement Development	\$35,000	\$0	2 months	0 months																																																																						
2C	Rating Agency Call	\$5,000	\$0	1 meeting	0 meetings																																																																						
2D	Board approval of POS and Legal Docs	\$2,000	\$0	1 month	0 months																																																																						
2E	COP Sale/Funding/Closing	\$100,000	\$0	1 month	0 months																																																																						
<b>3</b>	<b>Planning/Design (Design, CEQA, Bidding &amp; Award)</b>	\$340,000	\$373,000	6 months	8 months	COP																																																																					
3A	Design, CEQA, Bidding & Award	\$340,000	\$340,000	6 months	6 months																																																																						
3B	Planning/Design Cost Inflation Adder (3% Annual Inflation)	\$0	\$18,000	0 month delay	21 month delay																																																																						
3C	Monthly Update Meetings	\$0	\$5,000	0 meetings	8 meetings																																																																						
3D	Quarterly Reports	\$0	\$5,000	0 reports	3-4 reports																																																																						
3E	Design Review by State	\$0	\$5,000	0 months	2 months																																																																						
<b>4</b>	<b>Construction Phase Application</b>	\$0	\$40,000	0 months	26 months	SRF																																																																					
4A	Application Preparation/Submission	\$0	\$30,000	0 months	2 months																																																																						
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<b>5</b>	<b>Construction (Mobilization/Construction/Startup/Closeout)</b>	\$3,060,000	\$4,214,000	8 months	9 months	COP																																																																					
5A	Mobilization/Construction/Startup/Closeout	\$3,060,000	\$3,060,000	8 months	8 months																																																																						
5B	Construction Cost Inflation Adder (3% Annual Inflation)	\$0	\$370,000	0 month delay	49 month delay																																																																						
5C	Monthly Update Meetings	\$0	\$5,000	0 meetings	8 meetings																																																																						
5D	Quarterly Reports	\$0	\$10,000	0 reports	3-4 reports																																																																						
5E	Labor Compliance	\$0	\$20,000	0 months	8 months																																																																						
5F	Project/Documentation Inspections	\$0	\$10,000	0 inspections	1-2 inspections																																																																						
5G	BABA Compliance - Administrative**	\$0	\$40,000	0 months	9 months																																																																						
5H	BABA Compliance - Materials (Additional 20% Material Cost)**	\$0	\$686,000	0 months	8 months																																																																						
5I	Final Project Completion Report	\$0	\$8,000	0 final reports	1 final report																																																																						
5J	Project Closeout (Additional Project Records Preparation)	\$0	\$5,000	0 months	1 month																																																																						
<b>6</b>	<b>Financing Interest Costs</b>	\$1,798,000	\$1,108,000	-	-																																																																						
6A	Public Offering Bond: 20 years @ 4.19%	\$1,798,000	-	-	-																																																																						
6B	SRF Loan: 20 years @ 2.10%	-	\$1,108,000	-	-																																																																						

\*The SRF website states a 12 month application review duration; however, the reviewers have stated on other similar projects that the current duration is 24 months.  
\*\*BABA stands for "Build America, Buy America". It is a requirement that "all of the iron, steel, manufactured products, and construction materials used in the project are produced in the United States".

Overall	Total Costs		Total Project Duration	
	COP	SRF	COP	SRF
<b>Totals</b>	<b>\$5,342,000</b>	<b>\$5,775,000</b>	<b>19 months</b>	<b>69 months</b>
			<b>1.6 years</b>	<b>5.8 years</b>

- SRF Overall Task Durations
- SRF Sub-Task Durations
- COP Durations
- COP Sub-Task Durations
- ◆ Project Completion



INDIAN WELLS VALLEY WATER DISTRICT  
SRF VS. COP FUNDING COMPARISON  
PRELIMINARY SCHEDULE AND COST BREAKDOWN  
24" SPRINGER AVE PIPELINE (MAHAN ST TO COLLEGE HEIGHTS BLVD)

PRESENT VALUE COSTS

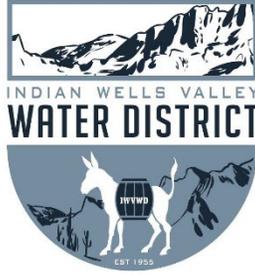
Task No.	Task	Cost		Project Duration		Year 1			Year 2			Year 3			Year 4			Year 5			Year 6																																																						
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6B	SRF Loan: 20 years @ 2.10%	-	\$1,108,000	-	-																																																																						
<b>7</b>	<b>Present Value Adjustment</b>	<b>-\$1,368,000</b>	<b>-\$2,265,000</b>	-	-																																																																						
7A	Present Value Reduction (3% Annual Inflation)	-\$1,368,000	-\$2,265,000	-	-																																																																						

\*The SRF website states a 12 month application review duration; however, the reviewers have stated on other similar projects that the current duration is 24 months.

\*\*BABA stands for "Build America, Buy America". It is a requirement that "all of the iron, steel, manufactured products, and construction materials used in the project are produced in the United States".

Overall	Total Present Value Costs		Total Project Duration	
	COP	SRF	COP	SRF
<b>Totals</b>	<b>\$3,974,000</b>	<b>\$3,510,000</b>	<b>19 months</b>	<b>69 months</b>
			<b>1.6 years</b>	<b>5.8 years</b>

- SRF Overall Task Durations
- SRF Sub-Task Durations
- COP Durations
- COP Sub-Task Durations
- ◆ Project Completion



**10.C.2.**

**CURRENTLY PROPOSED CONSTRUCTION METER CHARGES,  
RATES & PROVISIONS**

**MONTHLY SERVICE CHARGE**

Construction meters will be charged a monthly service charge and metered monthly usage rates.

\$223.18 effective March 1, 2023  
\$241.03 effective January 1, 2024  
\$260.31 effective January 1, 2025  
\$275.93 effective January 1, 2026  
\$292.49 effective January 1, 2027

**METERED MONTHLY USAGE RATES**

(Rate per HCF)  
(All Usage)

\$7.33 effective March 1, 2023  
\$7.48 effective January 1, 2024  
\$7.64 effective January 1, 2025  
\$7.77 effective January 1, 2026  
\$7.91 effective January 1, 2027  
+ zone charge

**RECOMMENDED CONSTRUCTION METER CHARGES, RATES &  
PROVISIONS**

**MONTHLY SERVICE CHARGE**

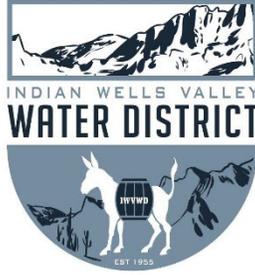
Construction meters will be charged a \$25 Meter Handling Service Charge, a monthly service charge and metered monthly usage rates.

\$25 + 34.87 effective March 1, 2023  
\$25 + 37.66 effective January 1, 2024  
\$25 + 40.67 effective January 1, 2025  
\$25 + 43.11 effective January 1, 2026  
\$25 + 45.70 effective January 1, 2027

**METERED MONTHLY USAGE RATES**

(Rate per HCF)  
(All Usage)

\$7.33 effective March 1, 2023  
\$7.48 effective January 1, 2024  
\$7.64 effective January 1, 2025  
\$7.77 effective January 1, 2026  
\$7.91 effective January 1, 2027  
+ zone charge



**10.D.1.**

**Notification of Nominations – 2023 Election  
SDRMA Board of Directors**

January 18, 2023

Mr. Charles Griffin  
President  
Indian Wells Valley Water District  
Post Office Box 1329  
Ridgecrest, California 93556-1329

Dear Mr. Griffin: \_\_\_\_\_

Notice of Nominations for the Special District Risk Management Authority (SDRMA) Board of Directors 2023 Election is being provided in accordance with the SDRMA Sixth Amended and Restated Joint Powers Agreement. The following nomination information has been posted to the SDRMA website: Nomination Packet Checklist, Board of Director Fact Sheet, Nomination/Election Schedule, SDRMA Election Policy No. 2022-06, Sample Resolution for Candidate Nomination and Candidate Statement of Qualifications.

*General Election Information* - Three (3) Directors seats are up for election. The nomination filing deadline is Monday, May 1, 2023. Nomination submissions must be received by 4:30 pm at the SDRMA office on May 1, 2023, in original format with wet signatures. *Digital/Electronic signatures will not be accepted.* Ballots will be mailed to all SDRMA member agencies in mid-May. Mail-in ballots will be due Tuesday, August 8, 2023.

*Nominee Qualifications* - Nominees must be a member or the agency's governing body or full-time management employee (see SDRMA Election Policy 2022-06, Section 4.1) and be an active member agency of both SDRMA's property/liability and workers' compensation programs. Candidates must be nominated by resolution of their member agency's governing body and complete and submit a "Statement of Qualifications".

*Nomination Documents and Information* - Nomination documents (Nominating Resolution and Candidates Statement of Qualifications) and nomination guideline information may be obtained on SDRMA's website at [www.sdrma.org](http://www.sdrma.org). To obtain documents electronically:

*From the SDRMA homepage, click on the "2023 Nomination & Election Information" button. All necessary nomination documents and election information may be downloaded and printed.*



*Nomination Filing Deadline* – Nomination documents must be received in SDRMA’s office no later than 5:00 P.M. on Monday, May 1, 2023.

Please do not hesitate to contact us [memberplus@sdrma.org](mailto:memberplus@sdrma.org) or 800-537-7790, if you have any questions regarding the 2023 SDRMA Board of Director Nominations or the election process.

Sincerely,  
Special District Risk Management Authority

A handwritten signature in blue ink, which appears to read 'Ellen Doughty', is placed below the typed name.

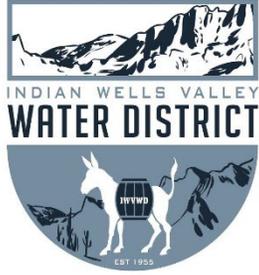
Ellen Doughty, ARM  
Chief Member Services Officer

## SDRMA BOARD OF DIRECTORS ROLE AND RESPONSIBILITIES

Special District Risk Management Authority (SDRMA) is a public entity Joint Powers Authority established to provide cost-effective property/liability, worker's compensation, health benefit coverages and comprehensive risk management programs for special districts and other public agencies throughout California. SDRMA is governed by a Board of Directors elected from the membership by the programs' members.

Number of Board Members	SDRMA Board of Directors consists of <b>seven Board Members</b> , who are elected at-large from members participating in both programs.
Board of Directors' Role	SDRMA Board of Directors provide effective governance by supporting a unified vision, ensuring accountability, and setting direction based on SDRMA's mission and purpose, as well as establishing and approving policy to ensure SDRMA meets its obligations and commitment to its members.
Board of Directors' Responsibilities	Board Member responsibilities include a commitment to: serve as a part of a unified governance body; govern within Board of Directors' policies, standards and ethics; commit the time and energy to be effective; represent and make policy decisions for the benefit, and in the best interest, of all SDRMA members; support collective decisions; communicate as a cohesive Board of Directors with a common vision and voice; and, operate with the highest standards of integrity and trust.
Three Seats For this Election	Elections for Directors are staggered and held every two years, four seats during one election and three seats in the following election. <b>Three seats are up for election this year.</b>
Term of Directors	Directors are elected for <b>four-year terms</b> . Terms for directors elected this election begin January 1, 2024 and end on December 31, 2027.
Board Member Travel Reimbursement	Board Members are reimbursed for reasonable travel and lodging in accordance with SDRMA Board Ordinance No. 2022-01 and applicable laws and are allowed to claim a stipend of \$235 per meeting day or for each day's service rendered as a Member of the Board.
Number of Meetings per Year	The Board meets from <b>seven to ten times annually</b> with an average of eight board meetings per year. Generally, the Board does not meet more than one meeting per month.
Meeting Location	SDRMA office in Sacramento, CA and at two conference locations.
Meeting Dates	Typically the first Wednesday and Thursday of the month.
Meeting Starting Times	Meetings are typically held <b>3:00 to 5:30 p.m. Wednesday</b> and <b>8:00 to 10:00 a.m. Thursday.</b>
Meeting Length	Meetings are <b>four to six hours</b> on average.
Average Time Commitment	Commitment per month ranges from <b>15 to 20 hours</b> .

*"The mission of Special District Risk Management Authority is to provide excellent risk financing and risk management services through a financially sound pool to California public agencies, delivered in a timely and responsive cost-efficient manner."*



**10.F.**

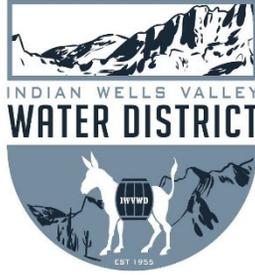
**2023 PAYMENT OF REPLENISHMENT FEE TO IWVGA**

Replenishment Fee \$2,130 per acre-ft

\$798,217 Carryover Credit

2022	Production (gals)	Acre-foot	% Production	Amount Import Required	Difference	Fee Due	Credit Due	Adjusted Fee with Credit
January	110,131,600	337.98	5.76%	85.11	252.87	\$181,284	-\$66,518	\$114,766
February	101,851,500	312.57	5.33%	78.71	233.86	\$167,654	-\$66,518	\$101,136
March	131,289,000	402.91	6.87%	101.46	301.45	\$216,110	-\$66,518	\$149,592
April	137,087,000	420.70	7.17%	105.94	314.76	\$225,654	-\$66,518	\$159,136
May	184,208,800	565.32	9.63%	142.36	422.96	\$303,219	-\$66,518	\$236,701
June	196,080,400	601.75	10.26%	151.53	450.22	\$322,761	-\$66,518	\$256,243
July	211,499,100	649.07	11.06%	163.45	485.62	\$348,141	-\$66,518	\$281,623
August	238,251,700	731.17	12.46%	184.12	547.05	\$392,177	-\$66,518	\$325,659
September	190,147,300	583.54	9.95%	146.95	436.59	\$312,995	-\$66,518	\$246,476
October	174,971,400	536.97	9.15%	135.22	401.75	\$288,014	-\$66,518	\$221,496
November	126,651,100	388.68	6.62%	97.88	290.80	\$208,476	-\$66,518	\$141,958
December	111,105,000	336.90	5.74%	84.84	252.06	\$180,704	-\$66,518	\$114,185
<b>Total</b>	<b>1,913,273,900</b>	<b>5,867.55</b>	<b>100.00%</b>	<b>1,477.6</b>	<b>4,390.00</b>	<b>\$3,147,188</b>	<b>-\$798,217</b>	<b>\$2,348,971</b>

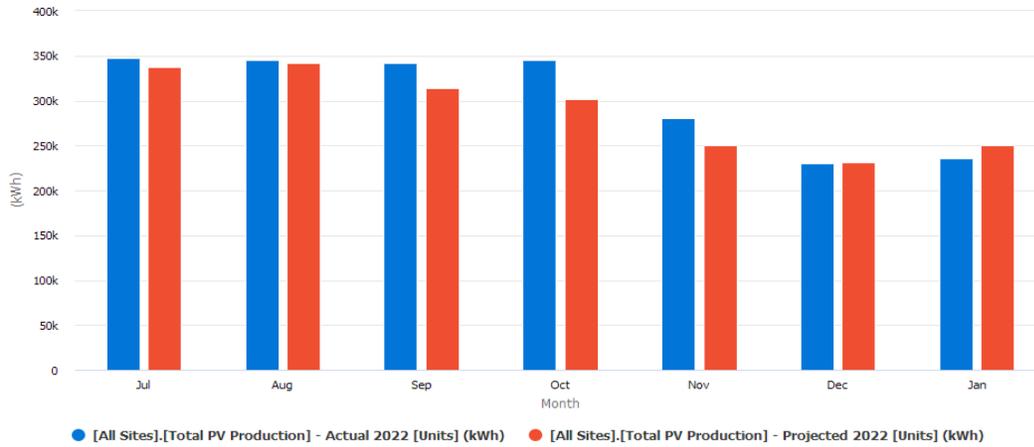
Federal Reserved Allocation	4,390.0 acre-foot	2021 Subject to Fee	1,852.3 Acre-foot
Subject to Fee	1,477.6 acre-foot	2022 Subject to Fee	1,477.6 Acre-foot
Monthly Avg. Needed	123.13 acre-foot	2022 Fees Paid	\$3,945,405
		2022 Fees Owed	\$3,147,188
		Difference	-\$798,217
		Monthly Credit	-\$66,518



**10.H.8.**

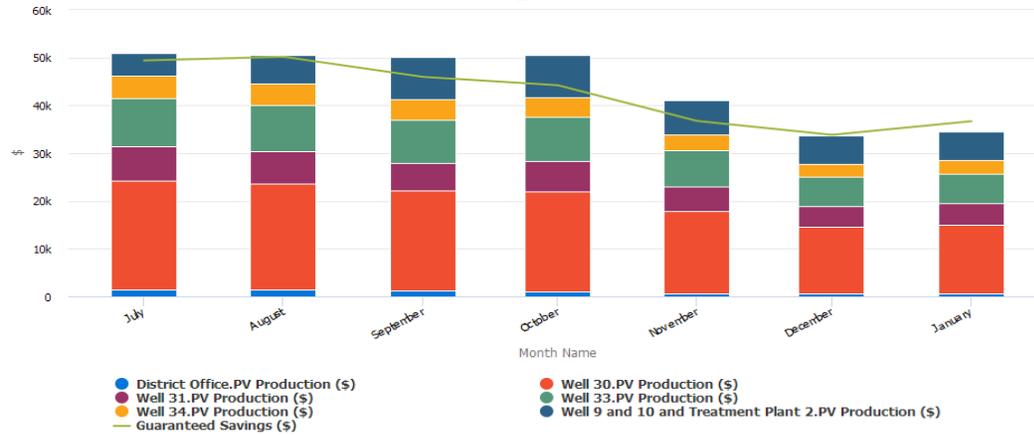
Monthly Photovoltaic Production and Energy Savings Report

Year to Date Actual Production Compared to Projected Production



Month	Total PV Production Actual (kWh)	Total PV Production Actual (Cumulative kWh)	Total PV Production Projected (kWh)	Total PV Production Projected (Cumulative kWh)	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	236,198.00	2,126,781.00	250,284.00	2,026,489.00	-14,086.00	-5.63	100,292.00	4.95

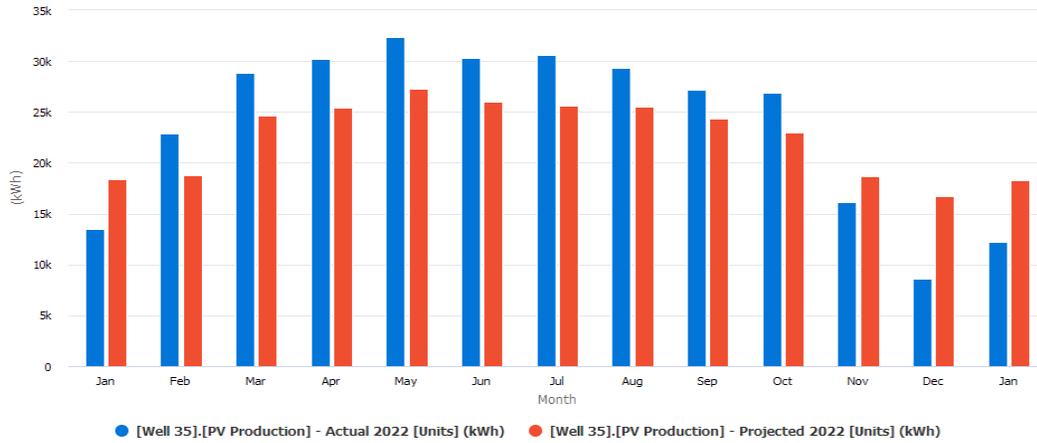
Performance Against Guarantee



From	District Office	Well 30	Well 31	Well 33	Well 34	Wells 9A & 10	Guaranteed Savings
7/1/22	\$1,525.46	\$22,793.83	\$7,057.20	\$10,064.88	\$4,720.96	\$4,873.94	\$49,393.18
8/1/22	\$1,354.46	\$22,244.20	\$6,864.58	\$9,652.70	\$4,494.66	\$6,039.27	\$50,171.57
9/1/22	\$1,170.60	\$21,020.99	\$5,812.05	\$9,073.10	\$4,147.64	\$8,842.55	\$45,969.77
10/1/22	\$989.96	\$21,019.21	\$6,416.02	\$9,197.21	\$4,156.20	\$8,802.92	\$44,224.95
11/1/22	\$713.82	\$17,062.09	\$5,215.00	\$7,571.66	\$3,385.90	\$7,223.22	\$36,739.56
12/1/22	\$570.84	\$13,945.26	\$4,289.40	\$6,162.03	\$2,759.22	\$5,968.49	\$33,826.04
1/1/23	\$610.83	\$14,439.10	\$4,397.89	\$6,284.41	\$2,826.25	\$6,049.85	\$36,682.25
	\$6,935.97	\$132,524.68	\$40,052.14	\$58,005.99	\$26,490.83	\$47,800.24	

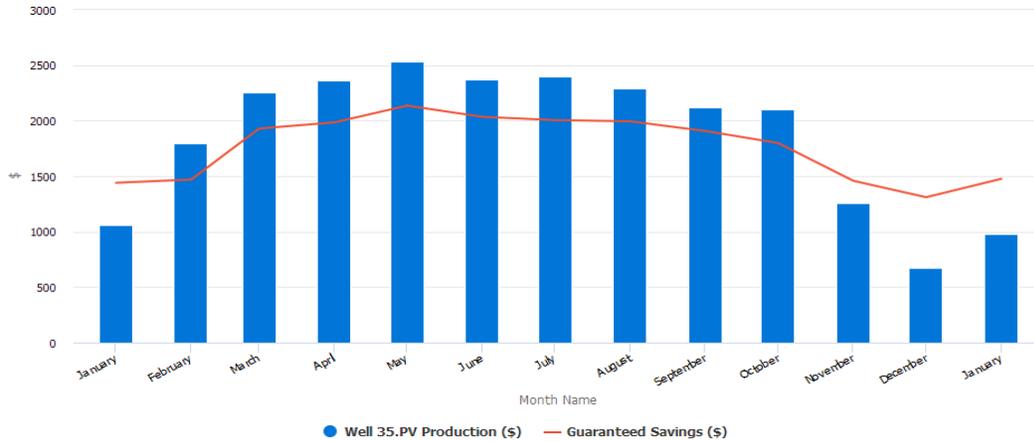
Actual January **\$34,608.33**  
 Guarantee **\$36,682.25**  
 Savings this Fiscal Year **\$311,509.86**

### Year to Date Actual Production Compared to Projected Production

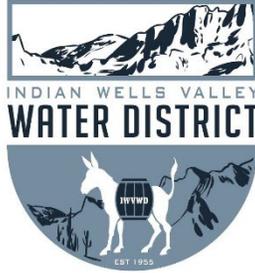


Month	Well 35 Production Actual (kWh)	Well 35 Production Actual Cumm. (kWh)	Well 35 Production (kWh) - Projected 2022	Well 35 Production Projected Cumm. (kWh)	Gross Variance	Relative Variance (%)	Cumulative Gross Variance	Cumulative Relative Variance (%)
Jan	13,496.48	13,496.48	18,415.00	18,415.00	-4,918.52	-26.71	-4,918.52	-26.71
Feb	22,916.40	36,412.88	18,787.00	37,202.00	4,129.40	21.98	-789.12	-2.12
Mar	28,828.46	65,241.34	24,669.00	61,871.00	4,159.46	16.86	3,370.34	5.45
Apr	30,221.42	95,462.76	25,373.00	87,244.00	4,848.42	19.11	8,218.76	9.42
May	32,372.71	127,835.47	27,308.00	114,552.00	5,064.71	18.55	13,283.47	11.60
Jun	30,274.37	158,109.84	26,018.00	140,570.00	4,256.37	16.36	17,539.84	12.48
Jul	30,613.00	188,722.84	25,642.00	166,212.00	4,971.00	19.39	22,510.84	13.54
Aug	29,302.03	218,024.87	25,500.00	191,712.00	3,802.03	14.91	26,312.87	13.73
Sep	27,154.35	245,179.22	24,383.00	216,095.00	2,771.35	11.37	29,084.22	13.46
Oct	26,873.56	272,052.78	22,999.00	239,094.00	3,874.56	16.85	32,958.78	13.78
Nov	16,107.94	288,160.72	18,646.00	257,740.00	-2,538.06	-13.61	30,420.72	11.80
Dec	8,564.25	296,724.97	16,752.00	274,492.00	-8,187.75	-48.88	22,232.97	8.10
Jan	12,205.12	308,930.09	18,323.00	292,815.00	-6,117.88	-33.39	16,115.09	5.50

### Performance Against Guarantee



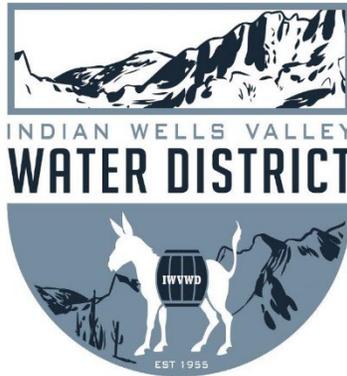
From	Well 35 Production (\$)	Guaranteed Savings (\$)
1/1/22	\$1,055.42	\$1,440.03
2/1/22	\$1,792.06	\$1,469.12
3/1/22	\$2,254.39	\$1,929.09
4/1/22	\$2,363.32	\$1,984.14
5/1/22	\$2,531.55	\$2,135.46
6/1/22	\$2,367.46	\$2,034.58
7/1/22	\$2,393.94	\$2,005.18
8/1/22	\$2,291.42	\$1,994.07
9/1/22	\$2,123.47	\$1,906.73
10/1/22	\$2,101.51	\$1,798.50
11/1/22	\$1,259.64	\$1,458.10
12/1/22	\$669.72	\$1,310.00
1/1/23	\$982.51	\$1,475.78
	\$24,186.41	\$22,940.78



**10.H.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				
Mar-23				
Apr-23				
May-23				
Jun-23				
Jul-23				
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	14	14	5	1
TOTAL	1263	1250	124	29
TOTAL PENALTIES BILLED				\$2,900
TOTAL PENALTIES COLLECTED				\$2,550



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**