

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

Ridgecrest City Hall 100 W California Ave., Ridgecrest, CA 93555 760-499-5002

BOARD OF DIRECTORS

A G E N D A

Wednesday, October 12, 2022

Closed Session – 10:00 a.m.

Open Session – No earlier than 11:00 a.m.

NOTICE: *In accordance with the evolving public health declarations, we will continue to provide live stream video for those wishing to participate virtually. Please see the Public Comment Notice below for detailed instructions on submitting public comment as well as websites for livestream broadcasting. Telephonic participation by members of the Board and staff is expected.*

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 April Keigwin at (805) 764-5452. Requests must be made as early as possible and at least one full business day before the start of the meeting. Documents and material relating to an open session agenda items that are provided to the IWVGA Board of Directors prior to a regular meeting will be available for public inspection and copying at Ridgecrest City Hall, 100 W California Ave, Ridgecrest, CA 93555, or online at <https://iwvga.org/>.

Statements from the Public

The public will be allowed to address the Board during Public Comments about subjects within the jurisdiction of the IWVGA Board and that are NOT on the agenda. No action may be taken on off-agenda items unless authorized by law. Questions posed to the Board may be answered after the meeting or at future meeting. Dialog or extended discussion between the public and the Board or staff will be limited in accordance with the Brown Act. All Public Comment portions of the meeting shall be limited to three (3) minutes per speaker. Each person is limited to one comment during Public Comments.

1. CALL TO ORDER

2. ADOPTION OF AGENDA AND AB 361 FINDING

3. PUBLIC COMMENT ON CLOSED SESSION

4. CLOSED SESSION

- CONFERENCE WITH REAL PROPERTY NEGOTIATIONS –
(Government Code Section 54956.8) - Property: Jackson Ranch - Kings County
Assessor's Parcel Numbers 048-010-016, 048-010-018, and 048-020-030; Agency
Negotiator: Capitol Core Group; Negotiating Parties: Various; Under Negotiation: Price
and terms of payment.
- CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION
(Government Code Section 54956.9(d)(1)): IWVGA v. Inyokern CSD – Kern County
Superior Court BCV-22-100281

- CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION
(Government Code Section 54956.9(d)(1) - Name of case: Searles Valley Minerals Inc v. Indian Wells Valley Groundwater Authority, et. al. - Orange County Superior Court 30-2022-01239487-CU-MC-CJC

- CONFERENCE WITH LEGAL COUNSEL- EXISTING LITIGATION
(Government Code Section 54956.9(d)(1) - Name of case: Mojave Pistachios, LLC, a California limited liability company, et.al. v. Indian Wells Valley Groundwater Authority, a California Joint Powers Authority, et. al. - Orange County Superior Court 30-2022-0139479-CU-MC-CJC

5. OPEN SESSION – No earlier than 11:00 a.m.

- a. Report on Closed Session
- b. Pledge of Allegiance
- c. Roll Call

6. PUBLIC COMMENT

This time is reserved for the public to address the Board about matters NOT on the agenda. No action will be taken on non-agenda items unless authorized by law. Comments are limited to three minutes per person.

7. BOARD MEMBER COMMENTS

This time is reserved for comments by Board members and/or staff and to identify matters for future Board business.

8. CONSENT AGENDA

- a. Approve Minutes of Board Meeting September 14, 2022
- b. Approve Expenditures

**To view itemized invoices please visit <https://iwvga.org/iwvga-meetings>*

- i. \$86,805.86 – Stetson Engineers
- ii. \$22,512.50 – Regional Government Services – (Replenishment / Extraction)
- iii. \$15,650.00 – Capitol Core Group – (Replenishment)
- iv. \$14,622.84 – California Rural Water Association (SDAC)

9. RESOLUTION 06-22 AUTHORIZING STAFF TO EXECUTE A LEASE AGREEMENT WITH THE STATE OF CALIFORNIA FOR MONITORING WELL ACCESS

10. RESOLUTION 07-22 APPROVING AGREEMENT WITH AVEK FOR PIPELINE ALIGNMENT STUDY SUPPORT AND DEPOSIT

11. APPROVAL OF LETTER TO AVEK RE IMPORTED WATER CONNECTION

12. RESOLUTION 08-22 APPROVING URBAN COMMUNITY DROUGHT RELIEF PROGRAM APPLICATION

13. SHALLOW WELL IMPACT MITIGATION PROGRAM UPDATE

14. REVIEW AND POTENTIAL ADOPTION OF CY 2023 BUDGET

15. WATER RESOURCES MANAGER REPORT

- a. Grant Funding
 - i. Proposition 1
 - ii. Proposition 68
 - iii. SGMA Implementation Project Grant Funds
- b. GSP Implementation Projects/Management Action Updates
 - i. Recycled Water Program
 - ii. Bureau of Reclamation Grant Funding Feasibility Study
- c. Miscellaneous Items
 - i. Data Collection and Monitoring
 - ii. IWVGA Basin Model Configuration Management Plan
 - iii. Rose Valley Subflow Update

16. GENERAL MANAGER'S REPORT

- a. Monthly Financial Report
- b. Report on IWVGA's Water Marketer (Capitol Core Group)
- c. Severely Disadvantaged Communities (SDAC) Update
- d. Communication and Engagement Plan Update

17. PAC/TAC REPORT

18. DATE OF NEXT MEETING – November 9, 2022

19. ADJOURN

PUBLIC COMMENT NOTICE

On September 16, 2021, Governor Newsom signed into law Assembly Bill 361, relating to the convening of public meetings in light of the COVID-19 pandemic. At this time, the Indian Wells Valley Groundwater Authority is continuing to hold board meetings in order to conduct essential business. IWVGA meetings will be open to the public for physical attendance; However, for those who wish to continue using virtual alternatives please follow the directions below for access to live stream video as well as ways to submit public comment.

- **Watch meetings on-line:**

All of our meetings are streamed live at <https://ridgecrest-ca.gov/369/Watch> (4 second streaming delay) or on YouTube at <https://www.youtube.com/cityofridgecrest/live> (22 second streaming delay) and are also available for playback after the meeting.

- **Call in for public comments:**

If you wish to make verbal comment, *please call (760) 499-5010*. This phone line will allow only one caller at a time, so if the line is busy, please continue to dial. We will be allowing a 20-30 second pause between callers to give time for media delays and callers to dial in. Due to media delays, please mute your streaming device while making public comment. If you wish to comment on multiple items, you will need to call in as each item is presented.

*Please Note – This process will be a learning curve for all, *please be patient*.

- **Submit written comments:**

We encourage submittal of written comments supporting, opposing, or otherwise commenting on an agenda item, for distribution to the Board prior to the meeting. Send emails to akeigwin@rgs.ca.gov written correspondence may be sent to April Keigwin, Clerk of the Board, 100 W. California Ave., Ridgecrest, CA 93555. Please specify to which agenda item your comment relates.

- **Large Groups:**

If you are part of a large group that would like to comment on an agenda item, please consider commenting in writing. This will be as impactful to the Board as having a large group in attendance.

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INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

City of Ridgecrest, Indian Wells Valley Water District, Inyo County, Kern County, San Bernardino County

BOARD OF DIRECTORS MEETING MINUTES Wednesday, September 14, 2022

IWVGA Members Present:

Chairman Phillip Peters, Kern County	Carol Thomas-Keefer, IWVGA General Manager
Scott Hayman, City of Ridgecrest	Keith Lemieux, Legal Counsel
Stan Rajtora, IWVWD	Steve Johnson, Stetson Engineers
John Vallejo, Inyo County	Commander Benjamin Turner, US Navy, DoD Liaison
Tim Itnyre, San Bernardino County	April Keigwin, Clerk of the Board
Thomas Bickauskas, Bureau of Land Management	

Attending via teleconference is Tim Itnyre, John Vallejo, Steve Johnson, and April Keigwin.

Meeting recording and public comment letters submitted are made available at:

<https://iwvga.org/iwvga-meetings/>

1. CALL TO ORDER:

Chairman Peters calls the meeting to order at 10:01 a.m.

2. ADOPTION OF AGENDA AND AB-361 FINDING:

Motion made by Scott Hayman and seconded by John Vallejo to make a finding that health and safety risks as stated in AB-361 are still of concern.

Motion carries by the following roll call vote:

Chairman Peters	Aye
Vice Chair Hayman	Aye
Director Itnyre	Aye
Director Rajtora	Aye
Director Vallejo	Aye

3. PUBLIC COMMENT ON CLOSED SESSION:

None.

Chairman Peters calls the meeting into Closed Session at 10:03 a.m.

4. CLOSED SESSION:

- CONFERENCE WITH REAL PROPERTY NEGOTIATIONS –
(Government Code Section 54956.8) - Property: Jackson Ranch - Kings County Assessor's Parcel Numbers 048-010-016, 048-010-018, and 048-020-030; Agency Negotiator: Capitol Core Group; Negotiating Parties: Various; Under Negotiation: Price and terms of payment.
- CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION
(Government Code Section 54956.9(c)): IWVGA v. Inyokern CSD
- CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION
(Government Code Section 54956.9(d)(1)) - Name of case: Searles Valley Minerals Inc v. Indian Wells

Valley Groundwater Authority, et. al. - Orange County Superior Court 30-2022-01239487-CU-MC-CJC

- CONFERENCE WITH LEGAL COUNSEL- EXISTING LITIGATION
(Government Code Section 54956.9(d)(1) - Name of case: Mojave Pistachios, LLC, a California limited liability company, et.al. v. Indian Wells Valley Groundwater Authority, a California Joint Powers Authority, et. al. - Orange County Superior Court 30-2022-0139479-CU-MC-CJC

Closed Session adjourns at 11:08 a.m.

5. OPEN SESSION – No earlier than 11:00 a.m.

Meeting reconvenes into Open Session at 11:10 a.m.

- Report on Closed Session – Counsel Lemieux reports no action was taken that would require disclosure under The Brown Act.
- Pledge of Allegiance is led by Chairman Peters
- Roll Call

Chairman Peters	Present
Vice Chair Hayman	Present
Director Itnyre	Present
Director Rajtora	Present
Director Vallejo	Present

6. PUBLIC COMMENT:

The Board hears public comment from Judie Decker, Renee Westa-Lusk, Mike Neel and Elaine Mead.

7. BOARD MEMBER COMMENTS:

Chairman Peters questions status of 2021 audit. Carol Thomas-Keefer responds the audit should be available at the November meeting.

Commander Turner encourages the board to submit projects for future funding.

8. CONSENT AGENDA:

- Approve Minutes of Board Meeting August 10, 2022
- Approve Expenditures

**To view itemized invoices please visit <https://iwvga.org/iwvga-meetings>*

- \$75,087.62 – Stetson Engineers
- \$29,221.58 – Regional Government Services – (Replenishment / Extraction)
- \$13,912.50 – Capitol Core Group – (Replenishment)
- \$7,000.00 – Brown Armstrong – (Replenishment / Extraction)
- \$125,000.00 – Repayment to Kern County
- \$3,966.16 – PackWrap – (Extraction)

Motion made by Scott Hayman and seconded by John Vallejo to approve Minutes of Board Meeting August 10, 2022, and the following expenditures in the amount of, \$75,087.62 to Stetson Engineers, \$29,221.58 to Regional Government Services, \$13,912.50 to Capitol Core Group, \$7,000.00 to Brown Armstrong, \$125,000.00 to Kern County, and \$3,966.16 to PackWrap.

Motion carries by the following roll call vote:

Chairman Peters	Aye
Vice Chair Hayman	Aye
Director Itnyre	Aye
Director Rajtora	Aye
Director Vallejo	Aye

9. UPDATE ON WATER RIGHTS FINANCING/POTENTIAL FINANCING OFFER:

Carol Thomas-Keefer provides staff report (document made available on the IWVGA website).

10. WATER RESOURCES MANAGER REPORT:

Steve Johnson, Jeff Helsley, Mayra Lopez and Jean Moran provide presentations on the following grants/programs (documents made available on the IWVGA website):

- a. Grant Funding
 - i. Proposition 1
 - ii. Proposition 68
 - iii. SGMA Implementation Project Grant Funds
- b. GSP Implementation Projects/Management Action Updates
 - i. Recycled Water Program
 - ii. Bureau of Reclamation Grant Funding Feasibility Study
- c. Miscellaneous Items
 - i. Data Collection and Monitoring
 - ii. IWVGA Basin Model Configuration Management Plan
 - iii. Groundwater Dependent Ecosystems (GDE) Update
 - iv. Rose Valley Subflow Update

The Board hears public comment from Renee Westa-Lusk.

11. GENERAL MANAGER'S REPORT:

Carol Thomas-Keefer provides the Monthly Financial Report, Technical Memorandum from Capitol Core Group, and Communication and Engagement Plan update (documents made available on the IWVGA website).

12. PAC/TAC REPORTS:

Dave Janiec provides verbal update on PAC progress.

The Board hears public comment from Judie Decker.

13. DATE OF NEXT MEETING – October 12, 2022

14. ADJOURN:

Chairman Peters adjourns the meeting at 12:30 p.m. on September 14, 2022.

Respectfully submitted,

April Keigwin
Clerk of the Board
Indian Wells Valley Groundwater Authority

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Invoice

City of Ridgecrest
 Attn: Alan Christensen
 100 W. California Ave.
 Ridgecrest, CA 93555

Invoice Number: 2652-61
Invoice Date: 09/28/22

Project #: 2652 **Indian Wells Valley Groundwater Authority**

Professional Services through 8/31/2022

Water Resources Management 2022

01 - Meetings & Prep

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	9.00	\$237.00	\$2,133.00
Supervisor I	16.50	\$206.00	\$3,399.00
Associate I	1.00	\$122.00	\$122.00
Assistant I	8.25	\$98.00	\$808.50
<i>Professional Services Subtotal:</i>			<u>\$6,462.50</u>
Reimbursables			<u>Charge</u>
Lodging			\$182.35
Meals			\$43.00
Mileage			\$203.13
Reproduction			\$6.60
<i>Reimbursables Subtotal:</i>			<u>\$435.08</u>
<i>Meetings & Prep Subtotal:</i>			<u>\$6,897.58</u>

02 - Prop 1 / Prop 68 Grant Administration

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	6.00	\$237.00	\$1,422.00
Supervisor I	0.75	\$206.00	\$154.50
Senior Associate	21.00	\$128.00	\$2,688.00
Associate III	0.50	\$111.00	\$55.50
Assistant I	8.00	\$98.00	\$784.00
<i>Professional Services Subtotal:</i>			<u>\$5,104.00</u>
<i>Prop 1 / Prop 68 Grant Administration Subtotal:</i>			<u>\$5,104.00</u>

03 - Grant Review & Application Preparation

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	0.25	\$206.00	\$51.50
Senior Associate	2.00	\$128.00	\$256.00
<i>Professional Services Subtotal:</i>			<u>\$307.50</u>
<i>Grant Review & Application Preparation Subtotal:</i>			<u>\$307.50</u>

04 - Data Mgmt System Support

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate I	26.75	\$122.00	\$3,263.50
<i>Professional Services Subtotal:</i>			<u>\$3,263.50</u>
Reimbursables			<u>Charge</u>



04 - Data Mgmt System Support

Reimbursables

	<u>Charge</u>
Data	\$632.67

Reimbursables Subtotal: \$632.67

Data Mgmt System Support Subtotal: \$3,896.17

05 - General Project Mgmt

Professional Services

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	3.50	\$237.00	\$829.50
Supervisor I	2.25	\$206.00	\$463.50
Senior Associate	1.50	\$128.00	\$192.00
Associate III	1.00	\$111.00	\$111.00

Professional Services Subtotal: \$1,596.00

General Project Mgmt Subtotal: \$1,596.00

06 - Model Transfer & Upgrade

Professional Services

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	35.75	\$206.00	\$7,364.50
Supervisor II	18.50	\$191.00	\$3,533.50
GIS Manager	1.25	\$122.00	\$152.50
Senior Assistant	1.50	\$103.00	\$154.50

Professional Services Subtotal: \$11,205.00

Reimbursables

	<u>Charge</u>
Car Rental	\$422.42
Field Supplies	\$28.55
Lodging	\$151.79
Meals	\$37.88

Reimbursables Subtotal: \$640.64

Sub-Contractors

	<u>Charge</u>
Board of Regents	\$6,547.47

Sub-Contractors Subtotal: \$6,547.47

Model Transfer & Upgrade Subtotal: \$18,393.11

07 - Imported Water: Engineering & Analysis

Professional Services

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	8.75	\$206.00	\$1,802.50
Assistant I	27.25	\$98.00	\$2,670.50

Professional Services Subtotal: \$4,473.00

Imported Water: Engineering & Analysis Subtotal: \$4,473.00

09 - Recycled Water

Professional Services

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	6.75	\$206.00	\$1,390.50
Assistant I	10.00	\$98.00	\$980.00

Professional Services Subtotal: \$2,370.50

Recycled Water Subtotal: \$2,370.50

11 - Data Collection, Monitoring & Data Gaps

Professional Services

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	18.50	\$206.00	\$3,811.00
Senior II	3.00	\$149.00	\$447.00



11 - Data Collection, Monitoring & Data Gaps

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate I	34.50	\$122.00	\$4,209.00
GIS Manager	11.75	\$122.00	\$1,433.50
Senior Assistant	19.25	\$103.00	\$1,982.75
GIS Specialist I	2.00	\$101.00	\$202.00
<i>Professional Services Subtotal:</i>			<u>\$12,085.25</u>
Reimbursables			<u>Charge</u>
Data			\$1,369.80
<i>Reimbursables Subtotal:</i>			<u>\$1,369.80</u>
Sub-Contractors			<u>Charge</u>
Horizon Environmental, Inc.			\$378.00
<i>Sub-Contractors Subtotal:</i>			<u>\$378.00</u>
<i>Data Collection, Monitoring & Data Gaps Subtotal:</i>			<u>\$13,833.05</u>

12 - Prop 1 SDAC Program Support

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	1.75	\$206.00	\$360.50
Senior Associate	1.00	\$128.00	\$128.00
Assistant I	11.50	\$98.00	\$1,127.00
<i>Professional Services Subtotal:</i>			<u>\$1,615.50</u>
<i>Prop 1 SDAC Program Support Subtotal:</i>			<u>\$1,615.50</u>

15 - TSS: El Paso Well Drilling Support

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	3.50	\$206.00	\$721.00
Associate I	4.50	\$122.00	\$549.00
<i>Professional Services Subtotal:</i>			<u>\$1,270.00</u>
<i>TSS: El Paso Well Drilling Support Subtotal:</i>			<u>\$1,270.00</u>

16 - TSS: General Coordination/Application Support

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Associate I	2.50	\$122.00	\$305.00
<i>Professional Services Subtotal:</i>			<u>\$305.00</u>
<i>TSS: General Coordination/Application Support Subtotal:</i>			<u>\$305.00</u>

17 - Navy/Coso Royalty Fund: Develop FY23 Projects & Secure Funding

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	3.50	\$237.00	\$829.50
Supervisor I	1.25	\$206.00	\$257.50
<i>Professional Services Subtotal:</i>			<u>\$1,087.00</u>
<i>Navy/Coso Royalty Fund: Develop FY23 Projects & Secure Funding Subtotal:</i>			<u>\$1,087.00</u>

18 - Navy/Coso Royalty Fund: FY21 Rose Valley MW Permitting, Bid Doc Support & D

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	1.50	\$206.00	\$309.00
Supervisor II	3.50	\$191.00	\$668.50
<i>Professional Services Subtotal:</i>			<u>\$977.50</u>
Reimbursables			<u>Charge</u>
Data			\$1,081.20
<i>Reimbursables Subtotal:</i>			<u>\$1,081.20</u>



Navy/Coso Royalty Fund: FY21 Rose Valley MW Permitting, Bid Doc Support & Dr \$2,058.70

20 - Shallow Well Mitigation Program: Outreach & Impacts Evaluation

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	8.00	\$237.00	\$1,896.00
Supervisor I	11.25	\$206.00	\$2,317.50
Senior Associate	2.00	\$128.00	\$256.00
GIS Manager	0.50	\$122.00	\$61.00
Senior Assistant	2.00	\$103.00	\$206.00
Assistant I	6.50	\$98.00	\$637.00
<i>Professional Services Subtotal:</i>			\$5,373.50

Shallow Well Mitigation Program Outreach & Impacts Evaluation Subtotal: \$5,373.50

21 - General Engineering

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	9.50	\$237.00	\$2,251.50
Supervisor I	3.50	\$206.00	\$721.00
Associate I	1.25	\$122.00	\$152.50
<i>Professional Services Subtotal:</i>			\$3,125.00

General Engineering Subtotal: \$3,125.00

23 - Annual Report Preparation

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	2.50	\$237.00	\$592.50
Supervisor I	5.00	\$206.00	\$1,030.00
Supervisor II	26.00	\$191.00	\$4,966.00
Senior Associate	3.00	\$128.00	\$384.00
GIS Manager	7.50	\$122.00	\$915.00
Senior Assistant	25.75	\$103.00	\$2,652.25
<i>Professional Services Subtotal:</i>			\$10,539.75

Annual Report Preparation Subtotal: \$10,539.75

25 - Allocation Plan & Rules & Regs on Pumping/Restrictions

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	1.00	\$206.00	\$206.00
<i>Professional Services Subtotal:</i>			\$206.00

Allocation Plan & Rules & Regs on Pumping/Restrictions Subtotal: \$206.00

26 - Budget Support

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	2.75	\$206.00	\$566.50
Senior Associate	2.50	\$128.00	\$320.00
<i>Professional Services Subtotal:</i>			\$886.50

Budget Support Subtotal: \$886.50

27 - Litigation Support

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	9.00	\$237.00	\$2,133.00
Supervisor I	5.00	\$206.00	\$1,030.00
Associate I	2.50	\$122.00	\$305.00
<i>Professional Services Subtotal:</i>			\$3,468.00



Project #: 2652

Invoice No: 2652-61

September 28, 2022

Page 5

<i>Litigation Support Subtotal:</i>	<u>\$3,468.00</u>
<i>Water Resources Management 2022 Subtotal:</i>	<u>\$86,805.86</u>
*** Invoice Total ***	<u>\$86,805.86</u>

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Invoice

PO Box 1350
Carmel Valley, CA 93924

Date	Invoice #
8/31/2022	13929

Bill To:
Indian Wells Valley Groundwater Authority
100 W California Ave
Ridgecrest, CA 93555

P.O. No.	Due Date	Inv Sent
	9/30/2022	9/21/2022

Date	Description	Amount
8/31/2022	Contract Services for August - please see attached	22,212.50
Total		\$22,212.50

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PO Box 1350
Carmel Valley, CA 93924

Invoice

Date	Invoice #
8/31/2022	14028

Bill To:

Indian Wells Valley Groundwater Authority
100 W California Ave
Ridgecrest, CA 93555

P.O. No.	Due Date	Inv Sent
	10/15/2022	9/28/2022

Date	Description	Amount
8/31/2022	Reimbursable Expenses for City of Ridegecrest Monthly Rent (\$300) - please see attached	300.00

		Total	\$300.00
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Capitol Core Group, Inc.
 205 Cartwheel Bend (Operations Dept.)
 Austin, TX 78738 US
 512.568.3084
 operations@capitolcore.com
 www.capitolcore.com

BILL TO

Indian Wells Valley Groundwater
 Authority
 500 West Ridgecrest Blvd.
 Ridgecrest, California 93555
 USA

INVOICE 2022-048

DATE 10/03/2022 **TERMS** Net 45

DUE DATE 11/17/2022

VENDOR ID
195953

INVOICE PERIOD
September 2022

DATE	ACCOUNT SUMMARY	AMOUNT
09/02/2022	Balance Forward	13,912.50
	Other payments and credits after 09/02/2022 through 10/02/2022	0.00
10/03/2022	Other invoices from this date	0.00
	New charges (details below)	15,650.00
	Total Amount Due	29,562.50

ACTIVITY	HOURS	RATE	AMOUNT
Charges			
Task 1: Identify and Secure Water Supplies			
Government Relations: Intergovernmental Affairs	2.25	250.00	562.50
Subtask 1A: Jackson Ranch various internal meetings follow-up and review {McKinney}			
Government Relations: Intergovernmental Affairs	3.50	250.00	875.00
Task 1A: Negotiations with Jackson Ranch {Tatum}			
Government Relations: Intergovernmental Affairs	3	250.00	750.00
Task 1B: Connection Agreements, Storage and Transfer {Tatum}			
Government Relations: Intergovernmental Affairs	3	250.00	750.00
Task 1C: Regulatory Approvals re: Item 1A {Tatum}			
Government Relations: Intergovernmental Affairs	6.75	225.00	1,518.75
Task 1A: Jackson Ranch Transaction {Simonetti}			
Government Relations: Intergovernmental Affairs	3	225.00	675.00
Task 1B: AVEK Updated Materials {Simonetti}			
Government Relations: Intergovernmental Affairs	2.75	225.00	618.75
Task 1D: 2022 Water Supplies {Simonetti}			
Invoice Total Task 1: \$5,750.00 (24 hours)			
Task 2: Secure Federal Funding			
Government Relations: Federal	1.25	250.00	312.50
Agency: DHS/CISA -- Cybersecurity Grant Analysis and Memorandum (City of Ridgecrest) {McKinney}			

ACTIVITY	HOURS	RATE	AMOUNT
Government Relations:Federal Congressional: NDAA2023 DCIP Amendment -- Senate Committee markup and amendment (Wastewater Treatment Plant) {McKinney}	2	250.00	500.00
Government Relations:Federal Congressional: NDAA Senate Floor Amendments and Advocacy {Simonetti}	2.50	225.00	562.50
Government Relations:Federal Congressional: F/up w/ Rep. McCarthy's office re: NDAA/WRDA-22 {Simonetti}	1	225.00	225.00
Invoice Total Task 2: \$1,600.00 (6.75 hours)			
Task 3: Secure State Funding			
Government Relations:California Agency: DWR -- Urban Community Drought Relief Program: Various activities {McKinney}	6.50	250.00	1,625.00
Government Relations:California Executive: Recap of Water Legislation 2023 (split) {McKinney}	1.50	250.00	375.00
Government Relations:California Agency: Well Mitigation Plan Call (internal){Tatum}	1	250.00	250.00
Government Relations:California Legislative/Agency: Well Mitigation Plan {Simonetti}	3	225.00	675.00
Government Relations:California Legislative: LAO State Budget (Water) FY2022-2023 Remaining Amounts (conf. call) {Simonetti}	2.50	225.00	562.50
Government Relations:California Agency: DWR Scoping Meetings re: SGMA-IP R-2 and UCDRGP {Simonetti}	2	225.00	450.00
Invoice Total Task 3: \$3,937.50 (16.5 hours)			
Task 4: Administrative			
Administrative Milestone Reporting: FY2023 Budget and Legislative Agenda Development {McKinney}	4	250.00	1,000.00
Administrative Board Meeting: September Board Meeting {McKinney}	2.50	250.00	625.00
Administrative Reporting: FY2023 Water Marketing Budget Review {Tatum}	2	250.00	500.00
Administrative Board Meetings: September Board Meeting {Tatum}	3	250.00	750.00
Administrative Reporting: 2023 Work Plan Water Marketing {Tatum}	1	250.00	250.00
Administrative Board Meetings, Internal Staff Calls {Simonetti}	5.50	225.00	1,237.50
Invoice Total Task 4: \$4,362.50 (18 hours)			

Regulatory Compliance Notes:			
3rd Quarter Lobbying Disclosures are due to the CA SOS by 10/30/2022			
Federal: Reportable Amount on Invoice IWVGA: \$225.00			
Federal: Reportable Amount Q-3 IWVGA: \$4,637.50			

ACTIVITY	HOURS	RATE AMOUNT
Federal: Reportable Amount on Invoice City of Ridgecrest: \$1,375.00		
Federal: Reportable Amount Q3 City of Ridgecrest:\$1,825.00		
California: Reportable Amount on Invoice IWVGA: \$3,937.50		
California: Reportable Amount Q3 IWVGA: \$8,400.00		
California: Reportable Amount on Invoice City of Ridgecrest: \$0.00		
California: Reportable Amount Q3 City of Ridgecrest: \$1,612.50		

Thank you for your business. Please make checks payable to
 Capitol Core Group, Inc.

TOTAL OF NEW CHARGES 15,650.00

TOTAL DUE \$29,562.50

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California Rural Water Association

California Rural Water Association
 Task #6 Additional Conservation and Drought Mngmt Planning
 August 2022

INVOICE

To: Indian Wells Valley Groundwater Authority
 Attn: Carol Thomas-Keefer
 500 W. Ridgecrest Blvd
 Ridgecrest CA, 93555

Invoice #: IWVGA-Task#6-005
Invoice Date: 9/15/2022
Terms: Net 30 Days

Pay: California Rural Water Association
 1234 North Market Blvd.
 Sacramento, CA 95834

Project Name: IWVGA Task #6 Agreement 03-19 Addendum No. 1

IWVGA-Searles Valley Water District			
Work Plan/AR #	Description of work	Date	Cost
Task 6	Admin and project support	Invoice period	\$ 588.75
Task 6	Technician Admin/Onsite	Invoice period	\$ 1,624.30
Travel Expenditures			
Name	Description of Travel	Cost	
	N/A		
Equipment			
Name	Description of Equipment	Cost	
R1 GNSS RECEIVER BELT POUCH	Leak Detection Equipment	\$	129.30
INVOICE TOTAL:			\$ 2,342.35

Submitted by:
 Dustin Hardwick, Deputy Director
 California Rural Water Association

Signature

9/15/2022

Date

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California Rural Water Association

California Rural Water Association
RSDAC Work Plan Narrative Report Completion

INVOICE

To: Indian Wells Valley Groundwater Authority
Attn: Don Zdeba
500 W. Ridgecrest Blvd
Ridgecrest CA, 93555

Invoice #: RSDAC-FSLD-A-2-001
Invoice Date: 10/6/2022
Terms: Net 30 Days

Pay: California Rural Water Association
1234 North Market Blvd.
Sacramento, CA 95834

Project Name: IWVGA Work Plan RSDAC-FSLD-A

IWVGA-Inyokern CSD			
Work Plan/AR #	Description of work	Date	Cost
RSDAC-FSLD-A-2	Admin Staff	Invoice period	\$ 717.00
RSDAC-FSLD-A-2	On-Site Leak Detection	Invoice period	\$ 7,692.50
RSDAC-FSLD-A-2	Travel Hours	Invoice period	\$ 1,763.52
Travel Expenditures			
Name	Description of Travel	Cost	
Michael Sims	Milage, Meals, Lodging	\$	1,207.50
Abel Silva	Milage, Meals, Lodging	\$	337.50
Mark Hardison	Milage, Meals, Lodging	\$	562.50
Equipment			
Name	Description of Equipment	Cost	
	N/A		
INVOICE TOTAL:			\$ 12,280.52

Submitted by:
Dustin Hardwick, Deputy Director
California Rural Water Association

Signature

10/6/2022

Date

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IWVGA ADMINISTRATIVE OFFICE

STAFF REPORT

TO: IWVGA Board Members **DATE:** October 12, 2022

FROM: IWVGA Staff

SUBJECT: **Agenda Item 9 – Resolution 06-22 Authorizing Staff To Execute A Lease Agreement With The State Of California For Access For Monitoring Wells**

BACKGROUND AND DISCUSSION

The Authority previously submitted a prioritized list of water security projects for potential funding from the Navy-Coso Royalties. The project that was selected for funding is the installation of shallow monitoring wells to collect data on the subsurface flow from the Rose Valley area to the basin. The purpose of the project is to provide information to update the hydrogeological model, so that the best and most current data is used.

The Authority has the opportunity to enter into a lease agreement with the State of California by and through the California State Lands Commission for access to four (4) well sites on California Land (located northeast of the intersection of Highway 395 and Nine Mile Canyon Road) for monitoring purposes. Groundwater levels for these wells, in conjunction with data from the wells to be drilled with Navy-Coso funds, will be used to help evaluate subsurface flow from the Rose Valley area and provide additional information needed to update the hydrogeological model. The term of the proposed lease is for 20 years. The total cost to the Authority pursuant to the lease is \$140 per year with an increase each year in accordance with changes in the Consumer Price Index.

ACTION(S) REQUIRED BY THE BOARD

Staff recommends the Board adopt the attached Resolution 06-22 authorizing the General Manager to sign the lease agreement with the State of California by and through the California State Lands Commission.

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**BEFORE THE BOARD OF DIRECTORS OF THE
INDIAN WELLS VALLEY GROUNDWATER AUTHORITY**

In the matter of:

Resolution No. 06-22

**AUTHORIZING STAFF TO EXECUTE
A LEASE WITH THE STATE OF CALIFORNIA
FOR ACCESS FOR WELL MONITORING**

I, _____, Clerk of the Board of Directors for the Indian Wells Valley Groundwater Authority, do certify that the following resolution, on motion of Director _____, seconded by Director _____, was duly passed and adopted by the Board of Directors at an official meeting this ____ day of _____, 2022, by the following vote:

AYES:

NOES:

ABSENT:

Clerk of the Board of Directors
Indian Wells Valley Groundwater Authority

**THE BOARD OF DIRECTORS OF INDIAN WELLS VALLEY GROUNDWATER
AUTHORITY RESOLVES AS FOLLOWS:**

Section 1. WHEREAS:

- (a) The Indian Wells Groundwater Authority (“Authority”) desires to enter into a lease agreement with the State of California (“State”) by and through the California State Lands Commission for access to well sites on State land for monitoring purposes.
- (b) The term of the proposed lease is for 20 years, commencing on October 25, 2022.
- (c) The total cost to the Authority pursuant to the lease is One Hundred and Forty Dollars (\$140) per year with an increase each year in accordance with changes in the Consumer Price Index.
- (d) The State requires a Resolution from the Authority Board of Directors authorizing the General Manager of the Authority to enter into the lease.

Section 2. THEREFORE IT IS RESOLVED by the Board of Directors of the Indian Wells Valley Groundwater Authority, as follows:

1. This Board finds that recited facts are true and that it has the jurisdiction to consider, approve, and adopt this Resolution.
2. The General Manager or his/her designee is authorized to execute the lease agreement between the State and the Authority in a form approved by the Authority's General Counsel and as set forth in the agreement attached hereto as Exhibit "A" .

PASSED, APPROVED, AND ADOPTED, by the Indian Wells Valley Groundwater Authority this ____ day of _____, 2022.

SIGNED:

President of the Board of Directors

ATTEST:

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IWVGA ADMINISTRATIVE OFFICE

STAFF REPORT

TO: IWVGA Board Members **DATE:** October 12, 2022

FROM: IWVGA Staff

SUBJECT: Agenda Item 10 – RESOLUTION 07-22 AUTHORIZING AN AGREEMENT WITH AVEK PIPELINE ALIGNMENT STUDY AND DEPOSIT

BACKGROUND AND DISCUSSION

The Authority was awarded \$7.6 million in grant funding from the California Budget Act of 2021 Sustainable Groundwater Management Grant Program SGMA Implementation Round 1 grant solicitation (SGMA-IP). The grant funding will be primarily used for additional planning for the Authority’s imported water interconnection project: Design, environmental compliance, right-of-way acquisition, and other permitting and coordination with partnering agencies. The Grant Funding Agreement between the Authority and the California Department of Water Resources (DWR) was executed on August 12, 2022. As stated in the Grant Agreement No. 4600014651, all work must be completed by April 30, 2025 and no funds may be requested after June 30, 2025.

As indicated in the Grant Agreement, the first Grant task is preparation of a Pipeline Alignment Study (Study) that will evaluate potential imported water pipeline routes and recommend a final alignment for design. This alignment will convey treated water from a point on the California City Feeder in California City to a location where imported water can be delivered to the Indian Wells Valley Water District. The California City Feeder is owned and operated by the Antelope Valley-East Kern Water Agency (AVEK).

On July 22, 2022, the Board authorized an agreement with Provost & Pritchard Consulting Group (P&P) with a budget totaling \$449,100. The written Notice to Proceed was executed on August 17, 2022. Since then, P&P has made significant progress in preparing the Study and has indicated that in order to continue making progress and abide by the Grant Agreement’s schedule, they require additional information and data from AVEK regarding the California City Feeder. In response, AVEK has proposed a Data Sharing and Cost Recovery Agreement with the Authority in order to ensure reimbursement of AVEK costs incurred for meetings, data collection and dissemination, and design plan check related to this data request.

ACTION(S) REQUIRED BY THE BOARD

Staff recommends that the Board adopt the attached Resolution authorizing staff to execute the attached agreement with AVEK for data sharing and cost recovery vital to the Imported Water Pipeline Alignment Study.

J:\2652 IWVGA\01 - Prep & Attend Board, PAC, & TAC meetings\Board\2022\October 2022\Item 10 - Imported Water Purchase Agreement\Draft
- STAFF REPORT_Agenda Item No. 10 - Imported Water Purchase Agreement.docx

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**BEFORE THE BOARD OF DIRECTORS OF THE
INDIAN WELLS VALLEY GROUNDWATER AUTHORITY**

In the matter of:

Resolution No. 7-22

**AUTHORIZING AN AGREEMENT
WITH AVEK RE: PIPELINE ALIGNMENT
STUDY AND DEPOSIT**

I, _____, Clerk of the Board of Directors for the Indian Wells Valley Groundwater Authority, do certify that the following resolution, on motion of Director _____, seconded by Director _____, was duly passed and adopted by the Board of Directors at an official meeting this ____ day of _____, 2022, by the following vote:

AYES:

NOES:

ABSENT:

Clerk of the Board of Directors
Indian Wells Valley Groundwater Authority

**THE BOARD OF DIRECTORS OF INDIAN WELLS VALLEY GROUNDWATER
AUTHORITY RESOLVES AS FOLLOWS:**

Section 1. WHEREAS:

- (a) The Authority was awarded \$7.6 million in grant funding from the California Budget Act of 2021 Sustainable Groundwater Management Grant Program SGMA Implementation Round 1 grant solicitation (SGMA-IP) for additional planning for the Authority's imported water interconnection project (Project).
- (b) All work under the SGMA-IP grant must be completed by April 30, 2025 and no funds may be requested after June 30, 2025.
- (c) This Project will convey treated water from a point on the California City Feeder in California City to a location where imported water can be delivered to the Indian Wells Valley Water District. The California City Feeder is owned and operated by the Antelope Valley-East Kern Water Agency (AVEK).

- (d) Additional information and data is required from AVEK regarding the California City Feeder.
- (e) The Authority desires to enter into an agreement with AVEK to ensure reimbursement of AVEK costs incurred for meetings, data collection and dissemination, and design plan check related to Project.

Section 2. **THEREFORE IT IS RESOLVED** by the Board of Directors of the Indian Wells Valley Groundwater Authority, as follows:

1. This Board finds that recited facts are true and that it has the jurisdiction to consider, approve, and adopt this Resolution.
2. The General Manager or his/her designee is authorized to execute the attached agreement with AVEK for reimbursement of costs related to the Project.

PASSED, APPROVED, AND ADOPTED, by the Indian Wells Valley Groundwater Authority this ____ day of _____, 2022.

SIGNED:

President of the Board of Directors

ATTEST:

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IWVGA ADMINISTRATIVE OFFICE

MEMORANDUM

TO: IWVGA Board of Directors

FROM: Carol Thomas-Keefer
General Manager

DATE: October 12, 2022

RE: Letter to AVEK re Imported Water Connection

Several months ago, in conjunction with IWVGA efforts to secure an entitlement to Table A water from the State Water Project, IWVGA staff and Capital Core Group initiated contact with the staff at Antelope Valley-East Kern Water Agency to begin discussions on imported water conveyance and availability of supplies. Following discussion by an AVEK committee, AVEK staff advised IWVGA staff that further consideration would be facilitated if IWVGA could demonstrate its own water rights or an independent water supply.

IWVGA now has an executed Letter of Intent for 750 acre-feet of SWP Table A entitlement, and will soon enter an escrow process for completion of the purchase. IWVGA has also received a \$7.6 million grant from DWR toward implementation of the imported water connection project, and has contracted for a study to determine the alignment of the pipeline and associated requirements. Completion of the study will require significant collaboration with AVEK staff, and a separate cooperation agreement has been prepared for Board consideration to assist with that collaboration (see Agenda Item 10).

In light of these developments, IWVGA staff has prepared an updated letter to the AVEK Board of Directors providing information on progress made to secure water rights and project funding. The letter also requests that AVEK consider a workshop to further discuss IWVGA's needs and commitment to groundwater sustainability and to explore opportunities for delivery of imported water to the Indian Wells Valley.

RECOMMENDATION

That the IWVGA Board review and approve the draft letter to AVEK and authorize the Chairman to sign it.

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BOARD OF DIRECTORS

Phillip Peters, Chair
Scott Hayman, Vice-Chair
Stan Rajtora
Matt Kingsley
Paul Cook
Thomas Bickauskas
CDR Benjamin Turner, DoD Liaison

Carol Thomas-Keefer
General Manager
Keith Lemieux
Legal Counsel

October 12, 2022

Director Keith Dyas, President of the Board
Antelope Valley – East Kern Water Agency
6500 W. Avenue N
Palmdale, CA 93551

Indian Wells Valley Groundwater Authority’s (IWVGA) Request for Consideration of Water Supplies from AVEK

Dear President Dyas and the Board of Directors:

The Indian Wells Valley Groundwater Authority appreciated your consideration of our Letter of Intent earlier this year to review potential ways to tie into your system and receive water. AVEK is a regionally significant State Water Contractor, and we recognize your importance to potentially assisting us with delivering water to our Basin. The feedback that we received from AVEK staff was that the Board wanted us to make progress on both securing water supplies and funding for the potential projects to further show our intent of moving forward on these projects. We are happy to report that we have made further progress on both of these goals and that we are moving forward with both water purchases and planning. We respectfully request a workshop to further discuss with you the progress that we have made and to make a request to potentially collaborate on getting our water supplies delivered to the Indian Wells Basin. We appreciate your consideration of our request, and we look forward to further discussion with you.

Background on the Indian Wells Valley Groundwater Authority – Why are we Asking for Assistance to Import Water Supplies?

In 2015, California enacted the Sustainable Groundwater Management Act (SGMA) which established a framework for the management and use of groundwater in a manner that can be maintained during the planning and implementation horizon without causing undesirable results. SGMA requires governments and water agencies of [high and medium priority basins](#) to halt overdraft and bring groundwater basins into balanced levels of pumping and recharge. Under SGMA, these basins should reach sustainability within 20 years of implementing their sustainability plans (2040-2042 depending on basin priority).

The Indian Wells Valley Groundwater Basin is one of 21 basins in the state that the Department of Water Resources determined is in critical overdraft and therefore subject to earlier filing deadlines than lower priority basins. IWVGA is a joint-powers authority consisting of the City of Ridgecrest, County of Kern, County of Inyo, County of San Bernardino, and the Indian Wells Valley Water District. The US Navy and the Bureau of Land Management are two non-voting but important members of the Authority. The China Lake Naval Weapons Air Station overlies a significant portion of the Basin and is one of the most important research and

development bases in the Navy's portfolio. The base's continued operation has national security implications, and it as well as the communities that serve the base require a safe and reliable water supply to continue operations.

To comply with the SGMA requirements, the Indian Wells Valley Groundwater Authority (IWVGA) is in the process of implementing a Sustainability Plan to reverse the effects of overdraft while maintaining the water needs of area residents and business, which include the United States Navy's China Lake facilities. The sustainability plan was submitted to the California Department of Water Resources on January 31, 2020 and received approval from the State Department of Water Resources in 2021.

As part of its sustainability plan, IWVGA is exploring the possibilities of purchasing and importing water to the groundwater sub-basin. Currently, the Basin does not have access to imported water supplies. The basin's potential infrastructure plans include the exploration of potential water supplies, delivery methods, transfers, wheeling, and banking. Water delivery methods will require a substantial amount of infrastructure to import water to the sub-basin. IWVGA has and will continue to request Federal and State assistance to off-set infrastructure costs. Please see the later sections in this letter for the specifics of the funding that we have secured and the water supplies that we are developing. Such infrastructure will increase water supply opportunities by opening up the basin for water deliveries, thereby supporting the mission of the installation and the residents and businesses in the Indian Wells Valley. We have also made a request to the US Navy for funding participation in the project through the Defense Community Infrastructure Program (DCIP) that the Department of Defense administers.

SGMA mandates that the Indian Wells Basin establish management actions and projects to address the overdraft within the basin and bring it back to sustainability by 2040. Section 5 of the Basin's GSP outlines a series of projects and management actions (PMAs) both designed to decrease water demands and increase water supplies. These PMAs include:

- **Management Action 1:** Implement Annual Pumping Allocation Plan, Transient Pool and Land Fallowing Program
- **Project 1:** Develop Imported Water Supply
- **Project 2:** Optimize Use of Recycled Water
- **Project 3:** Basin-Wide Conservation Efforts
- **Project 4:** Shallow Well Mitigation Program
- **Project 5:** Dust Control Mitigation Program
- **Project 6:** Pumping Optimization Project
- **Conceptual Projects Still Under Consideration:**
 - Brackish Groundwater Project
 - Direct Potable Reuse Project

As you will see, these projects that the GSP proposes include a series of demand reduction programs (Management Action 1 and Project 3 for example) combined with potential ways to increase water supply and/or resiliency (Projects 1 and 2 for example). In addition to these programs, the Authority and its member agencies have taken proactive steps to move these projects forward. The Authority implemented the Replenishment fee of \$2,000 per acre-foot to provide the funding necessary to pursue the purchase of water supplies. The City of Ridgecrest is also actively planning and designing its wastewater treatment facility in conjunction with the Navy, which when complete may be able to provide up to 2,000 AF of water back into the Basin.

Water Purchases Since Original Letter of Intent

The feedback that we received from our original Letter of Intent indicated that the AVEK Board and staff wanted to see more concrete details for how we were pursuing water supplies to deliver to the Basin. We are happy to report that, since we originally discussed our project with you, we have identified and began the purchase process for 750 acre-feet of permanent entitlement from a seller in the Dudley Ridge Water District. On August 2, 2022, the IWVGA Board of Directors completed the letter of intent with Utica LJI, LLC for the purchase of 750 acre-feet of State Water Project Table A. At present, we are about to enter the transfer process with the seller which includes a 30-day right of first refusal (ROFR) from the owners within the Dudley Ridge Water District, the CEQA/environmental process, and the various sign-offs from the State Department of Water Resources on the transfer. We anticipate that the ROFR process will begin in October or November, and the CEQA process will be initiated around that same time.

It is our intent to dedicate this water to the State Water Contractor that we work with to ultimately deliver this water to our system. In addition, we are actively looking for other water supplies and banking opportunities to further secure our water needs. We will discuss these next steps in the final section below.

Funding Secured Since Letter of Intent

In addition to the water supplies that we are securing, we have also received funding to support the planning and infrastructure associated with delivering water to the Basin and building infrastructure to support water resource management. In 2022, we were able to secure three state and federal grants totaling more than \$10 million to advance our efforts towards bringing the basin back into sustainability and plan for our interconnection project. These funds include:

- **\$7.6 Million from State Department of Water Resources for SGMA Implementation:** In May, the IWVGA received \$7.6 million in funding from the State Department of Water Resources to further implementation of our Groundwater Sustainability Plan. The IWVGA Board decided to use that funding to further the planning of the interconnection project. In August, we finalized a RFP and hired Provost and Pritchard to conduct an initial alignment study for the interconnection project.
- **Approximately \$1 million from the US Army Corps of Engineers for an interconnection project study:** In addition to the funding that we received from the State, we also worked with Minority Leader Kevin McCarthy's Office to secure a study through the Water Resources Development Act (WRDA). We were able to secure directive language and funding in the companion spending bill to have the US Army Corps of Engineers work with the IWVGA and US Navy to determine the potential route and feasibility for the interconnection project. The directive language is below:

WRDA 2020 Committee Report:

The Committee directs the Corps to develop a strategy in consultation with the Indian Wells Valley Groundwater Authority and the Naval Air Weapons Station China Lake to resolve water supply needs and eliminate overdraft in the Indian Wells Valley groundwater basin in California. This strategy shall develop measures needed to provide water supply resiliency in the basin and for the critical Federal defense assets that overlie it, including, but not limited to, importation of water, construction needs, rights of way, estimated costs, and projected future growth both on and off-base in the basin. The Corps is directed to provide this strategy to the House Committee on Transportation and Infrastructure and the Senate Committee on Environment and Public Works within 180 days of enactment of this Act.

- **\$2.5 Million from the State Water Resources Control Board for the construction of the City of Ridgecrest's new wastewater treatment plant:** The use of recycled water will also play a key role in the Basin returning to groundwater sustainability. The City of Ridgecrest is building a new wastewater treatment plant to provide approximately 2,000 acre-feet of feedstock for a recycled water program in the basin. This new treatment plant, along with a water recycling plant and a direct injection facility for

advanced treated water will allow the basin to reuse approximately 2,000 acre-feet of water supplies per year. The treatment plant is undergoing final design and permitting, and we anticipate that it will begin construction in 2023. To assist in the construction of this project, we were able to secure a \$2.5 million budget line item in the State budget from the State Water Resources Control Board for the construction of the WWTP.

Our Request

We hope that our progress on securing funding and water supplies shows our commitment to implementing the requirements of the GSP and bringing our basin back into sustainability. We also hope that the funding that we have secured as well as the fees that we are collecting through the water replenishment fee show our commitment to purchase water, build the infrastructure necessary to deliver it, and pay our fair share towards the ongoing maintenance and associated infrastructure requirements. We are asking for your consideration of a workshop to discuss the following topics:

- How we may potentially tie into the AVEK system for delivery of water supplies to the Indian Wells Basin. Again, we make the commitment that we are ready and willing to pay the costs associated with tying into this system.
- The banking opportunities that the Antelope Valley has to offer, and how we may participate in these banking programs.
- Should we partner with AVEK on water deliveries, how we would logistically dedicate water supplies to AVEK for our benefit and if there are other water supply opportunities to explore.

We appreciate your consideration of our request and we look forward to hearing from you.

Sincerely,

Phillip Peters
Chairman
Indian Wells Valley Groundwater Authority

CC: Dwayne Chisam, AVEK General Manager

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IWVGA ADMINISTRATIVE OFFICE

STAFF REPORT

TO: IWVGA Board Members **DATE:** October 12, 2022

FROM: IWVGA Staff

SUBJECT: **Agenda Item No. 12 – Resolution 08-22 Urban Community Drought Relief Program**

BACKGROUND

The *FY2022/2023 State Budget Act* (Chapter 45 Statutes of 2022) reauthorized and appropriated \$285 million to the Department of Water Resources' (DWR) "Urban Community Drought Relief Grant Program." This program was formerly known as the "Urban and Multi-Benefit Project Program" which was allocated \$400 million in the *FY2021/2022 State Budget Act* and primarily focused on emergency relief aid to drought-stricken areas that met specific conditions. The *FY2022/2023* program was expanded to include the "construction or installation of recycled water projects that provide immediate relief to potable water supplies" and broadened "new wells or rehabilitation of existing wells to provide emergency relief."

In September, Capitol Core, IWVGA staff, and Stetson Engineers held a scoping meeting with DWR to focus on the eligibility of Authority projects and the DWR's program priorities for the UCDRG in this funding round. That scoping meeting discussed the 1) planning activities associated with the proposed water recycling plant; 2) the requirements of the Well Replacement/Rehabilitation section of the grant; and 3) the City of Ridgecrest's turf replacement project. The scoping meeting determined that all three projects were eligible for UCDRG funding in this round.

Staff is recommending the following applications for grant funding with minimum funding amounts of \$5 million under the UCDRG:

Application No. 1 - Water Recycling Plant

Stetson Engineers has estimated that \$5.3 million is required to complete "planning activities" for the IWVGA water recycling plant. Based on the Alternatives Analysis conducted, this plant would initially provide approximately 1,800 acre-feet per year (AFY) of recycled water for injection into the groundwater basin. The total proposed project cost is approximately \$100 million. Funding shortfalls for planning activities associated with the plant have delayed project construction and timing. Planning activities include all preliminary design, engineering, property acquisition requirements, and environmental permitting (CEQA/NEPA).

In the scoping meeting with DWR it was stressed that the overall benefit of the water recycling project must be directed to the urban area. This means that the benefit of the recycled water must be demonstrably to the City of Ridgecrest customers.

Submittal of a UCDRG is not duplicative of Stetson Engineers' current efforts to develop the Feasibility Study for U.S. Bureau of Reclamation (USBR) Title XVI. The Feasibility Study currently under development is for the overall eligibility of the water recycling plant under Title XVI. It determines the project's eligibility for future federal Notifications of Funding Availability (NOFAs) at USBR, Congressional Authorization, or Congressionally directed spending for the project. Capitol Core's efforts at USBR are not limited to planning or construction activities and approval of the Feasibility Study will still require application development for the Agency's NOFA or government affairs actions. Approval of the Feasibility Study by the USBR would ideally coincide with NOFAs to be released in January 2023. This is the same timing expected by DWR for the UCDRG application.

It is anticipated that budget constraints in California may appear as early as next year, and funding associated with the "Western Waters" provisions of both the *Infrastructure Investment and Jobs Act* and the *Inflation Reduction Act* are limited to FY2026.

Application No. 2 - Well Mitigation/Rehabilitation

The UCDRG is statutorily limited to using funds for public projects. Use of funding for privately-owned wells or wells located on private property are excluded from the UCDRG implementation guidance. The implementation guidance does, however, allow for use of grant funds to consolidate wells into a public system. Given the recent increase in reported private well failures within the basin, the UCDRG provides an alternative funding source as an addition to the current IWVGA Well Mitigation Program providing well owners with supply failures or pending supply failures the ability to consolidate to the municipal (urban)/public system.

Application for UCDRG funding would require an amendment to the IWVGA Well Mitigation Program to provide for the consolidation. This amendment would develop a policy/procedure for consolidations to allow a clearly structured program that meets UCDRG Funding. This first-year funding application would be based upon the costs associated to interconnect and consolidate a known area where supply failures have been reported. If awarded, the IWVGA-DWR funding agreement would likely be based upon reimbursement. This means that if consolidations did not occur, IWVGA would not receive the grant funding and it would be returned to the State for further appropriation/allocation.

Budget Appropriation

There is currently \$10,000 remaining in the FY2022 budget for grant applications. Stetson Engineers has provided a cost estimate of \$30,000 to develop one application and \$55,000 to complete both. Accordingly, an additional budget allocation for \$45,000 is sought to complete both grant applications.

ACTION(S) REQUIRED BY THE BOARD

Staff recommends the Board authorize the additional budget allocation of \$45,000 for grant applications in the FY 2022 Budget and adopt the attached Resolution No. 08-22 authorizing the submittal of two grant applications to UCDRG for recycled water plant planning and for well consolidation.

J:\2652 IWVGA\01 - Prep & Attend Board, PAC, & TAC meetings\Board\2022\October 2022\Item 12- Urban Community Drought Relief Program\DWR ICDRG Program Staff Report_DRAFT (002).docx

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To: Carol Thomas-Keefer, General Manager Indian Wells Valley Groundwater Authority

From: Michael W. McKinney, Capitol Core Group

cc: Members of the Board of Directors Indian Wells Valley Groundwater Authority
Steve Johnson, Principal Stetson Engineering
Jeff Simonetti, Senior Vice President Capitol Core Group
Todd Tatum, Senior Client Advisor Capitol Core Group

Date: September 15, 2022

Subject: Department of Water Resources – Urban Community Drought Relief Grant Program

Capitol Core Group recommends the Indian Wells Valley Groundwater Authority (hereafter, “IWVGA” or “the Authority”) pursue development of an application for grant funding through the Department of Water Resources (“DWR”) “*Urban Community Drought Relief Grant Program (UCDRG)*.” This would require Board approval to direct Stetson Engineering to develop the application thereby creating a fiscal impact, staff time for application development, that was not anticipated in the FY 2022 IWVGA Budget. We have requested Stetson provide a cost-impact for your consideration.

Application Deadline:

To be determined (anticipated December 2022/January 2023)

Notice of Funding Opportunity Announcement (NOFA):

Draft released 08/16/2022

Implementation Guidance and Proposal Solicitation Package:

Draft released 08/06/2022 (anticipated approved package end-of-September 2022)

Minimum Award: \$5 million

Background

Pursuant to Capitol Core Group’s Task 3, we are to identify and secure State of California funding for identified projects. This includes the identification and funding of State Agency programmatic opportunities. The *FY2022/2023 State Budget Act* (Chapter 45 Statutes of 2022) reauthorized and appropriated \$285 million to the Department of Water Resources’ (DWR) “Urban Community Drought

Relief Grant Program.” This program was formerly known as the “Urban and Multi-Benefit Project Program” which was allocated \$400 million in the *FY2021/2022 State Budget Act* and primarily focused on emergency relief aid to drought-stricken areas that met specific conditions. As reported to you and the Board in Capitol Core’s memorandum of 16 August 2022, the FY2022/2023 program was expanded to include the “construction or installation of recycled water projects that provide immediate relief to potable water supplies” and broadened “new wells or rehabilitation of existing wells to provide emergency relief.” In addition, “turf replacement” projects were added to the program as a means of conservation and the City of Ridgecrest is considering an application to this program.

On 15 September 2022, Capitol Core, IWVGA staff, and Stetson Engineering held a scoping meeting with DWR to focus on the eligibility of Authority projects and the Agency’s program priorities for the UCDRG in this funding round. That scoping meeting discussed the 1) planning activities associated with the proposed water recycling plant; 2) the requirements of the Well Replacement/Rehabilitation section of the grant; and 3) the City of Ridgecrest’s turf replacement project. The scoping meeting determined that all three projects were eligible for UCDRG funding in this round.

Discussions with DWR indicated the Agency’s preference to see the application contain all “regional projects” within a single packet but determined they would consider individual applications to not prejudice one project over another. Based upon IWVGA staff approval, Capitol Core is recommending development of both applications for consideration by DWR in the FY2022/2023 funding round. Discussion of each project is listed below.

Water Recycling Plant (application #1)

Stetson Engineering has estimated that \$5.3 million is required to complete “planning activities” for the IWVGA water recycling plant. This plant would provide 2,000 acre-feet per year (AFY) of recycled water for injection into the groundwater basin. The total proposed project cost is approximately \$100 million. Funding shortfalls for planning activities associated with the plant have delayed project construction and timing. Planning activities include all preliminary design, engineering, property acquisition requirements, and environmental permitting (CEQA/NEPA).

In our scoping meeting with DWR it was stressed that the overall benefit of the water recycling project must be directed to the urban area. This means that the benefit of the recycled water must be demonstrably to the City of Ridgecrest customers.

USBR Activities

Submittal of a UCDRG is not duplicative of Stetson's current efforts developing the Feasibility Study for U.S. Bureau of Reclamation (USBR) Title XVI. The Feasibility Study currently under development is for the overall eligibility of the water recycling plant under Title XVI. It determines the project's eligibility for future federal NOFAs at USBR, Congressional Authorization, or Congressionally-directed spending for the project. Our efforts at USBR are not limited to planning or construction activities and approval of the Feasibility Study will still require application development for the Agency's NOFA or government affairs actions.

Timing of applications, however, may be a consideration for IWVGA to submit applications to both USBR and DWR for planning activities associated with the water recycling plant. It is anticipated that budget constraints in California may appear as early as next year, and funding associated with the "Western Waters" provisions of both the *Infrastructure Investment and Jobs Act* and the *Inflation Reduction Act* are limited to FY2026. The competitive nature of these grant applications is also a factor in this decision which the Authority may need to consider. Approval of the Feasibility Study by USBR would ideally coincide with anticipated NOFAs to be released in January 2023. This is the same timing expected by DWR for the UCDRG application.

Future USBR funding for the project, should the Feasibility Study be approved, may be directed toward construction activities.

Well Mitigation/Rehabilitation (application #2)

The UCDRG is statutorily limited to using funds for public projects. Use of funding for privately-owned wells or wells located on private property are excluded from the UCDRG implementation guidance. The implementation guidance does, however, allow for use of grant funds to consolidate wells into a public system. Given the recent increase in reported private well failures within the basin and the potential

impact to the Authority's replenishment fee, the UCDRG provides an alternative funding source to supplement or replace the current IWVGA Well Mitigation Program providing well owners with supply failures or pending supply failures the ability to consolidate to the municipal (urban)/public system.

Application for UCDRG funding would require an amendment to the IWVGA Well Mitigation Program to provide for the consolidation. This amendment would develop a policy/procedure for consolidations to allow a clearly structured program that meets UCDRG Funding. This first-year funding application would be based upon the costs associated to interconnect and consolidate a known area where supply failures have been reported. If awarded, the IWVGA-DWR funding agreement would likely be based upon reimbursement. This means that if consolidations did not occur, IWVGA would not receive the grant funding and it would be returned to the State for further appropriation/allocation. Capitol Core would recommend a discussion within the grant application to gauge the likelihood of fund application/disbursement during the upcoming fiscal year.

If the Board approves the authorization, Stetson would develop the program criteria and subsequent application for funding.

Discussion regarding Private Property Wells

Private well owners requiring rehabilitation or mitigation do have other alternatives either 1) through the California Office of Emergency Services (CalOES) or 2) through private non-profits, such as "Self-Help Enterprises," which has received grant monies through State programs that are authorized to provide assistance to private property owners. The CalOES program requires private well owners work with the County Office of Emergency Services who, in turn, seeks assistance through the State Agency. Funds provided by CalOES and non-profit sources are limited to Declared Emergencies by the Governor. Once those Emergency Orders expire or the Emergency is declared ended, funding to private property well owners through these sources ceases. Funding for the CalOES program is provided, in part, through the Federal Emergency Management Agency (FEMA) "Hazard Mitigation Assistance Program (HMA)" which allows the State to seek monies from the federal government for the purpose of mitigating ongoing emergencies. Federal funds have been combined with State-appropriated monies for the program in the last two budget cycles. As anticipated budget surpluses diminish, this State funding will be subject to

reduction through the State Budget process. Federal FEMA HMA amounts are subject to annual appropriations by the Congress through the *Department of Homeland Security Appropriations Act*.

Capitol Core would also recommend IWVGA review the County and non-profit programs to more fully understand the funding available to private property well owners facing supply failure.

We will be available to answer questions from the Board on these recommendations. Should you have any questions, please give me a call.

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Instructions: The following form is a template of a water shortage contingency plan for a public water supplier. Not all items may apply to your system or situation. This template is optional and is supplied for your convenience as an example. Mandatory elements are specified in Section 10609.60 of Water Code. Consult with your district office or primacy agency as to the relevance of this template for your situation.

More information about the drought planning requirements for small water suppliers and nontransient noncommunity water systems can be found in [Senate Bill 552 \(2021\)](#).

Water Shortage Contingency Plan Drought/Water Conservation



(Name of School Water System Utility)

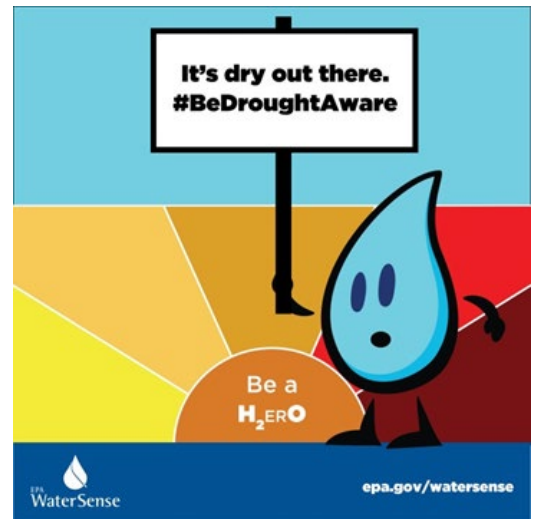
(Address, City, Zip Code)

(PWS #s)

(Date)

Table of Content

Section 1: Introduction.....	3
Section 2: Contacts	5
Communication Plan	6
External Emergency Notification List	7
Service / Repair Notifications	8
Section 3: Criteria for Initiation and Termination of Water Shortage Response Stages	9
Section 4: Triggers and Response Stages for Water Shortage Levels.....	10
Section 5: Educational Water Conservation Resources	11
Section 6: Triggers for Implementing Water Conservation Measures.....	12
Section 7: Enforcement of Mandatory Water Conservation Measures.....	19
Section 8: To all Water Customers Water Conserving.....	20
Section 9: Drought Survey.....	23



Section 1: Introduction

System Identification No.	XXXXXXX (7-digit state water system ID Number e.g., CA4700582)
System Name, Address, County	
Directions to the System	The well/source is located _____ (include how a new person would find the well)
Basic Description and Location of System Facilities	<p>Describe the water system: (e.g., wells or surface water description, pump type, current treatment, storage and distribution system). If well report is available, attach a copy of the well log to this document and/or describe the well capacity, well depth, sanitary seal depth, where perforations are located, typical pump depth, etc.)</p> <p><i>Example:</i></p> <p><i>The system serves 125 students and staff in four buildings. In the winter without irrigation, the school typically uses 4,455 gallons per day. With irrigation in the summer, the school typically uses 10,250 gallons per day.</i></p> <p><i>The system has one well. The well is at a total depth of 135 feet. It was built in 1989 by Water Wonder Drilling company located in Happy Valley, CA. It has a submersible 5-hp pump normally maintained at a depth of 100 feet. The water is treated with sodium hypochlorite for disinfection before being transferred to a 5,000-gallon storage tank near the well for irrigation. The system also has 2 inline well pressure tanks that normally maintain 45-55 psi pressure in the distribution system.</i></p> <p><i>The operations plans, manuals, locations of valves and pipes, and well pumping records are located in the wellhouse in the green binder. The water system is typically checked once a week by the T-2 certified operator, Sally Fischer.</i></p>

System Owner	The water system owner is owned by _____ (holder of property deed)	
Name, Title, Phone, email and role of the people responsible for maintaining and implementing water shortage plan	e.g., Superintendent, name, address, phone, email, Role: Plan Oversight	
	e.g., Facilities manager, name, address, phone, email, Role: Plan Implementation	
	e.g., Office manager, name, address, phone, email Role: Update plan every five years	
	e.g., other	

Section 2: Contacts

The _____ (designated official; for example, superintendent, principal, etc.), or designee is hereby authorized and directed to implement the applicable provisions of this Plan upon determination that such implementation is necessary to protect public health, safety, and welfare. The _____ (designated official) or designee shall have the authority to initiate or terminate drought or other water supply emergency response measures as described in this Plan.

Internal Chain of Command – Lines of Authority

Name, Title and Contact Information	Responsibilities during an emergency
[Insert Name], [Insert Title] [Insert Address] [Insert Phone #] [Insert Email]	<ul style="list-style-type: none"> ● [Insert responsibilities as applicable for water shortage / water emergency events]
<i>Example:</i> Joe Water, Owner Needs Water School City, CA 911XX xxx-xxx-xxxx joewater@nws.email	<i>Example:</i> <ul style="list-style-type: none"> ● Notify superintendent ● Meet and assist emergency personnel as needed ● Oversee implementation and requirements
<i>Example:</i> Jill Water, Vice Principal Needs Water School City, CA 911XX xxx-xxx-xxxx jillwater@nws.email	<i>Example:</i> <ul style="list-style-type: none"> ● Assist with town duties and community outreach ● Assist with emergency personnel as needed ● Coordinate with vendors/facilities ● Assist and implementation of town communications

Communication Plan

Notify water system staff, parents, customers and school of potential water shortage

Who is responsible	Superintendent, Vice Superintendent, and/or District Office Manager
Procedures	Communication will go out via _____.

Alert local law enforcement, state, federal, water officials, and local health agencies

Who is responsible	
Procedures	Communication will go out via _____.

Contact service and repair contractors

Who is responsible	
Procedures	_____ will take the point on any necessary repairs and/or for contacting and communicating with service vendors.

Procedures for issuing a health advisory

Who is responsible	
Procedures	Communication will go out via _____.

External Emergency Notification List

Organization or Department	Name & Position	Telephone	Email
Emergency Services	911	911	911
Water Operator		Day: Emergency:	
State Water Board District Engineer			
State Water Board Staff Engineer			
County Environmental Health Specialist			
Technical Assistance Provider, if applicable			
Sustainable Groundwater Management Agency Contact or other Regional Water Planning contact			
Mutual Aid Contact/CalWarn			
Other			

Service / Repair Notifications

Organization or Department	Name & Position	Telephone	Night or Call Phone	Email
Water Operator				
Back up Water Operator				
Electric Utility Co				
Electrician				
Plumber				
Water Hauler				
Bottled Water Vendor				
Well Pump Technician				
Well Drilling Company				
Back Flow Company				

Section 3: Criteria for Initiation and Termination of Water Shortage Response Stages

Type of Event	Criteria for Initiation/Termination	Comments
Drought	<i>Example: county order to conserve water</i>	California has experienced continuous and historic drought levels as registered by California's Groundwater Live
Fire		Fire possibilities are high throughout much of California, include any unique fire risks/mitigants and result in fire officials requesting water conservation
Earthquake		Earthquakes occur throughout California and may result in well failure or other causes of water loss
Contaminants		Is there known contamination of the well that is currently removed through treatment. If the treatment failed or the source was otherwise contaminated would this result in water outages?
Pandemic		Could a pandemic disrupt town water supply delivery? (e.g., loss of operator support, etc.)
Terrorism/vandalism		Any risk to water well from targeted acts of terrorism or vandalism? e.g., storage tank entry, etc.
Power Outage		Power Outage may result in loss of pump

Section 4: Triggers and Response Stages for Water Shortage Levels

This table provides a summary of each water shortage stages, triggers and response actions. Additional information for each response action and communication action can also be provided if desired in subsequent pages.

Stage	Trigger	Response Action	Communication Action	Termination Action
Level 1	<i>e.g., media discussion of drought conditions/lack of normal rain pattern for the region</i>	<i>e.g., initiate conversations with the water operator about current water usage levels; highlight drought education in current curriculum</i>	<i>e.g., none</i>	<i>e.g., return to normal rain pattern.</i>
Level 2	<i>e.g., TBD</i>	<i>e.g., initiate preventative leak detection survey and initiate monthly depth to water level measurement</i>	<i>e.g., none</i>	<i>e.g., return to normal rain pattern.</i>
Level 3	<i>e.g., county drought declaration</i>	<i>e.g., limit irrigation by 30%, or as required by law</i>	<i>e.g., none</i>	<i>e.g., end of county drought declaration</i>
Level 4	<i>e.g., well levels decreased by 30%</i>	<i>e.g., limit irrigation by 70%, or as required by law</i>	<i>Contact parents</i>	<i>e.g., increase in well level depth by 40%</i>
Level 5	<i>e.g., well levels decreased by 60%</i>	<i>e.g., no irrigation and intensive water conservation education with students, prepare for hauled water/bottled water delivery, if necessary</i>	<i>Contact state and parents with warning</i>	<i>e.g., increase in well level depth by 70%</i>
Level 6 – Catastrophic Water Loss	<i>Pump failure, water outage, pressure below 20 psi, etc.</i>	<i>Shut-off irrigation and contact operator immediately, determine if water supply is adequate for drinking and sanitation needs – if not contact water hauler, bottled water, or parents to shut-down the school until water is resumed.</i>	<i>Contact operator, contact state, contact parents</i>	<i>Normal water pressure resumed.</i>

Section 5: Educational Water Conservation Resources

DWR K-12 Education Resources:

<https://water.ca.gov/What-We-Do/Education>

<https://water.ca.gov/what-we-do/education/education-materials>

DWR Drought Information: <https://water.ca.gov/Programs/All-Programs/Drought>

USEPA WaterSense for Kids: <https://www.epa.gov/watersense/watersense-kids>

Be Drought Aware: <https://www.epa.gov/watersense/be-drought-aware>

CalEPA Drought Information and Resources: <https://calepa.ca.gov/disaster/drought/>

CalRecycle Kids: <http://calrecycle.ca.gov/Kids/>

State Water Resources Control Board Educational Resources (Students and Educators sections): https://www.waterboards.ca.gov/water_issues/programs/outreach/education/school/
https://www.waterboards.ca.gov/water_issues/programs/outreach/education/school/other.html

Dept. of Conservation Resources for K-12 Educators:

<https://www.conservation.ca.gov/educators>

The Metropolitan Water District of Southern California Water Education:

https://www1.mwdh2o.com/DocSvcsPubs/Education_Site/index.html

Cool California “Getting Kids Involved” Resources:

<https://coolcalifornia.arb.ca.gov/article/getting-kids-involved>

Sonoma Water Classroom/Field Programs:

<https://www.sonomawater.org/ClassroomandFieldPrograms>

Solano County Water Agency K-12 Programs:

<https://www.scwa2.com/water-efficiency/schools/school-programs-k12/>

Water Education Foundation “Project WET” Program:

<https://www.watereducation.org/project-wet>

The Water Forum Resource Library (UWMPs and WSCPs):

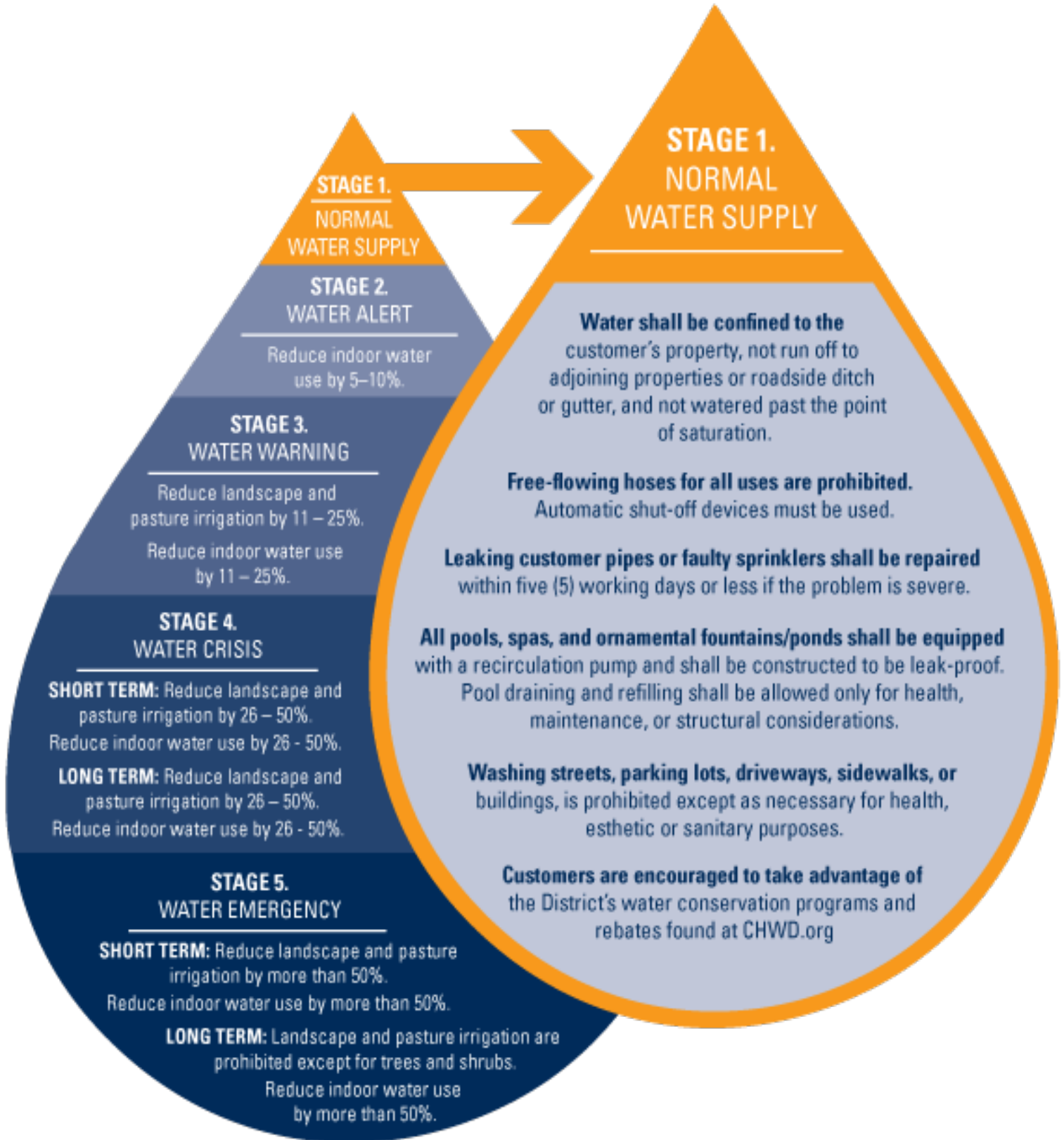
<https://www.waterforum.org/resources/resource-library>

Water Education Foundation: <https://www.watereducation.org/droughtinfo>

DFA “DROPS” Program:

https://www.waterboards.ca.gov/water_issues/programs/grants_loans/drops/

Triggers for Implementing Water Conservation Measures



STAGE 1.
NORMAL
WATER SUPPLY

STAGE 2.
WATER ALERT

Reduce indoor water use by 5–10%.

STAGE 3.
WATER WARNING

Reduce landscape and pasture irrigation by 11 – 25%.

Reduce indoor water use by 11 – 25%.

STAGE 4.
WATER CRISIS

SHORT TERM: Reduce landscape and pasture irrigation by 26 – 50%.

Reduce indoor water use by 26 - 50%.

LONG TERM: Reduce landscape and pasture irrigation by 26 – 50%.

Reduce indoor water use by 26 - 50%.

STAGE 5.
WATER EMERGENCY

SHORT TERM: Reduce landscape and pasture irrigation by more than 50%.

Reduce indoor water use by more than 50%.

LONG TERM: Landscape and pasture irrigation are prohibited except for trees and shrubs.

Reduce indoor water use by more than 50%.

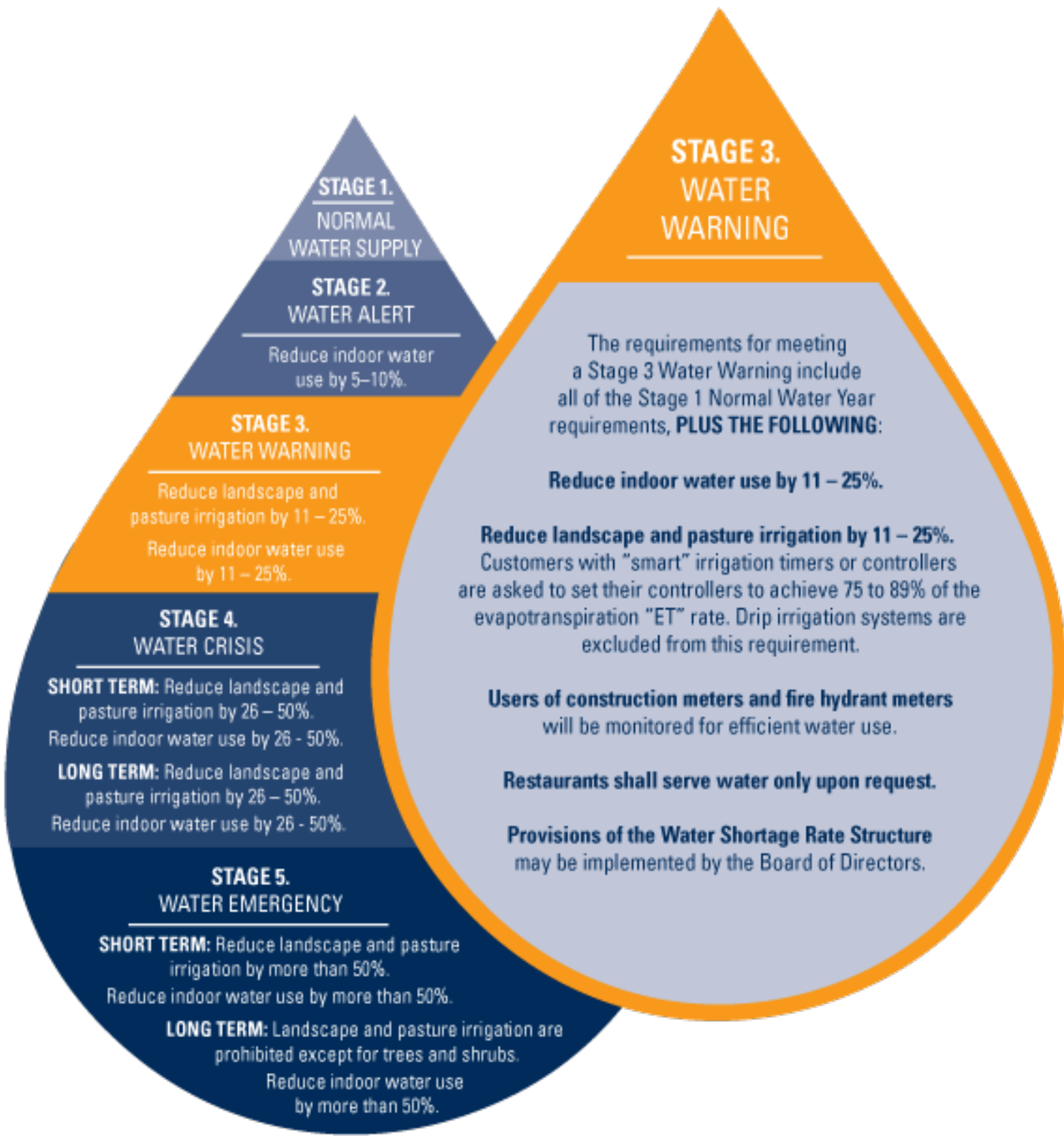
STAGE 2.
WATER ALERT

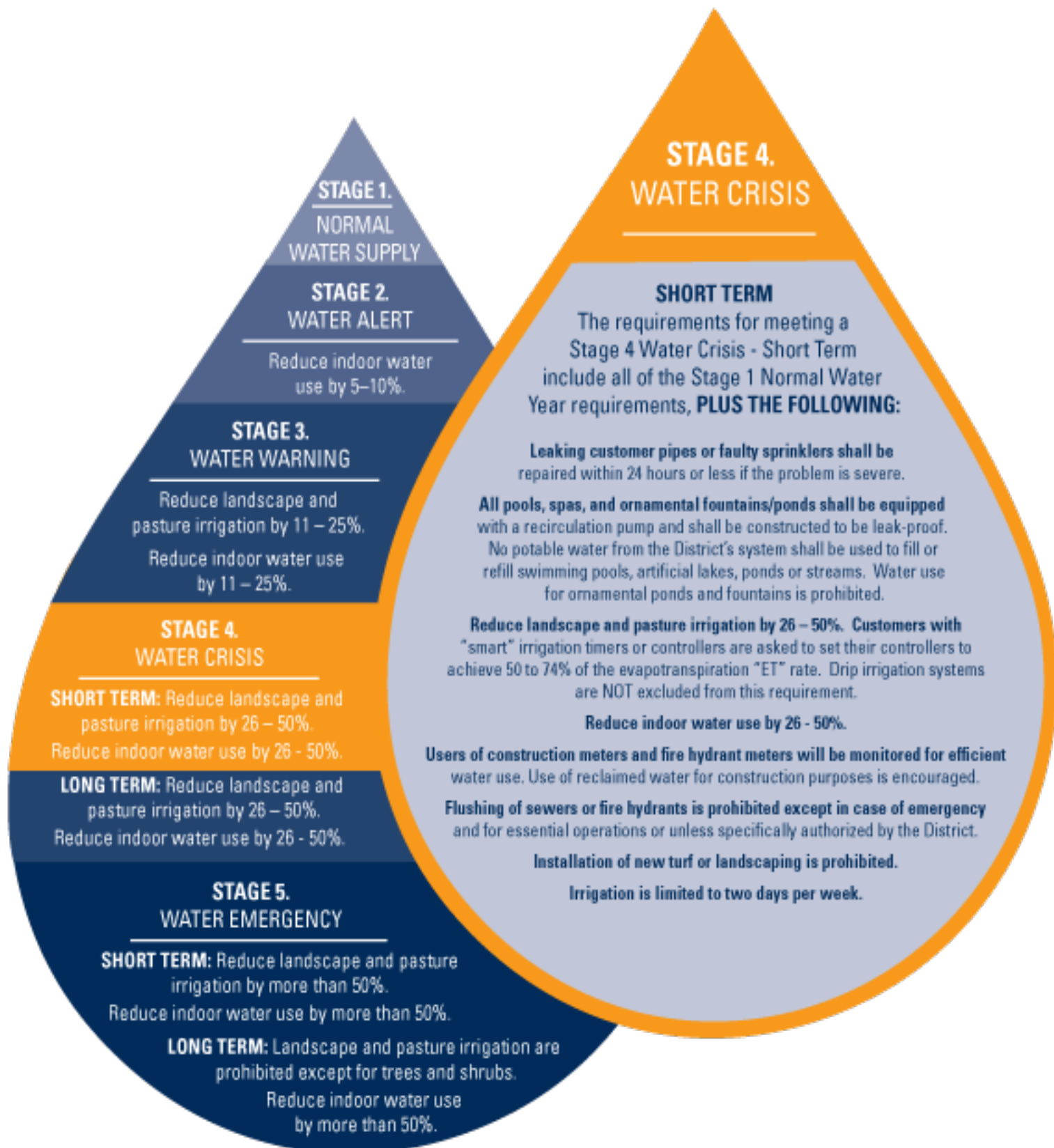
The requirements for meeting a Stage 2 Water Alert include all of the Stage 1 Normal Water Year requirements, **PLUS THE FOLLOWING:**

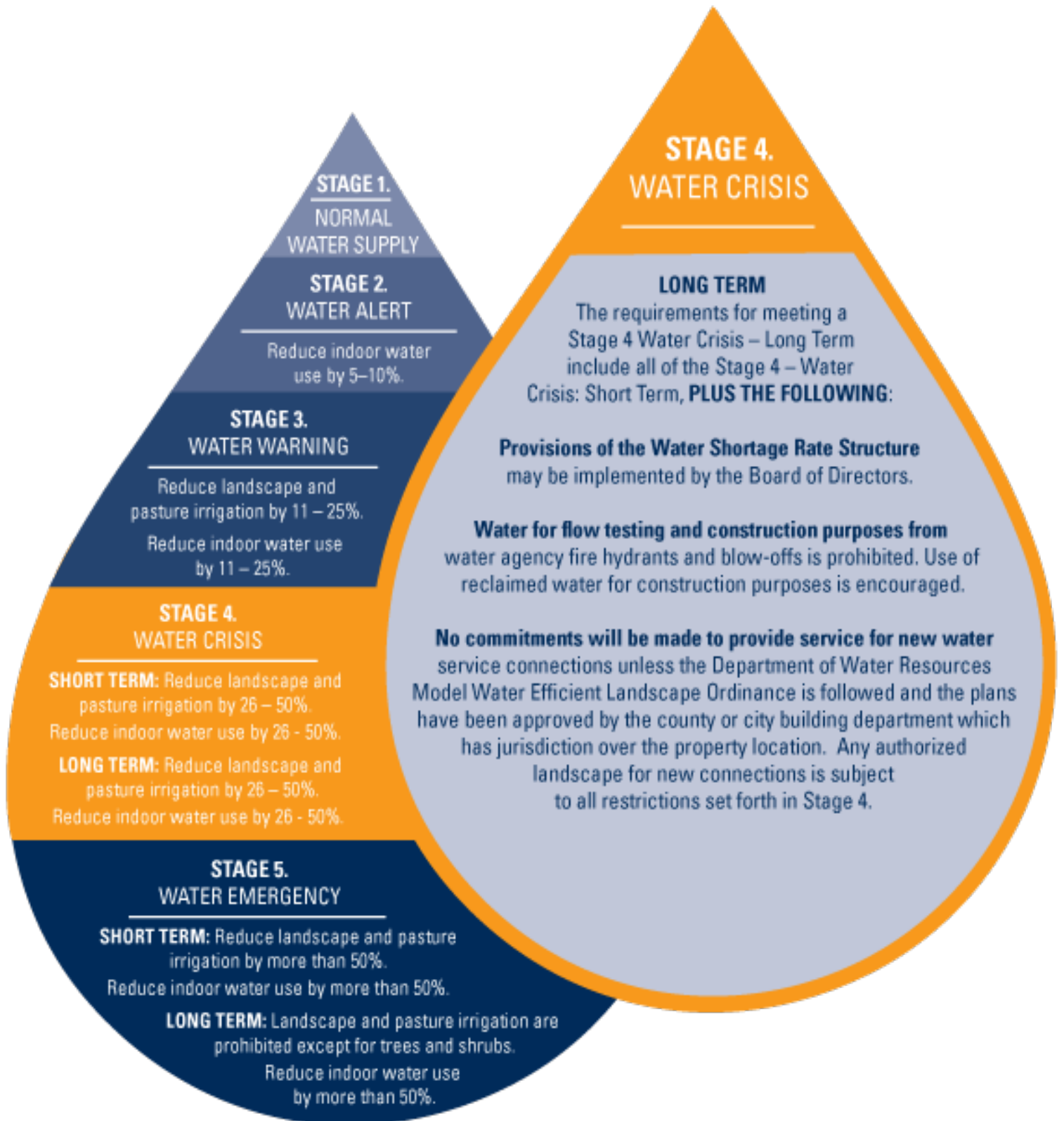
Reduce indoor water use by 5 – 10%.

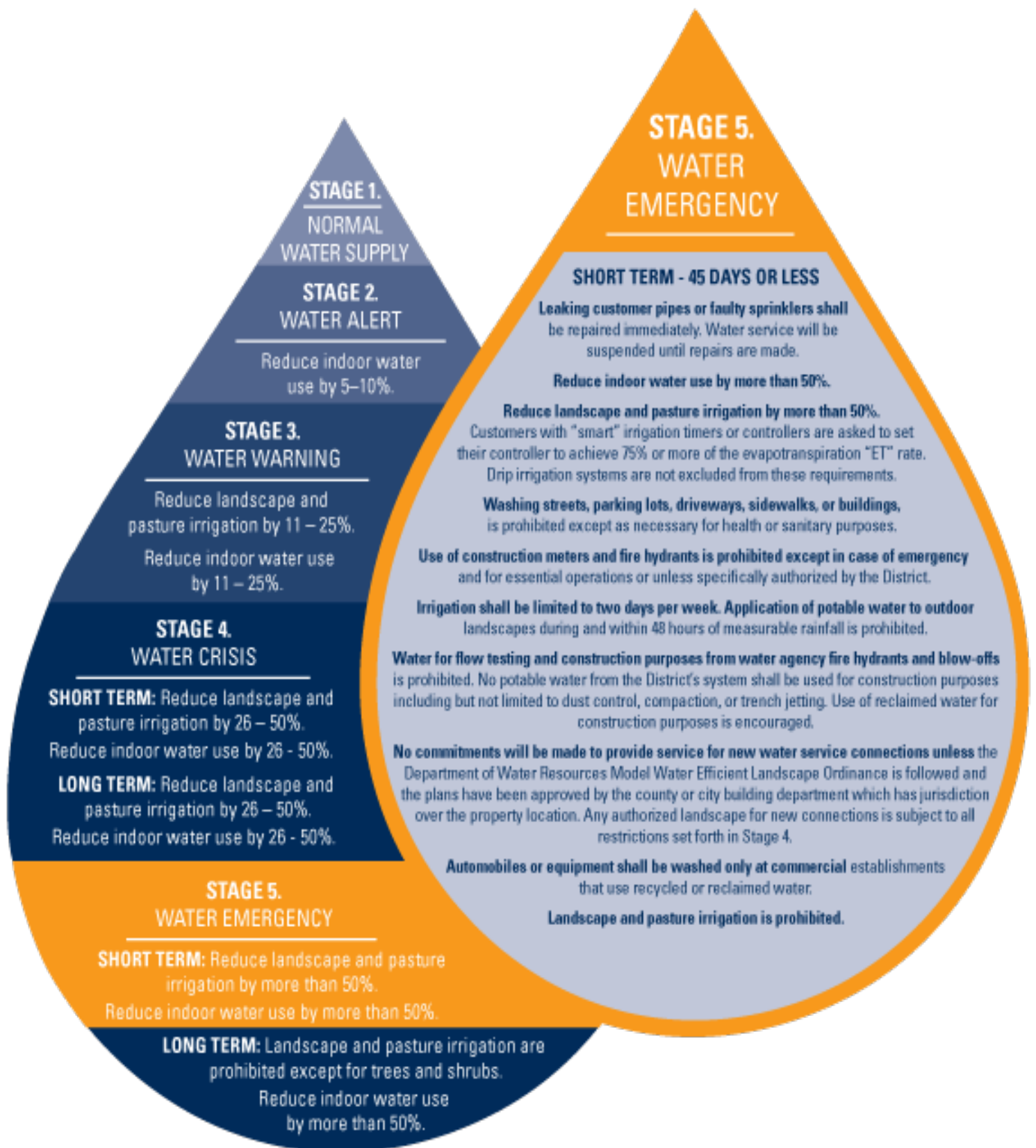
Reduce landscape and pasture irrigation by 5 – 10%. Customers with “smart” irrigation timers or controllers to set their controllers to achieve 90 to 95% of the evapotranspiration “ET” rate. Drip irrigation systems are excluded from this requirement.

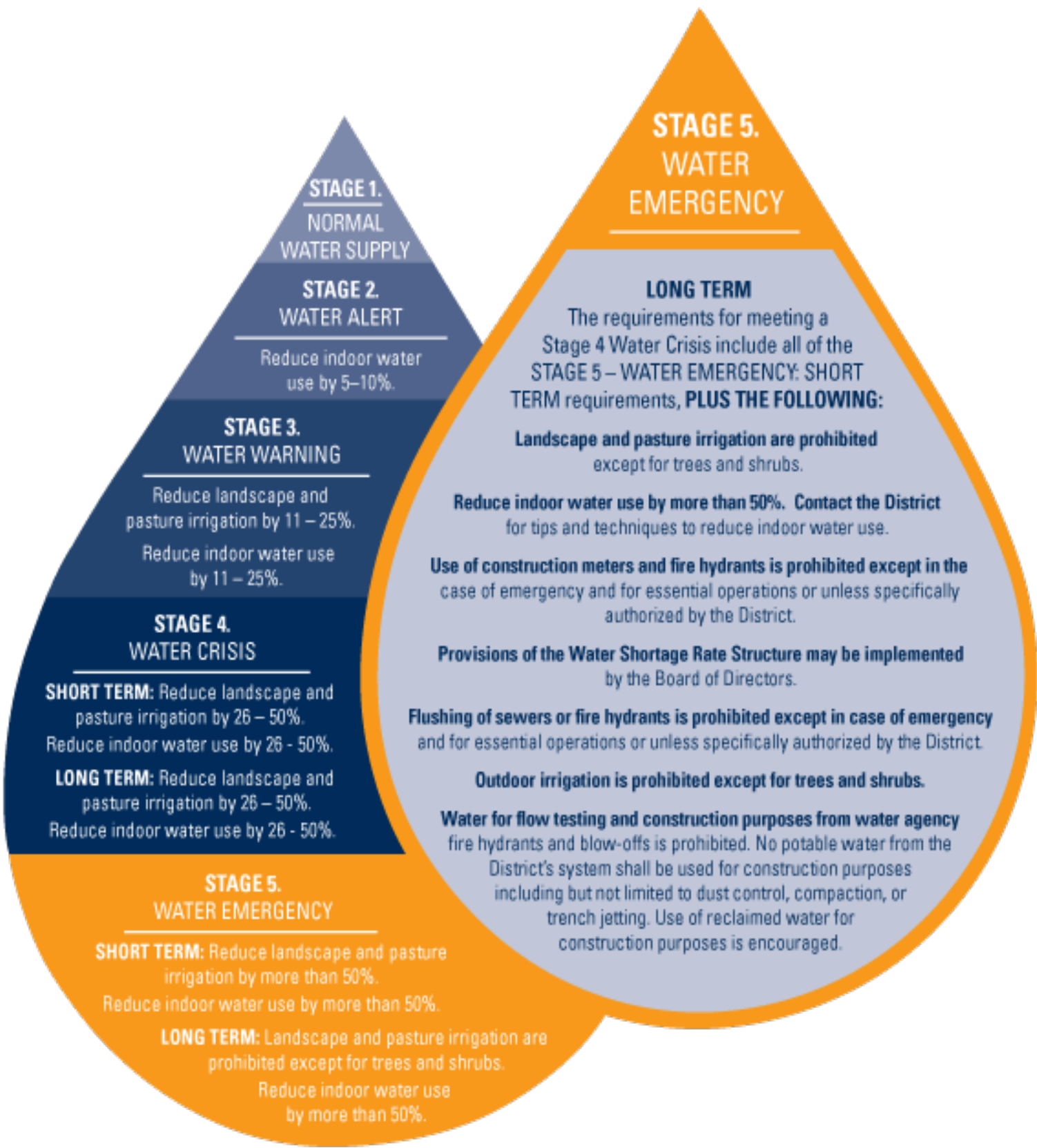
Users of construction meters and fire hydrant meters will be monitored for efficient water use.











“Enforcement of Mandatory Water Conservation Measures”

If any customer or customer employees, contractors or agents violates a Mandatory Water Conservation Measure, the customer shall be warned and/or served by written notice by registered mail, of such failure to comply. The citation shall include the date, time and type of water use violation.

After a warning has been issued, fines may be assessed individually for each occurrence, for any type of prohibited activity. Fines may be assessed as surcharges that will be added to the amounts assessed on the monthly water bill in accordance with the following schedule:

Verbal Warning: A customer may be notified at any time by any means in writing such as a door hanger or in person by the water purveyor, water regulator, law enforcement officer or water purveyor’s authorized agent, that a water violation has been observed on the customer’s premises. A verbal warning is optional by the water purveyor and will depend on the severity of the drought emergency.

First Violation: A written warning issued to the customer’s billing address that describes the violation(s) and that Mandatory Water Conservation Measures are in place. This warning is to be delivered by registered mail.

Second Violation: A \$50.00 surcharge may be added to the customer’s water bill for each violation noted by the Water Purveyor after the written warning has been received by the customer by registered mail.

Third Violation: An additional \$100.00 surcharge shall be added to the customer’s water bill for each and any violation(s) after the Second Violation.

Fourth Violation: The customer’s water service may be immediately terminated and restored only after payment of a surcharge of \$500.00 in addition to all previously assessed surcharges and water charges that may be due.

Notes: Nothing in this section will prevent the Water Purveyor from rationing water to any customer location, where in the purveyor’s opinion, violations of the mandatory Water Conservation Measures are occurring.”

(Source: Florida Rural Water System. Drought Management Plan: A Template for Small Water Systems. August 2005.)

Our water system is under severe constraints due to a lack of storage capacity, and strict limits on the amount of water we may divert from ?????, our only source. We are requesting all our customers to please conserve water indoors and out. Without voluntary conservation, we face the possibility of severe shortages during the summer months. Our fire-fighting capability could be severely affected by such a shortage.

Over-consumption and waste are squandering approximately 30 percent of our system capacity. This is because there is no financial incentive for our customers to conserve water in our old meters, unmetered, flat-rate water system. **Those who waste water cause higher water rates for all Ridgecrest customers.** We're asking all water customers/residents to remind your friends and neighbors about the importance of conserving water. If you see leaks, irrigation water flowing down streets or gutters, or similar waste, please (gently) bring it to the attention of the resident, or call --(system operator) -- at 555-5555, or --(board president) -- at 555-5555. If summer water usage cannot be reduced by voluntary conservation, installation of ultrasmart meters will be required - which would sharply increase water rates for all our customers.

Thank you for your help. Following are many water saving ideas - you can often reduce your water consumption and septic tank loading by 40% or more by making a few simple changes....

SAVING WATER OUTDOORS

Landscaping accounts for 20-50% of all residential water use and provides the best opportunity for water conservation at home.

1. Don't overwater your lawn. As a general rule, lawns only need watering every 5 to 7 days in the summer. A soaking rain eliminates the need for watering for as long as two weeks.
2. As much as 30% of water can be lost to evaporation by watering the lawn during midday. Water lawns during the early morning hours when temperatures and wind speed are the lowest. This reduces losses from evaporation. Water in several short sessions rather than one long one. For example, three ten-minute sessions spaced 30 minutes to an hour apart will allow your lawn to better absorb moisture than one straight 30-minute session. Only water when your lawn is thirsty - overwatering promotes shallow root growth making your lawn less healthy and less drought-tolerant (To determine if your lawn needs to be watered, simply walk on it. If you leave footprints, it's time to water.)
3. Don't water your street, driveway or sidewalk Position your sprinklers so that water lands on the lawn and shrubs - not the paved areas. Turn off the water immediately when runoff flows out of the intended area.
4. Install sprinklers that are the most water-efficient for each use. Micro and drip irrigation and soaker hoses are examples of water-efficient methods of irrigation. Avoid sprinklers that spray a fine mist, which increases evaporation.
5. Regularly check sprinkler systems and timing devices to be sure they are operating properly. Check sprinkler system valves periodically for leaks, and keep the heads in good repair. Install a rain sensor device which will override the irrigation cycle of the sprinkler system when adequate rainfall has occurred. Contact an irrigation professional for more information.
6. Install a drip irrigation system for watering gardens, trees and shrubs. Drip irrigation provides a slow, steady trickle of water to plants at their roots through a network of small hidden hoses. The systems are regulated by a controller that can be adjusted for different levels of watering according to the needs of the plants. Drip irrigation systems reduce overwatering, weed growth, and the time and labor involved in hand watering
7. Raise the lawn mower blade to at least three inches. A lawn cut higher encourages grass roots to grow deeper, shades the root system and holds soil moisture better than a closely-clipped lawn.
8. Avoid overfertilizing your lawn. The application of fertilizers increases the need for water. Apply

fertilizers that contain slow-release, water-insoluble forms of nitrogen.

9. Apply mulch to retain moisture in the soil. Mulching also helps to control weeds that use water needed by your plants.
10. Plant native and/or drought-tolerant grasses, ground covers, shrubs and trees. Once established, they do not need to be watered as frequently and they usually will survive a dry period without any watering. Group plants together based on similar water needs.
11. Don't use a hose to sweep your driveway or sidewalk - use a broom instead. Using a hose to clean a driveway can waste hundreds of gallons of water.
12. Install shut-off nozzles on all your outside hoses so that water flows only as needed. When finished, turn it off at the faucet instead of at the nozzle to avoid leaks.
13. Do not leave sprinklers or hoses unattended. Your garden hose can pour out 600 gallons or more in only a few hours, so don't leave the sprinkler running all day. Use a kitchen timer to remind yourself to turn it off. Better yet, purchase and install an inexpensive hose timer which will turn it on and off at preset times.
14. Check all hoses, connectors and faucets for leaks regularly.
15. If you wash your vehicles at home, park on the grass to do so.
16. Avoid the installation of ornamental water features (such as fountains) unless the water is recycled. Locate them in areas where there are minimal losses due to evaporation and wind drift.
17. If you have a swimming pool, install a water-saving pool filter. A single backflushing with a traditional filter can use 250 or more gallons of water. Cover your spa or pool to reduce evaporation. An average size pool left uncovered can lose as much as 1,000 gallons of water per month. Also, check your spa or pool for leaks and have them repaired promptly.

SAVING WATER INDOORS

1. Never put used water down the drain when there may be another use for it such as watering plants or cleaning.
2. Repair dripping faucets. If your faucet is dripping at the rate of one drop per second, you can expect to waste 2,700 gallons per year which will add to the cost of water and sewer utilities, or strain your septic system.
3. Every time you flush a pre-1980's toilet, it's like pouring 10 large soft drink bottles down the drain. Replace old water-wasting toilets with newer water-saving models, or put a water displacement device such as a toilet dam or an early closure flapper valve inside your tank. You'll find both in the plumbing section of most hardware stores. Check for toilet tank leaks by adding a few drops of food coloring to the tank. If the flush valve is leaking, color will appear in the bowl within 30 minutes. (Flush as soon as test is done, since food coloring may stain the tank.) Check the toilet for worn out, corroded or bent parts. Most replacement parts are inexpensive, readily available and easily installed.
4. Avoid flushing the toilet unnecessarily. Dispose of tissues, insects and other such waste in the trash instead of the toilet.
5. Take shorter showers. Replace your showerhead with a low-flow model (2.5 GPM or lower). Many of these allow you to cut off the water flow to soap up without adjusting the water temperature knobs.
6. Use the minimum amount of water needed for a bath by closing the drain first and filling the tub only 1/3 full. Stopper the tub before turning on the water. Adding hot water later can warm the initial burst of cold water.
7. Don't let water run while shaving or washing your face. Brush your teeth first while waiting for water to get hot, then wash or shave after filling the basin.
8. Install aerators with flow restrictors on all household faucets.
9. Operate automatic dishwashers and clothes washers only when they are fully loaded, or properly set the water level for the size of load you are washing.
10. When washing dishes by hand, fill one sink or basin with soapy water. Quickly rinse under a slow-moving stream from the faucet.
11. Store drinking water in the refrigerator rather than letting the tap run every time you want a cool glass of water.

12. Do not use running water to thaw meat or other frozen foods. Defrost food overnight in the refrigerator or by using the defrost setting on your microwave.
13. Kitchen garbage disposals require lots of water to operate properly. Start a compost pile as an alternate method of disposing food waste instead. Garbage disposals can also add 50% to the volume of solids in a septic tank, which can lead to malfunctions and maintenance problems.
14. Consider installing an instant water heater on your kitchen sink so you don't have to let the water run while it heats up. This will not only save water, but also reduce heating costs for your household.
15. Insulate your water pipes. You'll get hot water faster plus avoid wasting water while it heats up.
16. Avoid the use of evaporative air conditioning systems. Sealed window-type and central air conditioning systems are becoming more power-efficient each year and do not waste water.
17. Use water softening systems only when necessary. Save water and salt by running the minimum number of regenerations necessary to maintain water softness. Turn softeners off while on vacation.
18. If the toilet flush handle frequently sticks in the flush position, letting water run constantly, replace or adjust it.

THINGS TO REMEMBER ABOUT WATER



All the water that has ever been, or will ever be on the Earth is here now. Only 1% of it is useable for human consumption.



All the water that was easy and cheap to use is gone. It was used by previous generations and returned to the environment in one form or another. All future water needed for human consumption will be more difficult to get, more expensive, or both.

Drought Survey

The Governor has proclaimed California to be in a drought and has ordered immediate action to address the situation. CRWA is helping the Department of Water Resources to evaluate the current extent of the situation. Below is a survey with questions about how your water system is currently affected. Please send responses to _____.

We plan to ask for updates until the situation improves.

1 - Please provide your agency name, contact person, e-mail address and phone number.

Agency name: _____
Contact person: _____
E-mail address: _____
Phone number: _____

2 - What is the source of supply of your system? [Please check all that apply]

Groundwater
 Surface water
 Purchased delivery

3 - Will your supply be at risk in the next 6 months?

No, we have a reliable water supply
 Possibly, because _____
 Yes, because _____

4 - How has your system been affected so far? [Check all that apply]

No effect
 Increased water uses due to lack of precipitation
 Decreasing groundwater levels
 Decreased surface water supply
 Warned of possible cutbacks by wholesaler
 Received less water from wholesaler
 Lowered pump in well(s)
 Abandoned one supply source and shifted to another
 Other, please specify: _____

4 - What actions and / or measures are you implementing in response? [Check all that apply]

No current action
 Requesting voluntary conservation
 Declared water supply / drought alert
 Announced restrictions on outdoor watering or other conservation measures
 Increased water audits, leak detection, or waste patrols
 Implemented drought rates / surcharge to discourage high water use
 Implemented mandatory rationing
 Assessing fines for water waste / violation of conservation rules
 Other, please specify: _____

6 - If your agency is not currently taking action, do you anticipate taking action in the next 6 months? Yes / No

Additional comment: _____

7 - Does your system have a drought plan or ordinance(s) in place? Yes / No

8 - Does your system have inter-ties with other systems? Yes / No

Please list which systems: _____

9 - Do you have any mutual aid agreements in place with other systems? Yes / No

Please list which systems: _____

10 - Would you be interested in a packet of information on what assistance is available from the Department of Water Resources or other state agencies? Yes / No

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**BEFORE THE BOARD OF DIRECTORS OF THE
INDIAN WELLS VALLEY GROUNDWATER AUTHORITY**

In the matter of:

Resolution No. 8-22

**AUTHORIZING STAFF TO SUBMIT
GRANT APPLICATIONS WITH THE
DEPARTMENT OF WATER RESOURCES
AND ALLOCATING AN ADDITIONAL
\$45,000 TO THE GRANT APPLICATION BUDGET.**

I, _____, Clerk of the Board of Directors for the Indian Wells Valley Groundwater Authority, do certify that the following resolution, on motion of Director _____, seconded by Director _____, was duly passed and adopted by the Board of Directors at an official meeting this ____ day of _____, 2022, by the following vote:

AYES:

NOES:

ABSENT:

Clerk of the Board of Directors
Indian Wells Valley Groundwater Authority

**THE BOARD OF DIRECTORS OF INDIAN WELLS VALLEY GROUNDWATER
AUTHORITY RESOLVES AS FOLLOWS:**

Section 1. WHEREAS:

- (a) The California Department of Water Resources (DWR) has available Grants pursuant to its Urban Community Drought Relief Grant Program (UCDRGP).
- (b) Grant funding is available for the “construction or installation of recycled water projects that provide immediate relief to potable water supplies” and broadened “new wells or rehabilitation of existing wells to provide emergency relief”.
- (c) The Authority desires to apply for grant funding in excess of \$5 Million for planning activities related to the development of recycled water facilities.
- (d) The Authority further desires to apply for an additional grant on a cost reimbursement basis for the mitigation and/or consolidation of failed wells within Authority jurisdiction.

- (e) The estimated costs to complete the aforementioned applications if \$55,000 and there currently exists a \$10,000 balance in the grant application budget for FY2022.

Section 2. **THEREFORE IT IS RESOLVED** by the Board of Directors of the Indian Wells Valley Groundwater Authority, as follows:

1. This Board finds that recited facts are true and that it has the jurisdiction to consider, approve, and adopt this Resolution.
2. The General Manager or his/her designee is authorized to submit applications with the DWR for Grant opportunities under the UCDRGP for planning activities related to the development of a water recycling plant and for well remediation and/or consolidation.
3. An additional budget appropriation of Forty-Five Thousand Dollars (\$45,000) is authorized and allocated to the FY2022 budget for grant applications.

PASSED, APPROVED, AND ADOPTED, by the Indian Wells Valley Groundwater Authority this ____ day of _____, 2022.

SIGNED:

President of the Board of Directors

ATTEST:

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IWVGA ADMINISTRATIVE OFFICE

STAFF REPORT

TO: IWVGA Board of Directors **DATE: October 12, 2022**

FROM: Carol Thomas-Keefer, General Manager

SUBJECT: Proposed 2023 Budget

In accordance with Section 9.07 of the Groundwater Authority's enabling Joint Exercise of Powers Agreement, staff has developed for Board consideration a draft budget for the fiscal year beginning January 1, 2023.

Key Budget Points and Assumptions:

- The total proposed budget, including projected expenditures from all funds, is approximately \$4.89 million. Total revenues are projected at \$7.57 million. This reflects an increase in proposed expenditures of about \$1 million and an increase in revenues of about \$2 million over 2022 budget. Anticipated revenue and expense of \$2 million associated with the SGMA IP grant is reflected in 2023, as is a projected decrease in operating and legal expense.
- Extraction fee expenses total \$1.89 million and will require an inter-fund transfer of approximately \$368,000 to balance the budget. A grant retention payment of approximately \$204,000 is also included to reimburse the Extraction fee.
- A new revenue and expense column has been added for Navy/COSO Royalty revenues and expenses
- Legal fees relating to pending litigation and outside of general counsel services are again budgeted as expenses to the Augmentation portion of the Replenishment fee fund.
- Administration costs are split equally between Extraction and Replenishment fees, consistent previous approved budgets.
- Annual consultant contract fees (RGS and Capitol Core Group) are generally at 2022 levels and represent a placeholder only, subject to approval or revision when these contracts are presented for renewal in December 2022. Final budget figures will be adjusted to reflect board approvals.
- Repayment to the City of Ridgecrest in amount of \$500,000 toward prior year in-kind services is included in the Extraction fee budget. (Repayment of the Kern County Advance in the amount of \$500,000 will be completed as of December 2022.)

ACTION(S) REQUIRED BY THE BOARD

The Board should review and consider adoption of the proposed 2023 draft budget as presented or with revisions as directed by the Board.

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PROPOSED ANNUAL BUDGET BY REVENUE ALLOCATION

	BY REVENUE ALLOCATION					TOTAL PROPOSED BUDGET
	Restricted Extraction	Restricted Augmentation	Restricted Shallow Well Mitigation	Restricted DWR Grants	Restricted Navy/COSO Royalty	
	REVENUE					
Extraction Fee	1,319,924	-	-	-	-	1,319,924
Augmentation Fee	-	3,912,060	-	-	-	3,912,060
Shallow Well Mitigation	-	-	125,776	-	-	125,776
Dept. of Water Resources -Prop1/68	-	-	-	204,636	-	204,636
Dept. of Water Resources -IP Grant	-	-	-	2,000,000	-	2,000,000
Navy/COSO Royalty Fund	-	-	-	-	15,000	15,000
TOTAL REVENUES	1,319,924	3,912,060	125,776	2,204,636	15,000	7,577,396
EXPENSES						
Administration	400,774	174,980	-	-	-	575,754
Non-Departmental*	500,000	574,000	50,000	-	-	1,124,000
Community & Engagement	60,000	-	-	-	-	60,000
Basin Management Administration	202,500	-	-	-	-	202,500
Basin Management	649,100	170,000	20,000	-	15,000	854,100
Grant Management	80,000	-	-	2,000,000	-	2,080,000
TOTAL EXPENSES	1,892,374	918,980	70,000	2,000,000	15,000	4,896,354
Surplus (Deficit)	(572,450)	2,993,080	55,776	204,636	-	2,681,042

*Extraction Fund includes proposed \$500,000 Repayment to City of Ridgecrest**

BEGINNING & ENDING BALANCES

	Beginning Balances	Revenue	Transfer In**	Transfer Out**	Expenses	Ending Balances
Extraction Fund	-	1,319,924	572,450	-	1,892,374	-
Augmentation Fund	-	3,912,060	-	367,814	918,980	2,625,266
Shallow Well Mitigation Fund	-	125,776	-	-	70,000	55,776
Dept. of Water Resources -Prop1/68	-	204,636	-	204,636	-	-
Dept. of Water Resources -IP Grant	-	2,000,000	-	-	2,000,000	-
Navy/COSO Royalty Fund	-	15,000	-	-	15,000	-
TOTAL	-	7,577,396	572,450	572,450	4,896,354	2,681,042

*** The Extraction Fund Budget will be balanced through a loan from the Augmentation Fund.*

PROPOSED REVENUES

	Actual 2018	Actual 2019	Actual 2020	Actual 2021	Est.Actual 2022	Estimated 2023	\$ Diff
Extraction Fee	166,261	514,784	795,136	1,319,924	1,319,924	1,319,924	
Augmentation Fee	-	-	-	4,076,498	3,753,599	3,912,060	158,461
Shallow Well Mitigation Fee	-	-	-	125,776	125,776	125,776	-
TOTAL	<u>166,261</u>	<u>514,784</u>	<u>795,136</u>	<u>5,522,199</u>	<u>5,199,299</u>	<u>5,357,760</u>	<u>158,461</u>

Assumptions:

Prior Year Actuals based on audited revenues

Projections conservatively based on prior year actuals

Augmentation FY2022 forecast based on 2021 production data provided by IWVWD; FY 2023 is based on IWVWD 2022 Schedule of Payments

FY 2023 difference of \$158,461 is the January 2022 credit for prior year IWVWD overpayment less estimated Shallow Well Mitigation Fee

Notes:

Additional revenue is pending from Searles Valley Minerals and Mojave Pistachios

Augmentation Fee has also been referred to as Replenishment Fee or Basin Replenishment Fee

Shallow Well Mitigation Fee has also been referred to as Transient Pool Fee.

OUTSTANDING OBLIGATIONS

	Kern County	City of Ridgecrest	Augmentation Fund	Total
Advance Agreements				
Advance of Funds	500,000	-	-	500,000
Advance Repayment	(500,000)	-	-	(500,000)
In-Kind Services				
Attorney Srvcs./IT/Chambers -FY22 -YE Est	-	271,401	-	271,401
Attorney Srvcs./IT/Chambers -FY 21	-	325,235	-	325,235
Attorney Srvcs./IT/Chambers -FY's16-20	-	366,982	-	366,982
Inter-Fund Loans				
2023 Loan to Extraction Fund-Estimated*	-	-	367,814	367,814
Repayment of Adv. Of Funds to IWVWD**	-	-	500,000	500,000
Repymt of Adv. Of Funds to Kern Cty-YE Est***	-	-	142,200	142,200
Postponed Invoice Payments				
None	-	-	-	-
Total	-	963,618	1,010,014	1,973,632

*Estimated and included in proposed budget**

*IWVWD used restricted Augmentation Revenue to repay the Advance Agreement***

Repayment of the IWVWD Advance requires a transfer from the Extraction Fund to the Augmentation Fund.

*Kern Cnty Repymnt was \$500k but it is estimated only \$142,200 will be loaned from the Augmentation Fund at YE****

City of Ridgecrest In-Kind Services includes services associated with Extraction and Augmentation expenses.

PROPOSED 2023 OBLIGATION REPAYMENTS

	Kern County	City of Ridgecrest	Augmentation Fund	Total
Advance Agreements				
Advance of Funds-Est. Repayment 12/31/2022	-	-	-	-
In-Kind Services				
Attorney Services/IT/Council Chambers	-	500,000	-	500,000
Financing				
Water Purchase related Financing- TBD	-	-	-	-
	-	500,000	-	500,000

Upon repayment of Obligations, an inter-fund loan will be created between the Extraction Fund and Augmentation Fund for amount not funded by the Extraction Fund.

PROPOSED ANNUAL BUDGET - BALANCED

BY REVENUE ALLOCATION

Restricted	Restricted	Restricted	Restricted	Restricted	TOTAL
Extraction	Augmentation	Shallow Well Mitigation	DWR Grants	Navy/COSO Royalty	PROPOSED BUDGET
1,319,924	-	-	-	-	1,319,924
367,814	-	-	-	-	367,814
204,636	-	-	-	-	204,636
-	3,912,060	-	-	-	3,912,060
-	-	-	-	-	-
-	-	125,776	-	-	125,776
-	-	-	204,636	-	204,636
-	-	-	2,000,000	-	2,000,000
-	-	-	-	15,000	15,000
1,892,374	3,912,060	125,776	2,204,636	15,000	8,149,846

1	REVENUE						1
2	Extraction Fee	1,319,924	-	-	-	-	1,319,924
3	Transfer In/Loan from Augmentation Fund	367,814	-	-	-	-	367,814
4	Transfer In from Grant Funds-Prop 1/ Prop 68 (Retention Rpaymt)	204,636	-	-	-	-	204,636
5	Augmentation Fee	-	3,912,060	-	-	-	3,912,060
6	Transfer In/Loan Repayment from Extraction Fund	-	-	-	-	-	-
7	Shallow Well Mitigation Fee	-	-	125,776	-	-	125,776
8	Department of Water Resources (DWR) Grants-Prop 1/68	-	-	-	204,636	-	204,636
9	Department of Water Resources (DWR) Grants-IP Grant	-	-	-	2,000,000	-	2,000,000
10	Navy/COSO Royalty Fund	-	-	-	-	15,000	15,000
11							11
12	TOTAL REVENUES	1,892,374	3,912,060	125,776	2,204,636	15,000	8,149,846
13							13
14	EXPENSES						14
15	Administration						15
16	Administration (RGS)	166,500	166,500	-	-	-	333,000
17	Office Rent (City of Ridgecrest)	1,800	1,800	-	-	-	3,600
18	Office Supplies	500	500	-	-	-	1,000
19	Postage and Delivery	180	180	-	-	-	360
20	External Audit	6,000	6,000	-	-	-	12,000
21	Council Chambers/IT Services (City of Ridgecrest)	8,500	-	-	-	-	8,500
22	General Counsel (Aleshire & Wynder/City of Ridgecrest)	200,000	-	-	-	-	200,000
23	Insurance Premium (Insurica)	14,870	-	-	-	-	14,870
24	Legal Notices (Daily Independent)	2,000	-	-	-	-	2,000
25	Memberships (Cal. Assoc.Mutual Water Co)	100	-	-	-	-	100
26	Website (IWVWD)	300	-	-	-	-	300
27	Printing and Reproduction	-	-	-	-	-	-
28	Bank Service Charges	24	-	-	-	-	24

PROPOSED ANNUAL BUDGET - BALANCED

BY REVENUE ALLOCATION

Restricted Extraction	Restricted Augmentation	Restricted Shallow Well Mitigation	Restricted DWR Grants	Restricted Navy/COSO Royalty	TOTAL PROPOSED BUDGET
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29	Non-Departmental						29	
30	Other Legal Services (RWG Law)	-	400,000	-	-	-	400,000	30
31	Lobbying Services (Capitol Core)	-	174,000	-	-	-	174,000	31
32	Other Professional Services	-	-	-	-	-	-	32
33	Shallow Well Mitigation Emergency Assistance Program	-	-	50,000	-	-	50,000	33
34	Repayment of Kern County Advance	-	-	-	-	-	-	34
35	Repayment of City of Ridgecrest In-Kind Services	500,000	-	-	-	-	500,000	35
36	Transfer Out/ Loan Repayment to Augmentation Fund	-	-	-	-	-	-	36
37	Transfer Out/Loan to Extraction Fund	-	367,814	-	204,636	-	572,450	37
38								38
39	Community & Engagement							39
40	Design Services	25,000	-	-	-	-	25,000	40
41	Printing and Reproduction	10,000	-	-	-	-	10,000	41
42	Website Services	25,000	-	-	-	-	25,000	42
43								43
44	Basin Management Administration							44
45	Production Reporting, Transient Pool, and Fee Support (Stetson)	5,000	-	-	-	-	5,000	45
46	Meetings and Prep (Stetson)	140,000	-	-	-	-	140,000	46
47	Budget Support (Stetson)	7,500	-	-	-	-	7,500	47
48	Stakeholder Coordination (Stetson)	10,000	-	-	-	-	10,000	48
49	Litigation Support (Stetson)	40,000	-	-	-	-	40,000	49
50								50

PROPOSED ANNUAL BUDGET - BALANCED

BY REVENUE ALLOCATION

Restricted Extraction	Restricted Augmentation	Restricted Shallow Well Mitigation	Restricted DWR Grants	Restricted Navy/COSO Royalty	TOTAL PROPOSED BUDGET
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51	Basin Management					51	
52	General Engineering (Stetson)	50,000	-	-	-	50,000	52
53	TSS: El Paso Well Drilling Support (Stetson)	-	-	-	-	-	53
54	TSS: General Coordination/Application Support (Stetson)	15,000	-	-	-	15,000	54
55	Coordination with DWR on GSP Review (Stetson)	-	-	-	-	-	55
56	GSP 5-Year Update (Stetson)	50,000	-	-	-	50,000	56
57	Annual Report Preparation (Stetson)	50,000	-	-	-	50,000	57
58	Data Management System Support (Stetson)	30,000	-	-	-	30,000	58
59	Allocation Plan: Allocation Process & Transient Pool Support (Stetson)	-	-	-	-	-	59
60	Allocation Plan and Rules & Regs on Pumping/Restrictions (Stetson)	12,000	-	-	-	12,000	60
61	Allocation Plan: Fallowing & Transient Pool Transfer Program (Stetson)	-	-	-	-	-	61
62	Conservation Efforts (Stetson)	10,000	-	-	-	10,000	62
63	General Project Management (Stetson)	30,000	-	-	-	30,000	63
64	Model Transfer and Upgrade (Stetson)	200,000	-	-	-	200,000	64
65	Navy/Coso Royalty Fund: Develop Projects & Secure Funding (Stetson)	25,000	-	-	-	25,000	65
66	Navy/Coso Royalty Fund: Rose Valley MW Permitting, Bid, Drilling (Stetson)	-	-	-	15,000	15,000	66
67	Data Collection, Monitoring, and Data Gaps (Stetson)	145,000	-	-	-	145,000	67
68	Imported Water: Negotiations and Coordination(Stetson)	-	20,000	-	-	20,000	68
69	Imported Water: Engineering and Analysis(Stetson)	-	-	-	-	-	69
70	Recycled Water (Stetson)	-	150,000	-	-	150,000	70
71	Shallow Well Mitigation Program: Plan Development (Stetson)	-	-	-	-	-	71
72	Shallow Well Mitigation Program: Outreach and Impacts Eval.(Stetson)	-	-	20,000	-	20,000	72
73	Brackish Water Group: Data Review and Coordination(Stetson)	-	-	-	-	-	73
74	Review of Outside Studies and Coordination (Stetson)	30,000	-	-	-	30,000	74
75	Well Monitoring Services (WellIntel Inc.)	2,100	-	-	-	2,100	75
76	Weather Station Maintenance(Stetson)	-	-	-	-	-	76

PROPOSED ANNUAL BUDGET - BALANCED

BY REVENUE ALLOCATION

	Restricted Extraction	Restricted Augmentation	Restricted Shallow Well Mitigation	Restricted DWR Grants	Restricted Navy/COSO Royalty	TOTAL PROPOSED BUDGET
77 Grant Management						77
78 Prop 1 / Prop 68 Grant Administration (Stetson)	5,000	-	-	-	-	5,000 78
79 Grant Review and Application Preparation (Stetson)	75,000	-	-	-	-	75,000 79
80 IP Grant Administration (Stetson)	-	-	-	70,000	-	70,000 80
81 Planning/Design/Envrionmental (Stetson)	-	-	-	175,000	-	175,000 81
82 Engagement/Outreach (Stetson)	-	-	-	25,000	-	25,000 82
83 Engagement /Outreach-Other Professional Services	-	-	-	1,730,000	-	1,730,000 83
84						84
85 TOTAL EXPENSES	<u>1,892,374</u>	<u>1,286,794</u>	<u>70,000</u>	<u>2,204,636</u>	<u>15,000</u>	<u>5,468,804</u> 85
86						86
87 Surplus (Deficit)	<u>-</u>	<u>2,625,266</u>	<u>55,776</u>	<u>-</u>	<u>-</u>	<u>2,681,042</u> 87

EXTRACTION FUND

REVENUE	<u>PROPOSED BUDGET</u>
Extraction Fee	1,319,924
Transfer In/Loan From Augmentation Fund	367,814
Transfer In from Grant Funds-Prop 1/ Prop 68 (Retention Rpyamt)	204,636
TOTAL EXTRACTION FUND REVENUES	<u>1,892,374</u>

EXPENSES	<u>PROPOSED BUDGET</u>
Administration	
Administration	166,500
Office Rent	1,800
Office Supplies	500
Postage and Delivery	180
External Audit	6,000
Council Chambers/IT Services	8,500
General Counsel	200,000
Insurance Premium	14,870
Legal Notices	2,000
Memberships	100
Website	300
Bank Service Charges	24
Non-Departmental	
Repayment of City of Ridgecrest In-Kind Services	500,000
Community & Engagement	
Design Services	25,000
Printing and Reproduction	10,000
Website Services	25,000
Basin Management Administration	
Production Reporting, Transient Pool, and Fee Support	5,000
Meetings and Prep	140,000
Budget Support	7,500
Stakeholder Coordination	10,000
Litigation Support	40,000
Basin Management	
General Engineering	50,000
TSS: General Coordination/Application Support	15,000
GSP 5-Year Update	50,000
Annual Report Preparation	50,000
Data Management System Support	30,000

EXTRACTION FUND (Cont'd)

	PROPOSED BUDGET
EXPENSES	
Basin Management (Cont'd)	
Allocation Plan and Rules & Regs on Pumping/Restrictions	12,000
Conservation Efforts	10,000
General Project Management	30,000
Model Transfer and Upgrade	200,000
Navy/Coso Royalty Fund: Develop Projects & Secure Funding	25,000
Data Collection, Monitoring, and Data Gaps	145,000
Review of Outside Studies and Coordination	30,000
Well Monitoring Services	2,100
Grant Management	
Prop 1 / Prop 68 Grant Administration	5,000
Grant Review and Application Preparation	75,000
TOTAL EXTRACTION FUND EXPENSES	1,892,374
Total Extraction Fund Surplus (Deficit)	-

AUGMENTATION FUND

	PROPOSED BUDGET
REVENUE	
Augmentation Fee	3,912,060
Transfer In/Loan Repayment from Extraction Fund	-
TOTAL AUGMENTATION FUND REVENUES	3,912,060

	PROPOSED BUDGET
EXPENSES	
Administration	
Administration	166,500
Office Rent	1,800
Office Supplies	500
Postage and Delivery	180
External Audit	6,000
Non-Departmental	
Other Legal Services	400,000
Lobbying Services	174,000
Other Professional Services	-
Transfer Out/Loan To Extraction Fund	367,814
Basin Management	
Imported Water: Negotiations and Coordination	20,000
Recycled Water	150,000
TOTAL AUGMENTATION FUND EXPENSES	1,286,794
Augmentation Fund Surplus (Deficit)	2,625,266

SHALLOW WELL MITIGATION FUND

	PROPOSED BUDGET
REVENUE	
Shallow Well Mitigation Fee	125,776
TOTAL SHALLOW WELL MITIGATION FUND REVENUES	125,776
	PROPOSED BUDGET
EXPENSES	
Non-Departmental	
Shallow Well Mitigation Emergency Assistance Program	50,000
Basin Management	
Shallow Well Mitigation Program: Outreach and Impacts Evaluation	20,000
TOTAL SHALLOW WELL MITIGATION FUND EXPENSES	70,000
Shallow Well Mitigation Fund Surplus (Deficit)	55,776

DEPARTMENT OF WATER RESOURCES GRANTS FUND

	PROPOSED BUDGET
REVENUE	
Proposition 1-Integrated Regional Water Management Implementation Plan (IRWM)	175,307
Proposition 68-Sustainable Groundwater Management (SGM)	29,329
Sustainable Groundwater Management Grant Program-SGMA Implementation Grant	2,000,000
TOTAL DEPT. OF WATER RESOURCES GRANTS FUND REVENUES	2,204,636
	PROPOSED BUDGET
EXPENSES	
Non-Departmental- Prop1 & Prop. 68	
Transfer Out to Extraction Fund (Retention Repayment)	204,636
Implementation Grant	
Grant Management	
IP Grant Administration	70,000
Planning/Design/Environmental	175,000
Engagement/Outreach	25,000
Engagement /Outreach-Other Professional Services	1,730,000
TOTAL DEPT. OF WATER RESOURCES GRANTS FUND EXPENSES	2,204,636
Dept. of Water Resources Grants Fund Surplus (Deficit)	0

NAVY/COSO ROYALTY FUND

	PROPOSED BUDGET
REVENUE	
Navy/COSO Royalty Fund	15,000
TOTAL NAVY/COSO ROYALTY FUND	15,000
	PROPOSED BUDGET
EXPENSES	
Basin Management	
Navy/Coso Royalty Fund: Rose Valley MW Permitting, Bid, Drilling	15,000
SUBTOTAL NAVY/COSO FUND EXPENSES	15,000
Navy/COSO Royalty Fund Surplus (Deficit)	-

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ESTIMATED YEAR-END BUDGET- BALANCED

				ACTUALS BY REVENUE ALLOCATION							
				Restricted	Restricted	Restricted	Restricted	Restricted	Adjusted		
				Extraction	Augmentation	Shallow Well Mitigation	Grants	Navy/COSO Royalty	Vs		
									Year-End		
				ADOPTED BUDGET	ADJUSTED BUDGET	YEAR-END BUDGET					
1	REVENUE									1	
2	Extraction Fee	1,245,105	1,245,105	1,319,924	1,319,924	-	-	-	-	74,819	2
3	Transfer In/Loan from Augmentation Fund	1,062,745	1,062,745	142,200	142,200	-	-	-	-	(920,545)	3
4	Transfer In/Loan from Grant Funds	-	-	122,653	122,653	-	-	-	-	122,653	4
5	Augmentation Fee	4,069,625	4,069,625	3,753,599	-	3,753,599	-	-	-	(316,026)	5
6	Transfer In/Loan Repayment from Extraction Fund	-	-	-	-	-	-	-	-	-	6
7	Shallow Well Mitigation Fee	195,250	195,250	125,776	-	-	125,776	-	-	(69,474)	7
8	Department of Water Resources (DWR) Grants-Prop 1/68	338,500	338,500	287,653	-	-	-	287,653	-	(50,847)	8
9	Department of Water Resources (DWR) Grants-IP Grant	-	500,000	500,000	-	-	-	500,000	-	-	9
10	Navy/COSO Royalty Fund	-	300,000	300,000	-	-	-	-	300,000	-	10
11	TOTAL REVENUES	6,911,225	7,711,225	6,551,805	1,584,777	3,753,599	125,776	787,653	300,000	(1,159,420)	11
12	EXPENSES										12
13	Administration										13
14	Administration	333,000	333,000	333,000	166,500	166,500	-	-	-	-	14
15	Office Rent	3,600	3,600	3,600	1,800	1,800	-	-	-	-	15
16	Office Supplies	1,000	1,000	1,000	500	500	-	-	-	-	16
17	Postage and Delivery	360	360	360	180	180	-	-	-	-	17
18	External Audit	12,000	24,000	24,000	12,000	12,000	-	-	-	-	18
19	Council Chambers/IT Services	8,500	8,500	-	-	-	-	-	-	(8,500)	19
20	General Counsel	150,000	150,000	2,529	2,529	-	-	-	-	(147,471)	20
21	Insurance Premium	13,160	13,160	12,930	12,930	-	-	-	-	(230)	21
22	Legal Notices	2,000	2,000	-	-	-	-	-	-	(2,000)	22
23	Memberships	100	100	100	100	-	-	-	-	-	23
24	Website	300	300	276	276	-	-	-	-	(24)	24
25	Printing and Reproduction	-	-	-	-	-	-	-	-	-	25
26	Bank Service Charges	-	12	12	12	-	-	-	-	-	26
27											27
28	Non-Departmental										28
29	Other Legal Services	500,000	500,000	310,000	-	310,000	-	-	-	(190,000)	29
30	Lobbying Services	175,000	175,000	174,000	-	174,000	-	-	-	(1,000)	30
31	Other Professional Services	-	20,350	20,350	20,350	-	-	-	-	-	31
32	Shallow Well Mitigation Emergency Assistance Program	50,000	50,000	20,000	-	-	20,000	-	-	(30,000)	32
33	Repayment of Kern County Advance	500,000	500,000	500,000	500,000	-	-	-	-	-	33
34	Repayment of City of Ridgecrest In-Kind Services	300,000	300,000	-	-	-	-	-	-	(300,000)	34
35	Transfer Out/ Loan Repayment to Augmentation Fund	-	-	-	-	-	-	-	-	-	35
36	Transfer Out/Loan to Extraction Fund From Grant	-	-	122,653	-	-	-	122,653	-	122,653	36
37	Transfer Out/Loan to Extraction Fund	1,062,745	1,062,745	142,200	-	142,200	-	-	-	(920,545)	37
38											38

ESTIMATED YEAR-END BUDGET- BALANCED

		ACTUALS BY REVENUE ALLOCATION								
	ADOPTED BUDGET	ADJUSTED BUDGET	YEAR-END BUDGET	Restricted Extraction	Restricted Augmentation	Restricted Shallow Well Mitigation	Restricted Grants	Restricted Navy/COSO Royalty	Adjusted Vs Year-End	
39	Community & Engagement									39
40										40
41										41
42										42
43	Conservation Programs									43
44										44
45										45
46	Basin Management Administration									46
47										47
48										48
49										49
50										50
51										51
52										52
53	Basin Management									53
54										54
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77										77
78										78

ESTIMATED YEAR-END BUDGET- BALANCED

		ACTUALS BY REVENUE ALLOCATION								
		ADOPTED	ADJUSTED	YEAR-END	Restricted	Restricted	Restricted	Restricted	Restricted	Adjusted
		BUDGET	BUDGET	BUDGET	Extraction	Augmentation	Shallow Well Mitigation	Grants	Navy/COSO Royalty	Vs Year-End
79	EXPENSES (Cont'd)									
80	Basin Management (cont'd)									
81	Shallow Well Mitigation Program: Plan Development	-	-	-	-	-	-	-	-	-
82	Shallow Well Mitigation Program: Outreach and Impacts Eval.	20,000	20,000	20,000	-	-	20,000	-	-	-
83	Brackish Water Group: Data Review and Coordination	7,500	7,500	2,000	2,000	-	-	-	-	(5,500)
84	Review of Outside Studies and Coordination	-	-	-	-	-	-	-	-	-
85	Well Monitoring Services	2,100	2,100	2,100	2,100	-	-	-	-	-
86	Weather Station Maintenance	-	-	-	-	-	-	-	-	-
87										
88	Grant Management									
89	Prop 1 / Prop 68 Grant Administration	70,000	70,000	70,000	70,000	-	-	-	-	-
90	Grant Review and Application Preparation	50,000	50,000	40,000	40,000	-	-	-	-	(10,000)
91	<i>IP Grant Administration</i>	-	20,000	20,000	-	-	-	20,000	-	-
92	<i>Planning/Design/Envrionmental</i>	-	40,000	40,000	-	-	-	40,000	-	-
93	<i>Engagement/Outreach</i>	-	5,000	5,000	-	-	-	5,000	-	-
94	<i>Engagement /Outreach-Other Professional Services</i>	-	435,000	435,000	-	-	-	435,000	-	-
95										
96	TOTAL EXPENSES	4,982,075	5,482,087	3,594,610	1,584,777	882,180	40,000	787,653	300,000	(1,887,477)
97										
98	Surplus (Deficit)	1,929,150	2,229,138	2,957,195	-	2,871,419	85,776	-	-	728,057

Items italicized and bold are budget amendments for FY 2022 and/or will be initiated in the year-end audit process

Note: Certain Navy/COSO related expenses have been moved to a new Navy/COSO Fund as the majority of the costs will be reimbursed.

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IWVGA Board Meeting
October 12, 2022

Grant Funding

Proposition 1 Status Update

- Invoice #14a
 - Covers January 2022 through March 2022
 - Total requested payment after retention: **\$64,941.88**
 - Status: Under DWR review
- Invoice #15a
 - Covers April 2022 through June 2022
 - Total requested payment after retention: **\$17,532.41**
 - Status: Under DWR review

AGENDA ITEM 15.a.i 1



1

IWVGA Board Meeting
October 12, 2022

Grant Funding

Proposition 68 Status Update

- Invoice #14b
 - Covers January 2022 through March 2022
 - Total requested payment after retention: **\$1,885.36**
 - Status: Approved, currently awaiting payment
- Invoice #15b
 - Covers April 2022 through June 2022
 - Total requested payment after retention: **\$21,932.48**
 - Status: Under DWR review

AGENDA ITEM 15.a.ii 2



2

IWVGA Board Meeting
October 12, 2022

Grant Funding

Proposition 1/68 Grant Closeout

- Recent Submittal
 - Draft Grant Completion Report submitted October 2, 2022
- Upcoming Submittal
 - Component 5 and 6 Deliverables due October 31, 2022
 - Progress Report due November 30, 2022

AGENDA ITEM 11.a.ii

3



3

IWVGA Board Meeting
October 12, 2022

Grant Funding

SGMA-Implementation Grant Status Update

- DWR Grant Submissions
 - Environmental Information Form (EIF), Draft Deliverable Schedule, Mileage Start/End Points, and Rate Schedules provided to DWR
 - Provide First Progress Report and Invoice to DWR by November 31, 2022
- Imported Water Pipeline Alignment Study
 - Provost & Pritchard
 - October Monthly Progress Meeting on October 3, 2022
 - 2nd Field Trip on September 23, 2022
 - Requested Data from AVEK regarding California City Feeder
 - Developed 11 Preliminary Alignments

AGENDA ITEM 15.a.iii

4



4

IWVGA Board Meeting
October 12, 2022

Grant Funding

SGMA-Implementation Grant Status Update (cont.)

- Imported Water Pipeline Alignment Study
 - Provost & Pritchard
 - Next Steps
 - Provost & Pritchard continues to screen the 11 preliminary alignments based on constructability and encroachment into Federal lands (i.e. U.S. Department of the Interior Bureau of Land Management (BLM) land, U.S. Department of the Interior Fish and Wildlife Service protected areas)
 - Provost & Pritchard anticipates presenting 3 possible alignments to the TAC late October/ early November
 - Ongoing coordination with Capitol Core/ AVEK on Data Sharing and Cost Sharing Agreement
 - Deliverables: Task 1 through 3 Tech Memos expected to be submitted in October

AGENDA ITEM 15.a.iii

5



5

IWVGA Board Meeting
October 12, 2022

GSP Implementation Projects/Management Action Updates

Recycled Water Program Update

- Recycled Water Alternatives Analysis
 - Analysis has determined that advanced treatment and injection into the Basin of the available recycled water is the most feasible project.
 - Prepared draft evaluation of Water District suggested injection well site
 - Under internal review
 - Started investigation of disposal of brine from advanced treatment process
- Next Steps
 - Continue development of selected project including additional non-City treatment needs & sites, storage needs, and other information for preliminary design
 - Ongoing coordination with Capitol Core on potential grant funding opportunities
 - Draft final tech memo planned for late 2022

AGENDA ITEM 15b.i

6



6

IWVGA Board Meeting October 12, 2022

GSP Implementation Projects/Management Action Updates

Recycled Water Program Update

- U.S. Bureau of Reclamation Title XVI Feasibility Study
 - Board authorized Water Resource Manager to proceed with Title XVI Feasibility Study during July 22,2022 Special Board Meeting
 - Met with Trussell Technologies to discuss advanced treatment technology on September 22nd
 - Developed Draft Outline for the Study and began drafting text

AGENDA ITEM 15b.ii 7



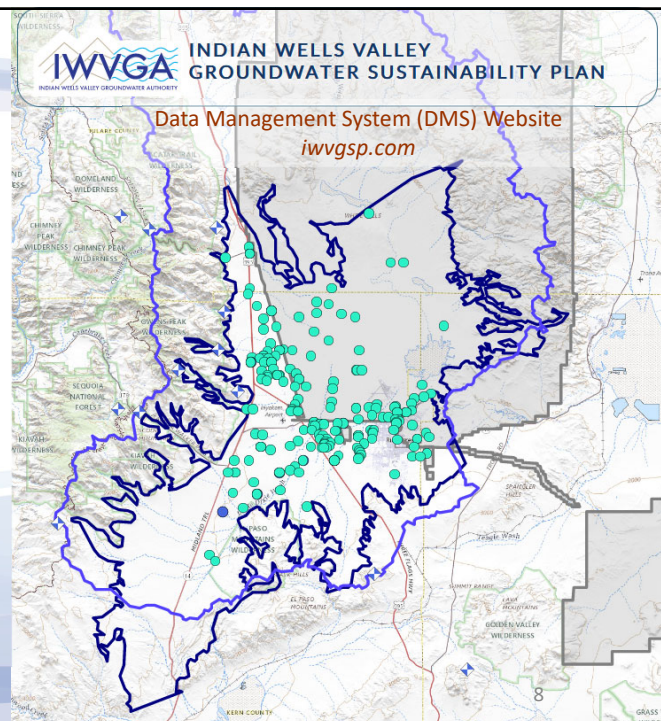
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IWVGA Board Meeting October 12, 2022

Data Collection and Monitoring Update

- Fall 2022 Groundwater Level Measurements: Oct 3-6
 - 162 monitoring sites currently in the program
 - 9 are multi-level nested wells showing vertical profile
 - Initial data collected from GDE monitoring wells
 - Data will be reviewed/posted on DMS/SGMA websites
- Stream Gages and Precipitation Station
 - Equipment check and maintenance
- Fall 2022 Water Quality Sampling
 - 12 IWV Basin monitoring wells
 - 5 Domestic wells
 - 6 El Paso Subarea monitoring wells
- Navy Real Estate Access Agreements
 - Cadastral mapping underway for Telemetry at 5 NAWs monitoring wells (GSP Key Wells)

AGENDA ITEMS 15c.i and 15c.iii



8

IWVGA Board Meeting October 12, 2022

GSP Model CMP

October 6th in-person meeting in Ridgecrest with WRM, Navy, DRI, TMG (DOM, BLM)

- Discussion of Configuration Items and Proposed Model Updates

Field Trip on Navy Base during Third Week of October

- New USGS fault data , playa evaporation, GDE sites, model structure

CMP Timeline

2022: Review of New Technical Data/Reports
Development of Recommendations/Costs to GA

2023: Update Model with GA-approved Revisions

2024: Modeling Scenarios for 5-Year GSP Report

AGENDA ITEM 15.c.ii



9

9

IWVGA Board Meeting October 12, 2022

Subflow from Rose Valley to IWV

- Nov 9th Navy funding/contracting
- Monitoring well drilling/construction planned for Late Fall/Winter 2022
- California State Lands Commission(CSLC) –lease agreement to access existing former sawmill wells located between USBR-10 and future RVS well sites



AGENDA ITEM 15.c.iv



10

10

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BUDGET TO ACTUAL REPORT- September

		ACTUALS BY REVENUE ALLOCATION					(B)	(A-B)	(B/A)		
		Restricted	Restricted	Restricted	Restricted	Restricted	\$	\$	%		
		Extraction	Augmentation	Shallow Well Mitigation	Prop. 1 SDAC	Prop. 68	ACTUAL	REMAINING	COMPLETED		
		(A)									
		BUDGET									
1	REVENUE									1	
2	Extraction Fee	1,245,105	900,561	-	-	-	900,561	344,544	72%	2	
3	Transfer In/Loan from Augmentation Fund	1,062,745	375,000	-	-	-	375,000	687,745	35%	3	
4	Augmentation Fee	4,069,625	-	2,819,915	-	-	2,819,915	1,249,710	69%	4	
5	Transfer In/Loan Repayment from Extraction Fund	-	-	-	-	-	-	-	0%	5	
6	Shallow Well Mitigation Fee	195,250	-	-	101,086	-	101,086	94,164	52%	6	
7	Department of Water Resources (DWR) Grants	338,500	-	-	-	280,669	287,653	50,847	85%	7	
8										8	
9	TOTAL REVENUES	6,911,225	1,275,561	2,819,915	101,086	280,669	4,484,215	2,427,010	65%	9	
10	EXPENSES									10	
11	Administration									11	
12	Administration (RGS)	333,000	110,016	110,016	-	-	220,032	112,968	66%	12	
13	Office Rent	3,600	1,050	1,050	-	-	2,100	1,500	58%	13	
14	Office Supplies	1,000	-	-	-	-	-	1,000	0%	14	
15	Postage and Delivery	360	-	-	-	-	-	360	0%	15	
16	External Audit (Brown & Associates)	12,000	5,500	5,500	-	-	11,000	1,000	92%	16	
17	Council Chambers/IT Services	8,500	-	-	-	-	-	8,500	0%	17	
18	General Counsel (Aleshire & Wynder)	150,000	2,529	-	-	-	2,529	147,471	2%	18	
19	Insurance Premium (Insurica)	13,160	12,930	-	-	-	12,930	230	98%	19	
20	Legal Notices (Daily Independent)	2,000	-	-	-	-	-	2,000	0%	20	
21	Memberships (Cal. Assoc. Mutual Water Co)	100	100	-	-	-	100	-	100%	21	
22	Website (IWVWD)	300	276	-	-	-	276	24	92%	22	
23	Printing and Reproduction	-	3,966	-	-	-	3,966	(3,966)	0%	23	
24	Bank Service Charges	-	4	-	-	-	4	(4)	0%	24	
25										25	
26	Non-Departmental									26	
27	Other Legal Services (RWG Law)	500,000	-	156,016	-	-	156,016	343,984	31%	27	
28	Lobbying Services (Capitol Core)	175,000	-	113,791	-	-	113,791	61,209	65%	28	
29	Other Professional Services	-	20,350	-	-	-	20,350	(20,350)	0%	29	
30	Shallow Well Mitigation Emergency Assistance Program	50,000	-	-	-	-	-	50,000	0%	30	
31	Repayment of Kern County Advance	500,000	375,000	-	-	-	375,000	125,000	75%	31	
32	Repayment of City of Ridgecrest In-Kind Services	300,000	-	-	-	-	-	300,000	0%	32	
33	Transfer Out/ Loan Repayment to Augmentation Fund	-	-	-	-	-	-	-	0%	33	
34	Transfer Out/Loan to Extraction Fund	1,062,745	-	375,000	-	-	375,000	687,745	35%	34	

BUDGET TO ACTUAL REPORT- September

		ACTUALS BY REVENUE ALLOCATION					(B)	(A-B)	(B/A)		
		(A)	Restricted	Restricted	Restricted	Restricted	\$	\$	%		
		BUDGET	Extraction	Augmentation	Shallow Well Mitigation	Prop. 1 SDAC	Prop. 68	ACTUAL	REMAINING	COMPLETED	
35											35
36	Conservation Programs										36
37	Outreach & Technical Services (Cal Rural Water Assoc & Water Wise)	306,500	-	-	-	96,142	-	96,142	210,358	31%	37
38											38
39	Basin Management Administration										39
40	Production Reporting, Transient Pool, and Fee Support	34,000	592	-	-	-	-	592	33,408	2%	40
41	Meetings and Prep	120,000	79,960	-	-	-	-	79,960	40,040	67%	41
42	Budget Support	10,000	2,474	-	-	-	-	2,474	7,526	25%	42
43	Stakeholder Coordination	10,000	192	-	-	-	-	192	9,808	2%	43
44	Litigation Support	40,000	16,751	-	-	-	-	16,751	23,249	42%	44
45											45
46	Basin Management										46
47	POAM No. 20 Data Management System	-	-	-	-	-	-	-	-	0%	47
48	POAM No. 56 Monitoring Wells - Implementation	-	-	-	-	-	-	-	-	0%	48
49	POAM No. 78 Aquifer Tests	-	-	-	-	-	-	-	-	0%	49
50	Review of Ramboll Report (Task began in 2020)	8,210	237	-	-	-	-	237	7,973	3%	50
51	Prop 1 SDAC Program Support	15,000	-	-	-	8,584	-	8,584	6,416	57%	51
52	General Engineering	35,000	30,614	-	-	-	-	30,614	4,386	87%	52
53	TSS: El Paso Well Drilling Support	10,000	2,948	-	-	-	-	2,948	7,052	29%	53
54	TSS: General Coordination/Application Support	30,000	-	-	-	-	-	-	30,000	0%	54
55	Coordination with DWR on GSP Review	45,000	9,657	-	-	-	-	9,657	35,343	21%	55
56	Annual Report Preparation	30,000	58,611	-	-	-	-	58,611	(28,611)	195%	56
57	Data Management System Support	20,000	23,904	-	-	-	-	23,904	(3,904)	120%	57
58	Allocation Plan: Allocation Process & Transient Pool Support	-	356	-	-	-	-	356	(356)	0%	58
59	Allocation Plan and Rules & Regs on Pumping/Restrictions	10,000	6,331	-	-	-	-	6,331	3,669	63%	59
60	Allocation Plan: Following & Transient Pool Transfer Program	-	-	-	-	-	-	-	-	0%	60
61	Conservation Efforts	20,000	-	-	-	-	-	-	20,000	0%	61
62	General Project Management	30,000	23,401	-	-	-	-	23,401	6,599	78%	62
63	Model Transfer and Upgrade	150,000	39,543	-	-	-	-	39,543	110,457	26%	63
64	Navy/Coso Royalty Fund: Develop Projects & Secure Funding	30,000	356	-	-	-	-	356	29,645	1%	64
65	Navy/Coso Royalty Fund: Rose Valley MW Permitting, Bid Doc Spt & Drillii	300,000	20,908	-	-	-	-	20,908	279,092	7%	65
66	Data Collection, Monitoring, and Data Gaps	134,000	99,894	-	-	-	-	99,894	34,106	75%	66
67	Imported Water: Negotiations and Coordination	35,000	-	4,190	-	-	-	4,190	30,811	12%	67
68	Imported Water: Engineering and Analysis	118,000	43,149	-	-	-	-	43,149	74,851	37%	68
69	Recycled Water	180,000	-	51,983	-	-	-	51,983	128,017	29%	69

BUDGET TO ACTUAL REPORT- September

		ACTUALS BY REVENUE ALLOCATION					(B)	(A-B)	(B/A)	
		Restricted	Restricted	Restricted	Restricted	Restricted	\$	\$	%	
		Extraction	Augmentation	Shallow Well Mitigation	Prop. 1 SDAC	Prop. 68	ACTUAL	REMAINING	COMPLETED	
(A)	BUDGET									
70	EXPENSES (Cont'd)									70
71	Basin Management (cont'd)									71
72	Shallow Well Mitigation Program: Plan Development	-	-	1,115	-	-	1,115	(1,115)	0%	72
73	Shallow Well Mitigation Program: Outreach and Impacts Evaluation	20,000	-	10,942	-	-	10,942	9,058	55%	73
74	Brackish Water Group: Data Review and Coordination	7,500	-	-	-	-	-	7,500	0%	74
75	Well Monitoring Services (WellIntel Inc.)	2,100	1,680	-	-	-	1,680	420	80%	75
76	Weather Station Maintenance	-	-	-	-	-	-	-	0%	76
77										77
78	Grant Management									78
79	Prop 1 / Prop 68 Grant Administration	70,000	24,430	-	-	-	24,430	45,570	35%	79
80	Grant Review and Application Preparation	50,000	50,309	-	-	-	50,309	(309)	101%	80
81										81
82	TOTAL EXPENSES	<u>4,982,075</u>	<u>1,068,016</u>	<u>817,546</u>	<u>12,057</u>	<u>104,726</u>	<u>2,002,345</u>	<u>2,979,730</u>	<u>40%</u>	82
83										83
84	Surplus (Deficit)	<u>1,929,150</u>	<u>207,545</u>	<u>2,002,369</u>	<u>89,029</u>	<u>175,943</u>	<u>2,481,870</u>	<u>(552,720)</u>		84

Budget to Actual Report includes all revenues and expenditures during the calendar year and is on a cash basis. Accruals will be finalized during the year-end reconciliation and audit process and presented in a separate report. Billing and receipt of reimbursement grant program revenue may cross over fiscal years with revenue received for prior year programs. Separate reconciliation will be completed for grant programs.

MONTH TO DATE REVENUES & EXPENDITURES EXCLUDING TRANSFERS

	Revenue	Transfer In*	Transfer Out*	Expenses	Surplus (Deficit)
Extraction Fund	900,561	375,000	-	1,068,016	207,545
Augmentation Fund	2,819,915	-	375,000	442,546	2,002,369
Shallow Well Mitigation Fund	101,086	-	-	12,057	89,029
Dept. of Water Resources (DWR) Grants Fund	287,653	-	-	104,726	182,926
Total	4,109,215	375,000	375,000	1,627,345	2,481,870

** The Extraction Fund Budget will be balanced through a loan from the Augmentation Fund.*

OUTSTANDING OBLIGATIONS

	Kern County	City of Ridgecrest	Augmentation Fund	Total
Advance Agreements				
Advance of Funds	500,000	-	-	500,000
Advance Repayment: 3 of 4	(375,000)	-	-	(375,000)
In-Kind Services				
Attorney Srvcs./IT/Chambers -FY22 thru 8/31		177,838		177,838
Attorney Srvcs./IT/Chambers -FY 21	-	325,235	-	325,235
Attorney Srvcs./IT/Chambers -FY's16-20		366,982		366,982
Inter-Fund Loans				
Estimated 2022 Loan to Extraction Fund*	-	-	1,062,745	1,062,745
Repayment of Adv. Of Funds to IWVWD**	-	-	500,000	500,000
Estimated 2021 Loan to Extraction Fund-TBD***	-	-	-	-
Postponed Invoice Payments				
None	-	-	-	-
Total	<u>125,000</u>	<u>870,055</u>	<u>1,562,745</u>	<u>2,557,800</u>

* Included in Adopted Budget.

** IWVWD used restricted Augmentation Revenue to repay the Advance Agreement.

Repayment of the IWVWD Advance requires a transfer from the Extraction Fund to the Augmentation Fund.

*** Review of prior year use of Augmentation Revenue is on-going. Additional inter-fund loans will be presented in a future financial update. Amendment to the budget will be necessary to schedule a revised repayment.

ADOPTED 2022 OBLIGATION REPAYMENTS

	Kern County	City of Ridgecrest	Augmentation Fund	Total
Advance Agreements				
\$125,000 scheduled in March, Aug, Sept, Dec	500,000	-	-	500,000
In-Kind Services				
Attorney Services/IT/Council Chambers	-	300,000	-	300,000
	<u>500,000</u>	<u>300,000</u>	<u>-</u>	<u>800,000</u>

Upon repayment of the 2022 Obligations, an inter-fund loan of \$800,000 will be created between the Extraction Fund and Augmentation Fund and added to Outstanding Obligations under Inter-Fund Loans.

City of Ridgecrest In-Kind Services Repayment for prior years is included in the Outstanding Obligation Schedule. Currently \$300,000 is budgeted for repayment in the Adopted 2022 Obligation Repayments Schedule. Amendment to the budget will be required to schedule a revised repayment and loan from the Augmentation Fund.

IWVGA
As of September 30, 2022

CASH BALANCE

September 2022 Activity

Cash Receipts (Receipts over \$50,000 and all grants are detailed)

August - IWVWD Augmentation/Extraction/SWM	\$ 529,631.60
All Other Cash Receipts	152,187.14
Total Cash Receipts	\$ 681,818.74

Cash Disbursements (Obligation payments are detailed)

Warrants - PackWrap	3,966.16
Warrants - Sept <i>Approved Warrants to be Issued in Oct</i>	-
Total Cash Disbursements	\$ 3,966.16

Cash Balance

Prior Month to Current Month Ending Balance Reconciliation

August Cash Balance By Investment

Kern County Treasurer	\$ 4,978,556.23
Mission Bank	-
Total Cash Balance as of August 31	\$ 4,978,556.23

September Activity

Cash Receipts	\$ 681,818.74
AltaOne/Kern County EROD -In Transit	\$ 500.00
Cash Disbursements	(3,966.16)
Total September Activity	\$ 678,352.58

September Ending Cash Balance	\$ 5,656,908.81
Less: Outstanding Warrants	(167,565.27)
Total Available Cash By Activity as of September 30	\$ 5,489,343.54

September Cash Balance by Investment

Kern County Treasurer	\$ 5,656,408.81
Mission Bank	500.00
Total September Balance	\$ 5,656,908.81
Less: Outstanding Warrants	(167,565.27)
Total Available Cash by Investment as of September 30	\$ 5,489,343.54

Cash Receipts are deposited in Mission Bank and sent electronically to Kern County Treasurer. Cash in Transit at month end will be reflected in the Kern County Treasurer balance. Warrants are approved by IWVGA Board and administratively processed by IWVGA staff. Warrants are executed by Kern County staff. Outstanding Warrants are vendor invoices received and not yet paid. Outstanding Obligations are detailed in a separate attached report.

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To: Carol Thomas-Keefer, General Manager Indian Wells Valley Groundwater Authority

From: Michael W. McKinney, President Capitol Core Group, Inc.

cc: Steve Johnson, Stetson Engineering
Jeff Simonetti, Sr. Vice President Capitol Core Group
Todd Tatum, Sr. Client Advisor Capitol Core Group

Date: October 12, 2022

Subject: Project Update Memorandum – September 2022 Activities

The following will serve as our project update memorandum for activities during the month of September 2022. The memorandum references other memoranda that have been attached for the Board's review.

Task 1: Secure Imported Water Supplies

Update: Subtask A – Existing Negotiations

The IWVGA fully executed the letter of intent between the Authority and the seller of water rights in the Dudley Ridge Water District. We continue the permitting and transfer discussions with the relevant districts and regulatory authorities. We are awaiting the permitting and regulatory items that the seller must undertake to move the process forward at the Dudley Ridge Water District. Further steps to move forward the agreement will take place during the month of October.

Update: Subtask B – Storage, Transfer and Other Agreements

Capitol Core Group continued discussions with Antelope Valley - East Kern Water Agency concerning transfer agreements associated with the interconnection pipeline. Capitol Core also participated in the kick-off meeting concerning the interconnection project alignment that Provost and Pritchard is leading. We assisted Provost and Pritchard on a variety of government affairs items during the month of September.

Task 2: Secure Federal Funding

The United States Congress was in recess during part of the month of September. However, significant activity took place during the month while the Congress was not in recess.

Updated Report: Water Resources Development Act of 2022 (HR 7776)

The U.S. Senate passed the *Water Resources Development Act of 2022* (WRDA-22) with an amendment in the nature of a substitute (S. 4136) setting up the request for Conference Committee once the Congress returns after the election. Of interest to IWVGA is the House Committee Report's directive language concerning studies of the Interconnection Project. The bill's statutory progress through the Congress does not affect our language and takes effect upon passage of the legislation. We have contacted the US Army Corps of Engineers and will begin the study that is contemplated in WRDA-22 shortly. Capitol Core expects passage of the WRDA-22 bill by the end of the year.

Updated Report: National Defense Authorization Act for Fiscal Year 2023 (HR 7900)

Passage of the annual National Defense Authorization Act (NDAA) is pending on the Floor of the U.S. Senate. The Senate will not take up the bill until after the election, leaving just two months of the "lame duck" session for the Senate to complete the NDAA and to convene the Conference Committee. Of interest to the City of Ridgecrest is the amendment to the Defense Communities Infrastructure Program (DCIP) which appears in both versions (House and Senate) of the Legislation. It is the understanding of the Association of Defense Communities that the language in the Senate is the same as in the House which, if confirmed would not require this section to go to Conference Committee. Capitol Core needs to verify this language once the final version of the Senate bill heads to the floor. Successful amendment to the DCIP sets-up a 2023 application by the City of Ridgecrest for the Wastewater Treatment Plant.

Task 3: Secure State Funding

New/Report: Office of the Governor – 2022 Signed Water Legislation

The Governor had until September 30th to either sign or veto all bills that the Legislature passed. You can view an overview of the main water-related legislation that he signed [here](#). Of note, the Governor also signed the bill to allow for \$40 million in funding for the agricultural farmland repurposing program. This is an addition to the \$50 million that the State approved last year. If the program follows the same timeline as last year, the grant guidelines will be released in November/December of this year and the grant application will open up in early 2023.

New/Staff Action: DWR: Urban Community Drought Relief Program

The Department of Water Resources has issued draft Implementation Guidelines for its "Round-2 – Urban Community Drought Relief Program (UCDRP)" for general public comment (due August 29, 2022). Changes from Round-1 funding in the UCDRP were required by the Legislature as directed in the FY2022/2023 State Budget Act. The FY2021/2022 Round-1 UCDRP largely provided \$400 million for emergency drought response in the form of hauled water, emergency interconnections and bottled water supplies to drought-stricken areas. The Round-2 funding, providing \$285 million, expands the program to more permanent drought resiliency projects as well. The funding also may provide assistance to drilling

new or rehabilitating existing public wells that have either gone dry or are experiencing problems related to the drought. The final IG/PSP is expected in October with applications due before the end of the year.

New/Staff Action: DWR: Round-2 SGMA-IP

DWR is now forecasting that \$202 million will be available to medium, high-priority, and CODs through the SGMA-IP Round 2 funding.

The SGM Grant Program's SGMA Implementation Round 2 will provide funding to GSAs and other responsible entities to update/revise/modify their GSPs or their Alternatives to a GSP. The funding will also be used towards implementing the GSP or Alternative Plan. This funding is for eligible applicants with projects located in medium and high priority basins, including critically overdrafted (COD) basins.

ONE application per basin will be allowed. Previous recipients must update GSPs consistent with the “funding priorities outlined in its Round 1 application.”

Applications opened in September. Capitol Core is continuing discussions with staff on a potential Round-2 Application.

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IWVGA September 2022 Report

September 1-12 Been working for a few weeks in finalizing templates for the WSCPDWC-Water Shortage Contingency Plan Drought/Water Conservation SB552

Sept 12 Sent Draft Template and monthly report to Jacob for review

Sept 20 Team Strategy Dinner Meeting- I have assigned each of the team a water system to oversee and help do these Water Shortage Contingency Plan Drought/Water Conservation Plans.

Sept 20-22, I have scheduled the team to conduct on-site the leak detection for China Lake Acres Mutual Water Company and East Inyokern MWC

Sept 26-30 Leak Detection Reports on both China Lake Acres Mutual Water Company and East Inyokern MWC

Oct 1-31 Preparing with systems Water Shortage Contingency Plan Drought/Water Conservation Plans with the systems to deliver by Oct 31, 2022

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Item 1. Call to Order

Voting members David Janiec, Renee Westa-Lusk, West Katzenstein, Lyle Fisher, Judie Decker, Camille Anderson (joined at ~6:10pm), Tim Carroll and Regina Troglin, and non-voting members Don Zdeba, John Kersey, and Tom Bickauskas were present. Not present was non-voting member Lorelei Oviatt.

Item 2. Pledge of Allegiance**Item 3. Open Public Comment (Not Related to Other Agenda Items)**

None.

Item 4. Approve Minutes of the June PAC Meeting

Lyle Fisher moved to approve the minutes as submitted, seconded by Renee Westa-Lusk. The motion was approved 7-0, with Camille Anderson not yet present.

Item 5. Communication and Engagement (C&E) Plan Review and Update

- A. Review Ad-Hoc Subcommittee Recommendation for Draft C&E Plan
- B. Develop full PAC Draft C&E Plan

David Janiec reported that the subcommittee had reviewed and considered the written comments on the first draft plan (at the August PAC meeting) provided by Camille Anderson and Judie Decker, as well as all comment and discussion by all members at the PAC meeting. The subcommittee developed the final draft C&E Plan for full PAC review and approval at this meeting .

The subcommittee and full PAC also reviewed and considered the following in developing the final recommended draft C&E Plan.

1. PAC recommendations for overall C&E during the GSP Implementation phase presented to the GA at the July 13 Board meeting, focusing on the three major items the PAC recommended.
 - a. Key focus elements for GSP implementation phase
 - 1) Integrated schedule
 - 2) Key fact sheets
 - b. Increased/new communication
 - 1) Internet - website, email, select social media
 - 2) Traditional – stakeholder specific, targeted workshops
 - c. C&E Director function and responsibilities
2. Review of individual PAC member written comments and recommendations submitted for the May 26th PAC meeting, particularly regarding recommended plan changes from review of other DWR approved plans (best practices).
3. Lessons learned from the GSP development C&E experiences (positives and negatives).
4. DWR observations and recommendations from their GSP approval document.
5. Review of SGMA and state water code C&E Plan requirements.

PAC Member Comment – The PAC engaged in a comprehensive discussion of the subcommittee draft plan and the written comments provided by Judie Decker.

Public Comment – Don Decker noted that Stetson maintains a separate, technical website (from the iwvga.org) that contains most of the detailed engineering and technical data that underpins GSP and

should not be transferred or duplicated on the GA website, but rather be referenced and linked in the GA website. He noted most of the public is likely not aware of its existence.

PAC Action –The PAC reviewed detailed input and agreed to submit a recommended Communication and Engagement Plan. Regina Troglin moved to approve the draft plan with the agreed-to specific modifications from this meeting, seconded by Lyle Fisher. The motion passed 7-1 with Judie Decker opposed. Judie will provide a minority report to be attached to this report. The final recommended plan is attached to this report.

Item 6. Member Comments

Don Zdeba announced that DWR/Stantec has scheduled a public workshop to present the results of the public facilitation survey at 6pm, October 4th, in City Council Chambers. Stantec will be coordinating with the GA to have a second presentation at the October PAC meeting.

Regina Troglin, West Katzenstein and David Janiec expressed their satisfaction from working together on the subcommittee and the strong engagement of all PAC members in producing a cohesive draft plan.

Specific recognition was given for Regina in acting as the rapid scribe and recorder for the document.

Rene Westa-Lusk, Lyle Fisher and Camille Anderson thanked the subcommittee for their efforts in producing a good plan.

Judie Decker reiterated the need for public engagement in these opportunities.

Item 7. Meeting Adjourned.

Submitted by: David Janiec, IWVGA PAC Chair, October 6, 2022

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**Communication and Engagement Plan for GSP Implementation Phase
DRAFT RECOMMENDATION**

Indian Wells Valley Groundwater Authority
Policy Advisory Committee

August 25, 2022

I. PURPOSE OF THE DOCUMENT

The Groundwater Sustainability Plan (GSP) for the Indian Wells Valley Groundwater Basin was submitted in January 2021, thus starting the GSP implementation phase per SGMA guidelines. The GSP was subsequently approved by the California Department of Water Resources (DWR) on January 13, 2022.

The original Communications & Engagement Plan (C&E) dated April 19, 2018, addressed C&E during the GSP development phase. This document addresses the GSP implementation phase and supersedes the original C&E plan. It retains the essential elements of the original plan and incorporates additional areas of focus to address the C&E needs of the GSP implementation phase, lessons learned during the GSP development phase, and C&E corrective actions recommended by DWR.

During the GSP implementation phase, the Indian Wells Valley Groundwater Authority (IWVGA) is dedicated to expanding the public's trust with enhanced open dialogue and transparency. The IWVGA encourages active involvement of diverse social, cultural, and economic elements of the population to ensure that all relevant and interested stakeholders, beneficial users, and the public are involved. The key responsibilities of the IWVGA are: 1. To continually alert and notify stakeholders of the status of groundwater and the actions being taken to reach sustainability, and 2. To provide stakeholders opportunities to obtain information and to engage in the implementation of the GSP. Once alerted, all interested parties have a responsibility to become informed and participate in the process.

II. BACKGROUND

A. BASIN BACKGROUND

The Indian Wells Valley (IWV) Groundwater Basin is located east of the southern Sierra Nevada Range in southern California with an area of approximately 382,000 acres underlying portions of Inyo, Kern, and San Bernardino Counties. The IWV Groundwater Basin is identified by the Department of Water Resources (DWR) as Basin 6-54 in Bulletin No. 118. IWV Groundwater Basin is classified as a "critically overdrafted" basin pursuant to the California Statewide Groundwater Elevation Monitoring (CASGEM) program, the Sustainable Groundwater Management Act (SGMA), and Bulletin No. 118 interim update (2016) prepared by the DWR. As required by SGMA, all Bulletin No. 118 basins designated as "high" or "medium priority" and "critically overdrafted" such as the IWV Groundwater Basin shall be managed under a Groundwater Sustainability Plan (GSP) submitted to DWR by January 31, 2020.

The IWV Groundwater Basin resources are not currently sustainably managed. Groundwater is the sole source of water in the IWV. Overdraft conditions have existed since at least the 1960s as a result of groundwater pumping exceeding the sustainable

yield of the basin. Disadvantaged Communities (DACs), Severely Disadvantaged Communities (SDACs), Economically Distressed Areas (EDAs), and the large number of shallow domestic water wells overlying the IWV Groundwater Basin are particularly susceptible to adverse effects resulting from chronic lowering of groundwater levels. Mitigating the chronic lowering of groundwater levels by implementing the GSP is an urgent requirement. As a result of these conditions, and with the purpose of complying with SGMA regulations and DWR standards and guidance, the IWVGA was established; and in January 2022 DWR approved the IWV Groundwater Basin GSP.

Until the Comprehensive Adjudication, and other lawsuits, are settled in the Superior Court there may be limited communication and information provided on certain issues regarding the IWV Groundwater Basin. The Board may have to prioritize communication actions recommended in this C&E Plan due to limited funding.

B. SGMA COMMUNICATIONS AND ENGAGEMENT PLAN REQUIREMENTS

This document is designed to assist the public and the IWVGA in developing a mutual understanding of how the IWVGA will fulfill the requirements of SGMA as they relate to public engagement. Specific guidance in California law requires the GSP to address C&E:

CA Code of Regulations – Title 23 – Division 2 – Chapter 1.5 – Sub Chapter 2 – Article 5 – Sub Article 1 – Sub Section 354.10 (d)

“A communication section of the Plan that includes the following:

1. An explanation of the Agency’s decision-making process
2. Identification of opportunities for public engagement and a discussion of how public input and response will be used.
3. A description of how the Agency encourages the active involvement of diverse social, cultural, and economic elements of the population within the basin.
4. The method the Agency shall follow to inform the public about progress implementing the Plan, including the status of projects and actions.”

C. IMPORTANCE OF STAKEHOLDER ENGAGEMENT

The GSP clearly identifies the severity of the overdraft in the basin, as well as the challenging magnitude of the projects, actions, and resources necessary to bring the basin into sustainability. The IWV Groundwater Basin underlies a variety of land uses and communities with varying needs and interests relating to the sustainable management of its resources. The plan requires significant public understanding, engagement, and support for successful implementation.

D. DECISION MAKING PROCESS

In July 2016, the IWVGA was formed through a Joint Exercise of Powers Agreement for the purpose of forming a Groundwater Sustainability Agency (GSA), as defined by SGMA, to manage the Indian Wells Valley Groundwater Basin and to implement SGMA requirements, including the development and implementation of a GSP. The IWVGA consists of the following voting member agencies:

- City of Ridgecrest (a public agency)
- Indian Wells Valley Water District (a California Special District)
- County of Kern (a public agency)
- County of Inyo (a public agency)
- County of San Bernardino (a public agency)

And consists of the following non-voting associate members:

- United States Department of the Interior – Bureau of Land Management
- United States Navy - Naval Air Weapons Station China Lake

During the formation of the IWVGA, a comprehensive listing of interested parties (Appendix A) was developed. This listing of over 150 stakeholders includes representatives from all types of water users within the IWV Groundwater Basin and continues to be used for notification of public meetings, other types of notifications (e.g., mailings, email, etc.), and updates relating to the discussions surrounding SGMA and the implementation of the GSP. This stakeholder listing continues to be used and updated.

The IWVGA conducts regular board meetings on a monthly basis to support the on-going development and implementation of the GSP for the IWV Groundwater Basin. The purpose of these meetings is to conduct the business of the IWVGA, present the status of the GSP and its implementation, and to provide an opportunity for input from interested parties both in-person and virtually.

The IWVGA created two standing committees to advise the IWVGA board on policy and technical issues and information. The Policy Advisory Committee (PAC) and The Technical Advisory Committee (TAC), provide an additional public engagement opportunity for interested parties of the basin. Through these committees and other identified means of engagement, the public is able to provide input to the IWVGA throughout the implementation phase of the GSP. All input received from interested parties is taken into account during the IWVGA decision-making process.

III. OBJECTIVES AND DESIRED OUTCOMES

Ultimately, the success of the IWV Groundwater Basin will be determined by the collective action of all groundwater users. On a practical level, that means that in order to meet the ongoing water supply needs, for both health and safety and economic livelihoods, the Basin must be managed in a balanced fashion. The approved GSP has been developed to meet this objective, and the IWVGA needs maximum public engagement in order to be successful in the implementation of the GSP.

Therefore, the IWVGA seeks to involve interested parties, stakeholders, and the public, and to keep the internal information flow seamless among staff, consultants, committee members, and the Board regarding the goals and objectives of the IWV Groundwater Basin GSP and its implementation projects, management actions and execution.

A. DESIRED OUTCOMES

1. Maximum public awareness, understanding, and engagement from all parties in implementing the GSP
2. Increased credibility and public trust and support for the GSP implementation process
3. Reach full sustainability in the basin through GSP implementation

B. CONCERNS AND CHALLENGES

1. Fragmented methods of communication and methods of information retrieval.
2. Lack of more extensive use of growing popular social media and other communication vehicles.
3. Apathy or the limited interest in the subject.
4. Use of unfamiliar language and technical terminology.
5. Limited available access to accurate reference materials through affordable communication methods.
6. Absentee and out of basin landowners
7. Temporary employees in the basin who own homes
8. Limited access for non-English language and hearing-impaired individuals
9. Scheduling meetings at times that maximize the opportunity for public participation
10. Gaining and retaining public trust
11. Presenting a balanced statement of the magnitude of the problem and the proposed solutions
12. Ongoing litigation(s) and their potential limits on communications
13. Difficulties in communication with DAC, SDAC, and EDA communities

C. APPROACH

1. Notify and inform the public about the status of groundwater in the IWV and provide accurate, objective, and timely information through the use of multiple communication venues and tools to maximize distribution.
2. Manage a singular repository (i.e., the website) that serves as the central database for all public information and is the primary reference point that all external posts or engagements lead back to. This repository should provide overview and introductory information in layman's terms for newly interested members of the public, as well as detailed information sources.
3. Designate a Communications Director whose responsibility it is to maintain, coordinate and implement the C&E Plan.
4. Implement an integrated schedule available to the public that includes information about the projects and management actions throughout implementation, including budgetary information.

IV. OPPORTUNITIES FOR PUBLIC INVOLVEMENT AND ENGAGEMENT

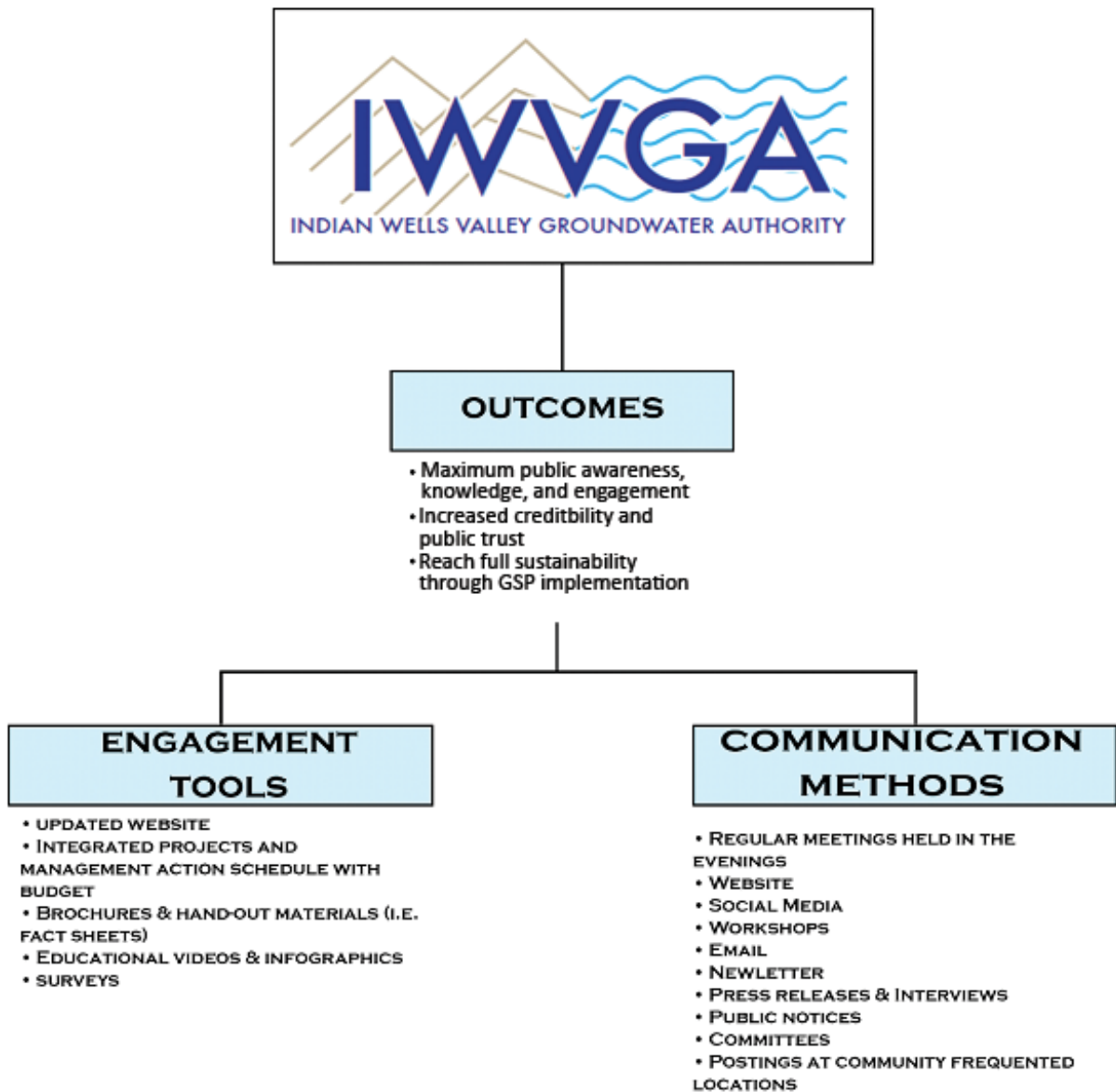
A. AUDIENCE

In addition to the interested parties and stakeholders identified in Appendix A, a listing of organizations, Appendix B, was developed to help inform and engage the general public and key governing agencies/individuals in the GSP implementation process. These can generally be grouped into two categories:

- I. Local Community Information, Outreach, and Engagement Opportunity (Awareness, Coordination, Participation, and Execution)
 - a. Service organizations
 - b. Business and Advocacy Groups
 - c. Schools and Education Organizations
 - d. Tribal Representation
 - e. Local Utilities within the Basin
 - f. Local Government
- II. External Contacts (Proactive Coordinated Execution and Funding Solutions)
 - a. Regional
 - i. Utilities
 - ii. Regulatory Agencies
 - iii. Districts
 - b. State
 - i. Advocacy groups and coalitions
 - ii. Legislative representations

- iii. Executive agencies
- c. National
 - i. Advocacy groups and coalitions
 - ii. Legislative representations
 - iii. Executive agencies

B. OVERVIEW OF IWVGA COMMUNICATION AND ENGAGEMENT



C. COMMUNICATION VENUES AND TOOLS

1. REGULAR IWVGA BOARD MEETINGS

Board and Committee Meetings are open to the public, and available for live viewing via YouTube. The IWVGA is deeply rooted in stakeholder engagement, and the IWVGA will continue to provide both in-person and virtual meeting attendance options.

2. COMMUNICATIONS DIRECTOR

The Communications Director is a key staff position for the implementation phase of the GSP. The Communications Director works closely with interested parties, stakeholder groups, staff, and the General Manager (GM) to implement the Communications and Engagement Plan.

3. COMMITTEES

POLICY ADVISORY COMMITTEE (PAC)

The PAC advises the IWVGA board on all policy matters, including GSP implementation. The committee meets on a monthly basis and provides representation for all types of water users in the IWV Groundwater Basin.

The voting members of the PAC include water users from the following:

- 2 representatives from Large Agriculture
- 1 representative from Small Agriculture
- 2 representatives from Business Interests
- 2 representatives from Domestic Well Owners
- 2 representatives from residential customers of a public agency water supplier
- 1 representative from Eastern Kern County Resource Conservation District
- 1 representative from Wholesaler and Industrial User
- At least 1 representative from Disadvantaged Communities (Inyokern)
- 1 representative from private water customers of Trona

The non-voting members of the PAC include:

- The IWV Water District

- United States Department of the Interior, Bureau of Land Management – Ridgecrest Field Office
- United States Navy, Naval Air Weapons Station China Lake
- Director of Kern County Planning and Natural Resources Department

TECHNICAL ADVISORY COMMITTEE (TAC)

The TAC meets on an as needed basis and provides technical review of data and other information pertaining to the GSP, implementation projects, and other requests from the Board. The TAC is comprised of individuals representing PAC membership stakeholder categories, and the interest of basin landowners and water users. The PAC Committee members may nominate a TAC member for their respective stakeholder membership category.

4. WEBSITE

The website (<https://iwvga.org>), will be updated and maintained to provide all accurate, relevant, and authoritative information about SGMA, the IWVGA, and implementation of the GSP. The website should be seen as the primary resource for all publicly available information and should be structured to appear prominently when an interested party executes a search about groundwater in the IWV.

The website should include:

- Primary Homepage/Landing Page that is easily navigated to find desired links or files within the site
- Frequently Asked Questions (FAQ)
- Meeting Packets and Video Links
- Document and web links with an easily searchable feature
- Integrated schedule for projects and management actions with budget
- Basin information, background, and additional data repository web link (<https://iwvgagasp.com>)

Social Media, infographics, brochures, and fact sheets will directly link back to the website and the information provided within it.

5. MASTER INTEGRATED PROJECT SCHEDULE

An essential element of the C&E phase is an integrated schedule which will be available to the public. This schedule will provide transparency about the timelines, inter-dependencies, and costs of projects and management actions. It will communicate

historical and planned actions of the IWVGA and provide a comprehensive overview for the public and stakeholders.

6. SOCIAL MEDIA

Existing well-established social media (e.g., Facebook) platforms will be leveraged to contact the public, share IWVGA activities, and GSP updates/milestones. Both an information-only avenue for dissemination, and a two-way communication method may be used to answer public questions and provide much needed information in a timely manner to a large sector of stakeholders. Any IWVGA social media posts will direct users to the IWVGA website for complete and in-depth information.

7. FACT SHEETS AND HAND-OUT MATERIALS

Fact sheets and hand-out materials should provide information on topics such as, but not limited to,

- SGMA
- GSP development and implementation
- Implementation Projects and Management Actions
- Basin Background and Basic Hydrologic Information

8. WORKSHOPS & COMMUNITY EVENTS

The IWVGA will conduct public workshops that pertain to implementation projects and actions. These workshops will focus on providing the public as much information as possible on the projects, the budget, schedule, and provide interested parties an opportunity to engage throughout implementation.

9. EDUCATIONS VIDEOS & INFOGRAPHICS

Short videos and infographics should be leveraged to provide concise information in an easy to consume format for IWVGA utilized social media platforms.

10. C&E CONTACT LISTS (APPENDIX A AND APPENDIX B)

The C&E contact lists, found in Appendix A and B, are used to send out IWVGA information relating to important updates, meeting packets, etc. Personal contact information provided to the IWVGA shall be secured and not available to the public.

Methods of communications using this information can include, but are not limited to, Push notifications, email communications, text alerts, etc.

11. EXISTING CHANNELS OF COMMUNICATION

To expand the IWVGA's sphere of engagement, the IWVGA will partner with existing agencies, committees, and organizations to disseminate information and invite public involvement. The Communications Director and/or GM will request the opportunity to provide articles, updates, and announcements for existing social media pages and newsletters (both digital and print). The Communications Director and/or GM will attend board/committee meetings, brief leadership, and coordinate public outreach at key IWVGA milestones.

12. ADDITIONAL TOOLS AND VENUES

- A. Quarterly or Annual E-Newsletter
- B. Public Notices
- C. Surveys
- D. Press releases and interviews
- E. Community Groups

D. COMMUNICATION RESPONSIBILITIES

1. PRESS PROTOCOLS

The press is an important partner for getting the IWVGA message out to the stakeholders. To maximize the effectiveness in working with the media, a consistent protocol should be followed by all staff, consultants, board members, and committee members.

- A. The Spokespersons
 - The primary spokespersons for all media inquiries are the GM and Communications Director. Media inquiries should first be directed to the Communications Director to coordinate a response.
 - Reporters may want to also interview board members and community members. The Communications Director and GM will maintain a list of board members and other designated spokespersons who will be prepared and can be called on for media interviews.
 - In preparation for the interview, the GM and Communications Director will work closely with the spokesperson chosen in

preparation for the media interviews. Factual and coordinated talking points will be provided in advance of the interview.

B. Responsiveness

- Reporters often work on tight deadlines. If there is a media request, it should be referred to the Communications Director and GM at the earliest possible opportunity.

C. Notifying the IWVGA

- Following the interview or press statement, if published, the GM or Communications Director will send notification to the Board and committee members.

2. GENERAL MANAGER (GM)

The GM, as described in the bylaws article 3.3, is the key personnel position that is the link between the IWVGA Board, staff, consultants, committee members, and interested parties in the community. The GM should be an employee of the IWVGA reporting directly to the Board and is responsible and accountable for C&E Plan execution by the Communications Director.

3. COMMUNICATIONS DIRECTOR

The Communications Director function will report directly to the GM. The Communications Director should not be a representative of any of the member agencies that comprise the IWVGA; he/she should be a member of IWVGA staff similar to the GM. The Communications Director will work closely with the GM, board members, and designated spokespersons to provide the public with accurate and verifiable information in a timely manner.

The Communications Director will monitor social media sites for mentions of the IWVGA, GSP, and implementation projects and management actions. A social media report, including any IWVGA mentions, positive and negative comments, will be provided to the GM monthly. Negative posts will be shared and discussed immediately to determine what, if any, response is warranted.

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