

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 9, 2024

Closed Session – 10:15 a.m.

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

Pursuant to California Government Code 54953(b)(1) two additional call-in locations have been established for Board Members who will attend this meeting via teleconference at 14955 Dale Evans Parkway Apple Valley, CA. 92307 and at 1360 N Main St Bishop, CA. 93514.

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.*

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 a 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

3. PUBLIC COMMENT ON CLOSED SESSION

4. CLOSED SESSION

- 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 11, 2024
- b. Approve Expenditures
 - *To view itemized invoices please visit <https://iwvga.org/iwvga-meetings>*
 - i. \$117,292.30 – Stetson Engineers
 - ii. \$18,660.39 – Regional Government Services – (Replenishment / Extraction)
 - iii. \$14,225.00 – Capitol Core Group – (Replenishment)
 - iv. \$593,264.61 – Provost & Pritchard – (SGMA IP Grant)

9. UPDATE ON RADEMACHER CONSOLIDATION AND APPROVAL OF REIMBURSEMENT AGREEMENT BETWEEN INDIAN WELLS VALLEY GROUNDWATER AUTHORITY AND INDIAN WELLS VALLEY WATER DISTRICT

10. RECYCLED WATER PRESENTATION

11. GROUNDWATER SUSTAINABILITY PLAN MODELING AND PERIODIC EVALUATION UPDATE

12. WATER RESOURCES MANAGER REPORT

- a. Grant Funding
- b. GSP Implementation Projects/Management Action Updates
 - i. Imported Water Project
 - ii. Shallow Well Mitigation Program
 - iii. GSP Periodic Evaluation and Amendment
- c. Miscellaneous Items
 - i. Data Collection and Monitoring
 - ii. IWVGA Basin Model Configuration Management Plan
 - iii. Rose Valley Subflow Update

13. GENERAL MANAGER'S REPORT

- a. Monthly Financial Report
- b. C&E Plan Update
- c. Report on IWVGA's Water Marketer (Capitol Core Group)
- d. Amendment to JPA to Modify Board Member Alternate Appointments

14. DATE OF NEXT MEETING – NOVEMBER 13, 2024

15. ADJOURN

PUBLIC COMMENT NOTICE

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.

- **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.

The page intentionally blank

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 11, 2024

IWVGA Members Present:

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

Attending via teleconference is Tim Itnyre, John Vallejo, Steve Johnson and Carol Thomas-Keefer.

Meeting recording, public comment letters submitted, and all board meeting related documents are made available at:
<https://iwvga.org/iwvga-meetings/>

1. CALL TO ORDER:

Chairman Peters calls the meeting to order at 11:00 a.m.

2. ADOPTION OF AGENDA:

Motion made by Scott Hayman and seconded by Chuck Griffin to approve adoption of the agenda.
 Motion carries by the following roll call vote:

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

3. PUBLIC COMMENT ON CLOSED SESSION:

None.

Chairman Peters calls the meeting into Closed Session at 11:01 a.m.

4. CLOSED SESSION:

- 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 1:41 p.m.

5. OPEN SESSION – **No earlier than 11:45 a.m.**

Meeting reconvenes into Open Session at 1:47 a.m.

- Report on Closed Session – Counsel Hall states there was no reportable action taken by the board 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 Kicinski	Present
Director Itnyre	Present
Director Vallejo	Present

**Director Griffin had a scheduling conflict and had to leave the meeting. IWVWD alternate Director Kicinski sitting in for the remainder of the meeting.*

6. PUBLIC COMMENT:

The board hears public comment from George Croll, Pamela Smith and Scott O'Neill.

7. BOARD MEMBER COMMENTS:

Director Kicinski apologizes for appearance as he was thrown into the meeting last minute, unprepared.

8. CONSENT AGENDA:

- Approve Minutes of Board Meeting July 10, 2024
- Appointment of Navy DOD Liaison – Lieutenant Commander Corinne Sims
- Approve Expenditures

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

- \$107,266.85 – Stetson Engineers
- \$42,719.05 – Regional Government Services – (Replenishment / Extraction)
- \$29,643.75 – Capitol Core Group – (Replenishment)
- \$541,978.14 – Provost & Pritchard – (SGMA IP Grant)

Motion made by Ron Kicinski and seconded by John Vallejo to approve Minutes of Board Meeting July 10, Appointment of Lieutenant Commander Corrine Sims as Navy DOD liaison, and the following expenditures in the amount of, \$107,266.85 to Stetson Engineers, \$42,719.05 to Regional Government Services, \$29,643.75 to Capitol Core Group, and \$541,978.14 to Provost & Pritchard.

Motion carries by the following roll call vote:

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

9. DISCUSSION ON POTENTIAL MODIFICATION OF THE JPA TO ALLOW FLEXIBILITY WITH APPOINTMENT OF ALTERNATES:

Counsel Hall provides staff report.

Motion made by Scott Hayman and seconded John Vallejo to approve the IWVGA members to review and

possible adopt the new amendment to the JPA allowing flexibility with appointment of alternates.
Motion carries by the following roll call vote:

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

10. UPDATE ON RADEMACHER DISCUSSION:

Jeff Helsley provides presentation and staff report.

Item will be brought back to the October board meeting for additional discussion.

11. RECYCLED WATER PRESENTATION:

Counsel Hall provides staff report.

Item will be brought back to the October board meeting for additional discussion.

The Board hears public comment from George Croll and Scott Miller.

12. WATER RESOURCES MANAGER REPORT:

Steve Johnson provides updates on the following items:

- a. Grant Funding
- b. GSP Implementation Projects/Management Action Updates
 - i. Imported Water Project
 - ii. Shallow Well Mitigation Program
 - iii. GSP Periodic Evaluation and Amendment
- c. Miscellaneous Items
 - i. Data Collection and Monitoring
 - ii. IWVGA Basin Model Configuration Management Plan
 - iii. Rose Valley Subflow Update

**Item tabled until the October board meeting.*

13. GENERAL MANAGERS REPORT:

**Item tabled until the October board meeting.*

14. DATE OF NEXT MEETING – OCTOBER 9, 2024

15. ADJOURN:

Chairman Peters adjourns the meeting at 2:18 p.m. on September 11, 2024.

Respectfully submitted,

April Keigwin
Clerk of the Board
Indian Wells Valley Groundwater Authority

The page intentionally blank



2171 E. Francisco Blvd., Suite K • San Rafael, California 94901
Phone: (415) 457-0701 • FAX: (415) 457-1638 • Website: www.stetsonengineers.com

Northern California • Southern California • Arizona • Colorado • Oregon

Invoice

Indian Wells Valley Groundwater Authority
Ms. Carol Thomas-Keefer
100 W. California Ave.
Ridgecrest, CA 93555

Invoice Number: 2652-84

Invoice Date: 09/06/24

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

Professional Services through 7/31/2024

Water Resources Management 2024

01 - Meetings & Prep

Professional Services

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	8.00	\$244.00	\$1,952.00
Special Project Director	10.00	\$244.00	\$2,440.00
Supervisor I	13.50	\$212.00	\$2,862.00
GIS Manager	2.00	\$126.00	\$252.00
Associate III	4.50	\$114.00	\$513.00
Assistant I	29.50	\$101.00	\$2,979.50
Assistant II	15.75	\$96.00	\$1,512.00

Professional Services Subtotal: \$12,510.50

Reimbursables

	<u>Charge</u>
Reproduction (Color)	\$123.71
Car Rental	\$47.23
Lodging	\$123.85
Meals	\$37.86
Mileage	\$330.98
Reproduction	\$11.10

Reimbursables Subtotal: \$674.73

Meetings & Prep Subtotal: \$13,185.23

01.02 - LADWP Releases Analysis and Presentation

Professional Services

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	0.50	\$212.00	\$106.00
Assistant II	0.25	\$96.00	\$24.00

Professional Services Subtotal: \$130.00

LADWP Releases Analysis and Presentation Subtotal: \$130.00

02 - Prop 1 / Prop 68 Grant Administration

Professional Services

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Assistant I	1.25	\$101.00	\$126.25

Professional Services Subtotal: \$126.25

Prop 1 / Prop 68 Grant Administration Subtotal: \$126.25

02.01 - SGMA IP Grant Administration

Professional Services

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Assistant I	8.00	\$101.00	\$808.00

Professional Services Subtotal: \$808.00



<i>SGMA IP Grant Administration Subtotal:</i>			<u>\$808.00</u>
<u>02.02 - Urban Community Drought Relief Funding Administration</u>			
Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Assistant I	6.50	\$101.00	\$656.50
<i>Professional Services Subtotal:</i>			<u>\$656.50</u>
<i>Urban Community Drought Relief Funding Administration Subtotal:</i>			<u>\$656.50</u>
<u>04 - Data Mgmt System Support</u>			
Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor II	4.50	\$197.00	\$886.50
Senior III	0.50	\$138.00	\$69.00
<i>Professional Services Subtotal:</i>			<u>\$955.50</u>
Reimbursables			<u>Charge</u>
Data			\$36.73
<i>Reimbursables Subtotal:</i>			<u>\$36.73</u>
<i>Data Mgmt System Support Subtotal:</i>			<u>\$992.23</u>
<u>05 - General Project Mgmt</u>			
Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Special Project Director	10.00	\$244.00	\$2,440.00
Supervisor II	31.00	\$197.00	\$6,107.00
Senior Associate	0.75	\$132.00	\$99.00
<i>Professional Services Subtotal:</i>			<u>\$8,646.00</u>
<i>General Project Mgmt Subtotal:</i>			<u>\$8,646.00</u>
<u>06 - Model Transfer & Upgrade</u>			
Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Special Project Director	7.50	\$244.00	\$1,830.00
Supervisor I	1.50	\$212.00	\$318.00
Supervisor II	3.00	\$197.00	\$591.00
Assistant II	5.50	\$96.00	\$528.00
<i>Professional Services Subtotal:</i>			<u>\$3,267.00</u>
Sub-Contractors			<u>Charge</u>
Board of Regents			\$13,443.28
<i>Sub-Contractors Subtotal:</i>			<u>\$13,443.28</u>
<i>Model Transfer & Upgrade Subtotal:</i>			<u>\$16,710.28</u>
<u>07.01 - Imported Water: Planning/Design/Environmental</u>			
Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	13.50	\$244.00	\$3,294.00
Supervisor I	9.25	\$212.00	\$1,961.00
Assistant I	1.00	\$101.00	\$101.00
<i>Professional Services Subtotal:</i>			<u>\$5,356.00</u>
<i>Imported Water: Planning/Design/Environmental Subtotal:</i>			<u>\$5,356.00</u>
<u>09 - Recycled Water</u>			
Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	4.00	\$244.00	\$976.00
Supervisor I	1.25	\$212.00	\$265.00
Assistant II	2.00	\$96.00	\$192.00
<i>Professional Services Subtotal:</i>			<u>\$1,433.00</u>



Recycled Water Subtotal: \$1,433.00

11 - Data Collection, Monitoring & Data Gaps**Professional Services**

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Special Project Director	2.50	\$244.00	\$610.00
Supervisor I	0.50	\$212.00	\$106.00
Senior Associate	2.00	\$132.00	\$264.00
Associate I	51.00	\$126.00	\$6,426.00

Professional Services Subtotal: \$7,406.00

Reimbursables

	<u>Charge</u>
Car Rental	\$422.58
Equipment Purchase	\$30.34
Field Supplies	\$6.98
Lodging	\$134.39
Meals	\$37.28
Mileage	\$14.74
Other Expenses	\$54.00

Reimbursables Subtotal: \$700.31

Data Collection, Monitoring & Data Gaps Subtotal: \$8,106.31

12 - Shallow Well Consolidation Project**Professional Services**

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	16.00	\$244.00	\$3,904.00
Supervisor I	11.25	\$212.00	\$2,385.00
Assistant I	21.25	\$101.00	\$2,146.25
Assistant II	11.00	\$96.00	\$1,056.00

Professional Services Subtotal: \$9,491.25

Shallow Well Consolidation Project Subtotal: \$9,491.25

17 - Navy/Coso Royalty Fund: Develop FY24 Projects & Secure Funding**Professional Services**

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	4.00	\$244.00	\$976.00
Special Project Director	1.50	\$244.00	\$366.00

Professional Services Subtotal: \$1,342.00

Navy/Coso Royalty Fund: Develop FY24 Projects & Secure Funding Subtotal: \$1,342.00

18 - Navy/Coso Royalty Fund: FY21 Rose Valley MW Permitting, Bid Doc Support & Dr**Professional Services**

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
GIS Manager	1.75	\$126.00	\$220.50

Professional Services Subtotal: \$220.50

Navy/Coso Royalty Fund: FY21 Rose Valley MW Permitting, Bid Doc Support & Dr \$220.50

18.1 - Navy/Coso Cooperative Agreement**Professional Services**

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Special Project Director	2.25	\$244.00	\$549.00
Associate I	6.25	\$126.00	\$787.50

Professional Services Subtotal: \$1,336.50

Navy/Coso Cooperative Agreement Subtotal: \$1,336.50

20 - Shallow Well Mitigation Program: Outreach & Impacts Evaluation**Professional Services**

	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	2.00	\$244.00	\$488.00

**20 - Shallow Well Mitigation Program: Outreach & Impacts Evaluation**

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Supervisor I	2.25	\$212.00	\$477.00
Assistant I	1.50	\$101.00	\$151.50
<i>Professional Services Subtotal:</i>			<u>\$1,116.50</u>
<i>Shallow Well Mitigation Program: Outreach & Impacts Evaluation Subtotal:</i>			<u>\$1,116.50</u>

21 - General Engineering

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Principal	7.00	\$244.00	\$1,708.00
Special Project Director	0.50	\$244.00	\$122.00
Supervisor I	9.50	\$212.00	\$2,014.00
Supervisor II	49.00	\$197.00	\$9,653.00
GIS Manager	3.00	\$126.00	\$378.00
Assistant I	1.00	\$101.00	\$101.00
Assistant II	3.25	\$96.00	\$312.00
<i>Professional Services Subtotal:</i>			<u>\$14,288.00</u>
<i>General Engineering Subtotal:</i>			<u>\$14,288.00</u>

22 - GSP 5-Year Update

Professional Services	<u>Bill Hours</u>	<u>Bill Rate</u>	<u>Charge</u>
Special Project Director	0.25	\$244.00	\$61.00
Supervisor I	2.75	\$212.00	\$583.00
Supervisor II	74.50	\$197.00	\$14,676.50
GIS Manager	48.00	\$126.00	\$6,048.00
Assistant I	10.25	\$101.00	\$1,035.25
Assistant II	114.00	\$96.00	\$10,944.00
<i>Professional Services Subtotal:</i>			<u>\$33,347.75</u>
<i>GSP 5-Year Update Subtotal:</i>			<u>\$33,347.75</u>
<i>Water Resources Management 2024 Subtotal:</i>			<u>\$117,292.30</u>

***** Invoice Total ***** **\$117,292.30**



REIMBURSABLE SUMMARY

City of Ridgecrest
Attn: Carol Thomas-Keefer
100 W. California Ave.
Ridgecrest, CA 93555

Invoice Number: 2652-84

Invoice Date: 09/06/24

Project #: 2652 Indian Wells Valley Groundwater Authority
Manager: Stephen Johnson

Professional Services through 07/31/2024

01 - Meetings & Prep

Reimbursables

Description	Date	Units	Unit Rate	Charge	Notes
Car Rental	07/09/2024	1.00	\$47.23	\$47.23	
Meals	07/09/2024	1.00	\$21.75	\$21.75	
Lodging	07/10/2024	1.00	\$123.85	\$123.85	
Meals	07/10/2024	1.00	\$16.11	\$16.11	
Mileage	07/10/2024	284.00	\$0.67	\$190.28	
Mileage	07/10/2024	210.00	\$0.67	\$140.70	
Reproduction	07/31/2024	74.00	\$0.15	\$11.10	
Reproduction (Color)	07/31/2024	139.00	\$0.89	\$123.71	

Meetings & Prep Sub-Total: \$674.73

04 - Data Mgmt System Support

Reimbursables

Description	Date	Units	Unit Rate	Charge	Notes
Data	07/02/2024	1.00	\$36.73	\$36.73	

Data Mgmt System Support Sub-Total: \$36.73

06 - Model Transfer & Upgrade

Sub-Contractors

Description	Date	Units	Unit Rate	Charge	Notes
Board of Regents	07/31/2024	1.00	\$13,443.28	\$13,443.28	

Model Transfer & Upgrade Sub-Total: \$13,443.28

11 - Data Collection, Monitoring & Data Gaps

Reimbursables

Description	Date	Units	Unit Rate	Charge	Notes
Other Expenses	07/02/2024	1.00	\$54.00	\$54.00	
Equipment Purchase	07/20/2024	1.00	\$30.34	\$30.34	
Mileage	07/24/2024	11.00	\$0.67	\$7.37	
Car Rental	07/25/2024	1.00	\$50.25	\$50.25	
Field Supplies	07/25/2024	1.00	\$6.98	\$6.98	
Meals	07/25/2024	1.00	\$8.72	\$8.72	
Meals	07/25/2024	1.00	\$16.15	\$16.15	
Car Rental	07/26/2024	1.00	\$28.72	\$28.72	
Car Rental	07/26/2024	1.00	\$343.61	\$343.61	
Lodging	07/26/2024	1.00	\$134.39	\$134.39	
Meals	07/26/2024	1.00	\$12.41	\$12.41	
Mileage	07/26/2024	11.00	\$0.67	\$7.37	

Data Collection, Monitoring & Data Gaps Sub-Total: \$700.31

The page intentionally blank



PO Box 1350
Carmel Valley, CA 93924

Invoice

Date	Invoice #
8/31/2024	17459

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

P.O. No.	Due Date	Inv Sent
	10/15/2024	9/26/2024

Date	Description	Amount
8/31/2024	Reimbursable Expenses for City of Ridgecrest Monthly Rent - please see attached	300.00
Total		\$300.00

**AGREEMENT FOR LEASE OF
100 W. CALIFORNIA AVENUE, RIDGECREST, CA**

by and between

**THE CITY OF RIDGECREST AND
REGIONAL GOVERNMENT SERVICES**

AGREEMENT:

Premises: For and in consideration of the terms, covenants, and conditions contained in this Agreement, City leases to RGS, and RGS leases from City, an approximate 210 square foot office space located along with the monthly use of the City's conference room located at 100 W. California Avenue., Ridgecrest, County of Kern, State of California, depicted on the floor plan attached as **Exhibit "A"** ("**Premises**").

Term: The initial term of this Agreement ("**Term**") shall commence on the Execution Date and terminate one year (12 months) thereafter, unless sooner terminated or extended as provided in this Agreement.

Option to Extend Term: Provided RGS is not in default of any of the terms, covenants, or conditions of this Agreement, RGS shall have one option to request an extension of the initial Term for a two-year period ("**Option Term**"). RGS may exercise the option by giving the City's City Manager ("**CM**") written notice of RGS's desire to extend, not less than 60 days prior to expiration of the initial Term. The CM, at the CM's sole discretion, may accept or reject the request to extend.

4. **Right to Terminate:** Either Party may terminate this Agreement for any reason by providing a 60-day prior written notice to the other Party.

5. **Hold Over:** If RGS holds over after the expiration of the Term, with the express or implied consent of City, such holding over shall be a tenancy only from month to month and shall be governed by the terms, covenants, and conditions contained in this Agreement.

6. **Rental Consideration:**

a. **In General:** As consideration for the lease of the Premises during the Term, RGS shall pay to City in lawful money of the United States, to CM at 100 W. CALIFORNIA AVENUE, RIDGECREST, CA, or to such persons and at such places as may be designated from time to time by City. The first rental payment shall be paid within 30 days of the Execution Date, and thereafter for the balance of the Term, shall be paid on or before the first of each month. In the event RGS occupies the Premises for a partial month at any time, RGS shall only be responsible for a prorated portion of the Rent.

b. **Fair Market Rental Value:** The fair market rental rate of the facility is determined to be \$300 per month (\$1.43 per square foot).

The page intentionally blank



PO Box 1350
Carmel Valley, CA 93924

Invoice

Date	Invoice #
8/31/2024	17335

Bill To:

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

P.O. No.	Due Date	Inv Sent
	9/30/2024	9/16/2024

Date	Description	Amount
8/31/2024	Contract Services for August - please see attached	18,360.39
Total		\$18,360.39

Indian Wells Valley

Month: **August, 2024**

Hours and Rates by Pay Period					
Advisor	1st -15th		16th - EOM		Monthly
	Reg Hrs	Bill Rate	Reg Hrs	Bill Rate	Total Billed
CT	11.00	\$ 140.70	12.25	\$ 140.70	\$ 3,271.27
AK	48.60	\$ 110.25	63.90	\$ 110.25	\$ 12,403.12
GL	0.00	\$ -	0.00	\$ -	\$ -
HI	0.00	\$ -	0.00	\$ -	\$ -
DN	0.00	\$ -	0.00	\$ -	\$ -
GS	5.00	\$ 137.00	13.00	\$ 137.00	\$ 2,466.00
RM	1.25	\$ 176.00	0.00	\$ -	\$ 220.00
Totals	65.85		89.15		\$ 18,360.39

The page intentionally blank

PROVOST & PRITCHARD CONSULTING GROUP

455 W Fir Ave • Clovis, CA 93611 • (559) 449-2700
www.provostandpritchard.com

April Keigwin
Indian Wells Valley Groundwater Authority
100 West California Avenue
Ridgecrest, CA 93555

August 31, 2024
Project: No: 04101-23-002
Invoice No: 112824

Project Name: IWVGA Imported Water Conveyance Design Services

Client Project #:

See Monthly Progress Report attached to the front of this invoice.

Professional Services from August 01, 2024 to August 31, 2024

Phase: 121P Coordination Meetings

Labor

	Hours	Rate	Amount	
Senior Engineer	5.20	195.00	1,014.00	
Senior Specialist	1.60	165.00	264.00	
Totals	6.80		1,278.00	
Total Labor				1,278.00
			Total this Phase:	\$1,278.00

Phase: 131P P&P General Project Management

Labor

	Hours	Rate	Amount	
Senior Engineer	27.70	195.00	5,401.50	
Principal Engineer	7.70	248.00	1,909.60	
Totals	35.40		7,311.10	
Total Labor				7,311.10
			Total this Phase:	\$7,311.10

Phase: 132S Stantec General Project Management

Consultants

Consultants			352.19	
Total Consultants			352.19	352.19
			Total this Phase:	\$352.19

Phase: 133T Bennett Trenchless Engineers General Project Management

Consultants

Consultants			135.13	
Total Consultants			135.13	135.13
			Total this Phase:	\$135.13

Phase: 221P Environmental & ROW Consultant Coordination

*** Please make checks payable to Provost & Pritchard Consulting Group ***
For billing inquiries, please email Billing@ppeng.com.

Project	04101-23-002	IWVGA Imported Water Conveyance Design	Invoice	112824
---------	--------------	--	---------	--------

Labor

	Hours	Rate	Amount	
Assistant Engineer	4.70	126.00	592.20	
Totals	4.70		592.20	
Total Labor				592.20
Total this Phase:				\$592.20

Phase: 231P Surveying

Labor

	Hours	Rate	Amount	
Licensed Surveyor	.50	180.00	90.00	
Totals	.50		90.00	
Total Labor				90.00
Total this Phase:				\$90.00

Phase: 252G Soils Engineering Geotechnical Services

Consultants

Consultants			87,623.89	
Total Consultants			87,623.89	87,623.89
Total this Phase:				\$87,623.89

Phase: 274P Kern County Roads Franchise Agreement/Encroachment Permit

Labor

	Hours	Rate	Amount	
Senior Engineer	.50	178.00	89.00	
Assistant Specialist	.30	112.00	33.60	
Totals	.80		122.60	
Total Labor				122.60
Total this Phase:				\$122.60

Phase: 275P SCE Encroachment Permit (Transmission Line Under Crossing)

Labor

	Hours	Rate	Amount	
Senior Engineer	8.00	178.00	1,424.00	
Senior Engineer	.50	195.00	97.50	
Totals	8.50		1,521.50	
Total Labor				1,521.50
Total this Phase:				\$1,521.50

Phase: 284S Scour Analysis of BLM Drainage Crossings

Labor

	Hours	Rate	Amount	
Principal Engineer	1.30	227.00	295.10	
Totals	1.30		295.10	
Total Labor				295.10

Consultants

Consultants			26,415.50	
Total Consultants			26,415.50	26,415.50

Project	04101-23-002	IWVGA Imported Water Conveyance Design	Invoice	112824
Total this Phase:			\$26,710.60	
Phase:	31T7	Instrumentation and Controls TM		
Consultants				
Consultants			9,499.00	
Total Consultants			9,499.00	9,499.00
Total this Phase:			\$9,499.00	
Phase:	31TX	Mechanical Process-Pump Selection		
Consultants				
Consultants			9,476.00	
Total Consultants			9,476.00	9,476.00
Total this Phase:			\$9,476.00	
Phase:	321P	P&P 60% Submittal		
Labor				
		Hours	Rate	Amount
Senior Engineer		38.63	178.00	6,876.14
Senior Engineer		9.00	164.00	1,476.00
Senior Engineer		39.60	195.00	7,722.00
Assistant Engineer		30.30	126.00	3,817.80
Senior Biologist		.80	137.00	109.60
Project Administrator		1.40	94.00	131.60
Project Administrator		5.90	101.00	595.90
Totals		125.63		20,729.04
Total Labor				20,729.04
Total this Phase:			\$20,729.04	
Phase:	322D	P&P Drafting 60% Submittal		
Labor				
		Hours	Rate	Amount
Senior Engineer		12.80	178.00	2,278.40
Senior Engineer		37.90	195.00	7,390.50
Assistant Engineer		6.50	105.00	682.50
Assistant Engineer		53.50	126.00	6,741.00
Principal Engineer		40.90	207.00	8,466.30
Principal Engineer		5.50	248.00	1,364.00
Project Administrator		2.80	94.00	263.20
Senior Technician		211.50	150.00	31,725.00
Associate Technician		130.20	125.00	16,275.00
Assistant Engineer		150.92	133.00	20,072.36
Totals		652.52		95,258.26
Total Labor				95,258.26
Total this Phase:			\$95,258.26	
Phase:	323S	Stantec 60% Pumping Facility Design and Specs		
Consultants				
Consultants			200,002.25	
Total Consultants			200,002.25	200,002.25

*** Please make checks payable to Provost & Pritchard Consulting Group ***
For billing inquiries, please email Billing@ppeng.com.

Page 3

Project	04101-23-002	IWVGA Imported Water Conveyance Design	Invoice	112824
---------	--------------	--	---------	--------

Total this Phase: \$200,002.25

Phase: 324T 60% Bennett Trenchless Consultants

Consultants

Consultants	21,505.00	
Total Consultants	21,505.00	21,505.00

Total this Phase: \$21,505.00

Billing Limits

	Current	Prior	To-Date
Total Billings	482,206.76	3,092,891.04	3,575,097.80
Budget			3,770,969.00
Budget Remaining			195,871.20

Total this Invoice \$482,206.76

The page intentionally blank

PROVOST & PRITCHARD CONSULTING GROUP

455 W Fir Ave • Clovis, CA 93611 • (559) 449-2700
www.provostandpritchard.com

April Keigwin
Indian Wells Valley Groundwater Authority
100 West California Avenue
Ridgecrest, CA 93555

September 30, 2024
Project No: 04101-23-001
Invoice No: 113548

Project Name: Indian Wells Valley Groundwater Authority-CEQA/NEPA Documents and Permit Documentation

Client Project #:

For the month of August 2024, Provost & Pritchard performed the following services for the IWVGA Imported Water Pipeline Project:

Phase TSK1 Initial Coordination: Coordination meetings with applicant, BLM, USFWS regarding status and next steps for project. Email correspondence. Project administration and billings.

Phase TSK2 Geotechnical Studies: Updates and revisions to geotechnical permitting package for CDFW LSA

Phase TSK5 Regulatory Compliance and Permitting: Impact analysis for permitting agencies and BLM for geotechnical work and overall pipeline project. Disturbance and habitat mapping updates. Updates to LSA package by permitting staff and email correspondence with permitting agencies. Prepare and discussion for disturbance memo requested by BLM. Data research on subconsultant materials.

Phase TSK6 CEQA/NEPA Documentation: Updates to environmental documentation based on technical reports and QAQC review comments.

Phase TSK7 Geotechnical Monitoring: Subconsultant invoice for biological and cultural monitoring services for geotechnical boring work.

Professional Services from August 01, 2024 to August 31, 2024

Phase: TSK1 Initial Coordination (Kick Off Meetings)

Labor

	Hours	Rate	Amount	
Associate Biologist	1.30	143.00	185.90	
Principal Planner	11.20	198.00	2,217.60	
Principal Biologist	3.10	180.00	558.00	
Senior Project Administrator	22.10	122.00	2,696.20	
Totals	37.70		5,657.70	
Total Labor				5,657.70

Consultants

Consultants			826.56	
Total Consultants			826.56	826.56

Total this Phase: \$6,484.26

Phase: TSK2 Geotechnical Studies

Consultants

Consultants			4,036.50	
Total Consultants			4,036.50	4,036.50

Total this Phase: \$4,036.50

Phase: TSK5 Regulatory Compliance and Permitting

Labor

	Hours	Rate	Amount	
Assistant Engineer	4.00	136.00	544.00	
Assistant Specialist	6.30	110.00	693.00	
Associate Specialist	13.10	127.00	1,663.70	

*** Please make checks payable to Provost & Pritchard Consulting Group ***
For billing inquiries, please email Billing@ppeng.com.

Project	04101-23-001	IWVGA CEQA_NEPA Permitting	Invoice	113548
Associate Biologist		17.00	143.00	2,431.00
Senior Specialist		6.10	157.00	957.70
Principal Planner		.50	198.00	99.00
Principal Biologist		.30	180.00	54.00
Totals		47.30		6,442.40
Total Labor				6,442.40
Reimbursable Expenses				
Postage/Shipping/Delivery			20.86	
Total Reimbursables			20.86	20.86
Total this Phase:				\$6,463.26
Phase:	TSK6	CEQA/NEPA Documentation		
Labor				
		Hours	Rate	Amount
Assistant Engineer		4.00	136.00	544.00
Associate Biologist		17.70	143.00	2,531.10
Senior Specialist		6.10	157.00	957.70
Associate Planner		2.60	131.00	340.60
Assistant Planner		.20	110.00	22.00
Principal Planner		1.90	198.00	376.20
Principal Biologist		.30	180.00	54.00
Totals		32.80		4,825.60
Total Labor				4,825.60
Total this Phase:				\$4,825.60
Phase:	TSK7	Geotechnical Borings - Monitoring Svcs		
Consultants				
Consultants			69,681.26	
Total Consultants			69,681.26	69,681.26
Total this Phase:				\$69,681.26
Total this Invoice				\$91,490.88

The page intentionally blank

PROVOST & PRITCHARD CONSULTING GROUP

455 W Fir Ave • Clovis, CA 93611 • (559) 449-2700
www.provostandpritchard.com

April Keigwin
Indian Wells Valley Groundwater Authority
100 West California Avenue
Ridgecrest, CA 93555

September 30, 2024
Project: No: 04101-24-002
Invoice No: 113549

Project Name: IWVGA Imported Pipeline Mojave Tank Farm Alternative

Client Project #:

For the month of August 2024, Provost & Pritchard performed the following tasks for the IWVGA Mojave Tank Farm Project:
Phase TSK1 Initial Coordination: Coordination meeting with BLM, applicant, USFWS, and DOD for project status and next steps update. Status update meeting with AVEK.

Phase TSK2 Technical Studies: Bio and cultural survey preparations and coordination. Data mapping. Draft bio report. Air Quality, GHG, Energy and Noise reports received for Mojave Tank Farm portion.

Phase TSK3 CEQA/NEPA Documentation: Email correspondence regarding cumulative impacts for projects in area.

Professional Services from August 01, 2024 to August 31, 2024

Phase: TSK1 IWVGA Imported Pipeline Project Mojave Tank Farm Analysis Initial Coordination

Labor

	Hours	Rate	Amount	
Associate Biologist	.80	143.00	114.40	
Principal Planner	.50	198.00	99.00	
Senior Project Administrator	13.80	122.00	1,683.60	
Totals	15.10		1,897.00	
Total Labor				1,897.00
Total this Phase:				\$1,897.00

Phase: TSK2 IWVGA Mojave Tank Farm Analysis Technical Studies

Labor

	Hours	Rate	Amount	
Travel Time	6.00	90.00	540.00	
Associate Biologist	12.40	143.00	1,773.20	
Senior Specialist	1.40	157.00	219.80	
Project Administrator	.40	114.00	45.60	
Associate Biologist	19.10	129.00	2,463.90	
Totals	39.30		5,042.50	
Total Labor				5,042.50

Consultants

Consultants	12,098.00	
Total Consultants	12,098.00	12,098.00

Reimbursable Expenses

Travel & Mileage	349.04	
Other Direct Reimb Expenses	15.63	
Total Reimbursables	364.67	364.67

Total this Phase: \$17,505.17

Phase: TSK3 IWVGA Mojave Tank Farm Analysis CEQA_NEPA Compliance

*** Please make checks payable to Provost & Pritchard Consulting Group ***
For billing inquiries, please email Billing@ppeng.com.

Project	04101-24-002	IWVGA Imported Pipeline Mojave Tank Farm	Invoice	113549
---------	--------------	--	---------	--------

Labor

	Hours	Rate	Amount	
Associate Planner	.20	131.00	26.20	
Principal Planner	.70	198.00	138.60	
Totals	.90		164.80	
Total Labor				164.80
		Total this Phase:		\$164.80
		Total this Invoice		<u>\$19,566.97</u>

The page intentionally blank



Capitol Core Group
205 Cartwheel Bend (Operations Dept.)
Austin, TX 78738 US
+15125683084
operations@capitolcore.com
www.capitolcore.com

BILL TO

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

INVOICE 2024-076**DATE** 10/02/2024 **TERMS** Net 45**DUE DATE** 11/16/2024**VENDOR ID**

195953

INVOICE PERIOD

September 2024

DATE	ACCOUNT SUMMARY	AMOUNT
09/03/2024	Balance Forward	29,643.75
	Other payments and credits after 09/03/2024 through 10/01/2024	-29,643.75
10/02/2024	Other invoices from this date	0.00
	New charges (details below)	14,225.00
	Total Amount Due	14,225.00

ACTIVITY	HOURS	RATE	AMOUNT
Charges			
PROJECT 1: IMPORTED WATER SUPPLIES			
P1-A: Ongoing Negotiations with Sellers:			
Government Relations: Intergovernmental Affairs A: Client meeting, follow-up with Seller {Tatum}	3.50	275.00	962.50
P1-B: Other Required Agreements:			
P1-C: Regulatory Approvals			
P1-D: 2024 Water Marketing			
Government Relations: Intergovernmental Affairs D: 2024 Water Supply Calls {Tatum}	5	275.00	1,375.00
Government Relations: Intergovernmental Affairs D: 2024 Water Marketing {Simonetti}	0.75	250.00	187.50
INVOICE TOTAL PROJECT 1: \$2,525.00 (9.25 hours)			
PROJECT 2: INTERCONNECTION PIPELINE PROJECT			
Government Relations: Federal Congressional: WRDA-24: Direct Advocacy: Conference Committee: Conference Report Language (Committee), Non-federal sponsor amendment (Committee), Chairman Graves, Ranking Member Larsen, Chairman Carper, Ranking Member Capito-Moore {McKinney}	7	275.00	1,925.00
Government Relations: Federal Internal Client Meetings: WRDA-24 and USACE Items {McKinney}	2	275.00	550.00

ACTIVITY	HOURS	RATE	AMOUNT
Government Relations:Federal Congressional: WRDA-24 support letters, White Paper development (emerging opposition), question development, D.C. support {Tatum}	5.50	275.00	1,512.50
Government Relations:Federal Congressional: WRDA-24 -- Conference Committee Member lobbying, opposition materials (response) {Simonetti}	3.75	250.00	937.50
INVOICE TOTAL PROJECT 2: \$4,925.00 (19.25 hours)			
PROJECT 3: OTHER PROJECTS SUPPORTING THE GSP			
P3-A: Water Recycling Project			
P3-B: Wastewater Treatment Plant			
P3-C: Legislative Affairs			
Government Relations:California Legislative: 2023-2024 Final Legislative Affairs monitoring/Govern Actions and Reporting {McKinney}	2	275.00	550.00
Government Relations:California Legislative: 2025-2026 Legislative Proposal: Direct Advocacy, Internal Meetings, and strategy {McKinney}	4	275.00	1,100.00
Government Relations:California Legislative/Executive: 2025 Legislative Proposal Direct Advocacy {Simonetti}	5	250.00	1,250.00
Government Relations:California Legislative/Executive: AB 460 Analysis {Simonetti}	2	250.00	500.00
INVOICE TOTAL PROJECT 3: \$3,400.00 (13 Hours)			
PROJECT ADMINISTRATION:			
General Business Items:Project Administration Monthly: Monthly materials preparation, September Board Meeting {McKinney}	4	275.00	1,100.00
General Business Items:Project Administration Board Meeting: September {Tatum}	3.50	275.00	962.50
General Business Items:Project Administration Board Meeting: September Board Meeting {Simonetti}	4.25	250.00	1,062.50
General Business Items:Project Administration Ad Hoc: Various Staff Calls and Reporting {Simonetti}	1	250.00	250.00
INVOICE TOTAL PROJECT ADMINISTRATION: \$3,375.00 (12.75 Hours)			

REGULATORY REPORTING NOTES:			
Federal: Total Reporting on Invoice: \$4,925.00			
Federal: Quarterly Reporting Amount: \$11,525.00			
NOTE: Financial Disclosure Reports (Form 635) are due to the CA Secretary of State by 10/20/2024			
State: Total Reporting on Invoice: \$3,400.00			
State: Quarterly Reporting Amount: \$9,687.50			

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

SUBTOTAL

14,225.00

TAX	0.00
TOTAL	14,225.00
TOTAL OF NEW CHARGES	14,225.00

TOTAL DUE	\$14,225.00
-----------	--------------------

The page intentionally blank

IWVGA ADMINISTRATIVE OFFICE
STAFF REPORT

TO: IWVGA Board Members **DATE:** October 9, 2024

FROM: IWVGA Staff

SUBJECT: **Agenda Item 9 – Update On Rademacher Consolidation and Approval Of Reimbursement Agreement Between Indian Wells Valley Groundwater Authority And Indian Wells Valley Water District**

BACKGROUND

The Indian Wells Valley Groundwater Authority (IWVGA) has been awarded a \$3.3 million grant from the California Department of Water Resources' Urban Community Drought Relief Grant (UCDRG) Program to implement a Shallow Well Consolidation Project. The UCDRG Program is intended to address impacts to basin water supplies for the benefit of human health and safety. The \$3.3 million grant can be used for planning, designing, and constructing projects to consolidate shallow wells that may be impacted by declining groundwater levels into the Indian Wells Valley Water District's (IWVWD) water distribution system.

DISCUSSION

As discussed at the September 2024 Board meeting, there is poor groundwater quality in the Rademacher Way Area due to historical excessive pumping in the area. The sole well supplying the Desert Sands Mutual Water Company, previously referred to as the Rademacher Well, has concentrations of arsenic that are 10 times the Maximum Contaminant Level allowed for drinking water. There are five residences connected to the Desert Sands Mutual Water Company well. Two residences, Jones and Wise, are already connected to the Indian Wells Valley Water District (IWVWD), one residence (Smith) is using a neighbor's well, another residence (Bassett) is hauling water, and the Sanchez family is the only family actively using the well in their home. A member of the Sanchez household addressed the Board during the July 2024 Board meeting. Since the September 2024 Board meeting, staff has coordinated with the IWVWD to expedite consolidation of the Desert Sands Mutual Water Company with the IWVWD. The IWVWD has prepared a draft Reimbursement Agreement with the IWVGA, attached to this staff report, for the IWVWD to do the construction of the pipeline for the consolidation in-house. Given the urgency of the Desert Sands Mutual Water situation, the consolidation project for the Rademacher Way Area is being broken up into two phases.

The first phase will consolidate the Sanchez and Bassett residences, using pre-existing plans developed by Cornerstone Engineering in 2021. The first phase is estimated to start in December to allow connection to the existing pipeline in Springer Avenue pipe during a time of low water demands to avoid potential disruption of service to other customers. It is estimated it will take about 4 weeks to complete construction. The estimated budget for the first phase is approximately \$262,900. The second phase will connect the remaining residence (Smith) on the Desert Sands Mutual Water Company well on Gordon Street, as shown in Figure 1. The second phase will also

connect any additional residents on Rademacher Way and Gordon Street that would like to consolidate. The second phase also loops the pipeline back to the Springer Avenue pipeline, which will prevent stagnation of water and provide better hydraulic performance for the new pipelines. The estimated cost for Phase 2 is approximately \$1,152,800. The draft design for the second phase is currently being developed and is anticipated to be available in November. A short presentation on these updates is attached to this report.

A CEQA Notice of Exemption (NOE) for Phase One and Two has been filed and sent to the State system on September 16, 2024. An Encroachment Permit is underway for both phases, and easements are being acquired for Phase One. GA staff met with Self-Help Enterprises (Self-Help) to discuss the potential for Self-Help to cover the costs of meter-to-house connections, which are not covered by the UCDRG grant. However, given the schedule for Phase One, funds from the State may not be available to Self-Help by the time of construction in December. Discussions with Self-Help are currently still underway.

RECOMMENDED ACTION

Staff recommend that the Board approve the Reimbursement Agreement with the IWVWD, authorizing the IWVWD to complete construction for Phase 1 and 2, estimated to cost \$1,415,700.00 in total.

The page intentionally blank

REIMBURSEMENT AGREEMENT

This Reimbursement Agreement (the “Agreement”) is entered into as of October 9, 2024 (“Effective Date”), between the Indian Wells Valley Groundwater Authority, a Joint Powers Authority created pursuant to the provisions of California Government Code sections 6500 et seq., (“Authority”) and the Indian Wells Valley Water District, a County Water District created pursuant to the provisions of California Water Code sections 30000, et seq., (“District”). The Authority and District are sometimes hereinafter individually or collectively called a “Party” or the “Parties”.

RECITALS

WHEREAS, the Authority was formed after enactment of the “Sustainable Groundwater Management Act” (“SGMA”) for the purpose of becoming the exclusive Groundwater Sustainability Agency and achieving groundwater sustainability through the adoption and implementation of a Groundwater Sustainability Plan (“GSP”) for the Indian Wells Valley basin.

WHEREAS, the Authority has received funding from the California Department of Water Resources (“DWR”) under the Urban Community Drought Relief Grant (Agreement Number 4600015371) for the Authority’s Shallow Well System Consolidation Project for purposes including, to “provide water to persons or communities that lose or are threatened with the loss or contamination of water supplies”.

WHEREAS, the Authority has identified multiple residences that are currently served water from a well that is no longer potable.

WHEREAS, the failing well, and residences served by the well, are located along and around Rademacher Way, south of Springer Avenue in Kern County, California.

WHEREAS, District has facilities directly south of Rademacher Way (Springer Pipeline) that would allow readily those residences threatened with the loss or contamination of water supplies to voluntarily “tie” into District facilities and become a customer of the District.

WHEREAS, Authority and District believe the potential loss of water to those impacted residences could be imminent and that a consolidation with the District is the most expeditious and cost-effective way to provide a reliable long term drinking supply to those impacted residences.

WHEREAS, the Authority and District have conferred and agree that connecting these impacted residences to District facilities and becoming customers of the District is the best short and long term solution for those impacted residences.

WHEREAS, the Authority and District agree that the construction needed to consolidate all the residences to District facilities should be done in 2 Phases (“Project”).

WHEREAS, Phase I will consist of installation of 1000±L.F. of 8-inch PVC water pipe

within Rademacher Way, lateral water lines and meters connecting the residences to the 8-inch pipe and installation of two fire hydrants is needed to consolidate those residences with the District ("Phase 1).

WHEREAS, Phase 2 will consist of the installation of an additional 1000±L.F. of 8-inch PVC water pipe within Rademacher Way (north of Phase 1 pipeline); 1600±L.F. of 8-inch PVC water pipe within China Lake Blvd. (running southwesterly); and 1200±L.F. of 8-inch PVC water pipe within S. Gordon Street (running south), where it will tie into the District's Springer Pipeline. Phase 2 further consists of installation of lateral water lines and meters connecting the residences to the 8-inch pipe and installation of two fire hydrants is needed to consolidate those remaining residences with the District ("Phase 2).

WHEREAS, District has determined that it has the necessary resources and expertise to construct Phase 1 and Phase 2 using District personnel and equipment upon any necessary approvals.

WHEREAS, the Parties are agreeable to District constructing and installing the Project.

NOW THEREFORE, in consideration of the foregoing Recitals, which are incorporated herein by this reference, and of the covenants and agreements herein contained, the Parties hereto agree as follows:

1. Purpose. The purpose of this Agreement is twofold: (1) to ensure the District is reimbursed for all expenses incurred in constructing and installing Phase 1 and Phase 2 of the Project; and (2) to ensure the District's work is done in compliance with the Authority's Urban Community Drought Relief Grant.

2. Scope of Work. The District shall complete the following tasks required by the Authority's Grant as part of the District's scope of work to complete Phase 1 and Phase 2 of the Project:

- a. Task 5: CEQA Documentation. District shall complete environmental review pursuant to CEQA and prepare and file all necessary environmental documentation. District shall prepare a letter stating no legal challenges (or addressing legal challenges).
- b. Task 6: Permitting. District shall obtain an Encroachment Permit from the County of Kern for the Project. The project is located within the District's boundary so LAFCO approval is not needed. District understands that the State Water Resources Control Board Division of Drinking Water will need to review the construction plans. District to obtain any other needed permits.

- c. Task 7: Design. District. District will design the pipeline and laterals, controls, valves and meters connecting the residences to the 8-inch PVC water pipe. Said design to include the “tie-in” to Springer Pipeline. The design will be to District specifications. District is responsible for 100% Design Plans and Specifications.
- d. Task 10: Construction Administration. There is no expected contractor review or questions as District is constructing the Project. District will provide a full-time engineer construction observer who will be on site for the duration of the Project. The engineer construction observer will be responsible for managing contractor submittal review, answering requests for information, and issuing work directives. A full-time engineering construction observer will be on site for the duration of the project. Construction observer duties include: documenting pre-construction conditions, daily construction diary, preparing change orders, addressing contractor question, reviewing/ updating project schedule, reviewing contractor log submittals and pay requests, forecasting cash flow, reviewing contractor work and notifying contractor if work is not acceptable.

Upon completing the project, the DWR Certificate of Project Completion and record drawings will be provided to DWR.

- e. Task 11: Construction. District is responsible for all construction activities necessary to complete the Project. These activities include:
 - (i) Mobilization and Demobilization: District to move equipment and materials to and off the site and site clean-up.
 - (ii) Site Preparation: Site preparation tasks include any necessary clearing and grading.
 - (iii) Install, construct, excavate: Construction activities include the construction of water distribution systems including pipelines, laterals, controls, valves and meters connecting the residences to the 8-inch PVC water pipe and “tie-in” to Springer Pipeline.
 - (iv) Improvements: District will install any additional improvements needed to complete the Project and connect the residences to the 8-inch PVC water pipe.

- (v) Photographs: District to provide photographic documentation of progress made on the Project.

3. Reimbursement. The District shall submit a monthly invoice to the Authority for any expenses incurred for District providing the work described in this Agreement. The invoice shall include copies of all invoices/charges paid by the District for the Project and charges for the use of District personnel to complete the Project. The Authority shall remit payment within sixty (60) days receipt of said invoice.

4. Coordination. The Parties agree to coordinate the tasks related to District's work on the Project. The Parties shall consult with each other prior to making any recommendations with respect to any time/schedule adjustments.

5. Dispute Resolution. In the event there are disputes and/or controversies relating to the interpretation, construction, performance, termination or breach of this Agreement, the Parties shall in good faith meet and confer in an attempt to informally resolve such matter(s). If the Parties are unsuccessful in resolving such matter(s) through an informal meeting process, they may attempt to resolve such matter(s) through mediation, through arbitration under the rules and regulations of the American Arbitration Association or they may exercise whatever other legal rights and remedies they may have.

6. Termination. Either Party retains the right to terminate this Agreement, at its sole discretion, upon thirty (30) days written notice. In the event of termination of this Agreement, the payment of monies due to District for District's work performed prior to the date such termination notice is received by the District shall be paid within sixty (60) days after receipt of an invoice as provided in this Agreement.

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the date first above written.

**INDIAN WELLS VALLEY
WATER DISTRICT**

By: _____
Ronald R. Kicinski, President
Board of Directors

**INDIAN WELLS VALLEY
GROUNDWATER AUTHORITY**

By: _____
Phillip Peters, Chairman
Board of Directors

The page intentionally blank

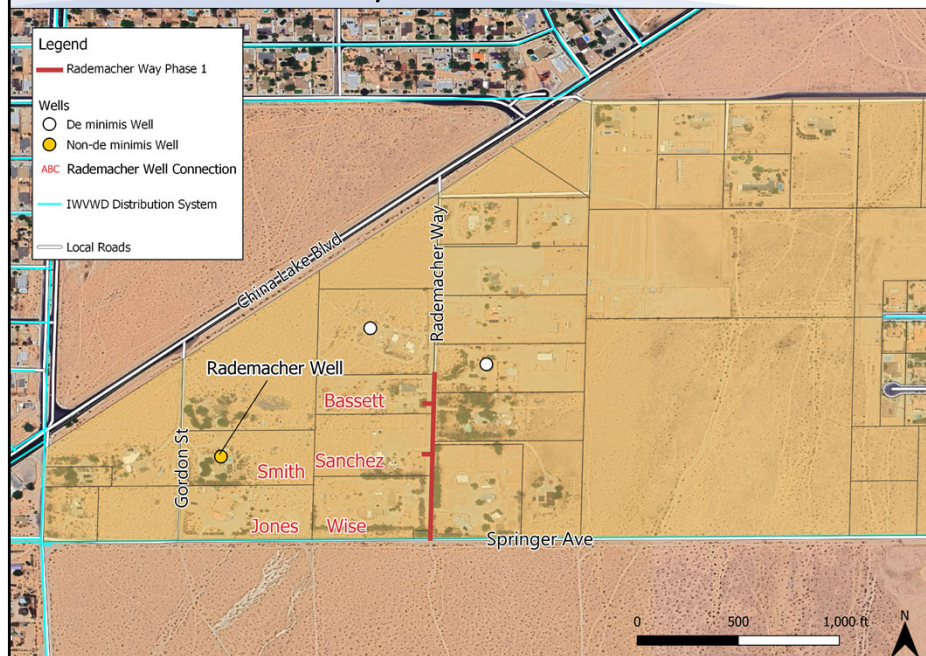
Update On Rademacher Consolidation and Approval Of Reimbursement Agreement Between Indian Wells Valley Groundwater Authority And Indian Wells Valley Water District

October 9, 2024



1

Rademacher Way Consolidation Phase 1

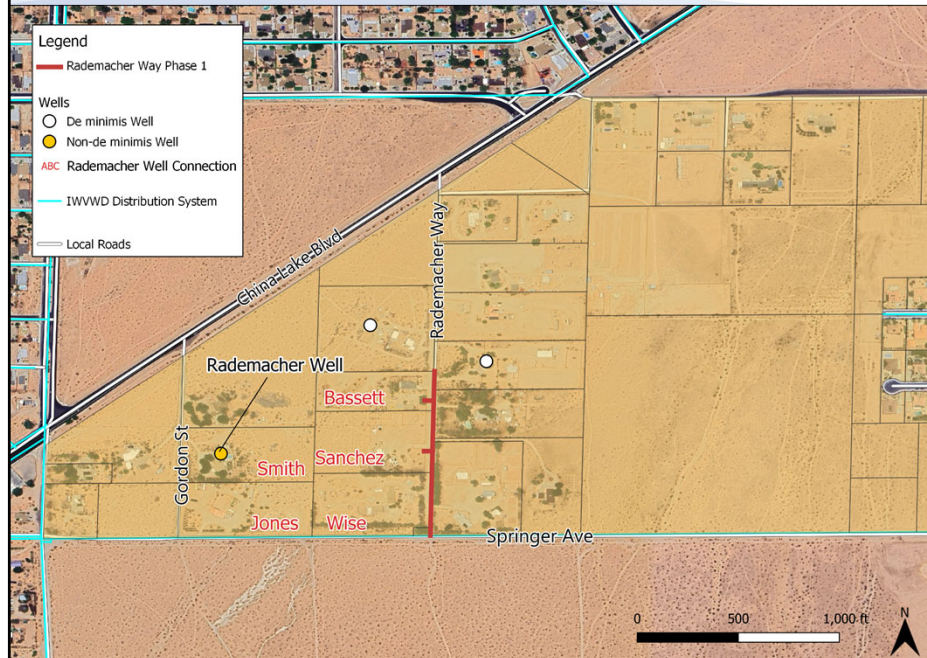


Progress with Consolidation:

- Coordination with IWWVD for construction
- Agreed on 2-Phase approach
- Reimbursement Agreement with IWWVD drafted and under review
- CEQA Notice of Exemption complete
- County Encroachment Permit underway
- Self-Help Enterprises to potentially cover meter-to-house connections
 - Scheduling issues
- Easements may be required

2

Rademacher Way Consolidation Phase 1



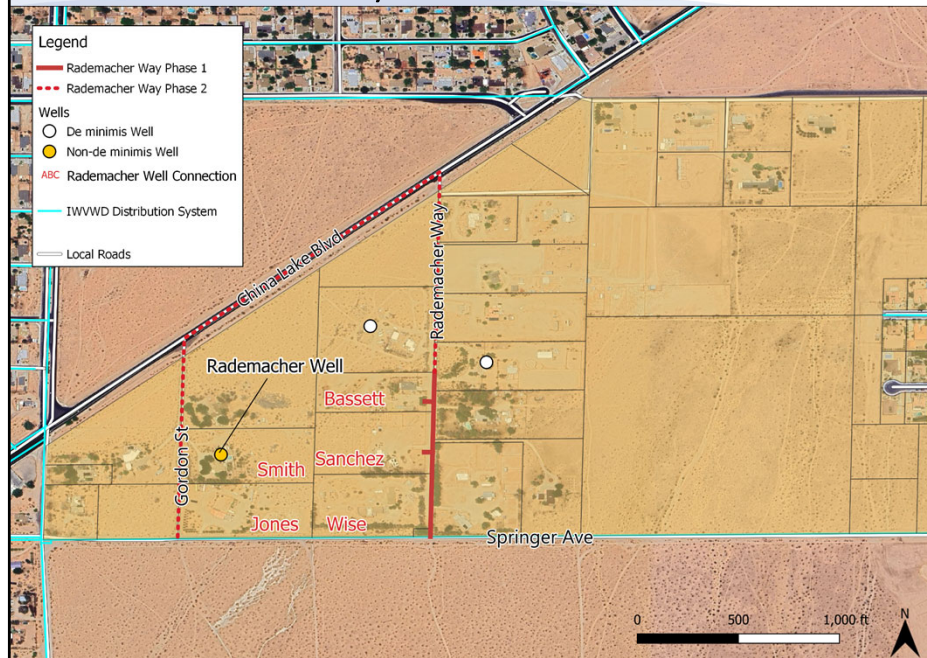
Estimated Cost: \$262,900

Schedule:

- Construction to start in December
- Estimated to take ~4 weeks for construction

3

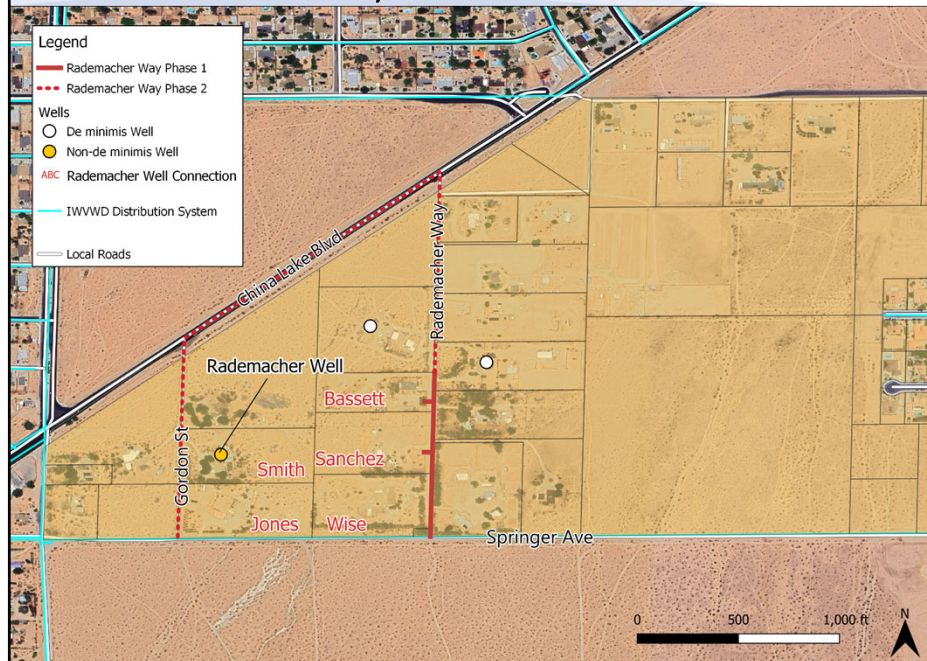
Rademacher Way Consolidation Phase 2



- Phase 2 would follow the construction of Phase 1
- Loops the system
- Allows additional residents in the area to connect to IWWWD
- Design plans currently underway

4

Rademacher Way Consolidation Phase 2



Estimated Cost: \$1,152,800

Schedule:

- Construction to start following Phase 1 completion
- Estimated to take ~8 weeks for construction

The page intentionally blank

IWVGA ADMINISTRATIVE OFFICE

STAFF REPORT

TO: IWVGA Board Members

DATE: September 2024

FROM: IWVGA Staff

SUBJECT: Recycled Water Project Funding Update

BACKGROUND

In August 2023 and again in October 2023, IWVGA staff provided the Board with an update detailing the project cost estimates, annual operations, and maintenance costs associated with a Recycled Water Project. The presentation included the availability of potential funding sources for the project. In October 2023, the Board unanimously provided direction to suspend work on the Recycled Water Project based on two factors:

1. Recycled water yield projections from the project needed to provide more water to meet sustainability requirements and substantively offset the imported water requirements within the Groundwater Sustainability Plan (GSP).
2. The per unit cost of produced recycled water would substantially increase water rates.

DISCUSSION

Feasibility Study

In October 2023, the U.S. Bureau of Reclamation (USBR) approved a Feasibility Study submitted by the IWVGA under Title XVI of the Water Infrastructure Improvements for the Nation Act (“WIIN Act”). This provides an opportunity to seek 25% of the project’s total capital costs from federal funds. The remaining 75% of funding must be sought from local and/or State funding opportunities. The Feasibility Study confirms the technological capability of the project. While USBR reviews project costs to validate the project’s feasibility, a cost-benefit analysis is not part of the USBR’s approval of the project.

The Recycled Water Project

The feasibility study generally describes the project as tertiary treatment facilities, advanced treatment facilities, booster facilities, pipeline facilities, and injection wells. The project’s purpose is to treat secondary treated effluent obtained from the City of Ridgecrest Wastewater Treatment Plant and inject treated water meeting Clean Water Act guidelines into the aquifer for groundwater recharge.¹ The analysis

¹ Costly injection wells are required because studies have shown that the Basin does not percolate enough for effective surface application.

of the treatment processes included two alternatives of 2-stage or 3-stage reverse osmosis (RO) treatment, which differ in the amount of brine produced and affect the size of evaporation ponds required for the disposal of the brine. The water conveyance facilities include one booster pump station, approximately 58,957 feet of transmission pipeline, and three injection wells.

Yield/Return Flows

Initial (year-one) recycled water yield, otherwise known as “return flows,” is estimated at 1,573 acre-feet per year (AFY) based on the current effluent flow into the City of Ridgecrest Treatment Plant and treatment losses. Two factors impact available effluent for recycled water treatment: 1) water efficiency achieved by the City and its residents that may reduce produced effluent and 2) contractual obligations between the City and the United States Navy for secondary treated water on the installation.²

The cost analysis provided to the Board is based on a one-percent growth rate within the City, which increases the average annual return flow to 2,223AFY over the recycled water plant's lifespan. To meet the average annual return flow, imported water is required to achieve a one percent annual growth rate within the Water District's service territory. Without this imported water for growth, the return flow will be capped at roughly 1,500 AFY.³

Physical Plant Project Costs

Stetson Engineers has provided a total cost estimate for the Recycled Water Project of \$140,240,000.00.

Planning costs, including environmental permitting (CEQA and NEPA), design and engineering, and permitted rights-of-way acquisition, are estimated at \$5,300,000.00.

The remaining \$134,940,000.00 is for the physical plant construction. A full cost breakdown is attached to this report.

Financing Plant Costs

Title XVI provides a maximum of 25% of the total project costs with a cap of \$30,000,000. At an expected cost of \$140,240,000, the total federal share would reach the \$30,000,000 cap. The remaining non-federal share, which can come from State or local funding sources, would be \$110,240,000.00.

Financing estimates for the non-federal share provided to the Board were based on three scenarios:

1. A Clean Water State Revolving Fund loan – through the State Water Resources Control Board
2. A Water Infrastructure Financing and Investment Act (“WIFIA”) loan – through USEPA

² Recently, a Water District board member criticized the Navy's rights to this water and its use on base. We should note that the criticism seems misplaced because the Navy will contribute far more effluent to the project than it actually uses.

³ The difference from 1,573 AFY is that current uses of water will need to be further curtailed without an import project, thus lowering the effluent inflow.

3. Local bonding obligations

Borrowing rates for these options are based on specific bond rates or annual interest rates. The numbers provided to the Board in 2023 were based on early 2023 rates and remain at those 2023 rates to provide consistency in our reporting. They may vary slightly at the time of lending or bond issuance.

Financing estimates through the State Revolving Fund (SRF) assume a maximum 30-year loan at a 2.125% APR⁴ with quarterly payments:

- A total quarterly payment of \$1,245,384.75 (\$4,981,539.00 annually)
- A total of 120 payments equaling \$149,446,148.00
- Total interest paid \$39,206,148.00

Financing estimates through WIFIA assume a 35-year loan at 3.922% APR⁵ with quarterly payments. Please note that loan application costs through WIFIA range between \$250,000 and \$300,000 in upfront fee payments.

- A total quarterly payment of \$1,453,652.54 (\$5,814,610.16 annually)
- A total of 140 payments equaling \$203,511,355.52
- Total interest paid: \$93,271,355.52

Bond financing assumes a 30-year bond at 4% debt obligation costs with annual payments.

- A total of 30 payments of \$6,432,714.26 annually
- Cost obligation to bondholders: \$82,741,427.66

The per acre-foot cost for financing the water recycling plant (planning and physical construction costs) is as follows:

	SRF	WIFIA	Bond
Initial Return Flow (1,573 AFY)	\$3,166.91	\$3,696.51	\$4,089.46
Lifespan Estimated Return Flows (2,223 AFY)	\$2,240.91	\$2,615.66	\$2,893.71

The annual per parcel charge for financing the water recycling plant (planning and physical construction costs) is as follows:

	SRF	WIFIA	Bond
Basin Wide (estimated 20,000)	\$249.77	\$290.73	\$321.64
Water District Service Territory (estimated 13,000 connections)	\$383.20	\$447.28	\$494.83

⁴ Current 2024 SRF Loan Rate is 2.3%.

⁵ Current 2024 WIFIA Loan Rates fluctuate between 4.1% and 4.3% APR. WIFIA became oversubscribed in 2023, and total loan amounts in California were capped at 50% of the total project costs. This differs from the funding availability provided to the Board in October 2023.

Annual Operations and Maintenance Costs

Power costs are the single largest expense associated with the recycled water plant. The injection well requirements increase these costs. Total operations and maintenance (O&M) costs for the recycled water plant, not including effluent costs (if any), are estimated at \$3,241,477.79 annually. These estimates are based on current values and do not consider increases in power costs over the plant's lifespan. Please note that these costs are constantly incurred because the recycled water plant must remain in continual service.

- Per acre-foot annual cost: \$2,060.70 at 1,573 (\$1,458.15 at 2,223)

Plant costs may be repaid through a per parcel (property tax) charge, ranging from \$31.93/mo. to \$42.23/mo. or by including them in rates along with the O&M charges. The previous reports provided a total per acre-foot charge to provide a total production charge and allow for rate estimates (per household costs).

	SRF	WIFIA	Bond
Annual Plant Financing Costs per acre foot	\$3,166.91	\$3,696.51	\$4,089.46
Annual O&M Charges per acre foot	\$2,060.70	\$2,060.70	\$2,060.70
Total Cost per acre-foot	\$5,227.61	\$5,757.21	\$6,150.16

The October 2023 Report to the Board estimated a high per-acre-foot cost of \$6,674.66, which included the Bond Rate and a projected electric rate increase based on SCE historical rate escalations between now and the completion of construction. The above analysis removes that rate calculation reflecting current time-of-use electricity rate cost projections.

USBR Title XVI

Title XVI of the *Water Infrastructure Improvements for the Nation Act* [Public Law 102-575, hereafter “WIIN Act”] provides authority for USBR’s water recycling and reuse program, commonly referred to as “Title XVI.” USBR identifies and investigates opportunities to reclaim and reuse wastewater and impaired ground and surface water in the 17 Western States and Hawaii through the Title XVI program. Title XVI includes funding for the planning, designing, and constructing water recycling and reuse projects in partnership with local government entities. Title XVI is generally included in the WaterSMART program within USBR, providing programmatic and grant funding opportunities. That is significant to IWVGA because it allows for increases in USBR budget items (known as “Plus Ups”) without triggering the legislatively-directed spending requirements.

In 2022, the Board directed staff to prepare and submit a Feasibility Study to USBR for the water recycling plant. In October 2023, USBR approved the IWVGA Feasibility Study of the water recycling plant. Approval of the Study opens specific funding opportunities for the water recycling plant, as Authorized under the *Infrastructure Investment and Jobs Act* and appropriated by Congress in the next fiscal year (FY2026). Twenty-five percent (25%) of the total project costs, with a maximum federal share of \$30,000,000, can be provided to the water recycling plant. IWVGA has a three-year authorization period to seek this federal funding, which began in November 2023.

In approving the Feasibility Study, the water recycling plant has undergone the identification and investigative stages required under the WIIN Act and is therefore deemed “authorized” under the WaterSMART program⁶. Limitations to appropriated funding through the *Energy and Water Development Act* (E&WD) are provided in the total authorized amounts for the program included within the *IIJA*.

There are timing issues associated with the USBR funding. Immediate planning costs are estimated at \$5,300,000.00. The application schedule at USBR opens between January and March. FY2025 funding for planning activities associated with the water recycling plant must be approved by December 2024 to meet the current schedule. The federal share of planning costs for the project would be \$1,325,000.00. The non-federal share is \$3,975,000.00. Loans or bonds would need to be secured by June 2025. Assuming a six-month time frame to secure those loans or bonds, the adoption of a fee to cover the \$3,975,000.00 plus interest would be required in the coming weeks, as the procedure for adopting those funds will take three to six months. Some overlap in the process of fee adoption and loans or bonds process can be assumed, but the fees must be fully adopted months after the funding completion date.

The required \$5.3 million in planning funding includes the completion of engineering and design of the water recycling plant up through 60%, right-of-way permitting, and environmental permitting. Both NEPA and CEQA are required with USBR funding. The project will be subject to the *Buy America, Build America* (“BABA”) provisions in *IIJA*. There are no exemptions to the BABA requirements.

The Title XVI authorization expires in November 2026. **Acceptance of the Title XVI funding will limit all other federal funding sources.**

Water Discussion – Bonding Uncertainty

As currently envisioned, the project anticipates the District will utilize recycled water produced by the plant. With that said, there is the potential that other Basin users may want to utilize this water, and IWVGA must consider those requests and treat them equally. Assuming other users continue to pass on the opportunity, additional agreements for purchasing the feedwater effluent are required to secure the allocation of the recycled water to the District. Without an agreement to purchase the effluent and associated treatment costs, IWVGA must provide that water equitably to all users in the basin. Such agreements and funding should be included in the decision to seek funding. It is worth noting that this is not a hypothetical issue at all. The IWVGA is presently being sued by the Water District’s litigation partners under the very theory that the IWVGA is prohibited from providing the Water District anything more than equal treatment to recycled water. Accordingly, since this water must be injected into the basin, the theory would hold that the all-water users in the basin would be entitled to an equal credit for this water. Unfortunately, this litigation uncertainty will in all likelihood prevent project financing until the litigation is over.

⁶ The Title XVI process differs from the Environmental Infrastructure Program (Section 219) under the Water Resources Development Act (WRDA), which requires specific Congressional project authorization. **Both** programs limit the total federal share of an individual project and may not be combined for use. The interconnection pipeline project (“imported water project”) does not qualify for funding under Title XVI and was, therefore, not considered.

Board Direction

In October 2023, the Board unanimously directed staff to suspend activities associated with the recycled water plant for the following reasons:

- The per-acre-foot cost projections,
- The recycled water return flows are less than the required water to meet sustainability per the GSP,
- The limitations in State funding opportunities, and
- The timelines associated with project construction.

The Board urged staff and the Water District to review and present other potential uses for the secondary treated effluent. Discussions of immediate use for dust mitigation also occurred.

RECOMMENDATIONS

The Board should consider the following issues regarding the water recycling plant:

1. The Authority has roughly 26 months to seek funding under Title XVI.
2. Cost estimates have not changed.
3. BABA requirements will increase materials procurement timelines. The cost estimates provided have included BABA requirements.
4. As described above, major modifications to the plant's design may trigger a re-review of the Feasibility Study but will not alter the authorization's timeline.
5. Modifications to the cost estimates are subject to validation by USBR and may alter the approval of the Feasibility Study.
6. A fee or fees would need to be adopted in short order to cover the costs.
7. Serious consideration of the litigation's impact on the financing must be considered as there is a strong likelihood that the litigation will prevent financing.⁷

Construction of the recycled water plant does not eliminate the need for imported water and construction of the imported water pipeline. The interconnection pipeline costs (roughly estimated at 1/3rd of the per-acre foot costs of recycled water production) will be in addition to the costs associated with the recycled water plant. Because a Recycled Water Project must remain in continual service, these higher costs will be continual.

Accordingly, efforts on the interconnection project should remain unchanged by any work associated with the recycled water plant. The Water District has expressed a desire to explore the construction of the recycled water plant.

Given the timelines required at USBR and under the Title XVI authorization, the Board may consider requiring specific milestones for the Water District to pursue federal funding.

⁷ It should be noted that the litigation does and could not have the similar impact on the financing of an import project.

- Any revisions to the cost estimates provided herein should be provided in writing to the Authority for re-examination/validation by USBR before October 30, 2024. This allows USBR sufficient time to validate revised cost estimates before the January-March USBR funding application schedule. If this timeline cannot be met, the Water District must understand that funding applications will be pushed until FY2027.
- The cost estimate revisions should include the Water District's strategic funding plan for the remaining 75% of non-federal cost share requirements and include per-acre and per-parcel analysis.
- The Water District should prepare funding applications within the timelines provided by USBR (www.grants.gov)
- Upon successful award of planning funds, the Water District shall initiate CEQA/NEPA within three months of an executed funding agreement to meet grant expiration requirements.

The Board may also want to consider giving staff direction concerning USBR/Authority/Water District interactions to facilitate Title XVI authorization.

The staff urges the Board to adopt the requirements listed above and provide all information concerning the water recycling plant to the Water District.

The page intentionally blank

IWVGA ADMINISTRATIVE OFFICE
STAFF REPORT

TO: IWVGA Board Members **DATE: October 9, 2024**

FROM: IWVGA Staff

SUBJECT: Agenda Item 11 – Groundwater Sustainability Plan Modeling and Periodic Evaluation Updates

BACKGROUND

The Indian Wells Valley Groundwater Sustainability Plan (GSP) was submitted to the California Department of Water Resources (DWR) in January 2020. DWR approved the GSP on January 13, 2022 and provided seven Recommended Corrective Actions (RCAs) to be addressed in the next update of the GSP. The GSP provides the framework and path to achieve sustainability in the Indian Wells Valley by no later than 2040. According to 23 California Code of Regulations (CCR) § 356.4, DWR requires Groundwater Sustainability Agencies, such as the Indian Wells Valley Groundwater Authority (IWVGA), to evaluate GSPs at least every 5 years and provide a written assessment to DWR. This written assessment is called the Periodic Evaluation. The Indian Wells Valley Periodic Evaluation is to be submitted to DWR no later than January 31, 2025. If a Periodic Evaluation determines that changes to the GSP must be made, the Periodic Evaluation may be accompanied by an Amended GSP.

DISCUSSION

As part of the Periodic Evaluation, the IWVGA has determined the Indian Wells Valley Groundwater Basin (Basin) Hydrogeologic Conceptual Model (HCM) and Basin Groundwater Model (Model) require updates to incorporate new data on the Basin. Since the 2020 GSP, the Navy required a Configuration Management Plan (CMP) modification of the Model. The CMP required a Technical Modeling Group (TMG) consisting of experts knowledgeable in modeling, geology, and hydrogeology to provide support to the Desert Research Institute (DRI) during modification of the model. The TMG and DRI have been meeting since May 2022 to evaluate new information for inclusion in the model and support updating of the Model. The update of the Model is complete, and the updated Model has been calibrated. Since model calibration, six model scenarios have been run – 1) Baseline Scenario, 2) Implemented GSP Scenario, 3) GSP Adjusted SVM Scenario, 4) No GA Scenario, 5) El Paso Pumping Scenario, and 6) Climate Change Scenario. The climate change scenario was modeled in response to a Recommended Corrective Action (RCAs) from DWR.

In response to DWR’s RCAs, the Water Resources Manager prepared a technical memo on the El Paso Subarea that has key findings which point towards setting the El Paso Subarea as a separate management area and the Water Resources Manager evaluated land subsidence sustainable management criteria (SMCs) and is suggesting discussion of potentially removing SMCs related to land subsidence.

A presentation on the El Paso technical memo findings as well as model scenario descriptions and results will be presented at the October 2024 Board Meeting.

RECOMMENDED ACTION

This is an informational item. No Board Action is required.

The page intentionally blank

Groundwater Sustainability Plan Modeling and Periodic Evaluation Updates IWVGA Board

October 9, 2024



1

1

Modeling

- Scenario 1B: GSP Adjusted SVM
- Scenario 2: No GA
- Scenario 3: El Paso Pumping
- Climate Change Modeling



2

2

Scenario 1B: GSP Adjusted SVM Pumping

Represents current planned GSP Implementation

- Imported Water Project
 - Imported water available in 2030, at which time pumping is reduced to sustainable yield
- Assumes no recycled water project or pumping optimization

Pumping Assumptions

- IWVWD production consistent with IWVWD 2020 UWMP
 - Pumping reduced to meet Sustainable Yield when imported water is available
- Domestic pumping is historical with 1% growth from 832 AF in WY 2020
- Inyokern CSD pumping is the WY 2020-2023 average with 1% growth
- Navy pumping requested 2,041 AFY for planning purposes
- SVM pumping reduced to pre-Navy pumping when imported water is available
- City of Ridgecrest pumping from initial disclosures for current park expansion
- All other pumpers pumping at WY 2020-2023 average
 - Transient Pool pumpers pump at WY 2020-2023 average until assumed uneconomical in 2027



3

Scenario 1B: GSP Adjusted SVM Water Budget (2020-2070 average annual)

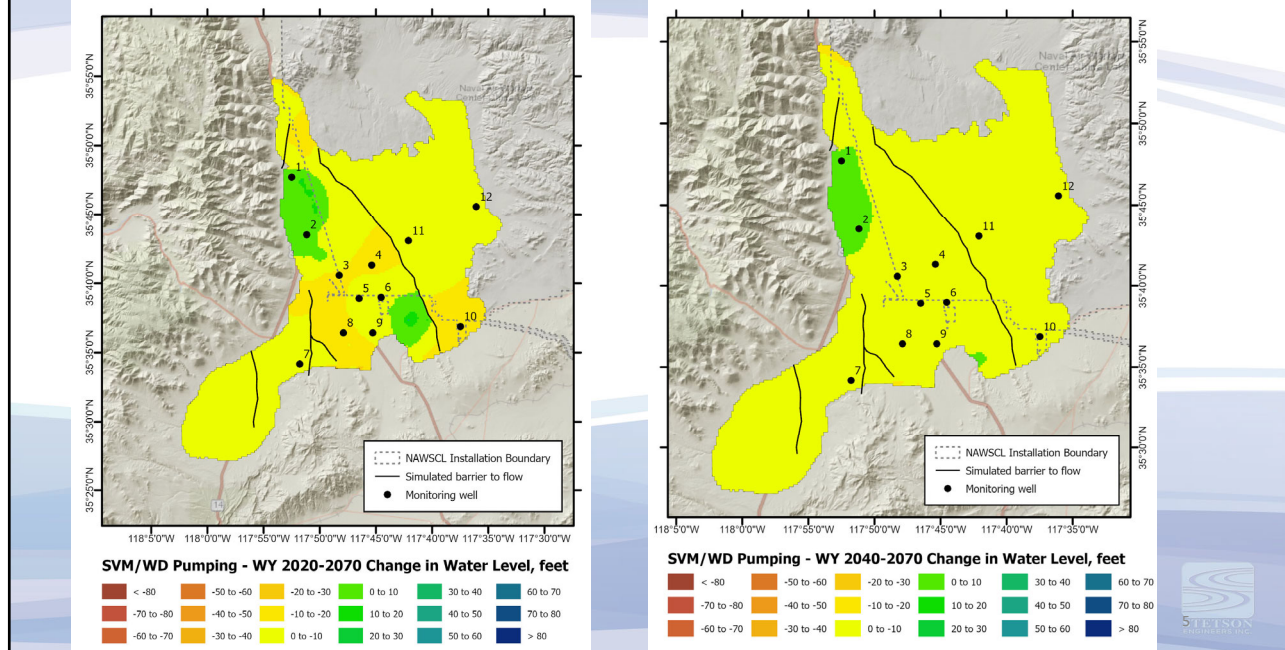
Water Budget Element	Main Basin	El Paso Subarea	Indian Wells Valley Groundwater Basin
Inflows			
Mountain Front Recharge	6,102	1,549	7,650
Interbasin Subsurface Flow	1,611	0	6
Total Inflow	7,713	1,549	7,656
Outflows			
ET	3,234	0	3,234
Interbasin Subsurface Flow	2	1,611	2
Groundwater Extractions	9,892	1	9,893
Total Outflow	13,128	1,612	13,129
Change of Groundwater in Storage*	-5,410	-64	-5,474

*Errors in totals are due to rounding



4

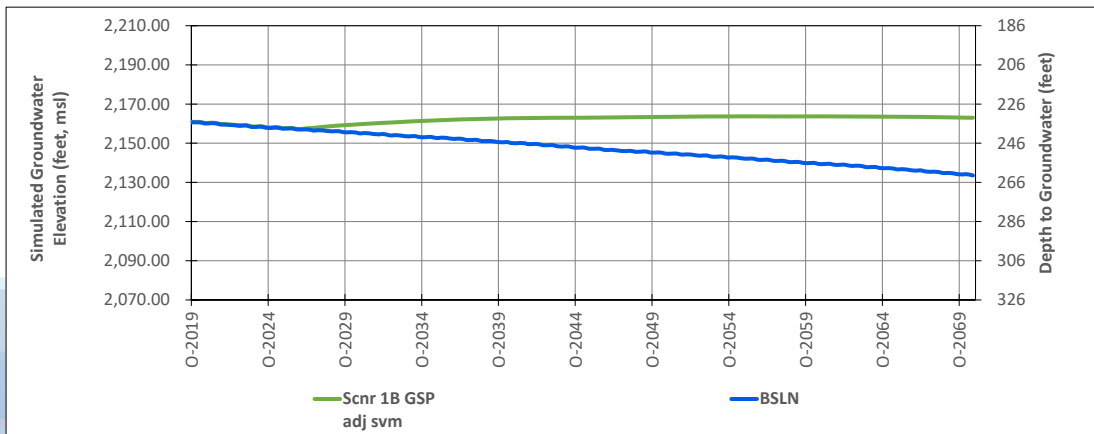
Scenario 1B: GSP Adjusted SVM



5

Scenario 1B: GSP Adjusted SVM

2. 25S/38E-35B01 Land Elevation: 2,456 ft DBID 169 Perforations: 200-298 feet depth



6

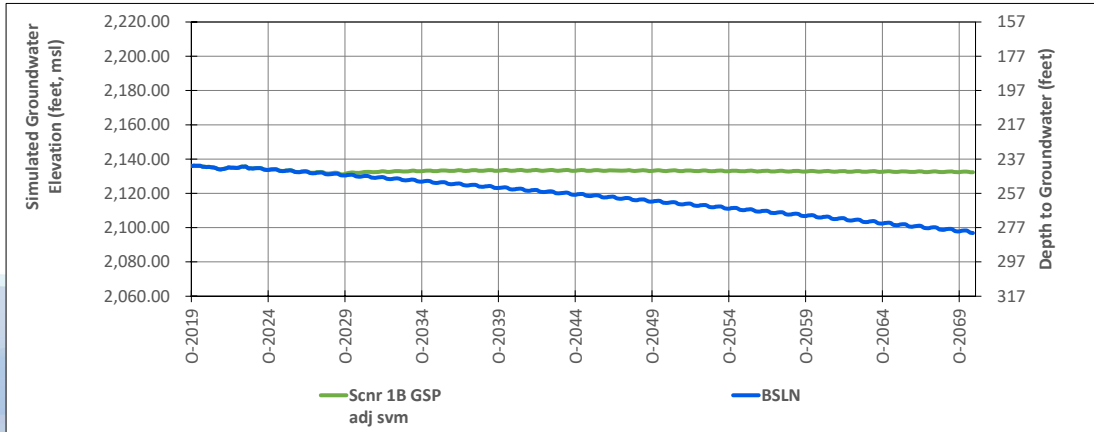
Scenario 1B: GSP Adjusted SVM

6. USBR-04

Land Elevation: 2,377 ft

DBID 88

Perforations: 1,190-1,200 feet depth



7

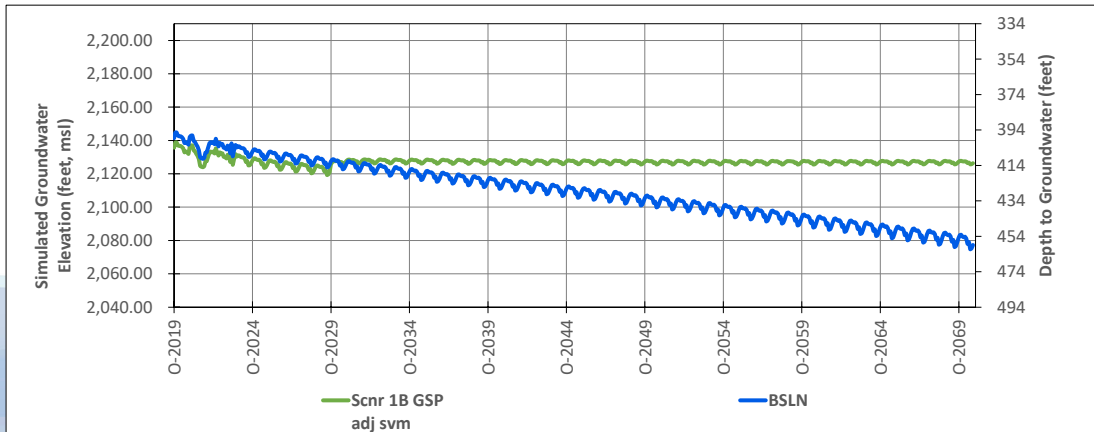
Scenario 1B: GSP Adjusted SVM

8. 25S/38E-35B01

Land Elevation: 2,456 ft

DBID 169

Perforations: 200-298 feet depth



8

Scenario 2: No GA Pumping

- Portrays basin conditions if the IWVGA stopped implementation and all pumpers pumped at their current or desired pumping

Assumptions

- Pumping numbers for several pumpers acquired from initial disclosures
 - IWVWD, Navy, City, County, SVM, Mojave, Meadowbrook, Other Ag, Inyokern CSD
- Domestic pumping is historical with 1% growth from 832 AF in WY 2020
- Remaining pumpers pump at WY 2020-2070 average



9

Scenario 2: No GA Water Budget (2020-2070 average annual)

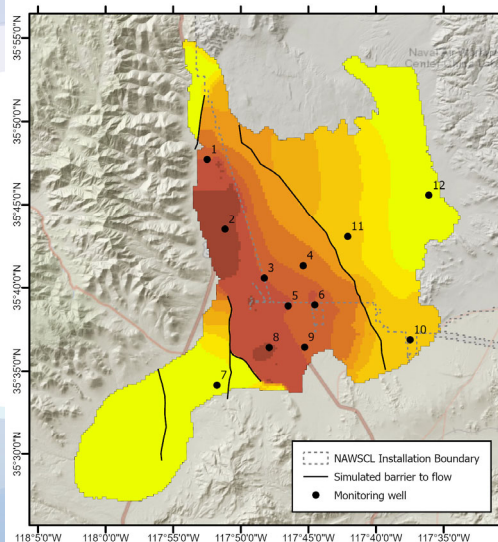
Water Budget Element	Main Basin	El Paso Subarea	Indian Wells Valley Groundwater Basin
Inflows (2020-2070 avg)			
Mountain Front Recharge	6,102	1,549	7,650
Interbasin Subsurface Flow	1,6147	0	15
Total Inflow	7,749	1,549	7,665
Outflows (2020-2070 avg)			
ET	2,769	0	2,769
Interbasin Subsurface Flow	2	1,632	2
Groundwater Extractions	42,718	1	42,719
Total Outflow	45,489	1,633	45,490
Change of Groundwater in Storage*	-37,741	-84	-37,825

*Errors in totals are due to rounding



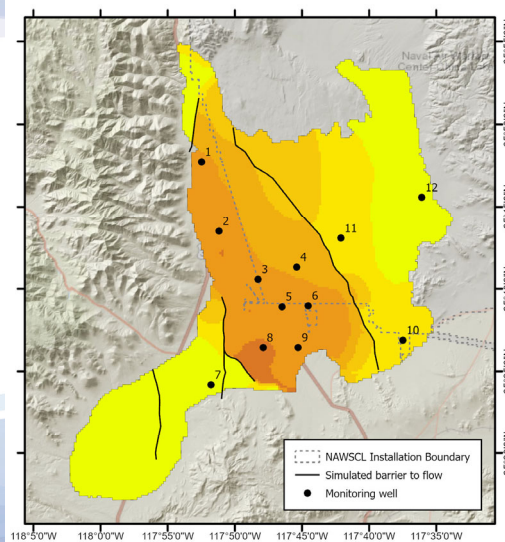
10

Scenario 2: No GA



No GA - WY 2020-2070 Change in Water Level, feet

< -80	-50 to -60	-20 to -30	0 to 10	30 to 40	60 to 70
-70 to -80	-40 to -50	-10 to -20	10 to 20	40 to 50	70 to 80
-60 to -70	-30 to -40	0 to -10	20 to 30	50 to 60	> 80



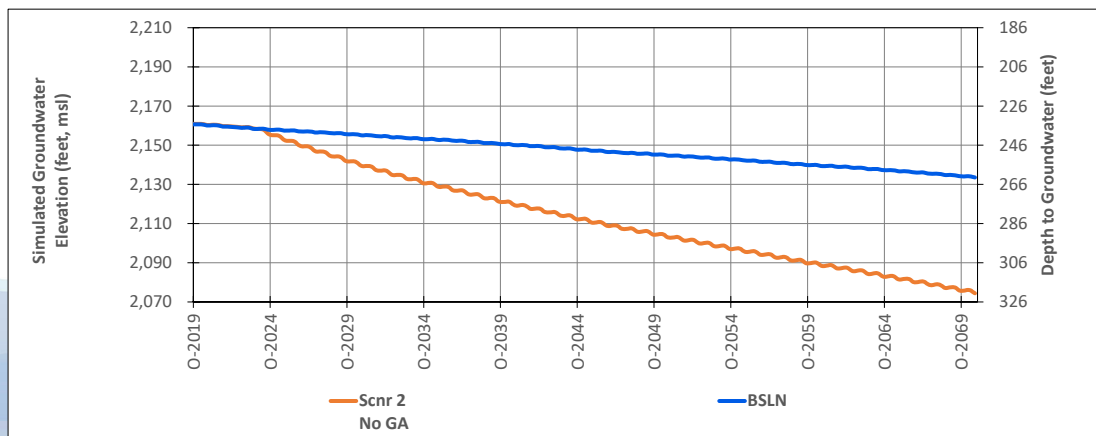
No GA - WY 2040-2070 Change in Water Level, feet

< -80	-50 to -60	-20 to -30	0 to 10	30 to 40	60 to 70
-70 to -80	-40 to -50	-10 to -20	10 to 20	40 to 50	70 to 80
-60 to -70	-30 to -40	0 to -10	20 to 30	50 to 60	> 80

11

Scenario 2: No GA

2. 25S/38E-35B01 Land Elevation: 2,456 ft DBID 169 Perforations: 200-298 feet depth



12

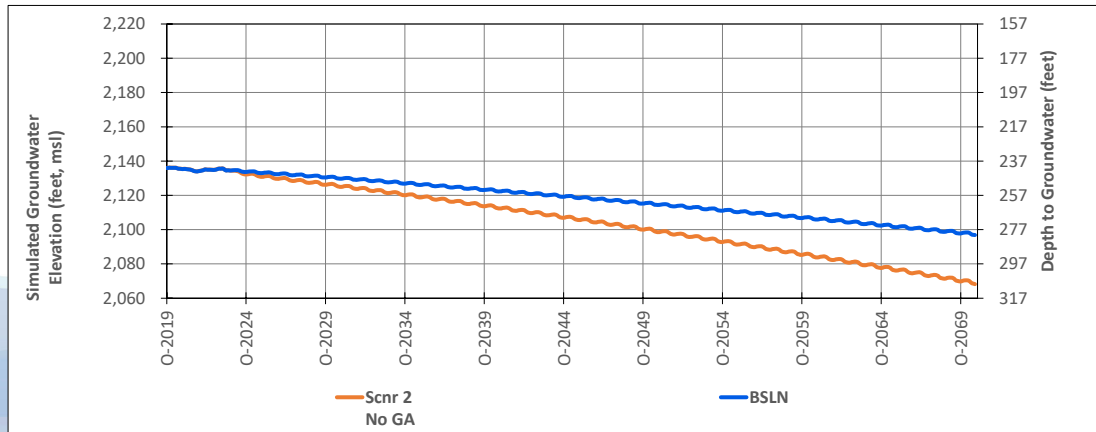
Scenario 2: No GA

6. USBR-04

Land Elevation: 2,377 ft

DBID 88

Perforations: 1,190-1,200 feet depth



13

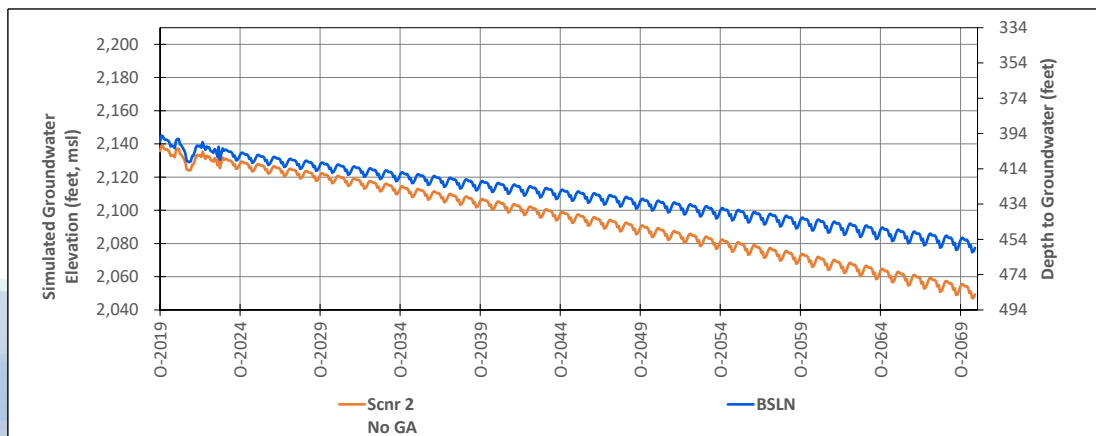
Scenario 2: No GA

8. 25S/38E-35B01

Land Elevation: 2,456 ft

DBID 169

Perforations: 200-298 feet depth



14

Scenario 3: El Paso Pumping

- Represents Basin conditions under current implementation if some IWWVD pumping was relocated to the El Paso Subarea

Assumptions

- Imported Water Project
 - Imported water available in 2030, at which pumping is reduced to sustainable yield
- Assumes no recycled water project, pumping optimization
- IWWVD production consistent with IWWVD 2020 UWMP
 - 726 AFY of pumping relocated to El Paso Subarea
 - Pumping reduced from Main Basin wells to meet Sustainable Yield when imported water is available
- Domestic pumping is historical with 1% growth from 832 AF in WY 2020
- Inyokern CSD pumping is the WY 2020-2023 average with 1% growth
- Navy pumping requested 2,041 AFY for planning purposes
- City of Ridgecrest pumping from initial disclosures for current park expansion
- All other pumpers pumping at WY 2020-2023 average
 - Transient Pool pumpers pump at WY 2020-2023 average until assumed uneconomical in 2027



15

Scenario 3: El Paso Water Budget (2020-2070 average annual)

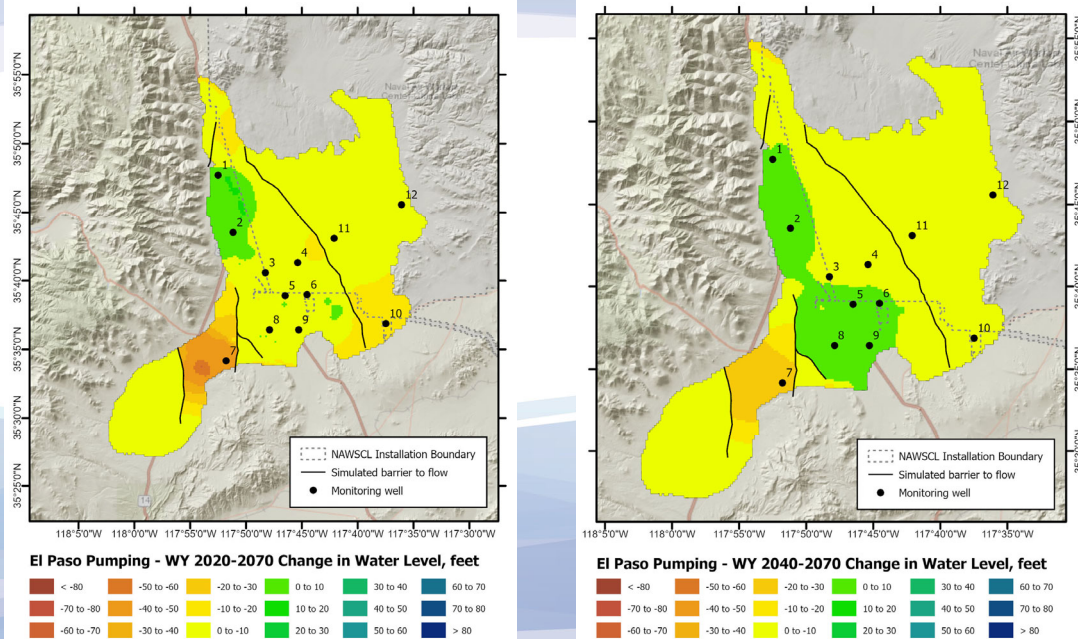
Water Budget Element	Main Basin	El Paso Subarea	Indian Wells Valley Groundwater Basin
Inflows (2020-2070 avg)			
Mountain Front Recharge	6,102	1,549	7,650
Interbasin Subsurface Flow	1,514	0	7
Total Inflow	7,616	1,549	7,657
Outflows (2020-2070 avg)			
ET	3,233	0	3,233
Interbasin Subsurface Flow	2	1,507	2
Groundwater Extractions	9,228	665	9,893
Total Outflow	12,463	2,172	13,129
Change of Groundwater in Storage*	-4,848	-623	-5,471

*Errors in totals are due to rounding



16

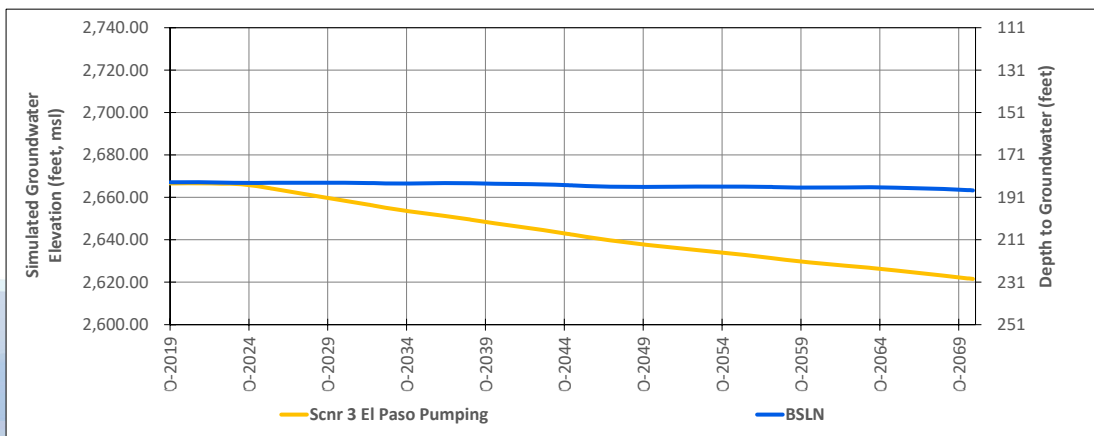
Scenario 3: El Paso Pumping



17

Scenario 3: El Paso Pumping

7. USBR-01-S Land Elevation: 2,851 ft DBID 7 Perforations: 615-635 feet depth



18

DWR Management Areas

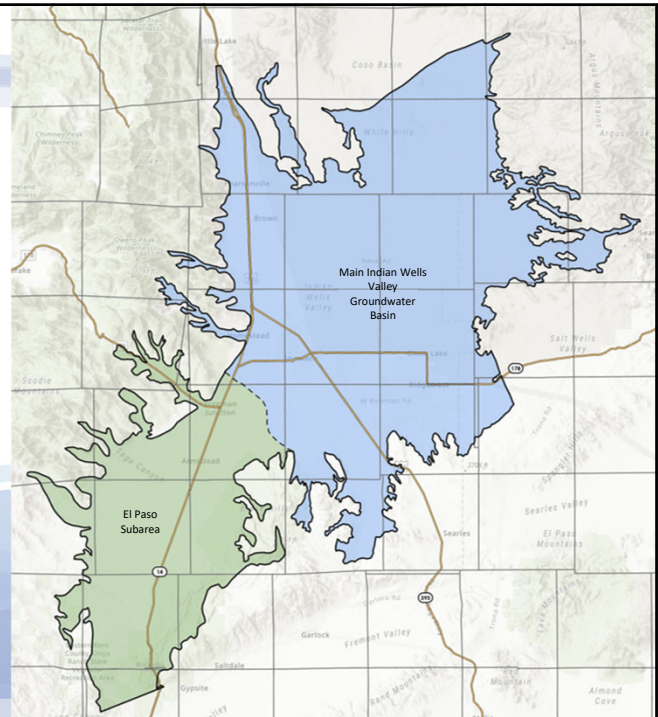
- DWR guidelines state that management areas may be defined by natural or jurisdictional boundaries and may be based on differences in water use sector, water source type, geology, or aquifer characteristics
- Management areas may have different minimum thresholds and measurable objectives than the basin at large and may be monitored to a different level
- It is required that if a Groundwater Sustainability Agency (GSA) in the basin decides to define management areas, the GSA must provide descriptions of why those differences are appropriate for the management area, relative to the rest of the basin



19

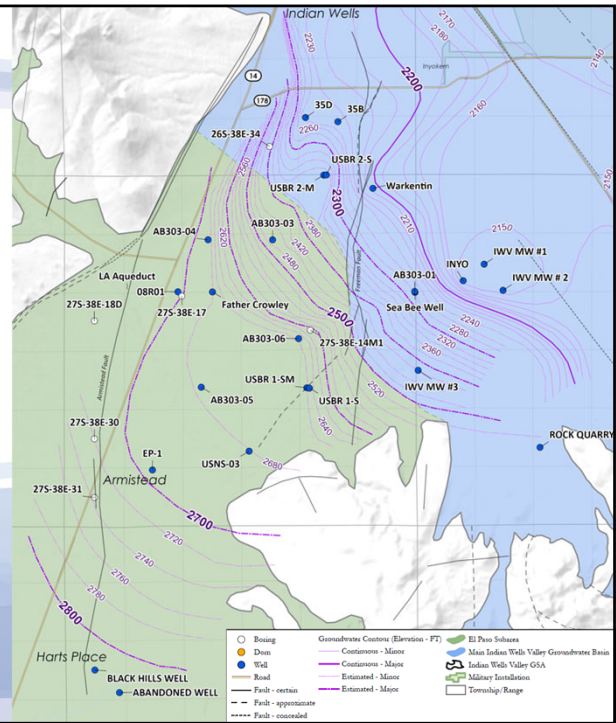
El Paso Subarea

- A technical memo on the El Paso Subarea was prepared and then reviewed by the TAC
- El Paso Subarea may qualify as a separate management area due to the natural defined boundary and its differences in water use, geology, hydraulic and groundwater geochemistry
- El Paso covers ~30% of the IWVGB



20

- El Paso Subarea is separated from the Main IWVGB by a surficial fault (Freeman Fault) and a steep hydraulic gradient
- These measured groundwater elevations indicate restricted flow from the El Paso Subarea towards the main IWVGB



21

- There is no significant groundwater pumping in the El Paso Subarea unlike the Main IWVGB, where major pumping occurs
- Groundwater levels in the El Paso Subarea are relatively stable compared to the Main IWVGB, however groundwater levels are still decreasing but at a much slower rate than the Main IWVGB.
- These relatively stable groundwater levels indicate the El Paso Subarea aquifer is in a quasi-steady state condition, unlike the Main IWVGB which has been in overdraft conditions for a while

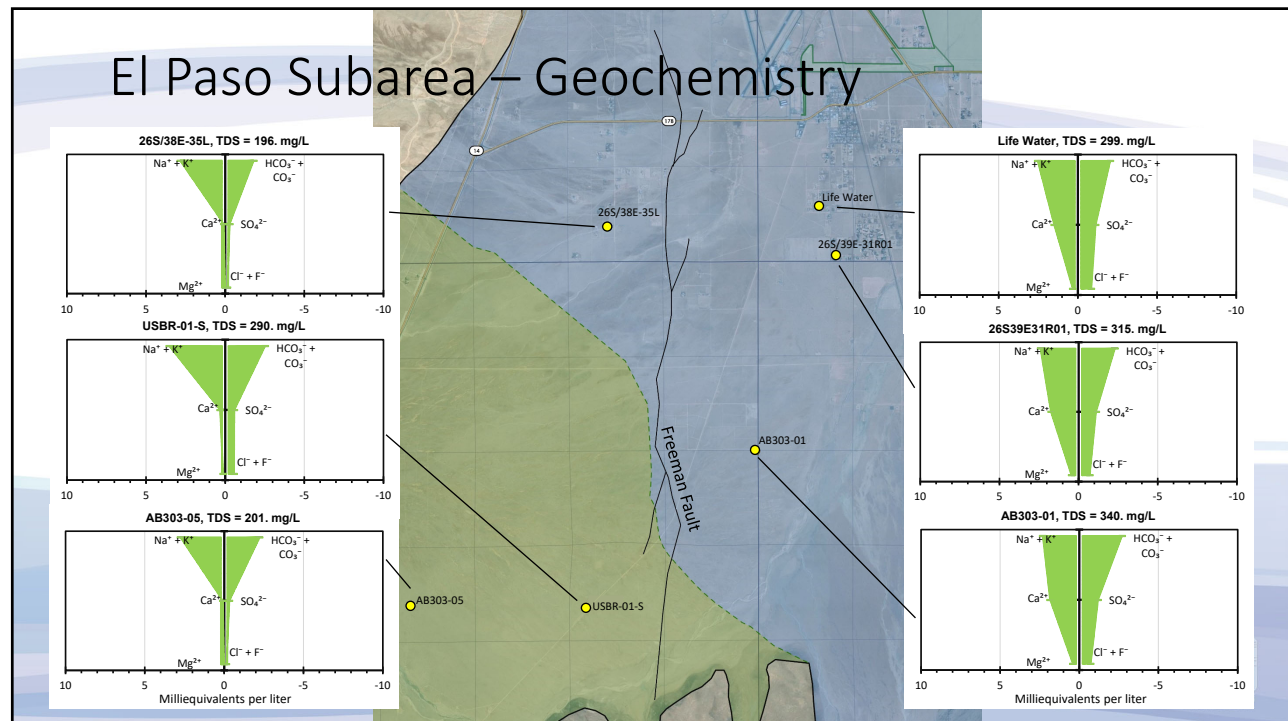
22

El Paso Subarea – Geochemistry

- Stiff and Piper diagrams plot the different cations and anions present in a water samples and visually show the chemical composition of water samples
- Wells to the east of the Freeman Fault, which lies between the El Paso and Main IWVGB, show similar water chemistry associated with Sodium (Na^+)/Calcium (Ca^{2+}) and Bicarbonate (HCO_3^-)/Sulfate (SO_4^{2-}) type water
- Wells to the west of the Freeman Fault in the El Paso Subarea show similar water chemistry associated with Na^+ and HCO_3^- type water



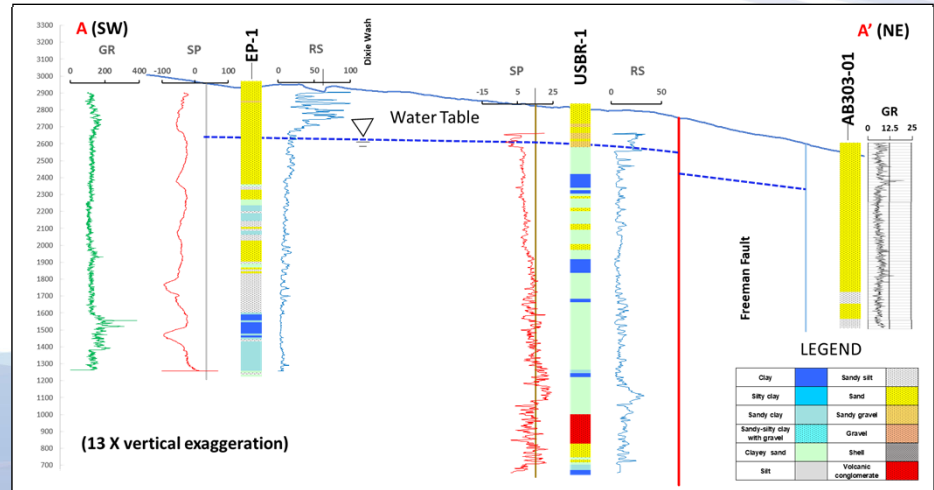
23



24

El Paso Subarea – Hydrogeology

- Geologic cross sections on both sides of the Freeman Fault show differences between the sediments in the El Paso Subarea and Main IWVGB



25

El Paso Subarea

- The El Paso Subarea groundwater in storage is decreasing at a significantly slower rate than the Main IWVGB.
- If pumping were to occur in the El Paso Subarea, groundwater in storage would decrease and the groundwater levels would significantly decrease
- The interbasin subsurface flow to the Main Basin would be reduced
- If the El Paso Subarea were to become a separate management area, the IWVGA may choose to set different sustainable management criteria (SMCs) and monitoring protocols for the area.

26

Contingency Plan

- In reviewing the Groundwater Sustainability Plan (GSP), the Department of Water Resources (DWR) provided a recommended corrective action (RCA) that the IWVGA develop a Contingency Plan for the Basin, should the Imported Water Supply Project become infeasible, as this project is the main driver toward sustainability at this point

“The contingency plan should include additional projects and management actions that may be implemented to achieve the sustainability goal for the Basin within and beyond the twenty-year timeframe of SGMA, in the event that the Authority is unable to implement projects and management actions described in the Plan or that those projects and management actions fail to produce the anticipated results”



27

Contingency Plan

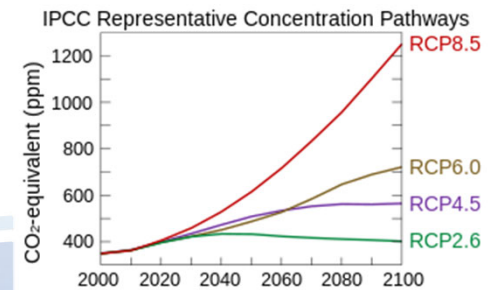
- If the Imported Water Supply Project were unavailable, the sole source of water in the Basin is groundwater
- The Basin does not have enough groundwater supply to provide water for current domestic needs alone
 - Current WY 2020-2023 average domestic water use, including Navy's use, is greater than the Sustainable Yield (~9,500 AFY > 7,650 AFY). However, this does not include Searles Valley Mineral Pumping of ~2,500 AFY and Evapotranspiration (ET) of ~3,000 AFY
 - ET modeling is occurring now
- The IWVGA does not have the ability to manage the water use in private homes
- The IWVGA cannot realistically manage the Basin sustainably without Imported Water



28

Climate Change Scenario Development

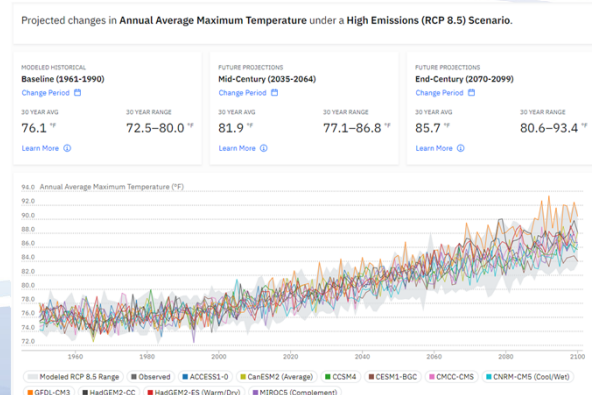
- Representative Concentration Pathways (RCP) are climate change scenarios that project future greenhouse gas concentrations that the Intergovernmental Panel on Climate Change have adopted
- **RCP 4.5** represents a scenario in which greenhouse gas emissions peak around 2040, then decline and stabilize, RCP 4.5 is a “medium” emissions scenario that models a future in which there is an effort made by societies to reduce greenhouse gas emissions
- **RCP 8.5** represents a scenario in which emissions continue to strongly rise through 2050 and plateau around 2100, RCP 8.5 is a “business-as-usual” scenario



29

Climate Change Scenario Modeling

- Model climate change scenarios to adjust predicted recharge and max evapotranspiration (ET) rates
- Generate predicted temperatures and precipitation rates for RCP 4.5 and 8.5 over 10 models, facilitated by Cal-Adapt tool (<https://cal-adapt.org/tools/annual-averages/>)

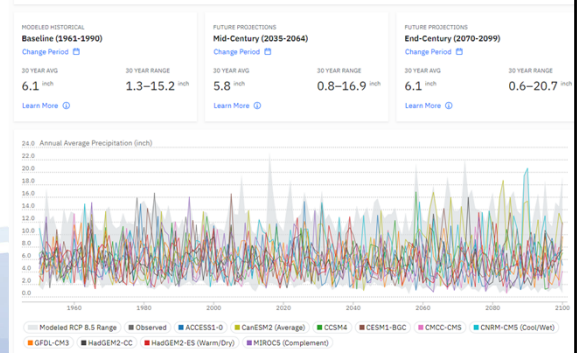


30

Climate Change Scenario Modeling

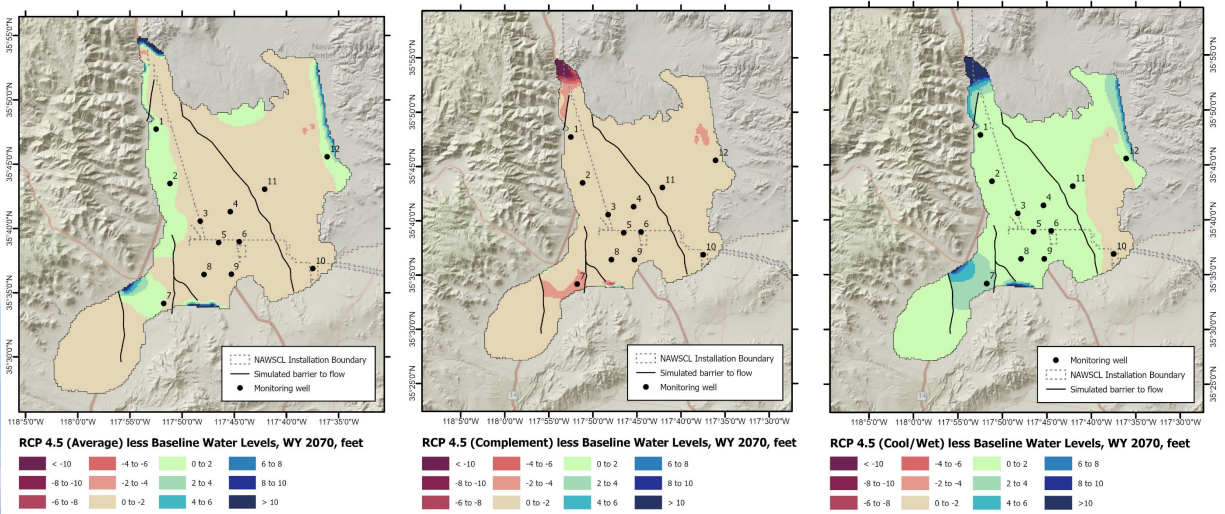
- Predictive changes in precipitation will be scaled to recharge based on estimated historical recharge/precipitation ratios
- Predictive changes in temperature will be used to modify maximum ET rates over the phreatophyte zone based on PET estimated by the Penman-Monteith or Jensen-Haise methods

Projected changes in Annual Average Precipitation under a High Emissions (RCP 8.5) Scenario.



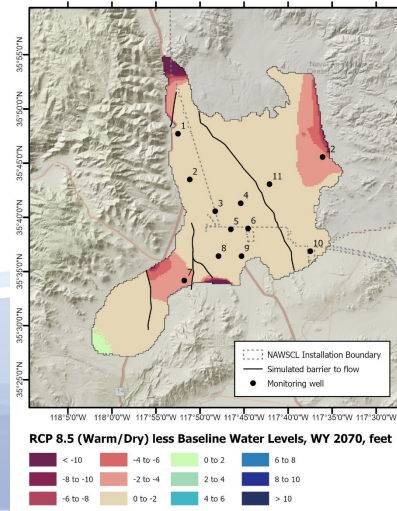
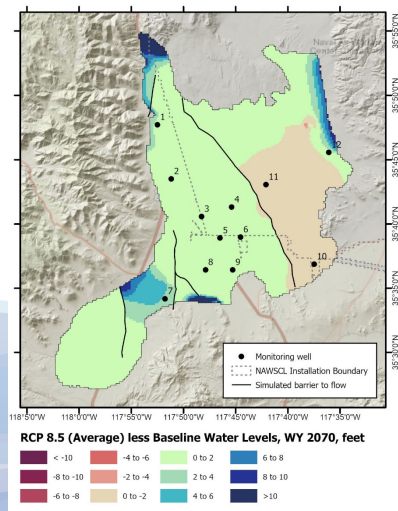
31

Climate Change Scenario Modeling



32

Climate Change Scenario Modeling



The page intentionally blank

IWVGA ADMINISTRATIVE OFFICE

STAFF REPORT

TO: IWVGA Board Members

DATE: October 9, 2024

FROM: IWVGA Water Resources Manager

SUBJECT: AGENDA ITEM 12 – WATER RESOURCES MANAGER’S REPORT

AGENDA ITEM 12a – GRANT FUNDING UPDATE

SGMA Implementation Round 1 Update

- Invoice # 7
 - Covers January 2024 to March 2024
 - Total requested payment: \$584,148.88
 - Status: Approved awaiting payment
- Invoice # 8
 - Covers April 2024 to June 2024
 - Total requested payment: \$516,312.70
 - Status: Approved awaiting payment

Urban Community Drought Relief Program Update

- The IWVGA has been awarded \$3,345,000 to consolidate shallow well system(s) into a public water system.
- Potential systems/wells for consolidation in areas near impacted shallow wells are being further investigated, preliminary feasibility study and cost estimates are currently being prepared.
 - Rademacher consolidation development currently underway
- Invoice # 2
 - Covers April 2024 to June 2024
 - Total requested payment: \$7,466.75
 - Status: Approved awaiting payment

AGENDA ITEM 12.b – GSP IMPLEMENTATION PROJECTS/MANAGEMENT ACTION UPDATES

Imported Water Project

- Imported Water Pipeline Design Services
 - Coordination Meetings:
 - Bi-weekly meetings with BLM

- Continuing coordinating completion of LSA Agreement
 - Resubmitted the revised California Department of Fish and Wildlife (CDFW) Lake and Streambed Alteration (LSA) application for the 34 remaining boring sites that need an LSA permit, at CDFW's request
 - LSA application for the 34 remaining boring sites was accepted by CDFW. CDFW will have up to 60 days or until 12/3/24 to send an agreement to IWVGA for counter-signature
- Continuing ongoing coordination with State Water Resources Control Board Division of Drinking Water (DDW), Caltrans, United Pacific Rail Road (UPRR), California Department of Parks and Recreation (Cal Parks), and Southern California Edison (SCE)
 - Continuing to engage SCE staff on the Service Study and the Crossing agreements
 - P&P to set up a joint meeting with BLM and SCE to discuss the next steps for SCE to advance the BLM Plan of Design for the power infrastructure after SCE assigns an environmental lead for the project
 - UPRR reviewing encroachment permit for crossing along alignment near Highway 395
 - Continuing to engage Cal Parks in furthering on proposed permanent and temporary construction easements on Cal Parks land
 - Coordinating meeting with Cal Trans to provide update on proposed plans along Hwy 395 and the Cal Trans easement near China Lake Blvd
- o Completed soils borings in California City and Kern County right-of-way outside of the areas identified as population centers for Mojave ground squirrel or linkage areas
 - Geotechnical Consultant (SEI, Inc.) continued the laboratory testing of the soil borings performed in June and July and is currently working on the geotechnical reports for each of the main components of the conveyance system (pipeline, pump stations, tank, trenchless crossings)
 - Corrosion subconsultant completed field work in early August and is using additional soil data from SEI borings on BLM land to prepare a technical memorandum on corrosion design (a 30% design deliverable) and will further the corrosion design when the 90% submittal is authorized
- o Continuing utility research and trenchless crossing identification
 - Performed additional scour analyses between some of the major crossings
 - Bennett Trenchless Engineers subconsultants continuing refining designs on trenchless crossings for P&P drafting and incorporating geotechnical data
- o Submitted the 60% Design level drawings for pumpstation piping design, grading plans, and regulating tank design and profiles per additional geotechnical information
 - Continuing the SCE Service Study design process for power service to pump stations
- o Coordinating additional modeling scenarios with AVEK on design considerations of upstream hydraulics and constraints
- o Next Steps:

- Provide the System Hydraulics and Transient Mitigation Analysis TM
 - Provide the updated Preliminary Permitting Requirements TM per Staff comments
 - Provide the 60% Engineer's Opinion of Probable Construction Costs (EOPCC) and 60% Construction Schedule
 - Complete the 34 remaining soil borings per the accepted CDFW LSA Permit
 - Next Milestones
 - Provide 90% Design Submittal in March 2025
- Imported Water Pipeline Environmental Services
 - Coordination Meetings
 - Weekly meetings with BLM
 - Draft EA sections being internally reviewed prior to Staff review
 - Scheduled to submit draft EA sections in early October
 - Completing plans required by the BLM Desert Renewable Energy Conservation Plan including a Revegetation Plan, Raven Management Plan, Burrowing Owl Translocation Plan, Mojave Ground Squirrel Translocation Plan, and a Desert Tortoise Translocation Plan
 - Continuing Final Draft Cultural Report
 - Continuing coordination with AVEK on Mojave Tank Farm Alignment
 - Air Quality, Greenhouse Gas, Energy, and Noise subconsultant continuing models and tasks
 - Drafting Biological Assessment per coordination with United States Fish and Wildlife Service, BLM, and GA/ WRM Staff on requirements to obtain an Incidental Take Permit
 - Provided updated schedule per completion of Biological Assessment
 - No change in May 2025 date of Certified EA/ EIR
 - Next Steps:
 - Provide draft EA for 45- day Public Comment Period by February 2025
 - Next Milestones:
 - Finalize NEPA compliance for geotechnical borings and environmental surveys/ studies within BLM property
 - Complete all technical analyses/ Special Studies within BLM land and along Mojave Tank Farm Alignment
 - Complete biological monitoring of remaining soil borings
- Imported Water Pipeline Right-of-Way Services
 - Staff reviewing draft Right of Way Acquisition Plan
 - Next Milestone:
 - Provide a final Right of Way Acquisition Plan
- Submittals to DWR
 - Continuing monthly coordination meetings with DWR on IP Grant progress
 - Next deliverables:
 - Due January 31, 2025: Draft Grant Completion Reports
 - Due February 28, 2025:
 - Meeting agenda and materials for coordination with AVEK

- Due March 31, 2025:
 - Meeting agendas and materials for Design coordination
 - Design and Specifications drafts
 - CEQA documentation drafts
 - NEPA documentation drafts
 - Copies of permits
- Due April 30, 2025: Final Grant Completion Reports
- US Army Corps of Engineers Planning Assistance to States (PAS) Program
 - USACE Staff reviewed the responses to follow-up questions on the final proposed project list and provided additional follow up questions to start the development of an agreement with Army Corps
 - GA staff is developing responses to questions from USACE staff to better define a cost estimate for the scope
 - Next Steps:
 - Execute an agreement with Army Corps

Shallow Well Mitigation Program

Impacted Shallow Wells	Evaluation Status
Stark Street	Application approved for partial funding. Completed
Heritage	Application Declined. Completed
Byerly	Application approved for partial funding. Completed
Halpin	Application approved for partial funding. Completed
Rademacher	Water Quality. Planned to be consolidated into the IWVWD under IWVGA's new DWR Consolidation Grant.

GSP Periodic Evaluation and Amendment

- Draft Releases
 - First draft section of Periodic Evaluation distributed to TAC, interested parties, and posted to GA website.
 - Comments due June 17, 2024.
 - Two sets of comments received and reviewed
 - Monitoring Networks, Outreach, Engagement and Coordination sections, and GSA Authorities stand Enforcement Actions to be released in October
 - Completion of Basin Setting Based on New Information/Changes in Water Use, Status of Projects and Management Actions, and Groundwater Conditions Relative to Sustainable Management Criteria sections is pending evaluation of modeling results
- Public Noticing Requirements
 - SGMA requirement to notify County/City of GSP Adoption at least 90 days prior

to GSP Amendment adoption – notice to be sent out week of October 7.

Revised Periodic Evaluation Schedule of Draft Releases

New Information Collected	May 2024
GSA Authorities and Enforcement Actions	October 2024
Monitoring Networks	October 2024
Outreach, Engagement, and Coordination	October 2024
Groundwater Conditions Relative to Sustainable Management Criteria	October 2024
Basin Setting Based on New Information/Changes in Water Use	October 2024
Status of Projects and Management Actions	October 2024

Revised Submittal Process Schedule

Complete Draft Periodic Evaluation Released	November 2024
Complete Draft Plan Amendment Released	November 2024
Periodic Evaluation Comment Period	November 2024
Plan Amendment Comment Period	November 2024 – December 2024
Final Periodic Evaluation for Board Approval	December 11, 2024
Final Plan Amendment for Board Approval	January 8, 2025
Submittal to DWR	January 31, 2025

AGENDA ITEM 12c – MISCELLANEOUS ITEMS

Data Collection and Monitoring

- Coordinated Fall 2024 water level monitoring event with KCWA and Navy
 - Completed during week of September 23
 - Included downloading 24 data loggers and maintaining 9 telemetry units
- Preparation for Fall 2024 water quality sampling (to be conducted during week of October 21)
- Received access permission to install transducers/data loggers in the Hospital well (26S/40E-28J01) and Navy well TTIWV-MW12 (25S/40E-14H)
 - New transducers/data loggers installed
- DMS updated with WellIntel data
- Installed Hydrasleeves (Water samplers) in nine monitoring wells. Due to Navy UXO scheduling constraints the Fall 2024 water quality sampling will be conducted during the week of October 21

GSP Model Configuration Management Plan (CMP)

- Technical Model Group (TMG)
 - TMG includes the Navy, TAC representatives, DRI, and Stetson

- o June 4, 2024 TMG meeting/call to review baseline modeling and scenario modeling assumptions
- o June 18, 2024 TMG meeting/call to review baseline and scenario modeling results
- o July 10, 2024 DRI presentation on model at GA Board Meeting
- o July 17, DRI/Stetson call for development of additional modeling scenarios – scenarios 2, 3, and 4
- o July 30, 2024 baseline, historical, and scenario 1 model water budgets received from DRI
- o August 10, 2024 model documentation developed
- o August 27, 2024 scenario 2, 3 and 4 water budgets received from DRI
- o September 4, 2024 climate change results received from DRI
- o September 24, 2024 additional climate change results received from DRI
- Modeling Runs
 - o 5 Modeling Scenarios have been run
 - Baseline Scenario
 - 2025 Implemented GSP Scenario
 - GSP Adjusted SVM
 - “No GA” Scenario
 - El Paso Pumping Scenario
 - o Climate Change Scenarios
- Fall 2024 Schedule
 - o Sensitivity analysis
 - o Development of GSP model scenarios and water budgets
 - o Model documentation

Subflow from Rose Valley to IWV

- Ongoing work with BLM regarding Cultural Survey and Permitting for second monitoring well
- BLM started SF-299 review (application submitted September 2023) for alternative monitoring well RVS-2 drilling and installation project. Stetson and Epsilon Systems staff worked with BLM staff, re-supplying documents and revising materials as requested
- Next steps: (1) BLM field authorization, (2) conducting a cultural/archeological field survey, and (3) BLM Right-of-Way grant
- Navy/Coso contract deadline is February 2025 for completing the RVS Monitoring Well project

ACTION(S) REQUIRED BY THE BOARD

There are no actions required by the Board.

The page intentionally blank

IWVGA
75% of the Year Completed

BUDGET TO ACTUAL REPORT-September

ACTUALS BY REVENUE ALLOCATION												
			Restricted	Restricted	Restricted	Restricted	Restricted	Restricted	(A-B)		(B/A)	
			Extraction	Augmentation	Shallow Well Mitigation	Prop. 1; Prop.68 SDAC/ Misc Grant	SGMA IP Urban Comm.	Navy/COSO Fund	\$ Estimated	\$ REMAINING	% COMPLETED	
			ORIGINAL	BUDGET AMENDMENTS	TOTAL ADJUSTED BUDGET							
1	REVENUE											1
2	Extraction Fee		1,263,960	-	1,263,960	519,761	-	-	519,761	744,199	41%	2
3	Transfer In/Loan from Augmentation Fund		701,000	-	701,000	-	-	-	-	701,000	0%	3
4	Transfer In/Loan from Grant Funds-Prop 1/Prop 68		-	-	-	-	-	-	-	-	0%	4
5	Augmentation Fee		2,478,810	-	2,478,810	-	1,108,493	-	1,108,493	1,370,317	45%	5
6	Transfer In/Loan Repayment from Extraction Fund		-	-	-	-	-	-	-	-	0%	6
7	Shallow Well Mitigation Fee		133,395	-	133,395	-	-	72,206	72,206	61,189	54%	7
8	Department of Water Resources (DWR) Grants-Prop 1/68		-	-	-	-	220,593	-	220,593	(220,593)	0%	8
9	Department of Water Resources (DWR) Grants -IP Grant		2,635,000	-	2,635,000	-	-	584,149	584,149	2,050,851	22%	9
10	Urban Community Drought Relief Grant Program		-	-	-	-	-	-	-	-	0%	10
11	Navy/COSO Royalty Fund		345,000	-	345,000	-	-	-	-	345,000	0%	11
12	Miscellaneous Revenue		-	-	-	8,473	-	-	8,473	(8,473)	0%	12
13											0%	13
14	TOTAL REVENUES		7,557,165	-	7,557,165	528,233	1,108,493	72,206	220,593	584,149	-	14
15	EXPENSES								2,513,674	5,043,491	33%	15
16	Administration											16
17	Administration (RGS)		340,000	-	340,000	88,795	88,795	-	177,590	162,410	52%	17
18	Office Rent (City of Ridgecrest)		3,600	-	3,600	1,050	1,050	-	2,100	1,500	58%	18
19	Office Supplies		1,000	-	1,000	46	46	-	93	907	9%	19
20	Postage and Delivery		360	-	360	40	40	-	80	280	22%	20
21	External Audit		37,000	-	37,000	9,250	9,250	-	18,500	18,500	50%	21
22	Council Chambers/IT Services (City of Ridgecrest)		8,500	-	8,500	-	-	-	-	8,500	0%	22
23	General Counsel (Aleshire & Wynder/City of Ridgecrest)		309,000	-	309,000	-	-	-	-	309,000	0%	23
24	Additional Legal Services (Aleshire & Wynder/City of Ridgecrest)		10,000	-	10,000	6,848	-	-	6,848	3,152	68%	24
25	Additional Legal Services-Imported Water Pipeline (Aleshire & Wynder)		-	-	-	-	-	-	-	-	0%	25
26	Insurance Premium		16,000	-	16,000	18,007	-	-	18,007	(2,007)	113%	26
27	Legal Notices (Daily Independent)		2,000	-	2,000	630	-	-	630	1,370	32%	27
28	Memberships (Cal. Assoc.Mutual Water Co)		100	-	100	100	-	-	100	-	100%	28
29	Printing and Reproduction		-	-	-	-	-	-	-	-	0%	29
30	Bank Service Charges		25	-	25	-	-	-	-	25	0%	30
31												31
32	Non-Departmental											32
33	Other Legal Services (RWG Law)		400,000	-	400,000	-	278,780	-	278,780	121,220	70%	33
34	Lobbying Services (Capitol Core)		204,950	-	204,950	-	142,431	-	142,431	62,519	69%	34
35	Other Professional Services (Garrison Brothers)		-	-	-	-	-	-	-	-	0%	35
36	California State Lands Commission		140	-	140	150	-	-	150	(10)	107%	36
37	Miscellaneous- IWVWD Grant Repayment		-	-	-	30,746	-	-	30,746	(30,746)	0%	37
38	Repayment of City of Ridgecrest In-Kind Services		500,000	-	500,000	-	-	-	-	500,000	0%	38
39	Transfer Out/ Loan Repayment to Augmentation Fund		-	-	-	-	-	-	-	-	0%	39
40	Transfer Out/Loan to Extraction Fund		701,000	-	701,000	-	-	-	-	701,000	0%	40
41												41
42	Community Engagement											42
43	Design Services		25,000	-	25,000	-	-	-	-	25,000	0%	43
44	Printing and Reproduction		10,000	-	10,000	-	-	-	-	10,000	0%	44
45	Website Services		15,000	-	15,000	113	-	-	113	14,888	1%	45
46	Website		315	-	315	312	-	-	312	3	99%	46

IWVGA

75% of the Year Completed

BUDGET TO ACTUAL REPORT-September

ACTUALS BY REVENUE ALLOCATION														
				Restricted	Restricted	Restricted	Restricted	Restricted	Restricted		(A-B)	(B/A)		
				Extraction	Augmentation	Shallow Well Mitigation	Prop. 1; Prop.68 SDAC/ Misc Grant	SGMA IP Urban Comm.	Navy/COSO Fund	\$	\$	%		
										Estimated	REMAINING	COMPLETED		
47													47	
48	Shallow Well Mitigation Program												48	
49	Shallow Well Mitigation Emergency Assistance Program	50,000	-	50,000	-	-	73,497	-	-	-	73,497	(23,497)	147%	49
50	Shallow Well Mitigation Program: Outreach and Impacts Eval.(Stetson)	30,000	-	30,000	-	-	9,814	-	-	-	9,814	20,186	33%	50
51													51	
52	NAVY/COSO Program												52	
53	Navy/Coso Royalty Fund: Rose Valley MW Permitting, Bid, Drilling (Stetson)	45,000	-	45,000	-	-	-	-	-	1,739	1,739	43,261	4%	53
54	Navy/Coso Royalty Fund: Develop Projects & Secure Funding (Stetson)	25,000	-	25,000	-	-	-	-	-	-	-	25,000	0%	54
55	Navy/Coso Royalty Fund: Cooperative Agreement	10,000	-	10,000	-	-	-	-	-	1,683	1,683	8,318	17%	55
56	Rose Valley Construction	300,000	-	300,000	-	-	-	-	-	-	-	300,000	0%	56
57													57	
58	Basin Management Administration												58	
59	Production Reporting, Transient Pool, and Fee Support (Stetson)	25,000	-	25,000	6,587	-	-	-	-	-	6,587	18,413	26%	59
60	Meetings and Prep (Stetson)	160,000	-	160,000	70,565	-	-	-	-	-	70,565	89,435	44%	60
61	Budget Support (Stetson)	7,500	-	7,500	534	-	-	-	-	-	534	6,966	7%	61
62	Stakeholder Coordination (Stetson)	5,000	-	5,000	-	-	-	-	-	-	-	5,000	0%	62
63	Litigation Support (Stetson)	80,000	-	80,000	35,218	-	-	-	-	-	35,218	44,782	44%	63
64													64	
65	Basin Management												65	
66	General Engineering (Stetson)	50,000	-	50,000	10,426	-	-	-	-	-	10,426	39,574	21%	66
67	TSS: El Paso Well Drilling Support (Stetson)	-	-	-	-	-	-	-	-	-	-	-	0%	67
68	TSS: General Coordination/Application Support (Stetson)	15,000	-	15,000	-	-	-	-	-	-	-	15,000	0%	68
69	Coordination with DWR on GSP Review (Stetson)	-	-	-	-	-	-	-	-	-	-	-	0%	69
70	GSP 5-Year Update (Stetson)	200,000	-	200,000	190,525	-	-	-	-	-	190,525	9,476	95%	70
71	Annual Report Preparation (Stetson)	60,000	-	60,000	7,045	-	-	-	-	-	7,045	52,956	12%	71
72	Data Management System Support (Stetson)	30,000	-	30,000	18,774	-	-	-	-	-	18,774	11,227	63%	72
73	Allocation Plan: Allocation Process & Transient Pool Support (Stetson)	-	-	-	-	-	-	-	-	-	-	-	0%	73
74	Allocation Plan and Rules & Regs on Pumping/Restrictions (Stetson)	10,000	-	10,000	132	-	-	-	-	-	132	9,868	1%	74
75	Allocation Plan: Fallowing & Transient Pool Transfer Program (Stetson)	-	-	-	-	-	-	-	-	-	-	-	0%	75
76	Conservation Efforts (Stetson)	-	-	-	-	-	-	-	-	-	-	-	0%	76
77	General Project Management (Stetson)	40,000	-	40,000	6,469	-	-	-	-	-	6,469	33,532	16%	77
78	Model Transfer and Upgrade (Stetson)	220,000	-	220,000	135,033	-	-	-	-	-	135,033	84,967	61%	78
79	Data Collection, Monitoring, and Data Gaps (Stetson)	175,000	-	175,000	73,864	-	-	-	-	-	73,864	101,136	42%	79
80	Imported Water: Negotiations and Coordination(Stetson)	10,000	-	10,000	-	265	-	-	-	-	265	9,735	3%	80
81	Imported Water: Engineering and Analysis(Stetson)	-	-	-	-	-	-	-	-	-	-	-	0%	81
82	Recycled Water (Stetson)	75,000	-	75,000	-	1,564	-	-	-	-	1,564	73,436	2%	82
83	Well Monitoring Services (WellIntel Inc.)	1,700	-	1,700	1,573	-	-	-	-	-	1,573	127	93%	83
84	LADWP Release Coordination and Meetings	-	-	-	-	30,108	-	-	-	-	30,108	(30,108)	0%	84
85	Shallow Well Mitigation Program: Plan Development (Stetson)	-	-	-	-	-	-	-	-	-	-	-	0%	85
86	Brackish Water Group: Data Review and Coordination(Stetson)	-	-	-	-	-	-	-	-	-	-	-	0%	86
87	Review of Outside Studies and Coordination (Stetson)	15,000	-	15,000	-	-	-	-	-	-	-	15,000	0%	87
88	Weather Station Maintenance(Stetson)	-	-	-	-	-	-	-	-	-	-	-	0%	88
89														89

IWVGA
75% of the Year Completed

BUDGET TO ACTUAL REPORT-September

ACTUALS BY REVENUE ALLOCATION														
				Restricted	Restricted	Restricted	Restricted	Restricted	Restricted		(A-B)	(B/A)		
				Extraction	Augmentation	Shallow Well Mitigation	Prop. 1; Prop.68 SDAC/ Misc Grant	SGMA IP Urban Comm.	Navy/COSO Fund	\$ Estimated	\$ REMAINING	% COMPLETED		
				ORIGINAL	BUDGET AMENDMENTS	TOTAL ADJUSTED BUDGET								
90	Grant Management												90	
91	Prop 1 / Prop 68 Grant Administration (Stetson)	-	-	-	683	-	-	-	-	-	683	(683)	0%	91
92	Resilience Grant (Stetson)	-	-	-	2,953	-	-	-	-	-	2,953	(2,953)	0%	92
93	Prop 1 SDAC Support	-	-	-	-	-	-	-	-	-	-	-	0%	93
94	Grant Review and Application Preparation (Stetson)	75,000	-	75,000	919	-	-	-	-	-	919	74,081	1%	94
95	IP Grant Management												95	
96	IP Grant Administration (Stetson)	60,000	-	60,000	-	-	-	-	13,185	-	13,185	46,816	22%	96
97	Imported Water :Planning/Design/Environmental (Stetson)	230,000	-	230,000	-	-	-	-	85,788	-	85,788	144,212	37%	97
98	Imported Water: Engagement/Outreach (Stetson)	10,000	-	10,000	-	-	-	-	1,570	-	1,570	8,430	16%	98
99	Planning/Design/Environmental (Provost & Pritchard)	-	-	-	-	-	-	-	-	-	-	-	0%	99
100	CEQA/NEPA Documents and Permit Documentation								407,177		407,177	(407,177)	0%	100
101	Imported Water Conveyance Design Services (Provost & Pritchard)								1,174,598		1,174,598	(1,174,598)	0%	101
102	Engagement /Outreach-Other Professional Services (Provost & Pritchard)	2,000,000	-	2,000,000	-	-	-	-	-	-	-	2,000,000	0%	102
103	Imported Pipeline Mojave Tank Farm Alternative (Provost & Pritchard)								115,293		115,293	(115,293)	0%	103
104	IWVGA Imported Pipeline-Geotech Permit Fees	-	-	-	-	-	-	-	11,395	-	11,395	(11,395)	0%	104
105	Planning/Design/Environmental-(Not Reimb by Grant)	-	-	-	-	-	-	-	-	-	-	-	0%	105
106	Planning/Design/Environmental -Other								-		-	-	0%	106
107	Imported Water Pipeline (Transsystems)	100,000	-	100,000	-	-	-	-	895	-	895	99,105	1%	107
108	Bureau of Land Management	100,000	-	100,000	-	-	-	-	50,000	-	50,000	50,000	50%	108
109	City of California City	-	-	-	-	-	-	-	-	-	-	-	0%	109
110	County of Kern -ROW Access	-	-	-	-	-	-	-	-	-	-	-	0%	110
111	Union Pacific Railroad	-	-	-	-	-	-	-	-	-	-	-	0%	111
112	SC Edison -Advance Payment	-	-	-	-	-	-	-	-	-	-	-	0%	112
113	Calif. Dept of Parks & Rec	-	-	-	-	-	-	-	500	-	500	(500)	0%	113
114	Antelope Valley East Kern	-	-	-	-	-	-	-	75,000	-	75,000	(75,000)	0%	114
115	Urban Community Drought Relief Grant Program												115	
116	Urban Community Drought Relief Funding Administration	60,000	-	60,000	-	-	-	-	2,827		2,827	57,173	5%	116
117	Shallow Well Consolidation Project (Stetson)	75,000	-	75,000	-	-	21,189	-	-	-	21,189	53,811	28%	117
118											-	-	0%	118
119											-	-	0%	119
120			-											120
121	TOTAL EXPENSES	6,933,190	-	6,933,190	717,386	552,330	104,500	-	1,938,228	3,421	3,315,866	3,581,340	48%	121
122														122
123	Surplus (Deficit)	623,975	-	623,975	(189,153)	556,162	(32,295)	220,593	(1,354,079)	(3,421)	(802,192)			123

All revenue and expenses are for current fiscal year only; a separate year-end report is included with accrued revenue and expenses.
Current allocations of expense to revenue types are based on original budget adoption assumptions. Grant revenue is presented in the cash balance report when received. Grant revenue is accounted for in the year it was earned.

IWVGA
AS of September 30

CASH BALANCE

September 2024 Activity

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

All Other Cash Receipts -FY 2024	117.42
Total Cash Receipts	<u>\$ 117.42</u>

Cash Disbursements (Obligation payments are detailed)

Warrants -June	\$ 207,303.35
Warrants -July	636,487.08
Total Cash Disbursements	<u>\$ 843,790.43</u>

Cash Balance

Prior Month to Current Month Ending Balance Reconciliation

August Cash Balance By Investment

Kern County Treasurer	\$ 7,876,633.68
AltaOne Credit Union	-
Total End of Month Cash Balance	<u>\$ 7,876,633.68</u>

September Activity

Cash Receipts	\$ 117.42
Cash Disbursements	(843,790.43)
Kern County -Adj	-
Total End of Month Activity	<u>\$ (843,673.01)</u>

September Ending Cash Balance \$ 7,032,960.67

Less: Outstanding Warrants -August (803,871.24)

Total Available Cash By Activity \$ 6,229,089.43

September Cash Balance by Investment

Kern County Treasurer	\$ 7,032,843.25
AltaOne - In Transit to Kern County	117.42
Total End of Month Balance	\$ 7,032,960.67
Less: Outstanding Warrants-August	(803,871.24)
Total Available Cash by Investment	<u>\$ 6,229,089.43</u>

Cash Receipts are deposited in AltaOne Credit Union 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.

OUTSTANDING OBLIGATIONS

	City of Ridgecrest	Augmentation Fund	Total
In-Kind Services ¹			
Attorney Svcs./IT/Chambers -FY24 - Budgeted	317,500	-	317,500
Attorney Svcs./IT/Chambers -FY23 -Actual	255,605	-	255,605
Attorney Svcs./IT/Chambers -FY22	241,204	-	241,204
Attorney Svcs./IT/Chambers -FY 21	325,235	-	325,235
Attorney Svcs./IT/Chambers -FY's16-20	366,982	-	366,982
Repayment in FY2023 for Prior Years	(500,000)	-	(500,000)
Inter-Fund Loans			
2024 Loan to Extraction Fund-Estimated ²	-	701,000	701,000
2023 Loan to Extraction Fund-Estimated ²	-	200,000	200,000
2021 Repayment of Adv. Of Funds ³	-	500,000	500,000
Due to Due From			
2022 Net Position Status- (Extraction/Grant) ⁴	-	248,772	248,772
Advance of Funds	-	-	-
Financing	-	-	-
Postponed Invoice Payments	-	-	-
Total	1,006,526	1,649,772	2,656,298

¹ City of Ridgecrest In-Kind Services includes services associated with Extraction and Augmentation expenses.

² Estimated; FY2024 is included in proposed budget

³ IWVWD used restricted Augmentation Revenue to repay the Advance Agreement of \$500,000

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

⁴ The 2022 included a net position for the Extraction/Grant Funds of \$748,772, with \$500k representing the amount owed in #3, and the remaining \$248,772 as a Due to Due From or short term cash adjustment pending 2023 Audit.

ADOPTED 2024 OBLIGATION REPAYMENTS

	City of Ridgecrest	Augmentation Fund	Total
In-Kind Services			
Attorney Services/IT/Council Chambers	500,000	-	500,000
Repayment in FY2024 for Current Year	317,500	-	317,500
Advance Agreements			
Advance of Funds	-	-	-
Financing			
Water Purchase related Financing	-	-	-
	817,500	-	817,500

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.

The page intentionally blank



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

From: Michael W. McKinney, President Capitol Core Group

cc: Phil Hall, General Counsel IWVGA
Keith Lemieux, General Counsel IWVGA
Steve Johnson, Stetson Engineers
Jeff Simonetti, SVP Capitol Core Group
Todd Tatum, SCA Capitol Core Group

Date: October 9, 2024

Subject: Project Update Memorandum – September 2024 Update

The following memorandum will provide project updates for September 2024.

PROJECT 1: IMPORTED WATER SUPPLIES

Capitol Core continues to work with IWVGA staff and potential water providers to determine water supplies and make arrangements to secure them. We also remain in coordination with the engineering team to determine the timing of planning and proposed construction of the interconnection timeline.

PROJECT 2: INTERCONNECTION PIPELINE PROJECT

UPDATE: WATER RESOURCES DEVELOPMENT ACT OF 2024

House and Senate Committee leadership met informally in September to begin reconciliation of their respective versions of the Water Resources Development Act. Capitol Core met extensively with the Chairs, Ranking Members, and Committee staff during September to resolve conference issues. At the direction of the Board, Capitol Core is advocating in support of the House version of WRDA-24. The IWVGA interconnection pipeline requires two items to be reconciled: 1) the non-federal sponsor and 2) the initially authorized amount for the project. Agreement on tentative language to the provision will give the U.S. Army Corps of Engineers the authority to enter into a contract with either the Authority or the County of Kern on the interconnection project, thus resolving the non-federal sponsor issue. The House and Senate recognize the importance of the interconnection project, and there are no objections to the Senate agreeing to a more considerable authorized amount. Resolution to the authorized amounts is part of a greater policy issue. The House version of WRDA-24 authorizes an additional \$4 billion in Environmental Infrastructure (EI) projects, while the Senate version authorizes only \$1 billion in new projects. Appropriators (both House and Senate) are objecting to the House version, citing the current backlog of EI projects. A final resolution on the initially authorized amount will come in November.

The language of the Conference Report, submitted by IWVGA, has tentatively been agreed to by Committee leadership. The language will be slightly modified to reflect the reconciled version of the authorization but will be directive to the interconnection pipeline project.

CONFERENCE COMMITTEE SCHEDULE:

Each chamber must undergo significant procedural items to initiate the formal Conference Committee. Those formal actions have been postponed until November. The House and Senate will vote on WRDA-24 after the November election during the Lamé Duck Session.

UPDATE: ENVIRONMENTAL MITIGATION

The pipeline interconnection project may require some environmental mitigation for designated species if they are found in the proposed project area. The planning process that the IWVGA is currently undergoing will determine what those environmental remediation requirements may be, and the engineering team is working with the various governmental agencies responsible for this oversight. Capitol Core is looking into potential ways to address this environmental mitigation need, including the newly formed Mojave Desert Sentinel Landscape Program. A link to the program is [here](#). The Sentinel Landscape program is a multi-agency and public-private partnership program to address, among other things, threatened and endangered species. Federal agencies include the DoD, the Department of Agriculture, and the Department of the Interior. We are determining whether there is an opportunity to partner with the program to address some of these mitigation requirements.

PROJECT 3: OTHER PROJECTS IN SUPPORT OF THE GSP

UPDATE: FISCAL YEAR 2025 APPROPRIATIONS

The House and Senate passed a short-term Continuing Resolution (CR-1) to avoid an October 1, 2024, government shutdown. CR-1 provides continuing government funding through December 27, 2024, now forcing a Lamé Duck Session post-election.

UPDATE: FINAL GOVERNOR ACTIONS: 2023-2024 CALIFORNIA LEGISLATIVE SESSION

Governor Newsom has completed final legislative actions for the 2023-2024 California Legislative Session. An updated report detailing those final actions is attached.

The page intentionally blank

STATUS (OCTOBER 2024):
Final Governor's Actions 2023-2024
California Session
118th Congressional Session, 2nd (recess)



INDIAN WELLS VALLEY GROUNDWATER AUTHORITY

LEGISLATIVE AND POLICY STATUS REPORT



PRIORITY LEGISLATION

Legislation of significant impact on operations or interests. Legislation where a public position may be taken with the legislative body. Updates are provided to staff as they occur, potentially requiring action, and reported herein.

FEDERAL LEGISLATION

Water Resources Development Act of 2024

House Version: **HR 8812 (Graves, R-MO 6th)**

Item Number 328 of Section 340 authorizes an initial \$50 million for the interconnection pipeline project and names the County of Kern as its non-federal sponsor.

HR 8812 passed the House of Representatives on 07/22/2024 by 359-13

Current Version -- As Engrossed

Current Status -- Received in the Senate

Senate Version: **S. 4367 (Carper, D-DE)**

Item Number 411 of Section 302(a) authorizes an initial \$5 million for the interconnection pipeline project and names the Indian Wells Valley Groundwater Authority as its non-federal sponsor

S. 4367 passed the Senate by Unanimous Consent

Current Version -- As Engrossed

Current Status -- Received in the House and Held at the Desk

UPDATE: Conference Committee (informal): House and Senate Chairs have proposed to reconcile the non-federal sponsor of the interconnection pipeline project through permissive language, allowing USACE to determine the contracting entity. Under this amendment, USACE will determine the appropriate non-federal sponsor. Further, House/Senate Committees have agreed to conference report language clarifying the use of the authorization for the interconnection pipeline project.

CALIFORNIA LEGISLATION

State Assembly Bills

FINAL ACTION: **AB 460 (Bauer-Kahan, D-16th): State Water Resources Control Board: Water Rights and Penalties**

AB 460 statutorily overturns the Kings County and Shasta cases concerning the SWRCB's ability to implement penalties and groundwater sustainability requirements.

Current Version: Chaptered 342, Statutes of 2024

Current Status: Signed into Law

IWVGA Position: No public position

FINAL ACTION: **AB 1827 (Papan, D-21st): Higher Consumptive Water Parcels**

AB 1827 provides that fees or charges for property-related water services imposed or increased according to the California Constitution may include incrementally higher water service costs.

Current Version: Chaptered 359, Statutes of 2024

Current Status: Signed into Law

IWVGA Position: No public position/Neutral (at the request of the Author)

State Senate Bills

FINAL ACTION: **SB 1156 (Hurtado, D-16th): GSAs: Financial Disclosures**

The legislation requires a groundwater sustainability agency's board and executive staff members to provide annual financial disclosure reports (Form 700) and the FPPC to develop implementing regulations. It will also create additional regulatory requirements for staff.

Current Version -- Chaptered 458, Statutes of 2024

Current Status -- Signed into Law

IWVGA POSITION: Neutral (monitor as priority)



WATCH BILL LIST

Legislation of interest to the Authority. The Authority may adopt a “neutral” position or take no public position. Updates are provided monthly unless the amendment warrants immediate notification to staff.





FEDERAL LEGISLATION

HR 186 (McClintock, R-CA 5th): Water Supply Permitting Coordination Act

Authorizes the Secretary of the Interior to coordinate Federal and State permitting processes related to the construction of new surface water storage projects on lands under the jurisdiction of the Secretary of the Interior and the Secretary of Agriculture and to designate the Bureau of Reclamation as the lead agency for permit processing. Hold for completion of federal permitting and monitor.

Current Version -- As Introduced

Current Status -- House Committee on Natural Resources

HR 215 (Valadao, R-CA 22nd): Water for California Act

Authorizes several federal (CVP) and State Water Project authorizations. Designates the USBR as the lead agency for federal permitting requirements. To provide long-term water supply and regulatory reliability to drought-stricken California. The introduced version was incorporated into HR 1 and HR 2811. Hold for completion of federal permitting and monitor.

Current Version -- As Amended in the Nature of a Substitute

Current Status -- Ordered Reported by House Committee on Natural Resources

HR 1430 (Valadao, R-CA 22nd): NEPA Permit Streamlining Act of 2023

The bill directs the Secretary of the Interior and the Secretary of Agriculture to use certain previously completed environmental assessments and environmental impact statements to satisfy NEPA's review requirements. Hold for completion of federal permitting and monitor.

Current Version -- As Introduced

Current Status -- Incorporated into HR 1 (HR 1 died in the Senate)

HR 4540 (Cuellar, D-TX 28th): Water Infrastructure Enhancement Act of 2023

Amends the Safe Drinking Water to enact a grant program to provide for the construction of water infrastructure in rural, small, and poverty-stricken communities. Redefines "poverty-stricken" as communities where 20% of the population has lived in poverty as defined by the Census Bureau. Infrastructure grants include water pipelines, well upgrades, water tanks, water recycling, and wastewater treatment. Authorizes \$800 million in grant opportunities from FY2024 through FY2029.

Current Version -- As Amended

Current Status -- House Committee on Energy and Commerce

HR 7023 (Rouzer, D-NC 7th): Creating Confidence in Clean Water Permitting Act of 2024

This bill streamlines and clarifies the National Pollutant Discharge Emission System (NPDES) permitting process at Sections 402 and 404. The bill increases permit periods from five years to ten years; it limits 404 permitting to fill and dredge materials, dramatically reducing USACE oversight over discharges; it creates a "permit shield" for those who are in compliance with the terms and conditions of their permit, protecting them from any regulatory changes during the permit period and lawsuits from third parties; stipulates that the permit shield applies to pollutants with specific limits listed in the permit, pollutants specifically identified as present in the discharges covered by the permit, and pollutants not specifically identified but linked to processes specifically identified in the permit. Lastly, if the EPA determines that a water quality-based limitation is necessary to include in a permit, in addition to any less stringent technology-based limitation, the permit would have to include clear numerical limits on the discharge of the covered pollutants or specify the desired water quality for those pollutants.

Current Version -- Engrossed in the House (passed)

Current Status -- Received in Senate

HR 8070 (Rogers, R-AL 3rd): Service Member Quality of Life Act (National Defense Authorization Act for 2025)

Section 2082 of the legislation provides public agencies with grants to carry out specific quality-of-life programs, including education, workforce training, tailing spouse employment, childcare, afterschool programs, post-military employment training, counseling, and mental health. The City of Ridgecrest has requested an amendment to the proposal expanding mental health to cover “rural health care facilities.” City-requested amendments are under consideration. The bill very broadly defines workforce support and installation resilience. Ancillary impact to the Groundwater Authority. Differs from DCIP by providing funding through the Military Construction process (“MILCON”).

Current Version -- As Engrossed in the House of Representatives

Current Status -- Received in the Senate (pending referral)



S. 660 (Markey, D-MA): Water System Threat Resiliency Act of 2023

This bill would require the USEPA to develop and implement guidelines for a public water system (anything with a pipe that might become drinking water or wastewater treatment) for cyber and physical threats

Current Version -- As Introduced

Current Status -- Senate Committee on Environment and Public Works

S. 2166 (Padilla, D-CA): Voluntary Land Repurposing Act

This bill amends the Reclamation States Emergency Drought Relief Act of 1991 and the Omnibus Public Land Management Act of 2009 to provide grants to States and Indian Tribes for programs to repurpose agricultural land to reduce consumptive water use voluntarily and for other purposes. The author does not see a path forward without a California program.

Current Version -- As Introduced

Current Status -- Senate Committee on Environment and Public Works



FISCAL YEAR 2025 APPROPRIATIONS

UPDATE: FY2025 Continuing Resolution (#1)

Congressional leaders unveiled a stopgap funding bill Sunday to temporarily keep the US government's doors open through Dec. 20. Negotiators aim to avert an Oct. 1 shutdown and set the stage for a funding showdown shortly before Christmas.

The bill would keep the federal government running at existing funding levels, with few exceptions. The US Secret Service would get extra money to protect presidential candidates after a second assassination attempt on former President Donald Trump. The measure excludes a GOP bill to require voters to show proof of citizenship after Republicans failed to pass a previous version tied to a stopgap funding bill.

Energy & Water: \$59.2 Billion in House, \$61.5 Billion in Senate



House highlights:

- Remove Energy Department's role in determining permits to export or import liquefied natural gas
- Cancel \$8 billion provided by the bipartisan infrastructure and Democrat's 2022 climate-health-tax laws for loan programs funding energy infrastructure projects, including \$1.5 billion for clean transportation
- Cut \$1.5 billion from energy efficiency, renewable programs

Senate highlights:

- Provide \$3.4 billion for Energy Department's energy efficiency and renewable energy programs, slightly less than requested
- Bar funds from being used to block a 1994 executive order on environmental justice for minority and low-income populations

Department/Agency (in billions)	FY 2024	Request	House	Senate
Energy Department	\$50.2	\$51.7	\$49.9	\$52.4
- National Nuclear Security Administration	24.1	25.0	25.5	25.2
- Science	8.2	8.6	8.4	8.6
- Environmental and other defense activities	8.7	8.6	8.3	9.3
US Army Corps of Engineers	8.7	6.2	10.0	10.3
Interior's Bureau of Reclamation	1.9	1.6	1.9	2.0

Notes: Total excludes funding for Harbor Maintenance Trust Fund activities. Table excludes emergency appropriations request. Fiscal 2024 amounts come from House committee report.

Sources: [H.R. 8987](#) and House Appropriations Committee [report](#); [BOCV Bill Summary H.R. 8987, FY 2025 Energy & Water Funding](#); [S. 4927](#) and Senate Appropriations Committee [report](#); news releases from Senate Appropriations Committee [Democrats](#) and [Republicans](#)

Bloomberg Government



CALIFORNIA LEGISLATION

FINAL ACTION: AB 828 (Connolly, D-12th): SGMA: Managed Wetlands and CSDs

This bill would exempt groundwater use by managed wetlands and small community water systems serving disadvantaged communities (DAC) from specified authorities of groundwater sustainability agencies (GSA) to regulate groundwater pumping under the Sustainable Groundwater Management Act (SGMA).

Current Version -- As Amended 07/01/2024 (engrossed)

Current Status -- VETOED

FINAL ACTION: AB 2454 (Lee, D-24th): Rental Properties: Domestic Well Testing

The bill establishes a notification requirement for domestic rental properties of a free water testing program for quality. Defines a “domestic well” as a private well serving four or fewer households. Provides for several testing entities, including GSAs. This may require the Authority to amend its shallow well mitigation program to provide for the testing requirements. Per the review, impacts to the Authority are minimal; place on the watch list.

Current Version -- Chaptered

Current Status -- Signed into Law

FINAL ACTION: AB 2715 (Boerner-Horvath): Brown Act: Public Agencies

Amends the Brown Act to authorize closed-session consideration of matters dealing with cybersecurity

Current Version -- Chaptered 243, Statutes of 2024

Current Status -- Signed into Law

FINAL ACTION: SB 1188 (Laird, D-17th): Drinking Water: Technical and Managerial Standards

Requires the State Water Resources Control Board to develop minimum standards for small water suppliers with fewer than 10,000 connections related to their technical, managerial, and financial capacity. Creates a new reporting requirement for such water systems. Makes false representation of such capacities a crime. Limits the ability of small water systems that do not meet such standards to receive State money (grants, programmatic funding, etc.).

Current Version -- Chaptered 507, Statutes of 2024

Current Status -- Signed into Law

UPDATE: SB 1210 (Skinner D-9th): Water Connection Charges

Amendments require public utilities, local agencies, local governments, and districts to post the fee schedule and permit charges for connection and capacity charges on their respective websites. Provisions that negatively impacted IWVGA, the District, and the City have been removed. The first amendments required the application to be posted on their website and that a queue be developed to provide a reasonable estimate of where they are in the process. The second set of amendments removed the queue requirements and limited the bill to “utilities” posting fee schedules on their website.

Current Version -- Chaptered 787, Statutes of 2024

Current Status -- Signed into Law



BILLS REMOVED FROM REPORT

Legislation no longer of interest to the Authority or legislation having a final action previously reported.

STATE LEGISLATION

FINAL ACTION: AB 560 (Bennett, D-38th): Groundwater Adjudication

It requires parties in adjudication to seek a nonbinding advisory opinion from the SWRCB in conjunction with DWR on the impacts of a proposed settlement agreement on small farmers and the GSP.

FINAL ACTION: AB 1205 (Bauer-Kahan, D-16th): Water Rights: Study Bills

AB 1205 would require the SWRCB to conduct a three-year study on the potential profiteering in the sale, transfer, or lease of an interest in any water right for profit on or below agricultural lands. The bill is a two-year bill. Opposition was removed, and the bill was downgraded to "Watch." No public position.

FINAL ACTION: AB 2079 (Bennett, D-38th): SGMA: Groundwater Extraction: Large Diameter Wells

The bill would require a groundwater sustainability agency with oversight for the area of the basin where the local enforcement agency has well-permitting jurisdiction to provide specified information to the local enforcement agency, including, but not limited to, the name of the applicable groundwater sustainability agency, the agency manager and contact information, and the applicable sustainable management criteria related to groundwater levels, including the groundwater level measurable objectives and minimum thresholds. The bill would provide various requirements for the local enforcement agency to consider before approving or denying a permit. The bill would provide exemptions for its provisions for specified wells if they are proposed to be constructed with well screens and pump depths below the applicable minimum thresholds for groundwater levels as reported by the groundwater sustainability agency. A neutral position was adopted. No negative impacts to IWVGA. Amendments would exclude drinking water wells, wells that are part of a conjunctive use or water banking program, and wells used for groundwater remediation from this bill.

FINAL ACTION: AB 2799 (Alanis, R-22nd): SGMA: Small Farms: Fees

This bill would require a groundwater sustainability agency to consider the efforts of small farms, as defined, that recharge groundwater into the basin upon which their property is located when imposing or increasing fees. This means calculating the return flows from farming and then subtracting that amount from the amount of groundwater pumped in order to charge a replenishment or other infrastructure fee based on the net water consumed. Discussion with Author's office confirms no impact on IWV. A neutral position was adopted. Watch closely for amendments.

FINAL ACTION: SB 1110 (Ashby, D-8th): Urban Retail Water Suppliers

Amends the Water Resources Control Board requirements relative to urban retail suppliers that have not met their urban water management plan to "consider lower cost actions to achieve resiliency." Amendments to the bill push out the enactment date to 2028 pending SWRCB rulemaking.

FINAL ACTION: SB 1218 (Newman D-29th): Emergency Water Supplies

Encourages and incentivizes the development of emergency water supplies by "providers." Requires urban water suppliers to include emergency water supply development. Does not limit the ability to provide emergency water supplies to urban water suppliers.



2023-2024 STATS

ITEM	DESCRIPTION	DISPOSITION	STATUS
PRIORITY LEGISLATION	31 PRIORITY BILLS LOBBIED (22 California/9 Federal Bills)	1 BILL ACTIVE	
AMENDMENTS PROPOSED	14 AMENDMENTS OFFERED	13/14 SECURED	
REQUESTED FUNDING	\$6,200,000 REQUESTED	\$2.79M Received	
LEGISLATIVE AUTHORIZATION	CONGRESSIONALLY AUTHORIZED FUNDING	\$50M Authorization	
OPPOSE BILLS	LEGISLATION OF NEGATIVE IMPACT TO THE AUTHORITY	All Favorably Amended	
SUPPORT BILLS	BILLS SPONSORED OR POSITIVELY IMPACTING THE AUTHORITY	1 CHAPTERED 1 FAILED 1 PENDING	
LEGISLATIVE SESSION	STATUS OF LEGISLATIVE SESSIONS	CA -- Sine Die Congress - Recess	

INDIAN WELLS VALLEY GROUNDWATER AUTHORITY



The page intentionally blank

TO: IWVGA Board Members

DATE: October 9, 2024

FROM: IWVGA Staff

**SUBJECT: Discussion on Modification to the IWVGA Joint Powers Agreement
to Allow for Greater Flexibility of Alternative Board Member Appointments**

BACKGROUND AND DISCUSSION:

In 2016, five eligible public agencies formed a Joint Powers Agreement (JPA) to govern and manage groundwater within the basin. The JPA creates the public agency called the IWVGA. The JPA includes requirements for Primary and Alternate Members to be eligible to serve on the IWVGA Board.

Currently, the JPA requires that only elected members of Kern County, Indian Wells Valley Water District and City of Ridgecrest may serve as Primary and Alternate Members of the IWVGA Board. County of Inyo and County of San Bernardino may have persons other than elected officials serve as Primary or Alternate Members. Staff is recommending a change to the JPA that allows persons other than an elected official serve as an alternate member for Kern County, Indian Wells Valley Water District and the City of Ridgecrest. No change to the requirements for County of Inyo and County of San Bernardino Primary and Alternate Members is recommended.

The rationale for this proposed change is a practical one: the area covered by the public agencies of the IWVGA is vast. Long travel distances puts pressure on elected officials serving as Directors to attend meetings in Ridgecrest that may conflict with many other public meetings that are many miles or hours away. The flexibility of unelected Alternate Members is advantageous, as County of Inyo and County of San Bernardino have found since the IWVGA formation. Furthermore, the Brown Act requires that a quorum of the Board must attend in person, thus putting additional pressure on agencies to have Members in attendance at IWVGA meetings. This language change would relieve these ongoing travel pressures on some IWVGA Primary and Alternate Members and prevent meeting cancellations for lack of a quorum.

The language change to the JPA would remove “and Alternate” from the third sentence in Section 6.01. The section and the proposed change is shown below.

Section 6.01 - Board of Directors

“Each Member’s governing body shall appoint one Primary and one Alternate Director. The Alternate Director shall serve and assume the rights and duties of the Primary Director when the Primary Director is unable to attend a Board meeting. The Primary ~~and Alternate~~ Directors for the County of Kern, Indian Wells Valley Water District and the City of Ridgecrest shall be elected members of their governing bodies. Primary Directors and Alternate Directors shall serve at the pleasure of the governing body appointing them and they may be removed at any time with or without cause, in the sole discretion of their governing body. Each Primary Director and Alternate Director shall hold office until their successor is selected by their governing body and the Authority has been notified of the succession.”

Because the JPA was originally adopted separately by each member agency, to change the JPA each member agency is asked to adopt the language change at an upcoming agency meeting.

RECOMMENDATION:

Request that each IWVGA member agency adopt the above modified language in the Joint Powers Authority at their agency board meeting.

The page intentionally blank